

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
 Data File : BF087882.D
 Acq On : 10 Jun 2016 18:52
 Operator : UM/SJ
 Sample : H3356-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

Manual Integrations
 APPROVED

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 6/13/2016 7:11:11 PM

Quant Time: Jun 11 02:06:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	120204	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	512039	20.00	ng	-0.02
38) Acenaphthene-d10	9.85	164	221706	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	328626	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	225223	20.00	ng	-0.03
86) Perylene-d12	15.36	264	205444	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	597464	84.97	ng	-0.01
7) Phenol-d6	6.46	99	769386	90.29	ng	-0.02
23) Nitrobenzene-d5	7.38	82	453702	51.74	ng	-0.03
41) 2,4,6-Tribromophenol	10.64	330	174220	74.42	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	741684	50.29	ng	-0.03
78) Terphenyl-d14	12.91	244	696357	70.36	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	72592	21.25	ng	# 24
3) Pyridine	3.14	79	199773	24.76	ng	95
4) n-Nitrosodimethylamine	3.07	42	94493	27.66	ng	90
6) Aniline	6.48	93	193794	15.98	ng	99
8) 2-Chlorophenol	6.59	128	220384	26.48	ng	97
9) Benzaldehyde	6.35	77	17123	2.83	ng	95
10) Phenol	6.47	94	327982	36.83	ng	89
11) bis(2-Chloroethyl)ether	6.55	93	211682	28.33	ng	95
12) 1,3-Dichlorobenzene	6.75	146	239575	26.83	ng	97
13) 1,4-Dichlorobenzene	6.83	146	254093	28.25	ng	97
14) 1,2-Dichlorobenzene	6.98	146	222009m	27.14	ng	
15) Benzyl Alcohol	6.96	79	194734	29.21	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	273271	27.07	ng	96
17) 2-Methylphenol	7.07	107	180031	26.67	ng	99
18) Hexachloroethane	7.32	117	73827	23.13	ng	# 86
19) n-Nitroso-di-n-propylamine	7.23	70	142419	26.13	ng	92
20) 3+4-Methylphenols	7.23	107	238922	30.34	ng	95
22) Acetophenone	7.22	105	298832	26.12	ng	# 88
24) Nitrobenzene	7.40	77	222315	26.17	ng	90
25) Isophorone	7.64	82	398776	24.55	ng	# 94
26) 2-Nitrophenol	7.71	139	109085	23.97	ng	96
27) 2,4-Dimethylphenol	7.76	122	201040	24.00	ng	95
28) bis(2-Chloroethoxy)methane	7.86	93	248964	24.71	ng	99
29) 2,4-Dichlorophenol	7.96	162	203609	29.11	ng	91
30) 1,2,4-Trichlorobenzene	8.04	180	213265	28.00	ng	99
31) Naphthalene	8.12	128	725283	28.62	ng	99
32) Benzoic acid	7.82	122	9658	2.09	ng	94
33) 4-Chloroaniline	8.17	127	115488	10.21	ng	97
34) Hexachlorobutadiene	8.24	225	107186	26.69	ng	97
35) Caprolactam	8.52	113	69163	29.85	ng	95
36) 4-Chloro-3-methylphenol	8.66	107	206378	27.59	ng	88
37) 2-Methylnaphthalene	8.81	142	409640m	24.53	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	191325	29.62	ng	# 1
40) Hexachlorocyclopentadiene	8.97	237	27810	7.78	ng	98

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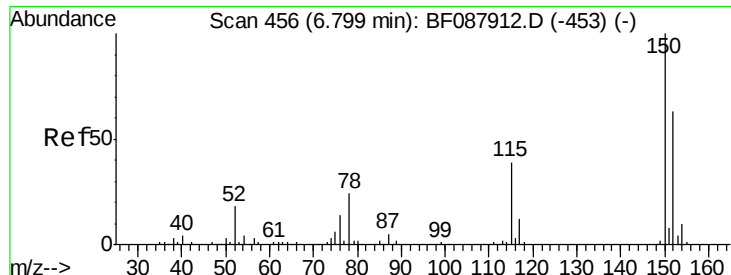
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	125132	28.22	nq	100
43) 2,4,5-Trichlorophenol	9.13	196	127005	27.53	nq	# 87
45) 1,1'-Biphenyl	9.28	154	529713	29.72	nq	96
46) 2-Chloronaphthalene	9.30	162	411449	28.68	nq	94
47) 2-Nitroaniline	9.39	65	124180	29.34	nq	89
48) Acenaphthylene	9.71	152	627450	27.50	nq	99
49) Dimethylphthalate	9.58	163	630965	39.29	nq	99
50) 2,6-Dinitrotoluene	9.63	165	101066	27.48	nq	# 54
51) Acenaphthene	9.88	154	375798	26.40	nq	99
52) 3-Nitroaniline	9.80	138	107111	25.24	nq	83
53) 2,4-Dinitrophenol	9.91	184	18922	14.13	nq	# 84
54) Dibenzofuran	10.06	168	574574	29.31	nq	95
55) 4-Nitrophenol	9.96	139	171316	52.01	nq	92
56) 2,4-Dinitrotoluene	10.04	165	138190	29.24	nq	# 89
57) Fluorene	10.40	166	450420	32.67	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	103690	28.60	nq	# 52
59) Diethylphthalate	10.27	149	493139	30.34	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	179507	27.53	nq	94
61) 4-Nitroaniline	10.41	138	98358	24.43	nq	95
62) Azobenzene	10.55	77	453341	28.20	nq	96
64) 4,6-Dinitro-2-methylphenol	10.44	198	26512	14.50	nq	# 61
65) n-Nitrosodiphenylamine	10.51	169	426154	39.08	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	127573	36.19	nq	92
67) Hexachlorobenzene	10.95	284	125024	34.13	nq	# 71
68) Atrazine	11.04	200	131443	39.81	nq	96
69) Pentachlorophenol	11.13	266	138473	71.71	nq	95
70) Phenanthrene	11.35	178	612359	35.51	nq	100
71) Anthracene	11.40	178	619847	35.63	nq	99
72) Carbazole	11.55	167	585408	35.96	nq	99
73) Di-n-butylphthalate	11.90	149	796661	38.66	nq	99
74) Fluoranthene	12.54	202	611029	33.58	nq	99
76) Benzidine	12.66	184	249691	40.04	nq	97
77) Pyrene	12.77	202	681053	40.75	nq	99
79) Butylbenzylphthalate	13.38	149	269083	36.42	nq	# 82
80) Benzo(a)anthracene	13.94	228	508541	39.62	nq	100
81) 3,3'-Dichlorobenzidine	13.91	252	131816	38.19	nq	# 95
82) Chrysene	13.99	228	505784	41.89	nq	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	404895	45.01	nq	99
84) Di-n-octyl phthalate	14.56	149	713424	48.81	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.73	276	432281	38.53	nq	# 100
87) Benzo(b)fluoranthene	14.97	252	591023m	41.27	nq	
88) Benzo(k)fluoranthene	14.99	252	363857m	33.69	nq	
89) Benzo(a)pyrene	15.30	252	418964	36.16	nq	100
90) Dibenzo(a,h)anthracene	16.74	278	360608	33.51	nq	100
91) Benzo(g,h,i)perylene	17.13	276	349665	31.59	nq	98

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



#1

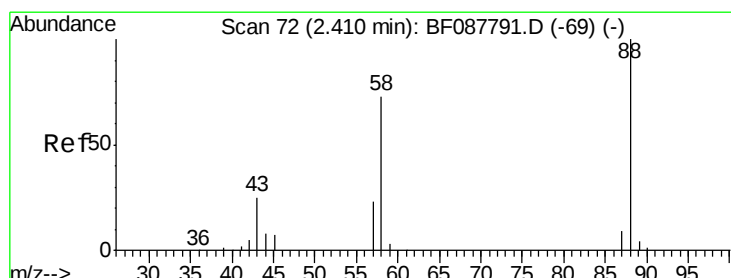
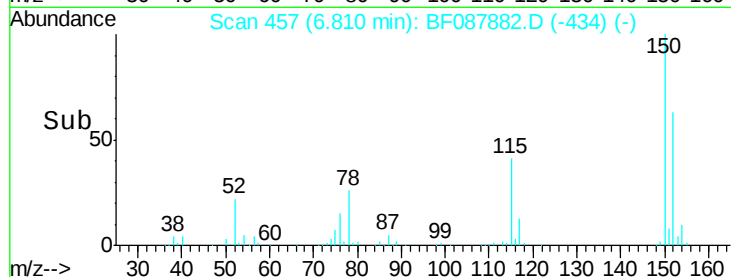
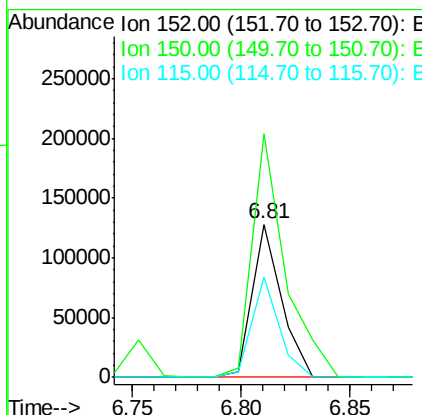
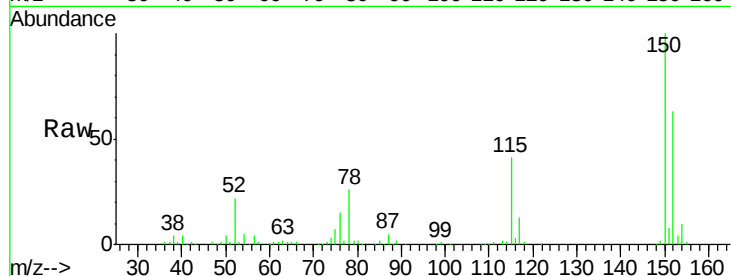
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	123.8	185.6
115	65.4	39.6	59.4

Manual Integrations
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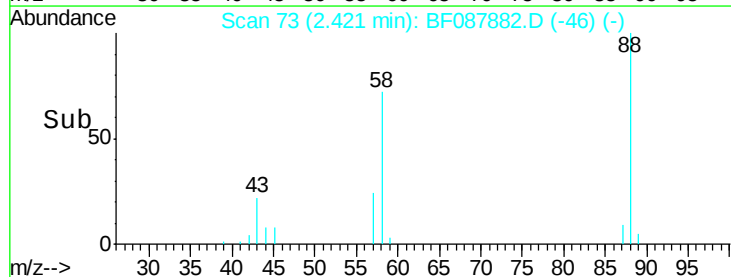
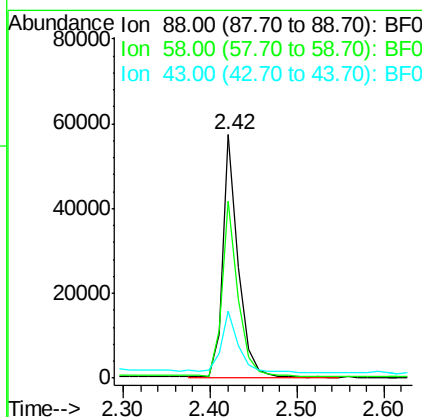
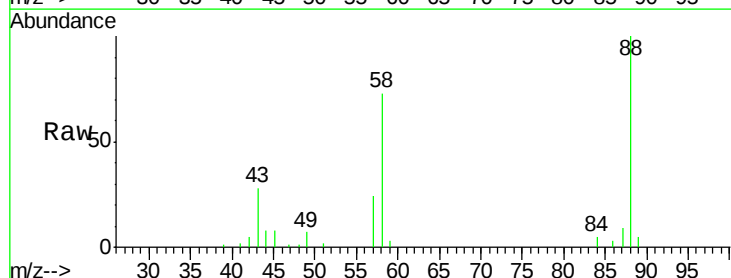
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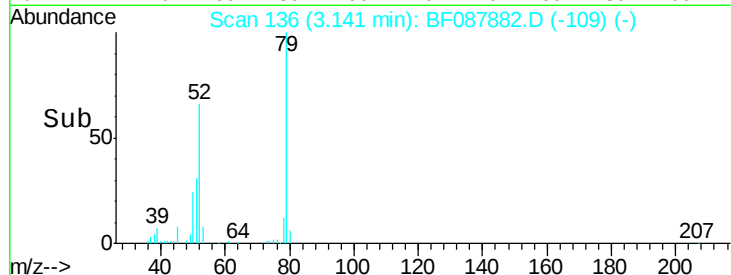
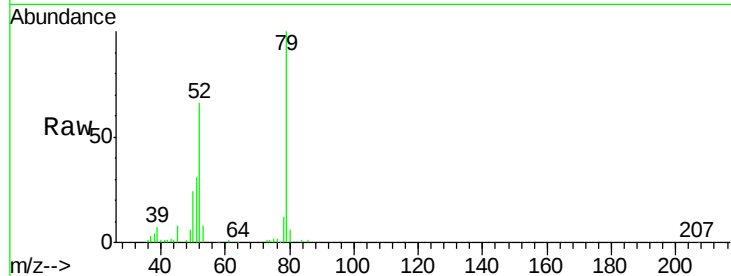
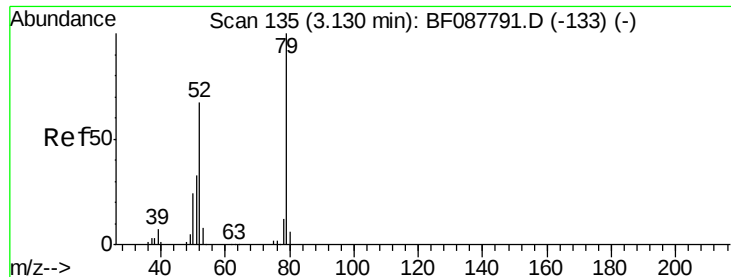


#2

1,4-Dioxane
Concen: 21.25 ng
RT: 2.42 min Scan# 73
Delta R.T. 0.01 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.7	0.0	0.0
43	29.2	3.4	5.2





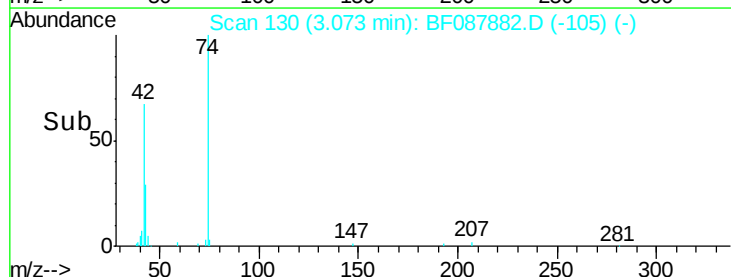
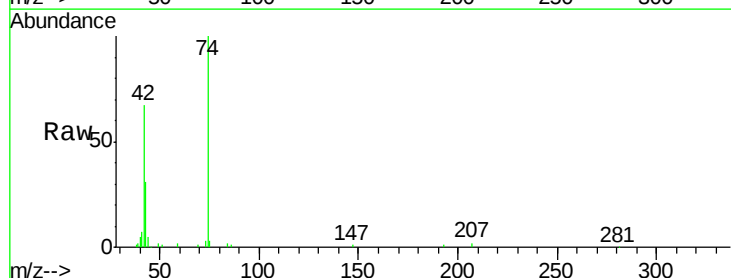
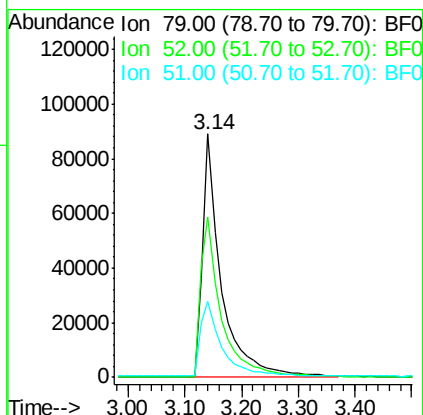
#3
 Pvridine
 Concen: 24.76 ng
 RT: 3.14 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	199773		
52	52	65.9		56.3	84.5
51	51	31.4		27.4	41.2

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

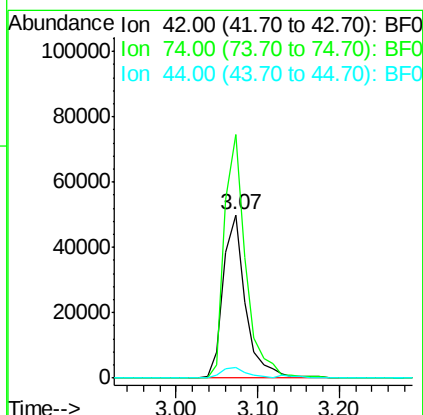
Manual Integrations
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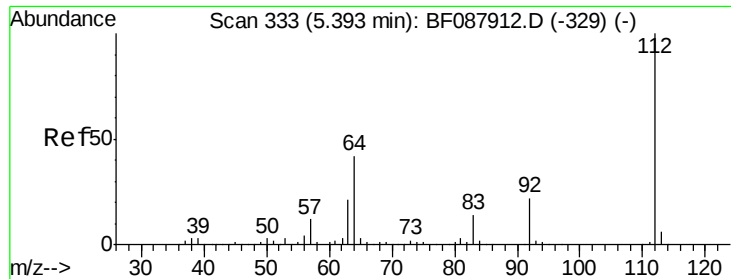
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#4
 n-Nitrosodimethylamine
 Concen: 27.66 ng
 RT: 3.07 min Scan# 130
 Delta R.T. -0.01 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	94493		
74	74	149.0		108.6	163.0
44	44	6.9		5.5	8.3





#5

2-Fluorophenol

Concen: 84.97 ng

RT: 5.42 min Scan# 335

Delta R.T. -0.01 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

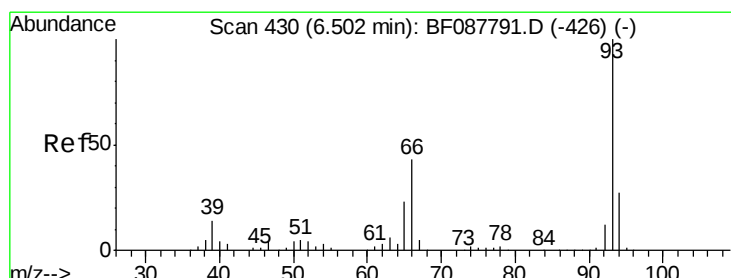
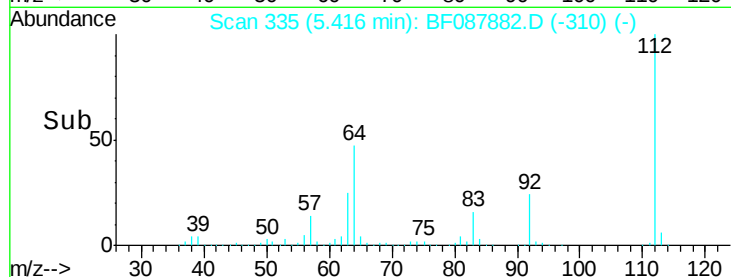
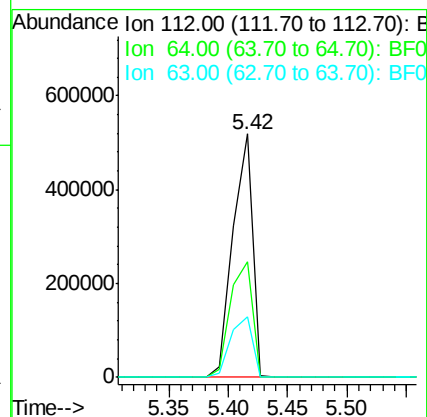
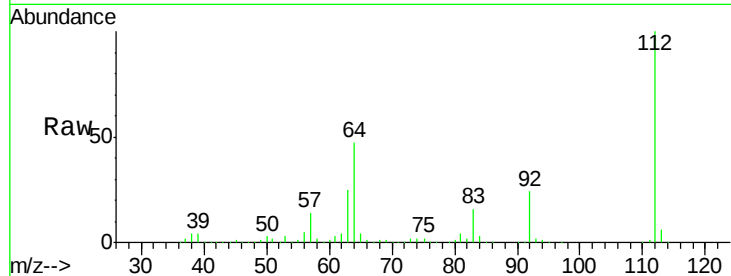
ClientSampleId :

U5-B2(0-10)CMSD

Tot Ion:	112	Resp:	597464
Ion Ratio	Lower	Upper	
112	100		
64	47.5	42.2	63.2
63	24.7	21.8	32.8

Manual Integrations
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#6

Aniline

Concen: 15.98 ng

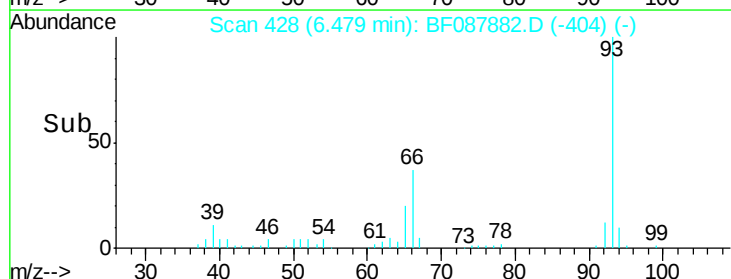
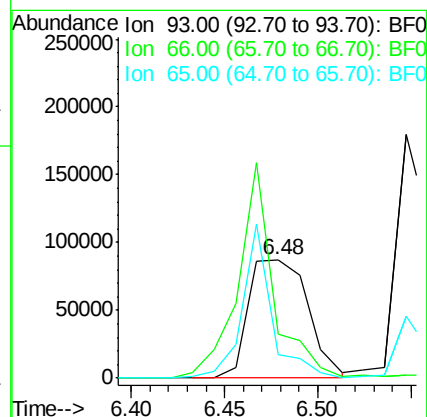
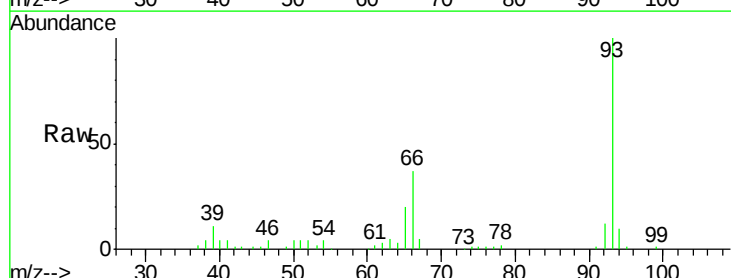
RT: 6.48 min Scan# 428

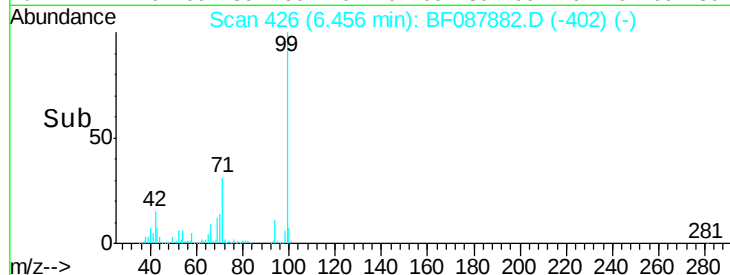
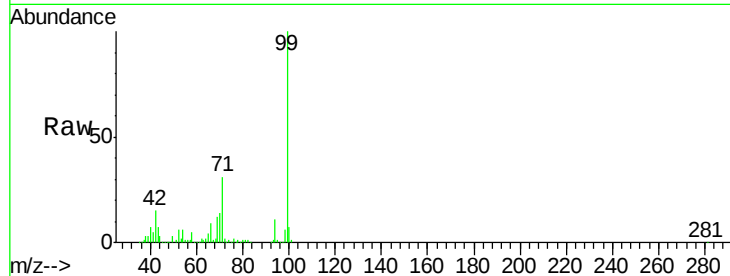
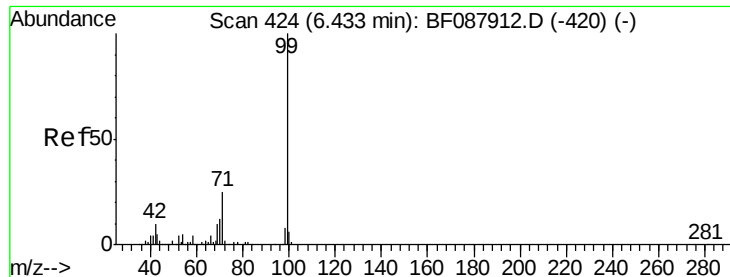
Delta R.T. -0.02 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Tgt Ion:	93	Resp:	193794
Ion Ratio	Lower	Upper	
93	100		
66	37.3	29.8	44.8
65	19.8	14.9	22.3





#7

Phenol-d6

Concen: 90.29 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Tot Ion:	99	Resp:	769386
Ion Ratio	Lower	Upper	
99	100		
42	14.9	12.2	18.2
71	31.4	23.4	35.0

Instrument :

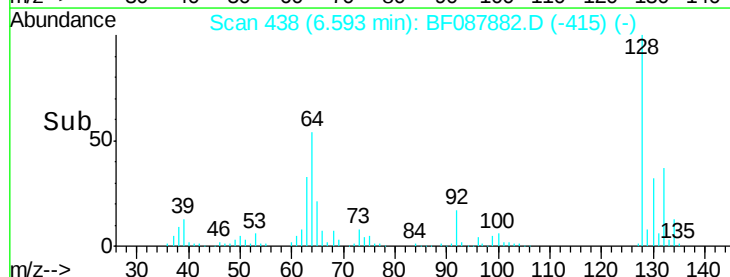
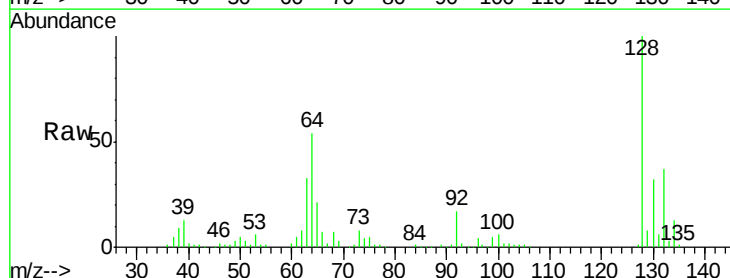
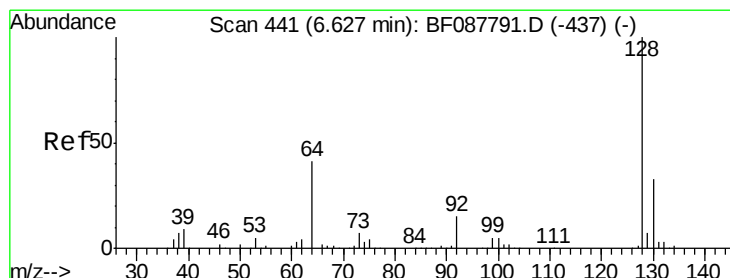
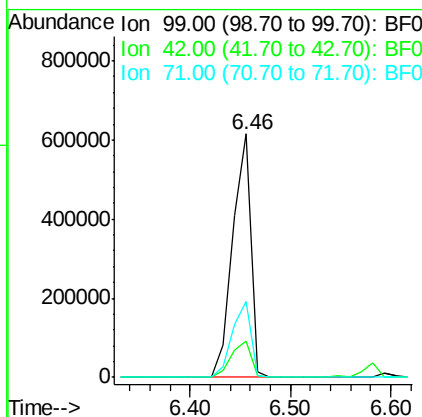
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#8

2-Chlorophenol

Concen: 26.48 ng

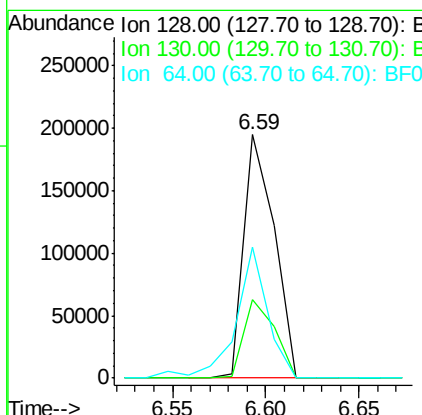
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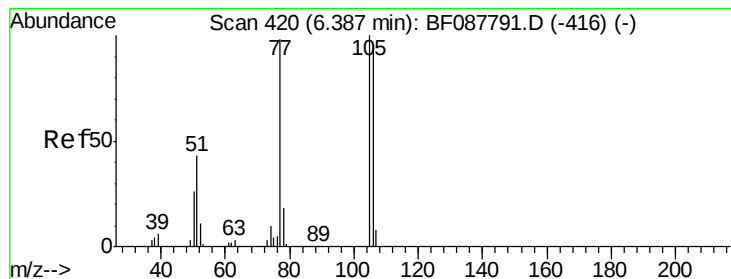
Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Tgt Ion:	128	Resp:	220384
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.0	52.0
64	54.0	30.8	70.8





#9

Benzaldehyde

Concen: 2.83 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF087882.D

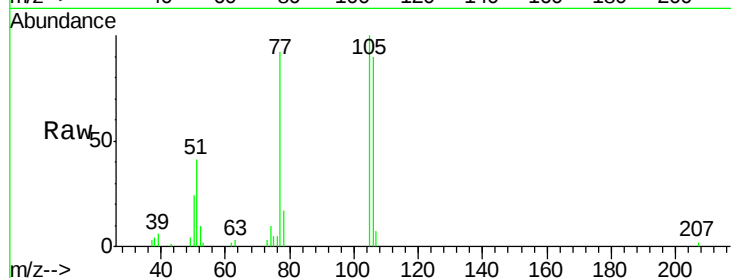
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Instrument :

BNA_F

ClientSampleId :

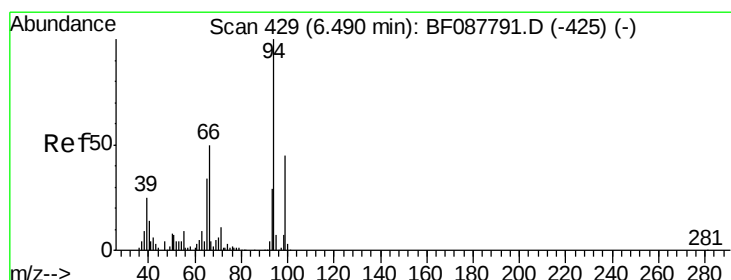
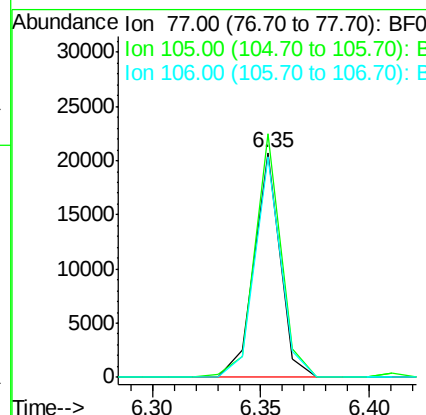
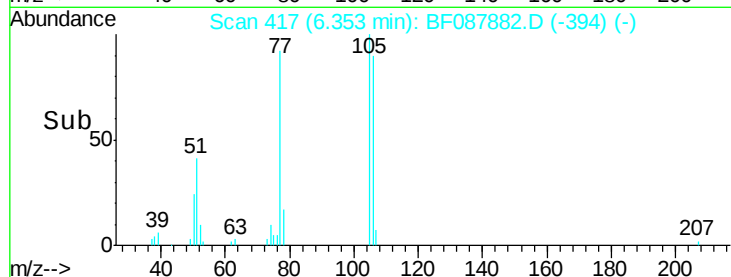
U5-B2(0-10)CMSD



Tot Ion:	77	Resp:	17123
Ion Ratio	Lower	Upper	
77	100		
105	108.2	90.6	130.6
106	97.9	85.3	125.3

Manual Integrations
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#10

Phenol

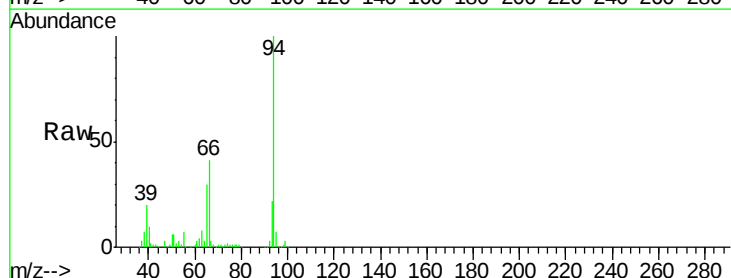
Concen: 36.83 ng

RT: 6.47 min Scan# 427

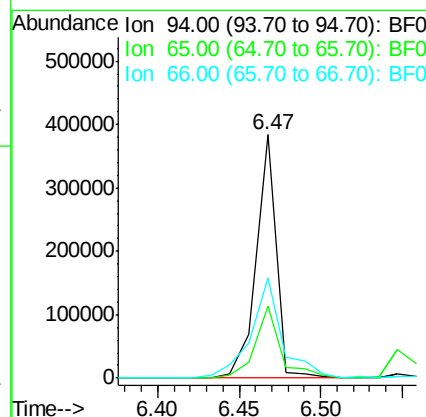
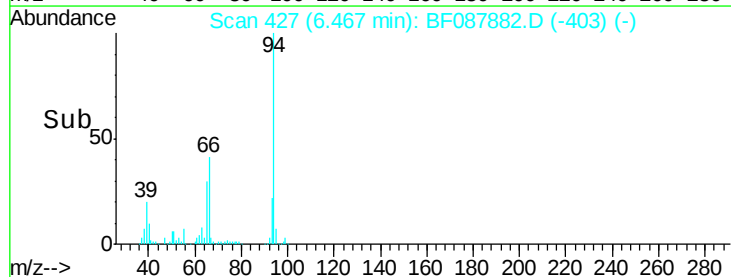
Delta R.T. -0.02 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52



Tgt Ion:	94	Resp:	327982
Ion Ratio	Lower	Upper	
94	100		
65	29.7	5.9	45.9
66	41.4	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 28.33 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

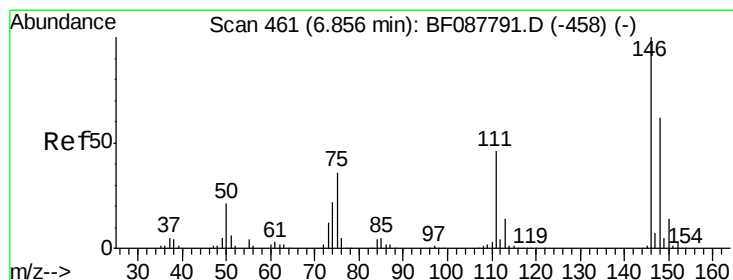
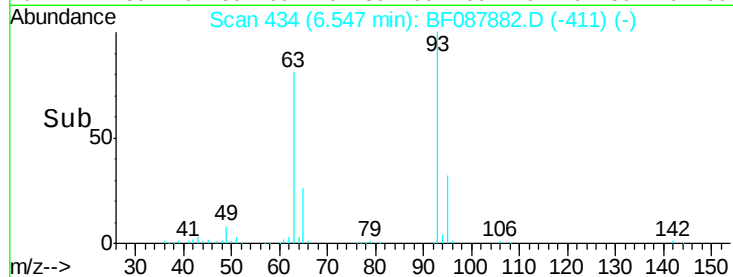
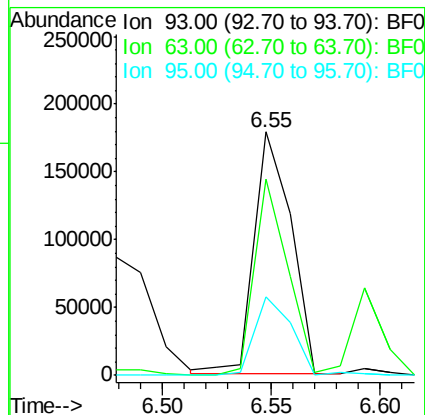
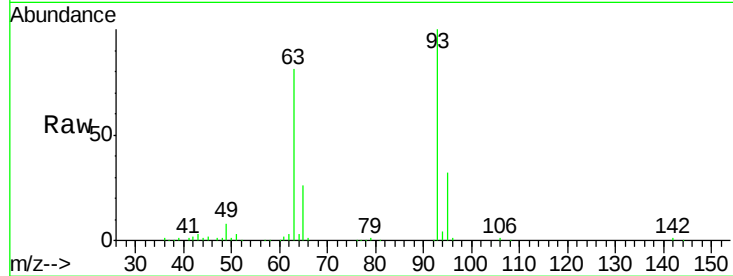
ClientSampleId :

U5-B2(0-10)CMSD

Tot Ion:	93	Resp:	211682
Ion Ratio	Lower	Upper	
93	100		
63	80.7	67.6	107.6
95	32.3	12.5	52.5

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#12

1,3-Dichlorobenzene

Concen: 26.83 ng

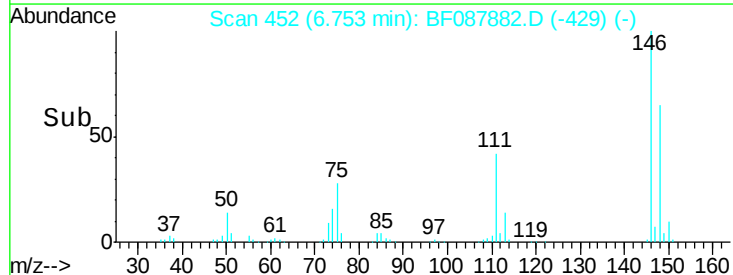
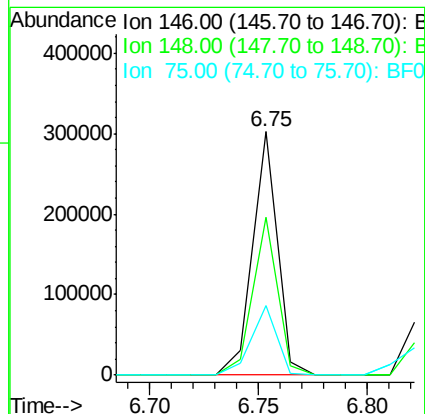
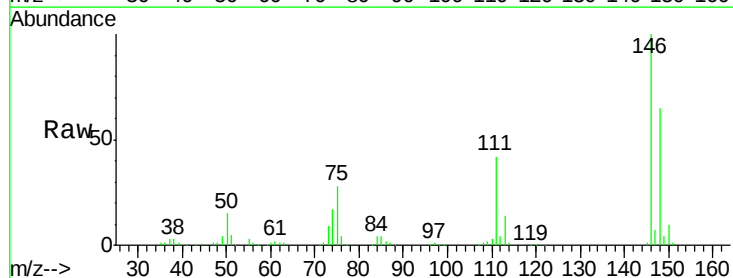
RT: 6.75 min Scan# 452

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Tgt Ion:	146	Resp:	239575
Ion Ratio	Lower	Upper	
146	100		
148	64.6	50.9	76.3
75	28.4	25.6	38.4





#13

1,4-Dichlorobenzene

Concen: 28.25 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

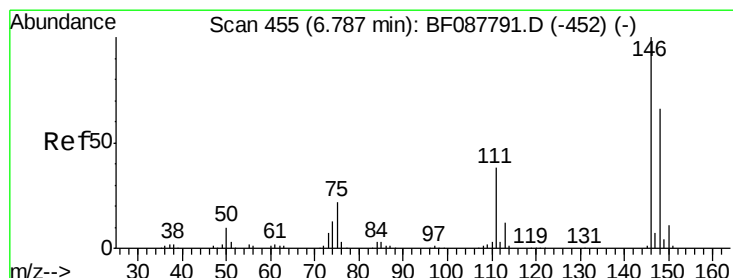
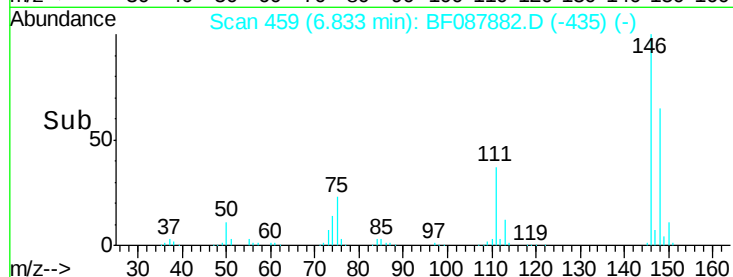
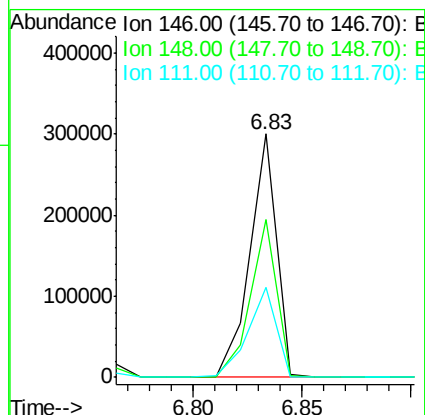
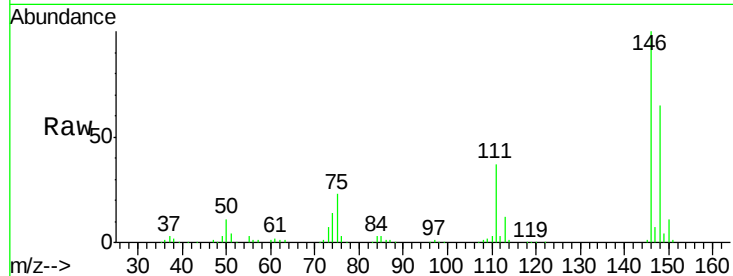
ClientSampleId :

U5-B2(0-10)CMSD

Tot Ion:	146	Resp:	254093
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.0	78.0
111	37.0	33.8	50.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 27.14 ng m

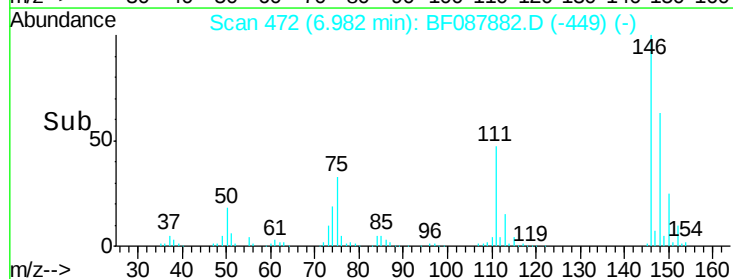
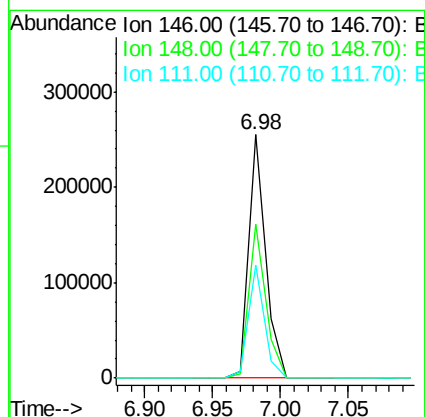
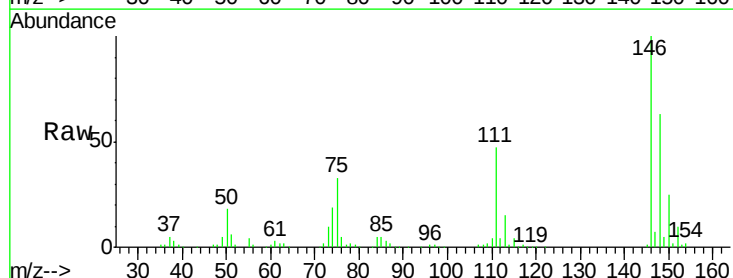
RT: 6.98 min Scan# 472

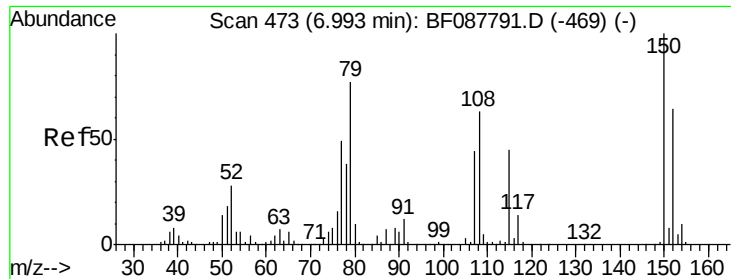
Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Tgt Ion:	146	Resp:	222009
Ion Ratio	Lower	Upper	
146	100		
148	63.2	52.3	78.5
111	46.7	28.7	43.1#





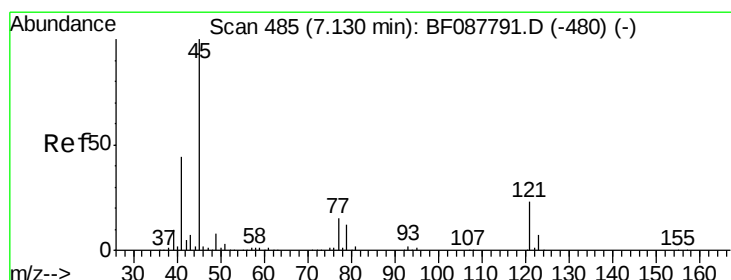
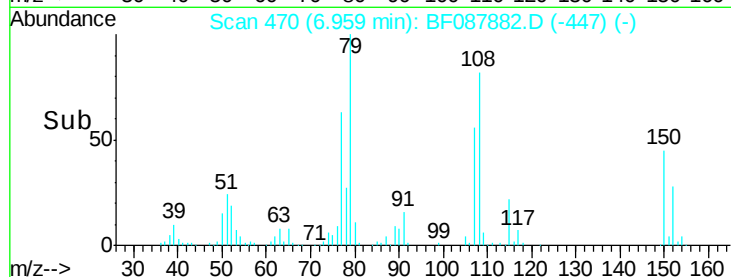
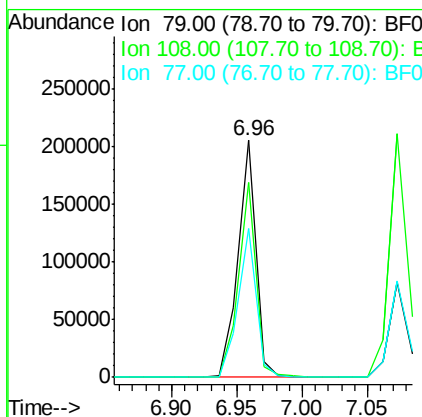
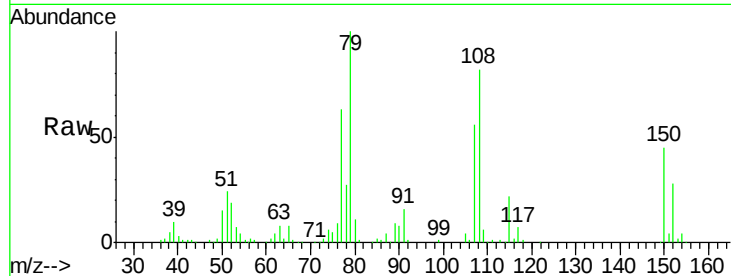
#15
Benzyl Alcohol
Concen: 29.21 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.3	65.0	97.6
77	62.9	50.3	75.5

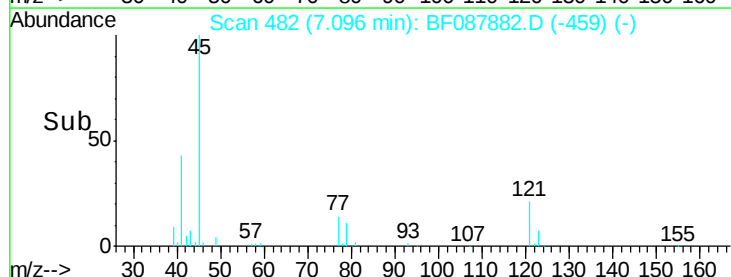
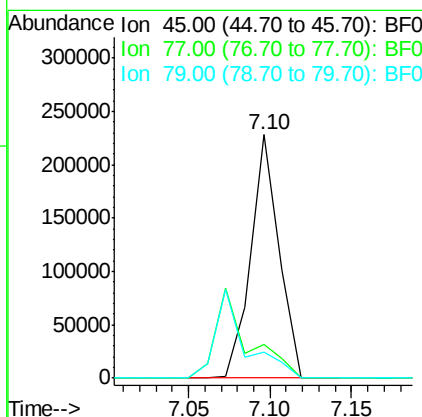
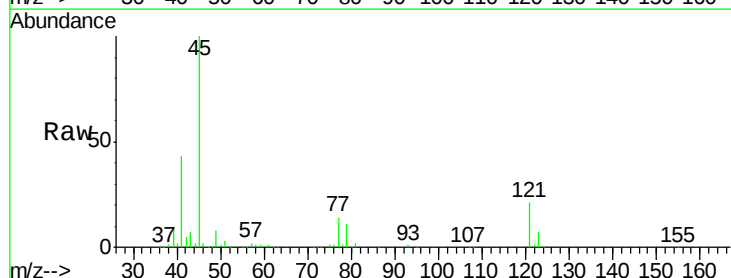
Manual Integrations
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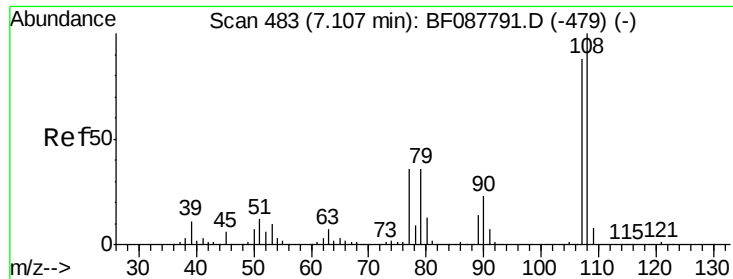
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#16
2,2'-oxybis(1-chloropropane)
Concen: 27.07 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	32.5
79	10.8	0.0	29.5





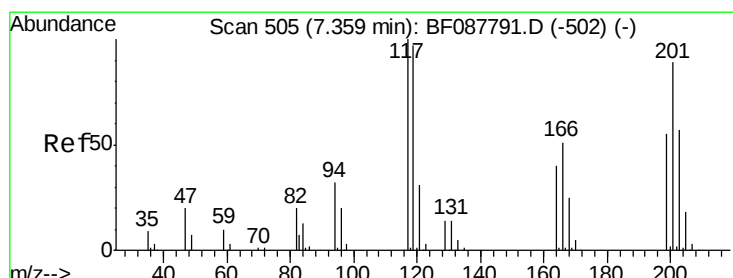
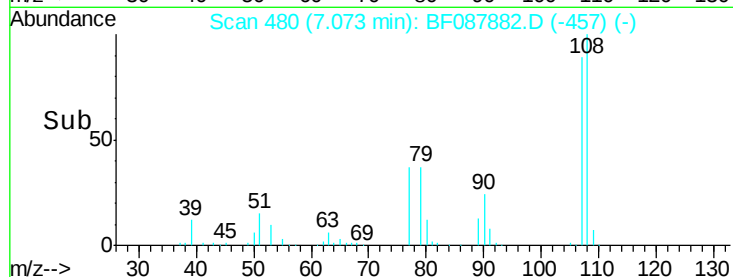
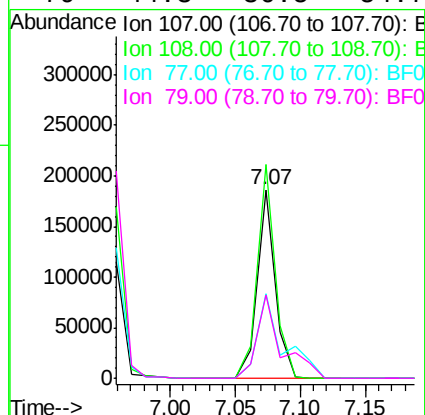
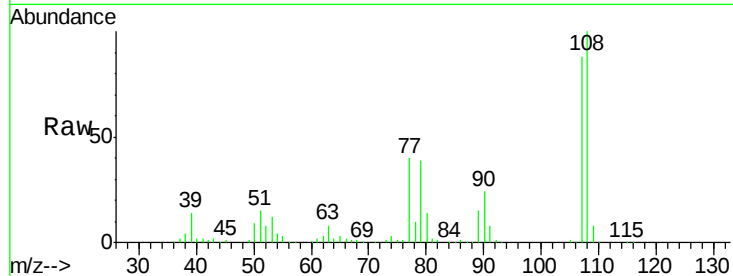
#17
2-Methylphenol
Concen: 26.67 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	180031		
108	108	113.2	90.9	136.3	
77	77	45.0	36.6	55.0	
79	79	44.3	36.5	54.7	

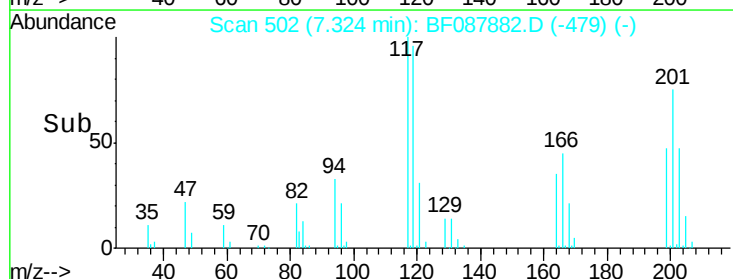
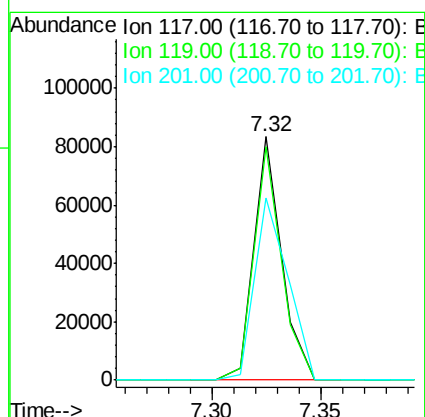
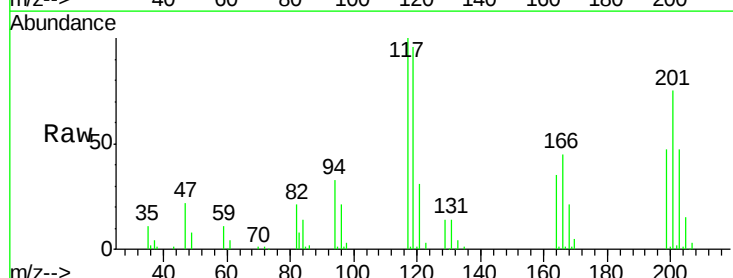
Manual Integrations
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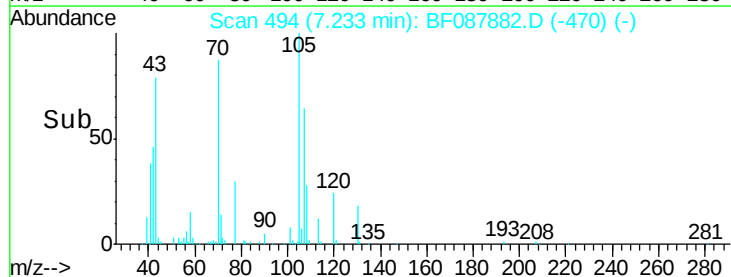
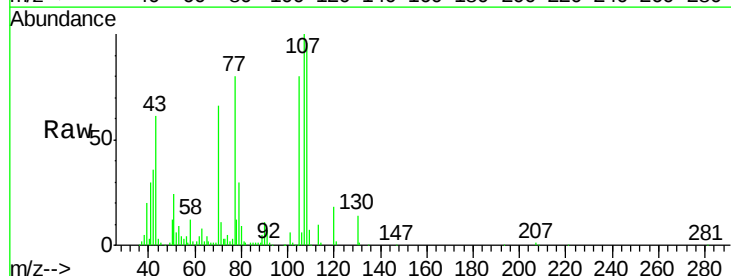
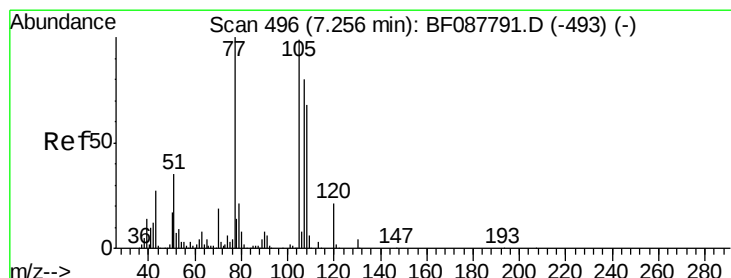
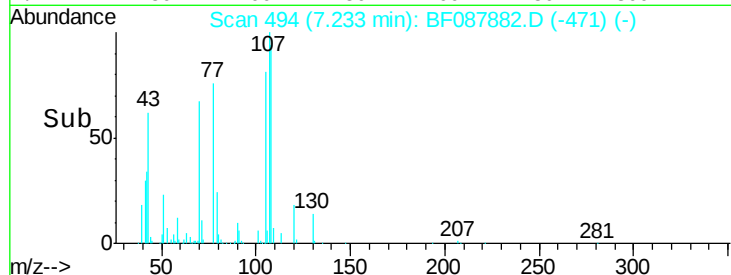
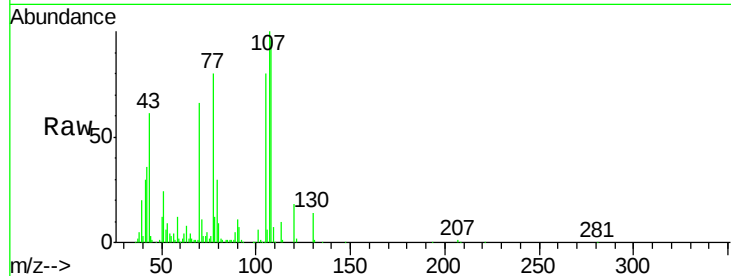
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#18
Hexachloroethane
Concen: 23.13 ng
RT: 7.32 min Scan# 502
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	73827		
119	119	95.7	77.4	116.2	
201	201	74.6	80.4	120.6	

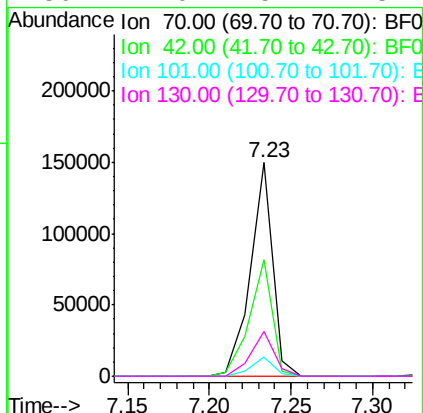




#19
n-Nitroso-di-n-propylamine
Concen: 26.13 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	54.5	49.6	74.4		
101	9.2	7.1	10.7		
130	21.0	15.4	23.2		

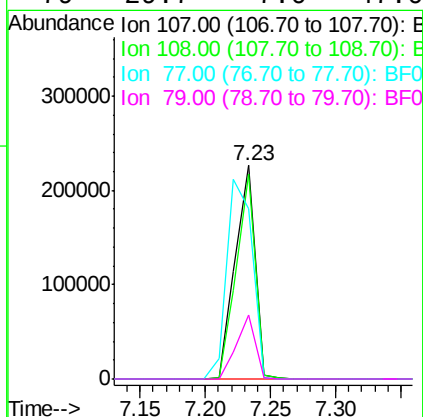


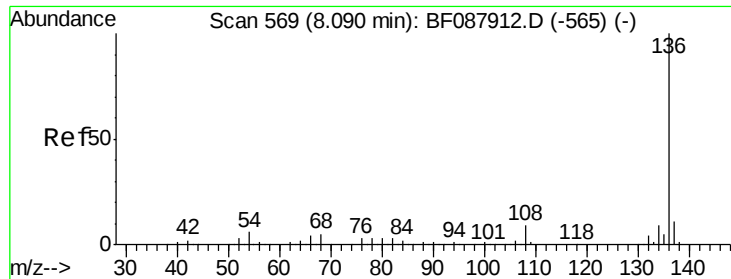
Manual Integrations
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#20
3+4-Methylphenols
Concen: 30.34 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	95.6	67.8	107.8		
77	79.7	59.3	99.3		
79	29.7	7.0	47.0		





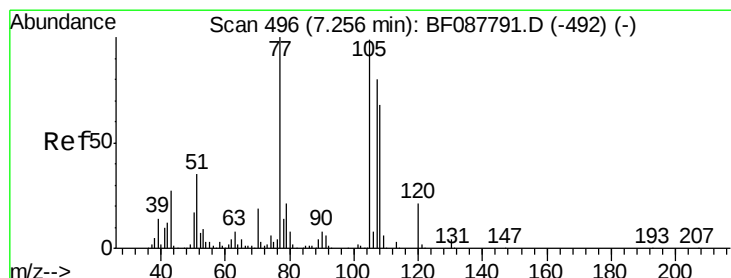
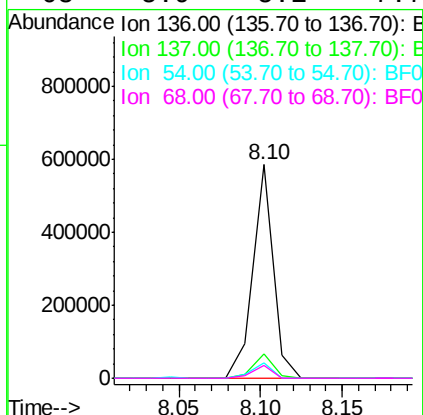
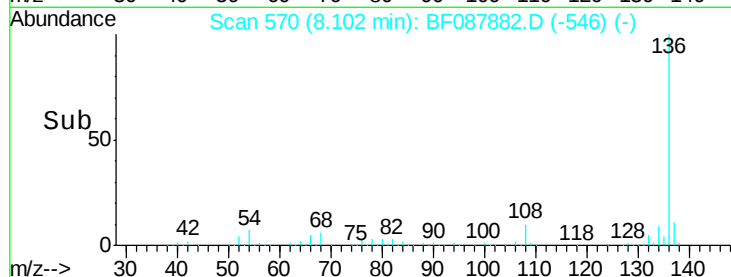
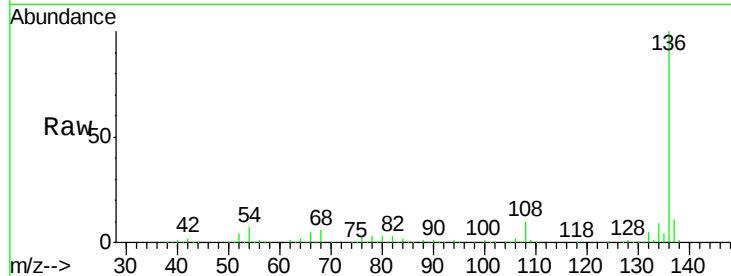
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	7.2	6.6	10.0	
68	5.9	5.1	7.7	

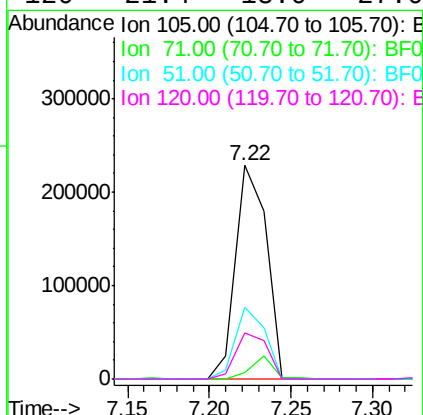
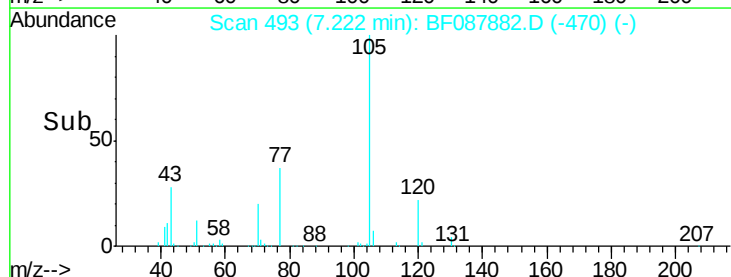
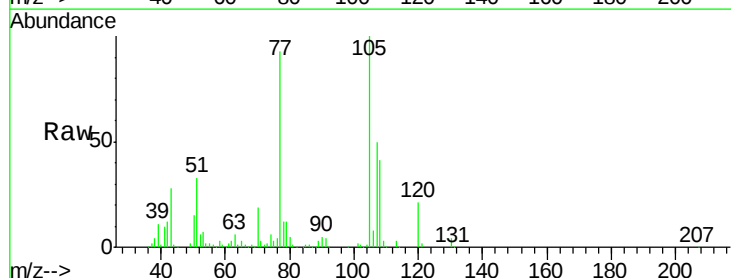
Manual Integrations
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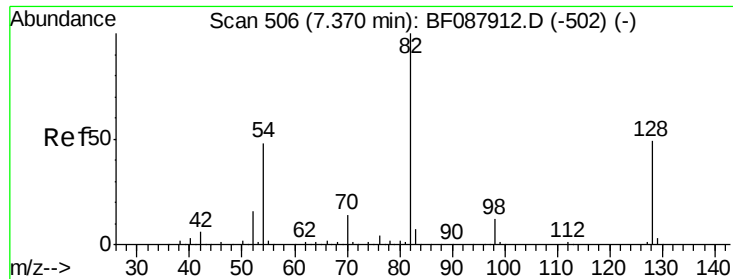
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#22
Acetophenone
Concen: 26.12 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.3	5.3	7.9#	
51	33.5	18.2	27.4#	
120	21.4	18.0	27.0	





#23

Nitrobenzene-d5

Concen: 51.74 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

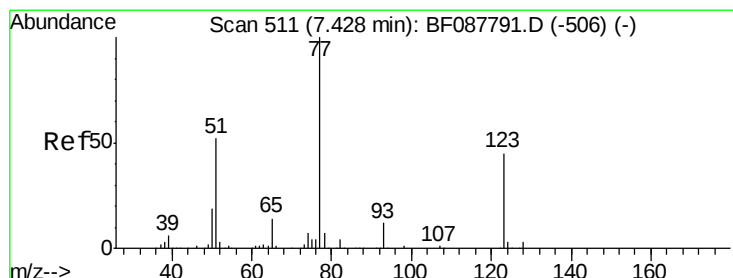
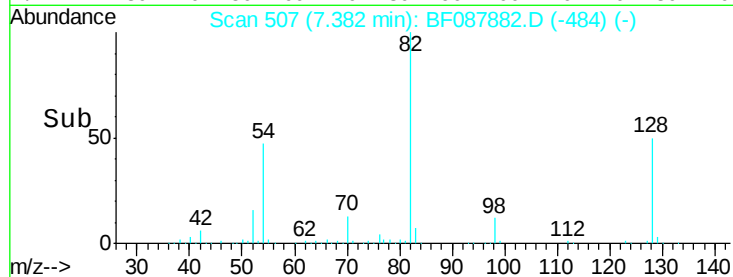
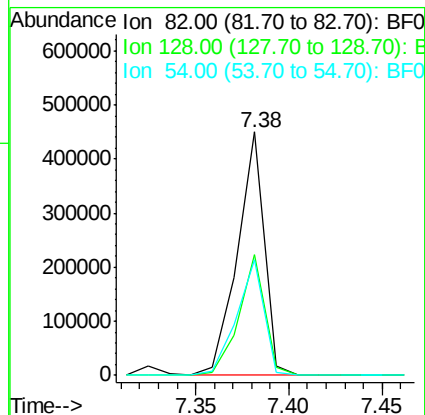
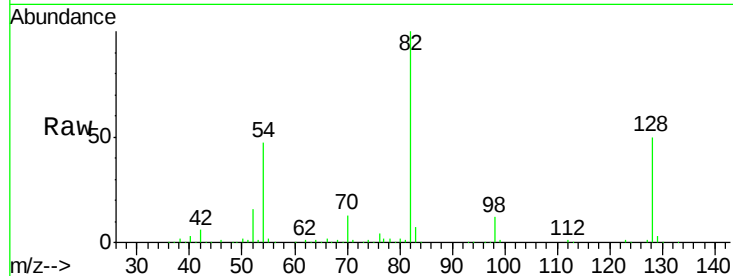
ClientSampleId :

U5-B2(0-10)CMSD

Tot Ion:	82	Resp:	453702
Ion Ratio	Lower	Upper	
82	100		
128	49.7	35.9	53.9
54	47.5	40.9	61.3

Manual Integrations
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#24

Nitrobenzene

Concen: 26.17 ng

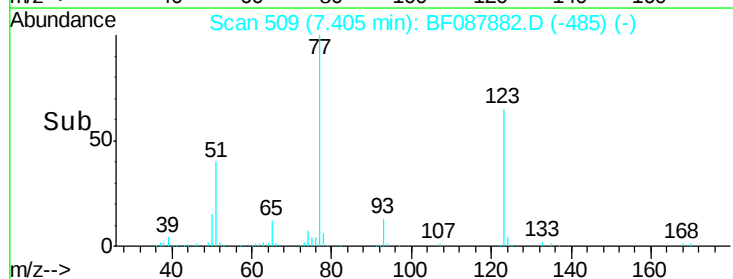
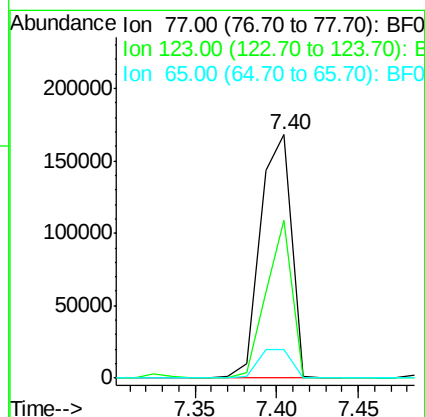
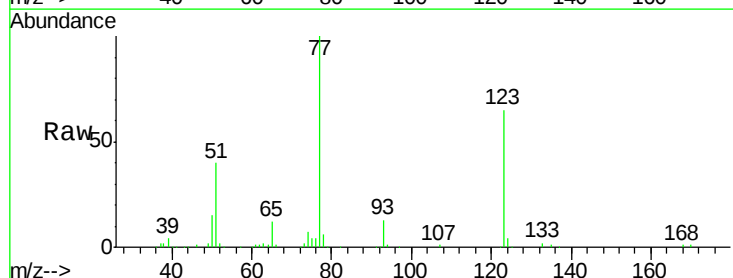
RT: 7.40 min Scan# 509

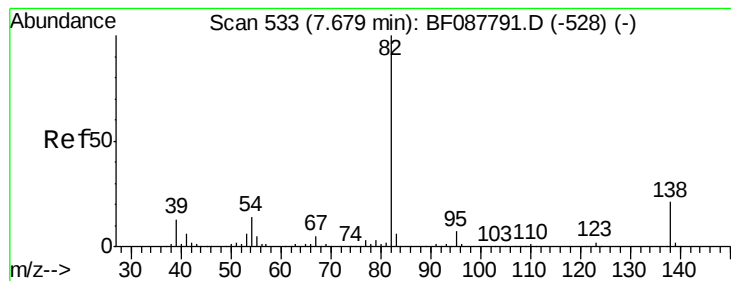
Delta R.T. -0.02 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Tgt Ion:	77	Resp:	222315
Ion Ratio	Lower	Upper	
77	100		
123	64.9	45.0	67.4
65	11.8	10.2	15.2





#25

Isophorone

Concen: 24.55 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

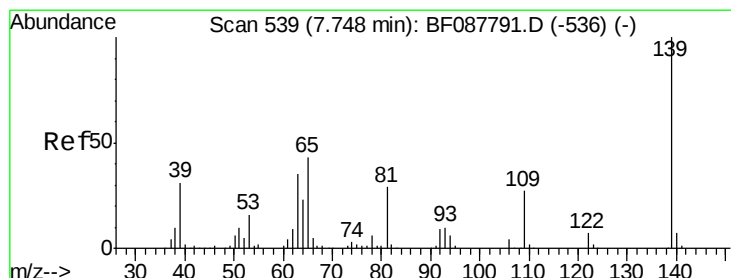
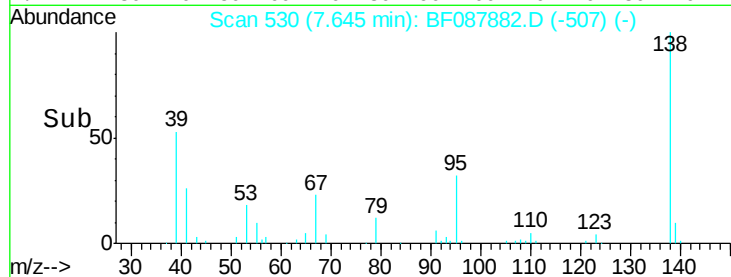
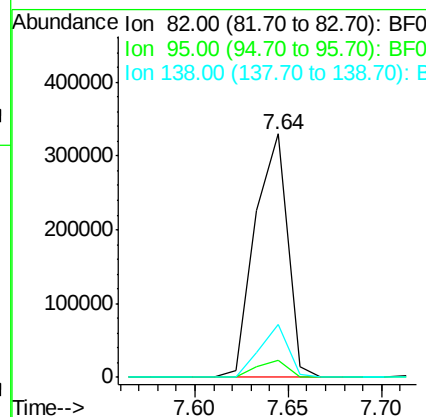
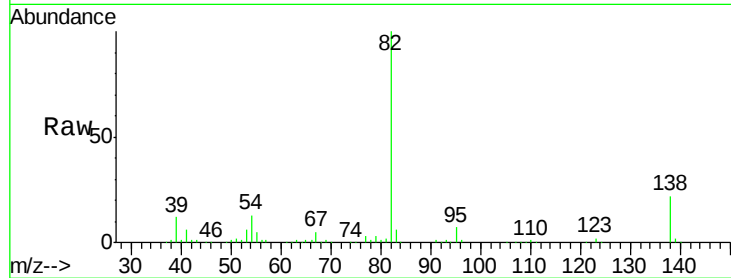
ClientSampleId :

U5-B2(0-10)CMSD

Tot Ion:	82	Resp:	398776
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	21.8	14.6	21.8#

Manual Integrations
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#26

2-Nitrophenol

Concen: 23.97 ng

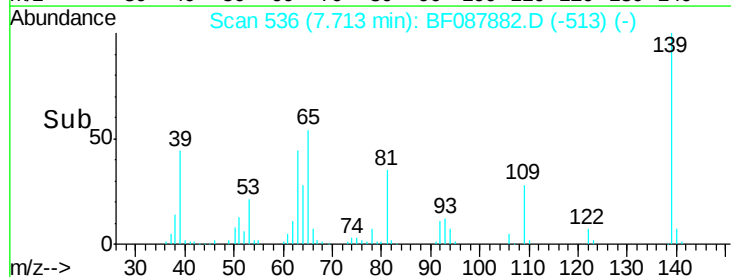
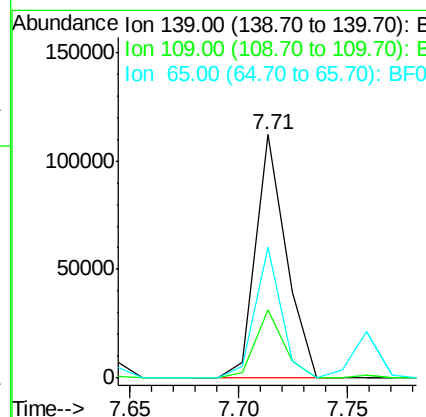
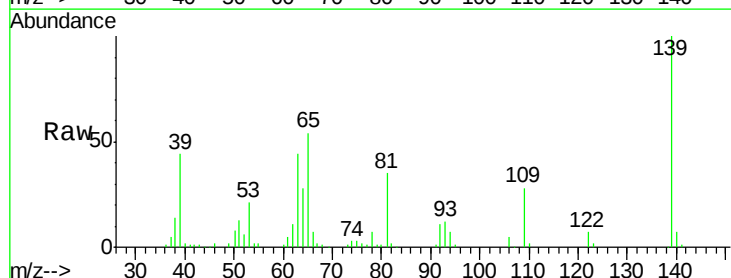
RT: 7.71 min Scan# 536

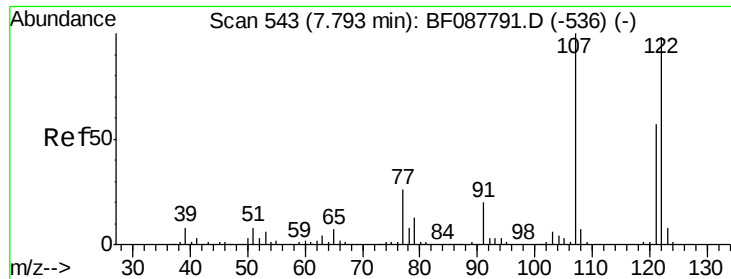
Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Tgt Ion:	139	Resp:	109085
Ion Ratio	Lower	Upper	
139	100		
109	28.1	23.0	34.4
65	53.7	45.8	68.8





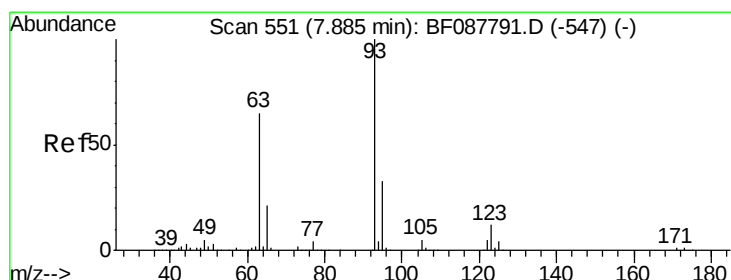
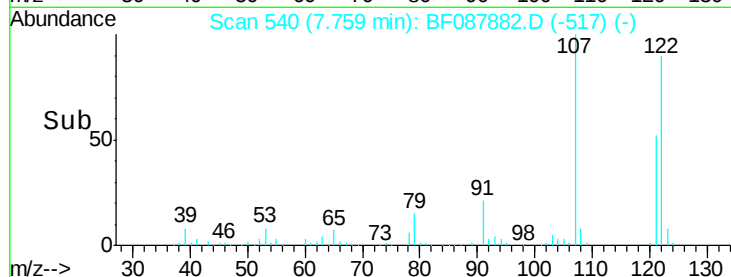
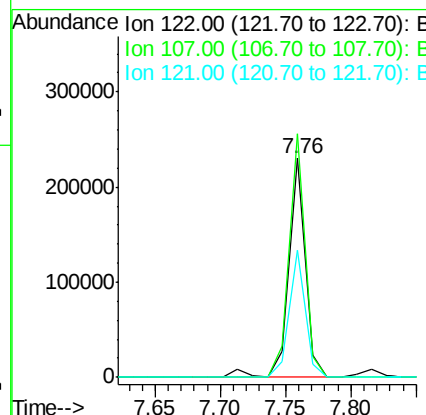
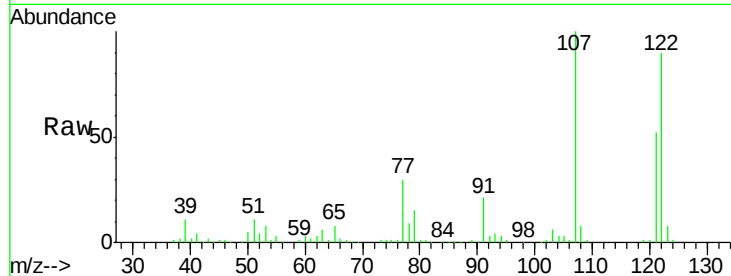
#27
2,4-Dimethylphenol
Concen: 24.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	201040		
107	111.3	82.4	123.6	
121	58.0	46.3	69.5	

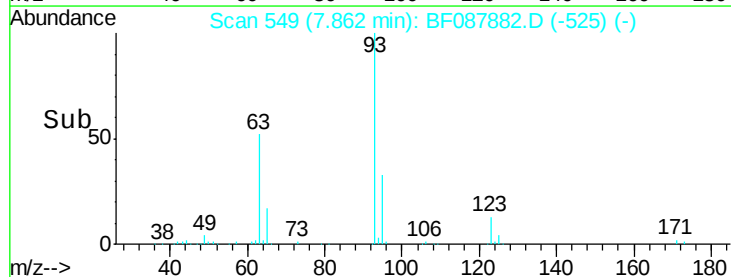
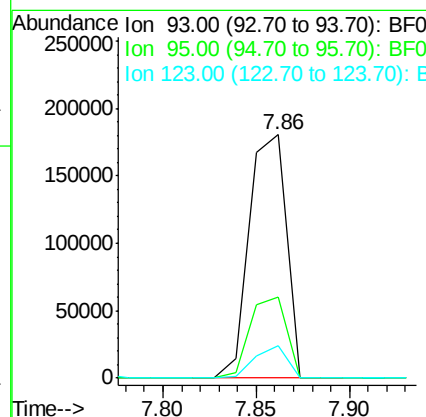
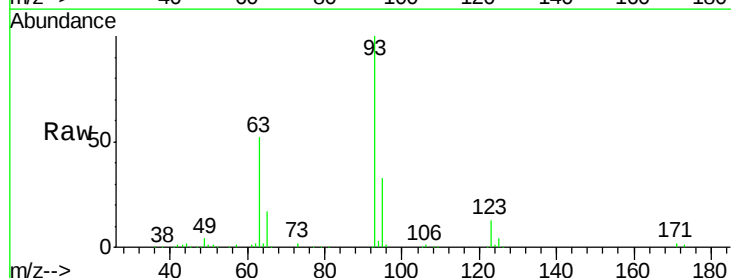
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#28
bis(2-Chloroethoxy)methane
Concen: 24.71 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	248964		
95	33.3	26.5	39.7	
123	13.3	11.6	17.4	





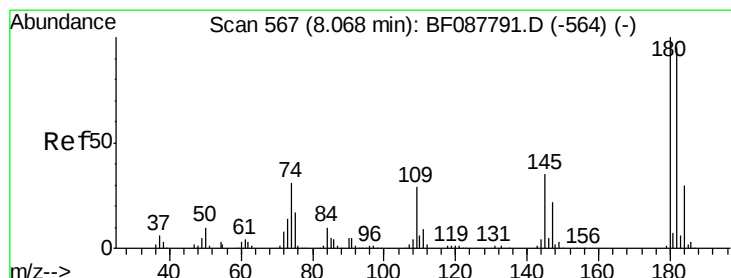
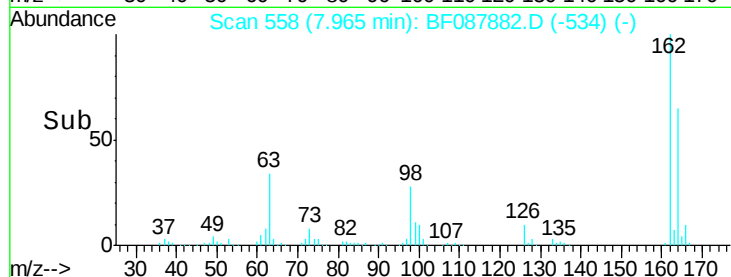
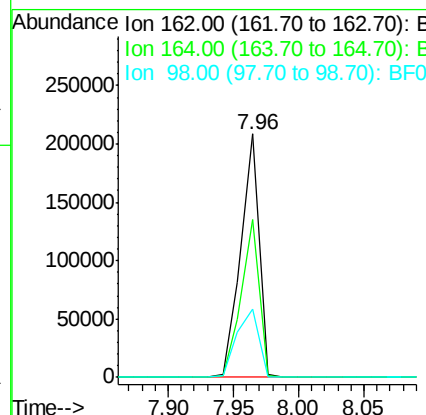
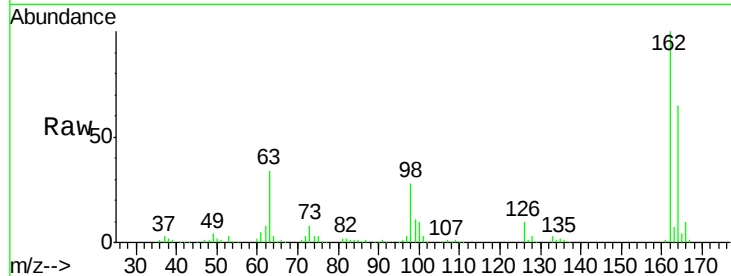
#29
 2,4-Dichlorophenol
 Concen: 29.11 ng
 RT: 7.96 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.0	43.8	83.8
98	27.9	21.3	61.3

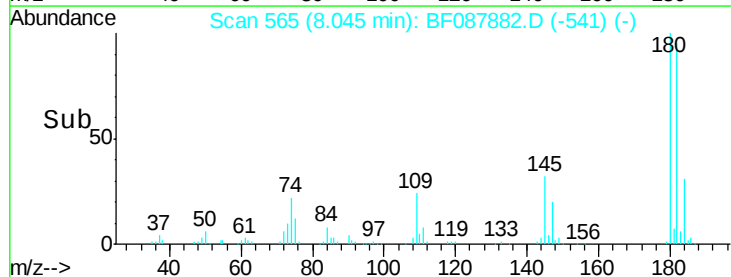
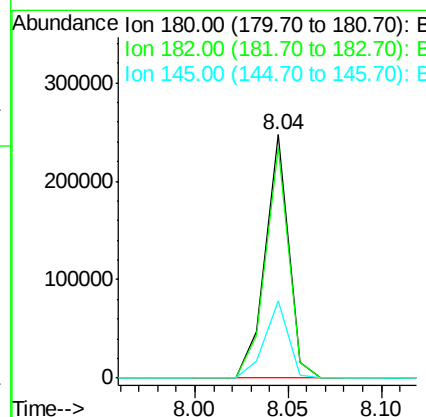
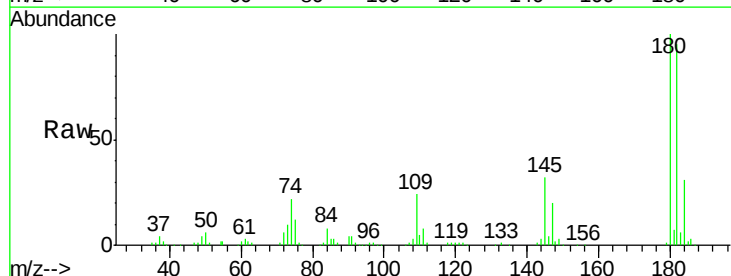
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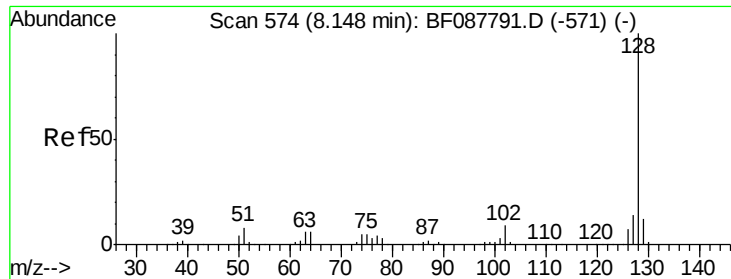
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#30
 1,2,4-Trichlorobenzene
 Concen: 28.00 ng
 RT: 8.04 min Scan# 565
 Delta R.T. -0.02 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.0	76.0	114.0
145	31.7	26.5	39.7





#31

Naphthalene

Concen: 28.62 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

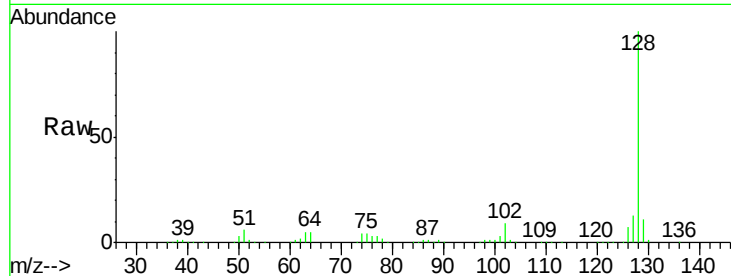
ClientSampleId :

U5-B2(0-10)CMSD

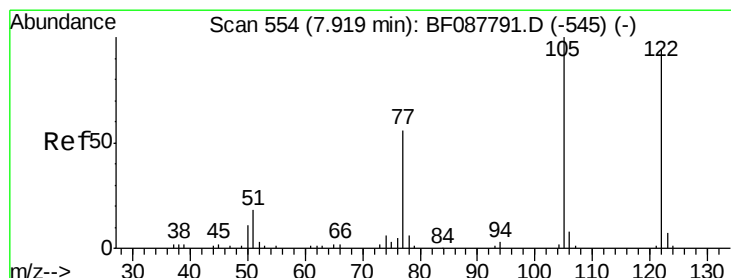
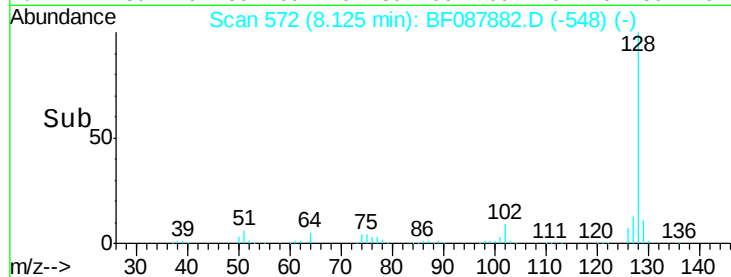
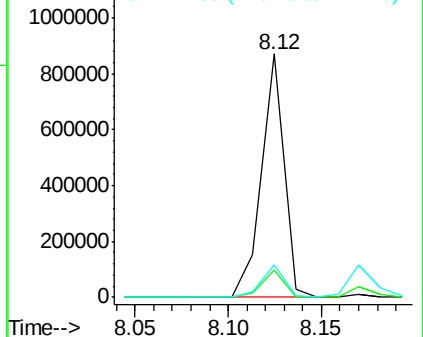
Tot Ion:	128	Resp:	725283
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.4	14.2
127	13.4	10.9	16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.09 ng

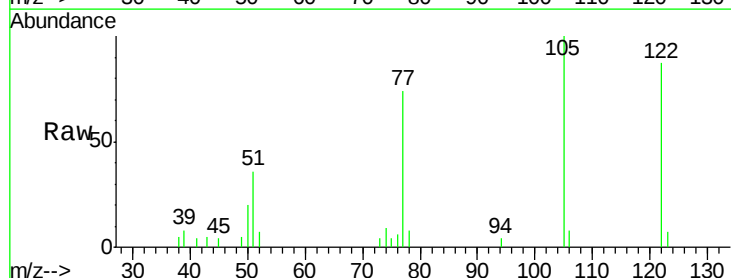
RT: 7.82 min Scan# 545

Delta R.T. -0.10 min

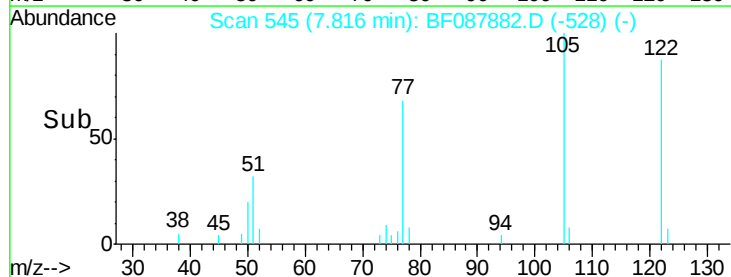
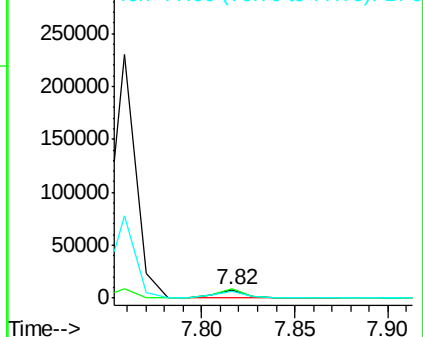
Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Tgt Ion:	122	Resp:	9658
Ion Ratio	Lower	Upper	
122	100		
105	114.7	101.6	141.6
77	84.8	70.6	110.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





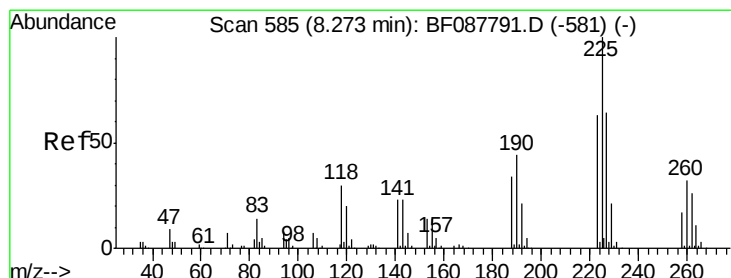
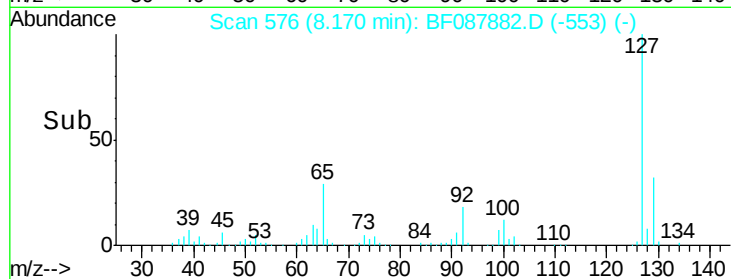
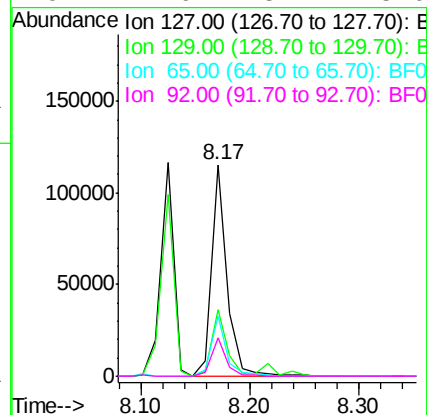
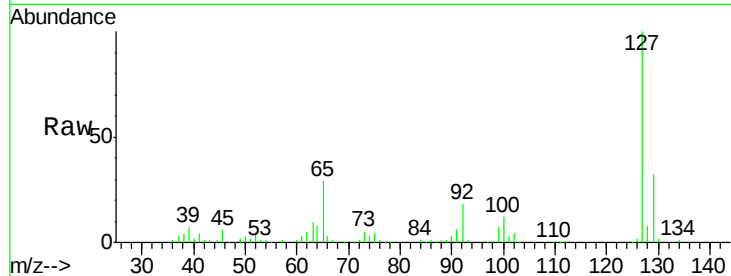
#33
4-Chloroaniline
Concen: 10.21 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	26.3	39.5		
65	28.6	24.7	37.1		
92	17.9	15.4	23.0		

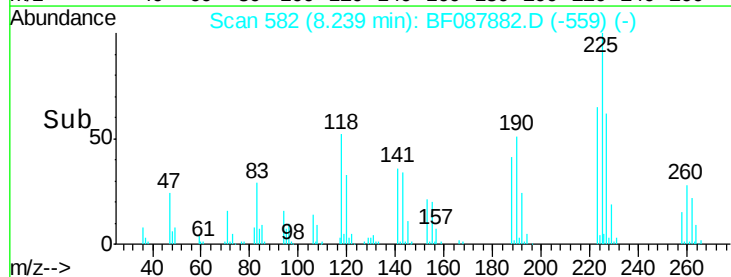
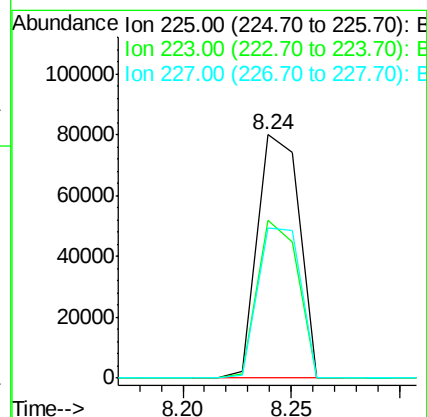
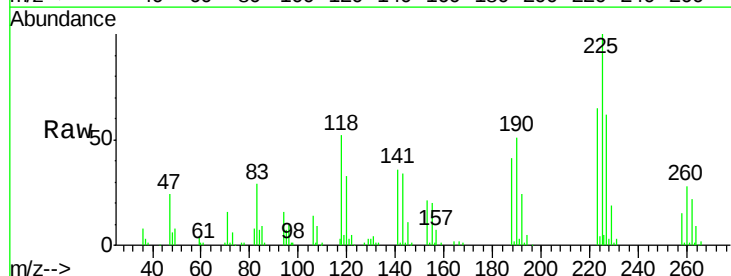
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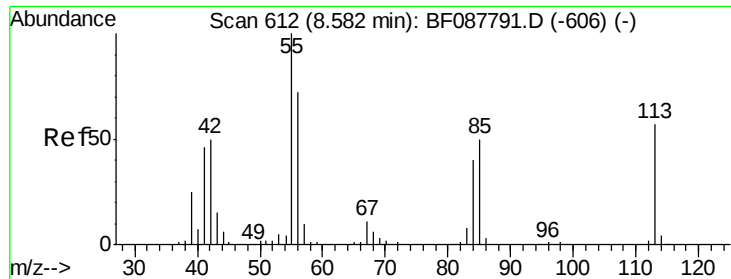
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#34
Hexachlorobutadiene
Concen: 26.69 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.7	50.9	76.3		
227	61.8	51.9	77.9		





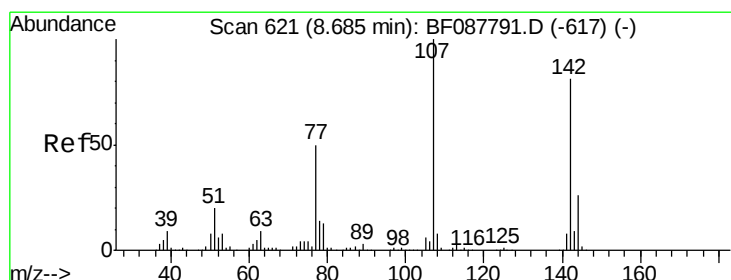
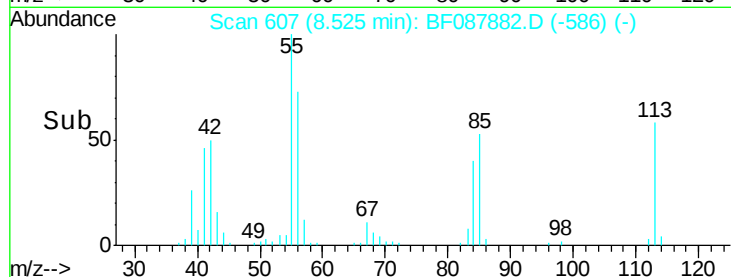
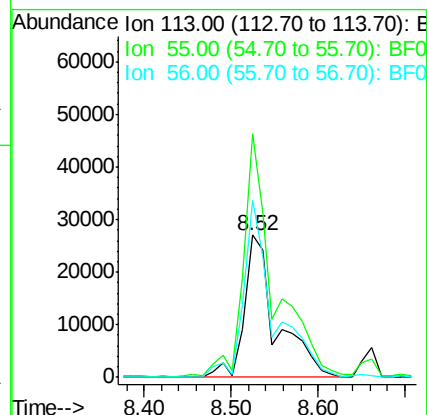
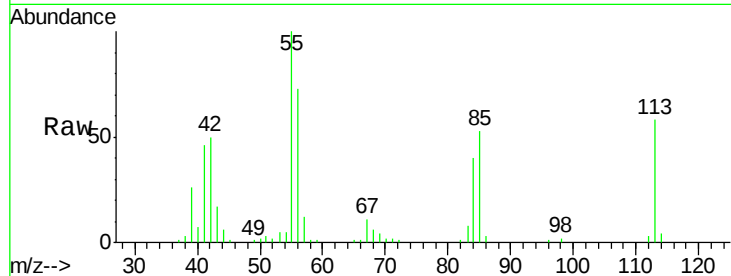
#35
 Caprolactam
 Concen: 29.85 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.06 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	171.3	158.6	198.6
56	124.9	110.6	150.6

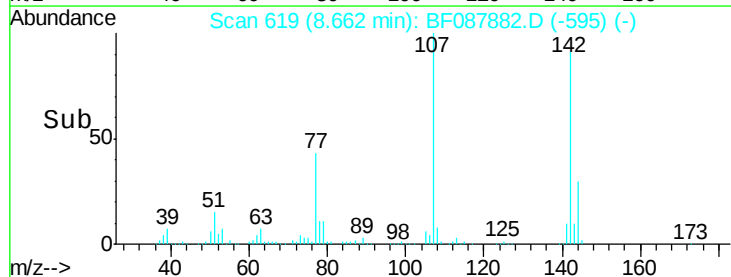
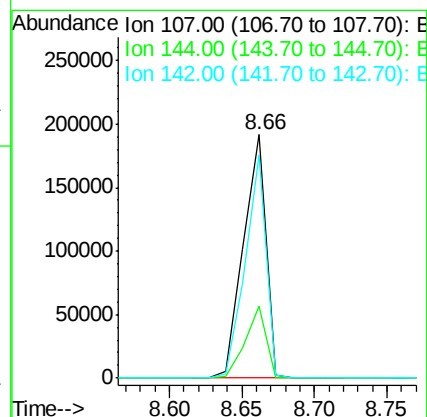
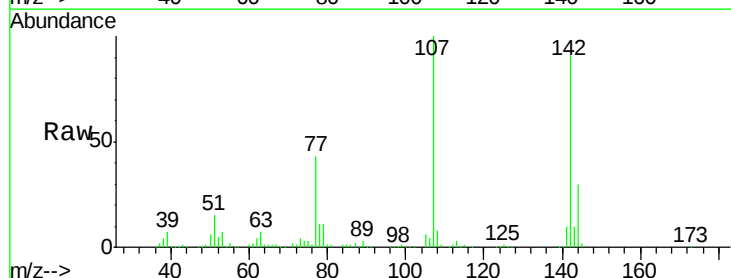
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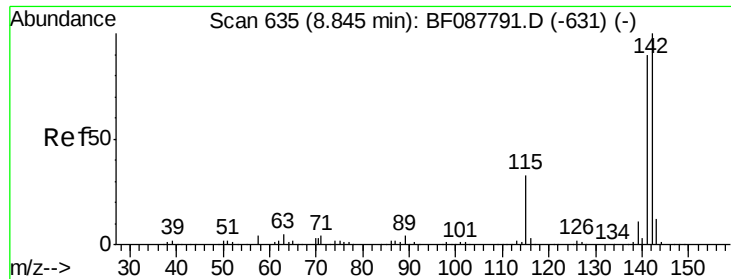
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#36
 4-Chloro-3-methylphenol
 Concen: 27.59 ng
 RT: 8.66 min Scan# 619
 Delta R.T. -0.02 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.8	20.8	31.2
142	91.5	63.4	95.2





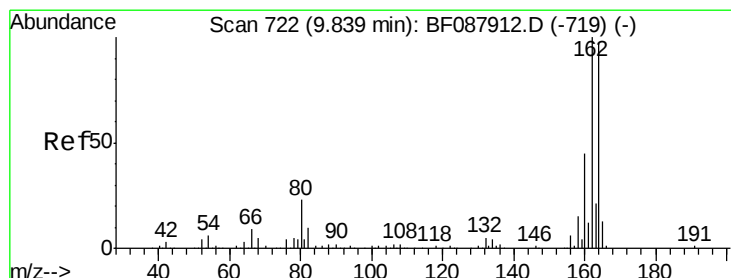
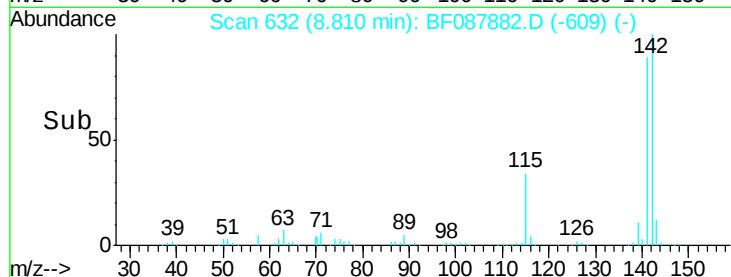
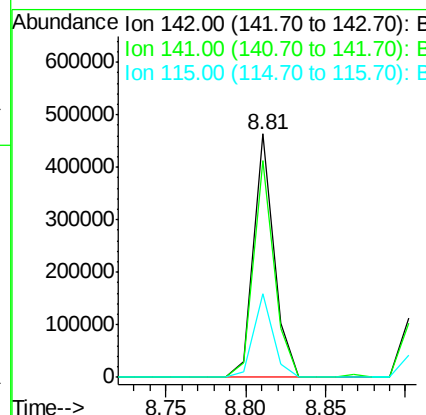
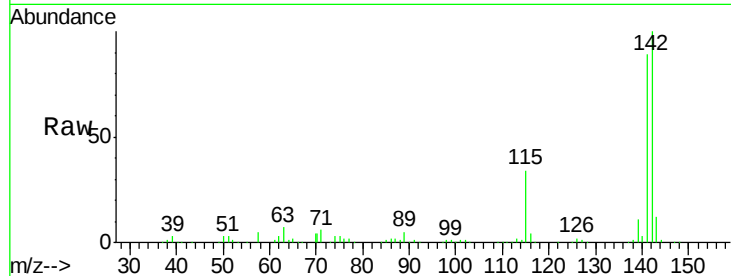
#37
2-Methylnaphthalene
Concen: 24.53 ng/mL
RT: 8.81 min Scan# 632
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	34.4	22.6	33.8

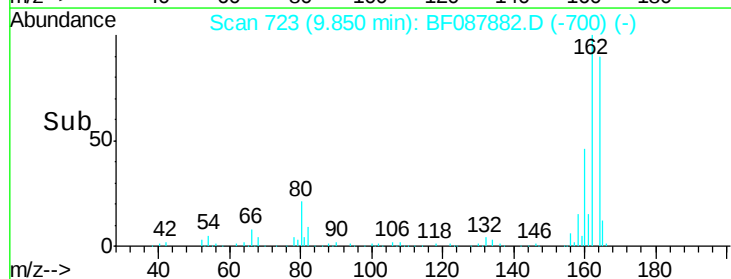
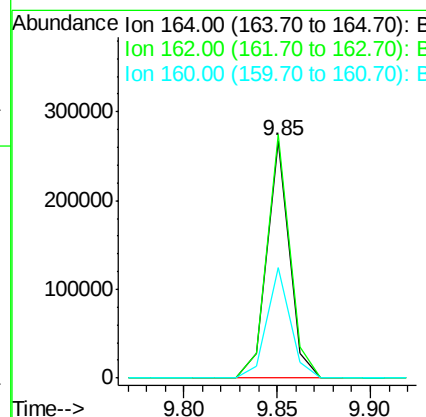
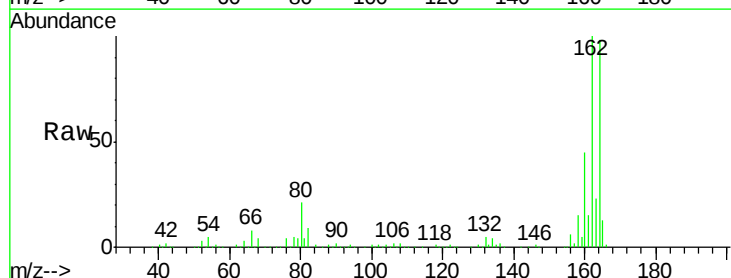
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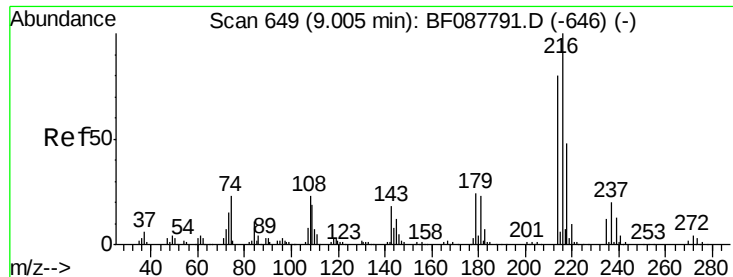
SOHIL
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#38
Acenaphthene-d10
Concen: 20.00 ng/mL
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	85.4	128.2
160	46.4	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.62 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

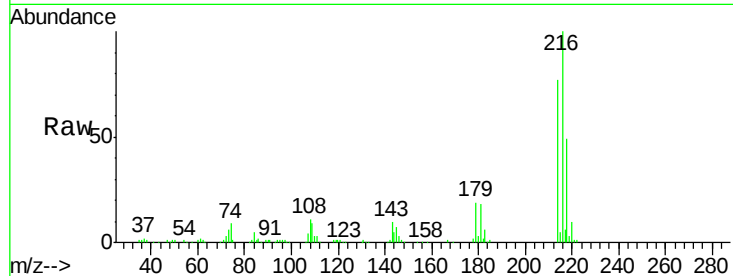
ClientSampleId :

U5-B2(0-10)CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.1	2.9	4.3#		
179	20.8	0.0	0.0#		
108	17.2	0.5	0.7#		

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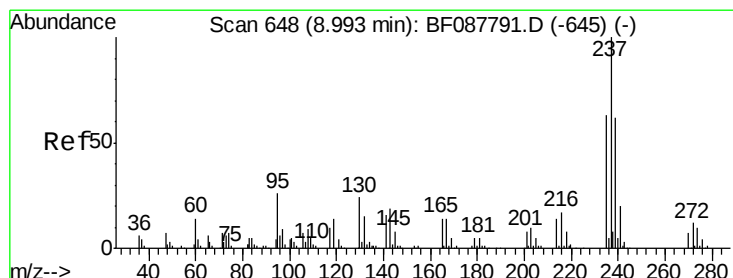
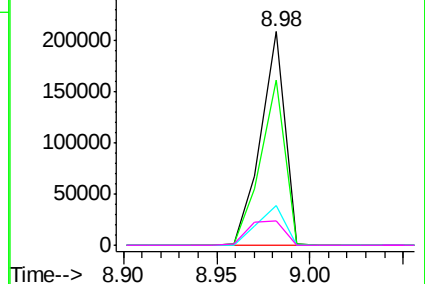
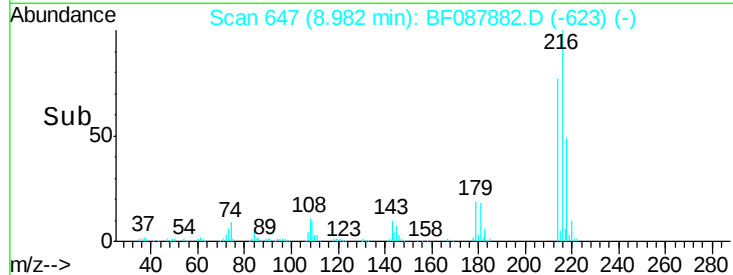


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 7.78 ng

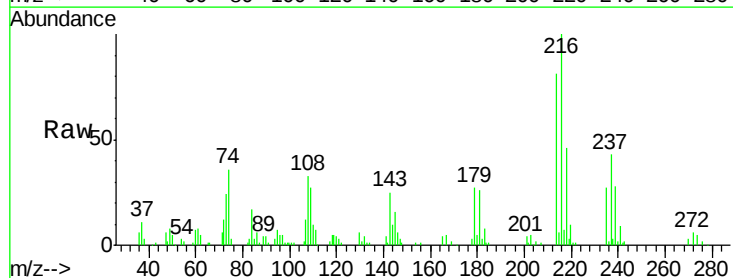
RT: 8.97 min Scan# 646

Delta R.T. -0.02 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

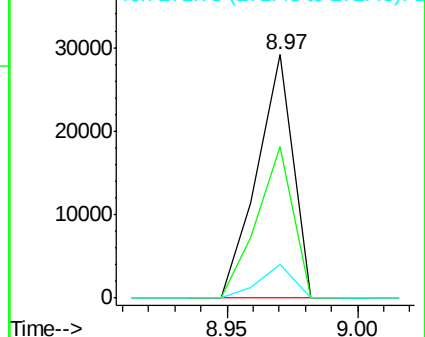
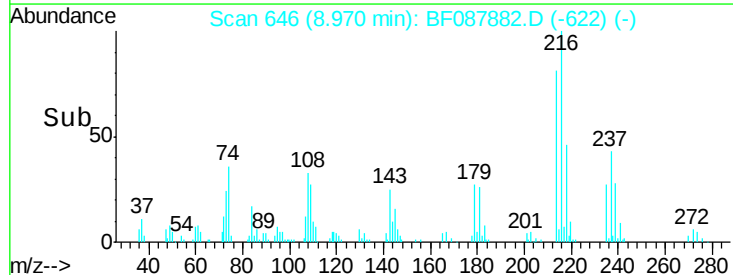
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.4	43.4	83.4		
272	14.0	0.0	32.3		

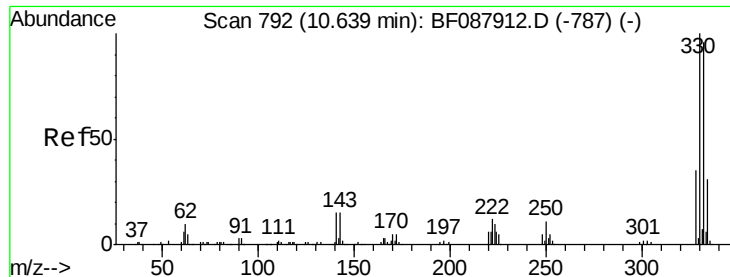


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





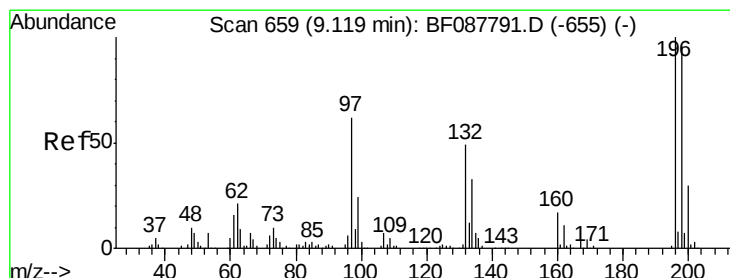
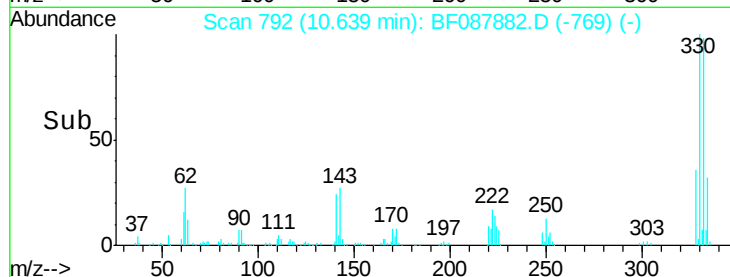
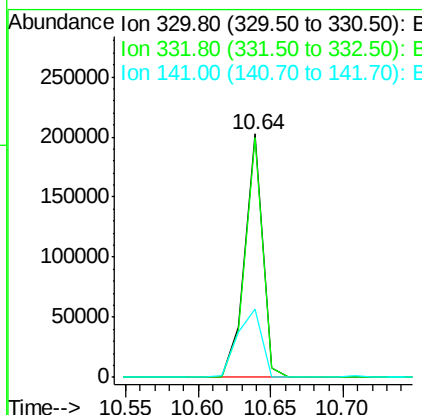
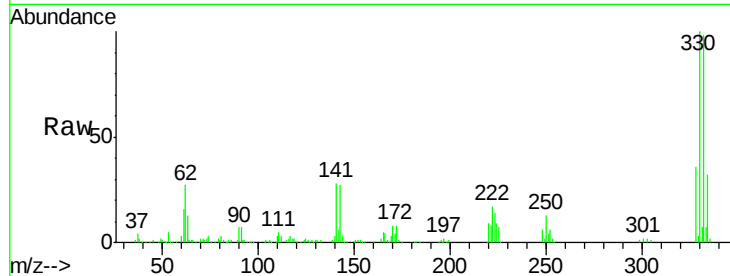
#41
 2,4,6-Tribromophenol
 Concen: 74.42 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	174220		
332	97.4	0.0	0.0	0.0
141	37.7	0.0	0.0	0.0

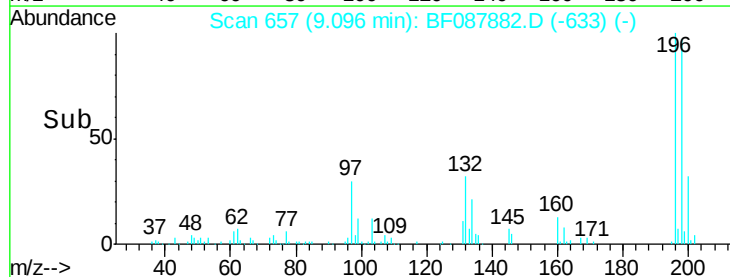
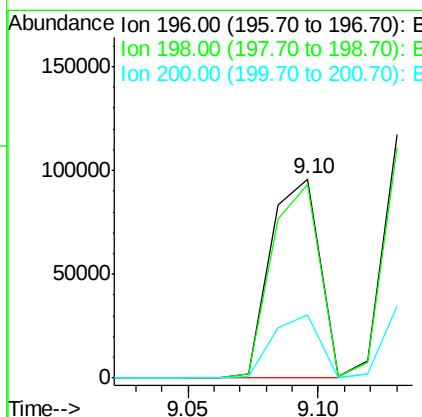
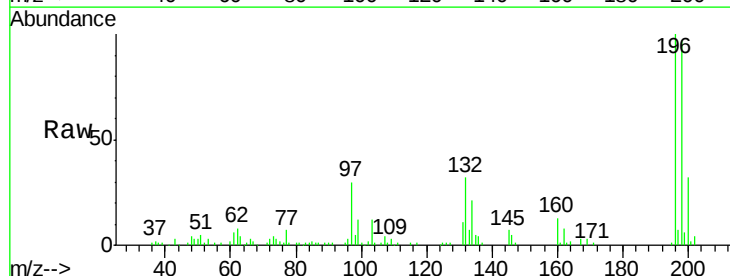
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 28.22 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	125132		
198	97.2	78.0	117.0	
200	31.6	25.4	38.2	





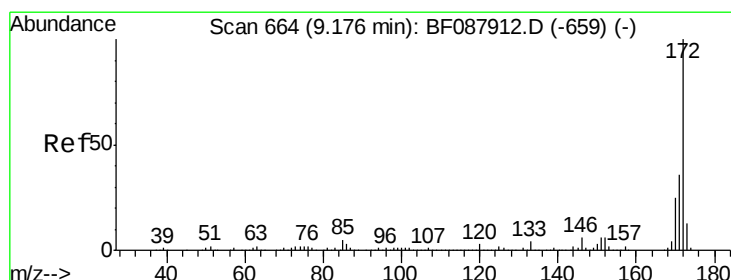
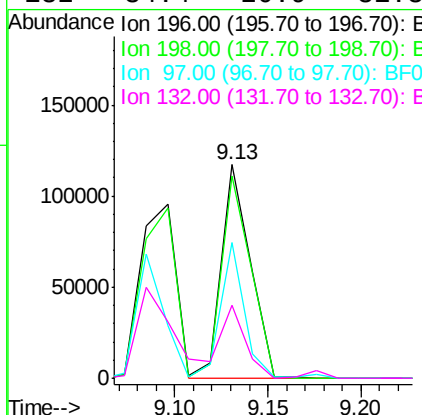
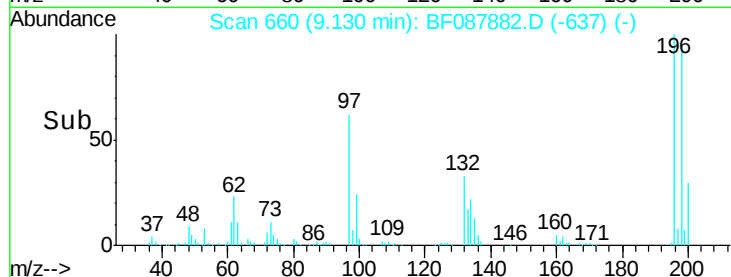
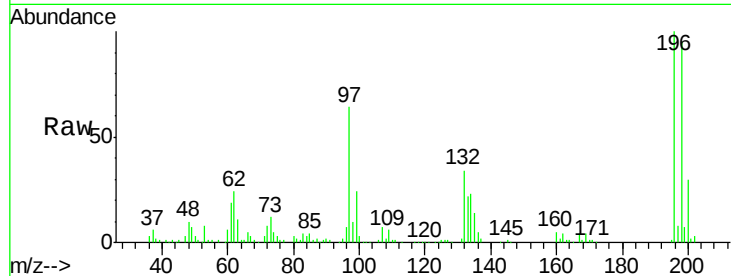
#43
 2,4,5-Trichlorophenol
 Concen: 27.53 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.03 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		127005		
198	94.8	77.5	116.3		
97	63.8	32.0	48.0#		
132	34.4	20.9	31.3#		

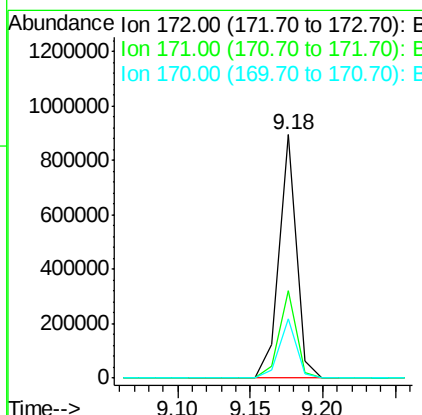
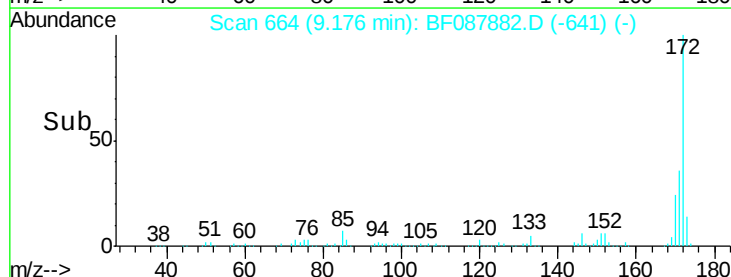
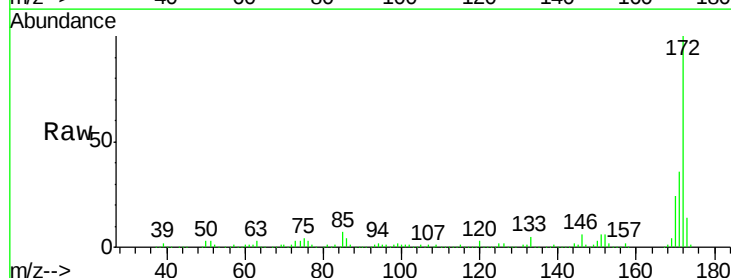
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#44
 2-Fluorobiphenyl
 Concen: 50.29 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		741684		
171	36.2	28.6	43.0		
170	24.3	19.2	28.8		





#45

1,1'-Biphenyl

Concen: 29.72 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

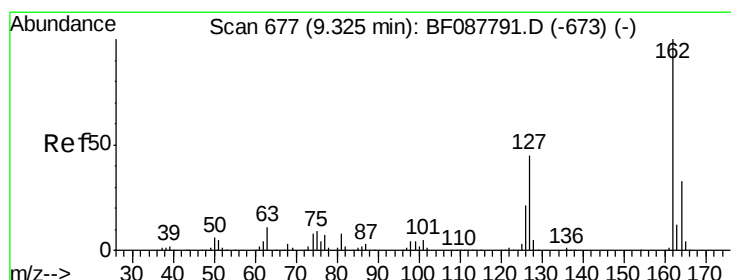
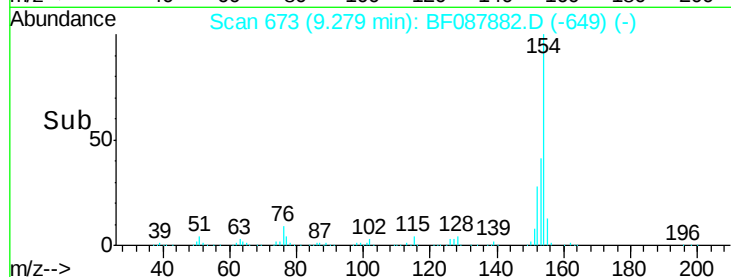
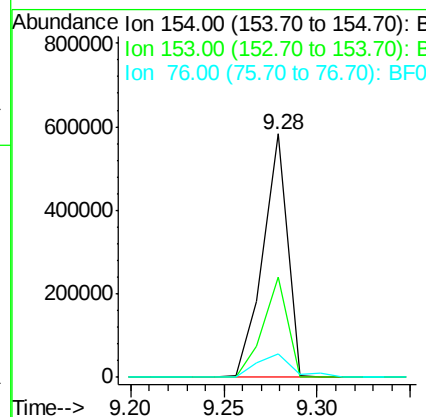
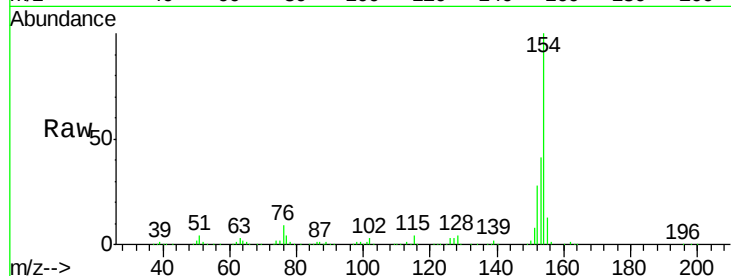
ClientSampleId :

U5-B2(0-10)CMSD

Tot Ion:	154	Resp:	529713
Ion Ratio		Lower	Upper
154	100		
153	40.9	20.6	60.6
76	9.4	0.0	35.1

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#46

2-Chloronaphthalene

Concen: 28.68 ng

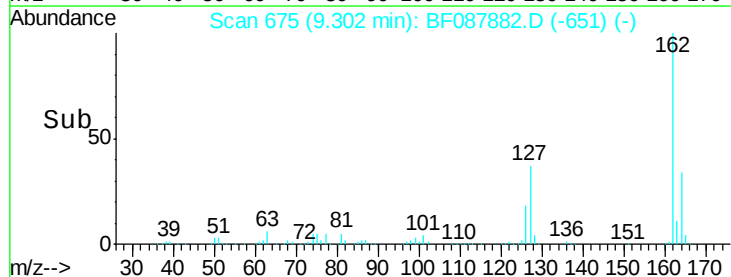
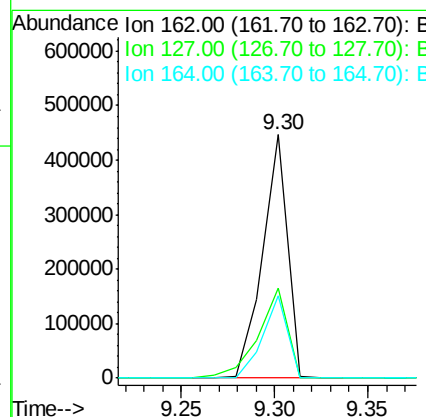
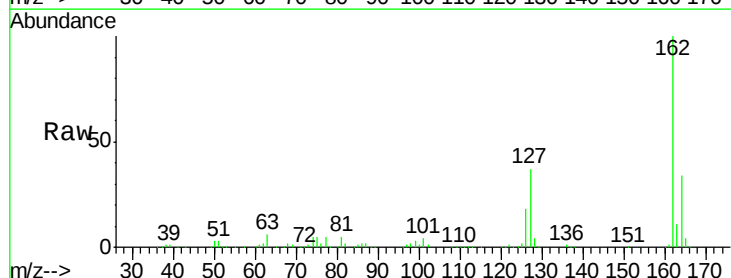
RT: 9.30 min Scan# 675

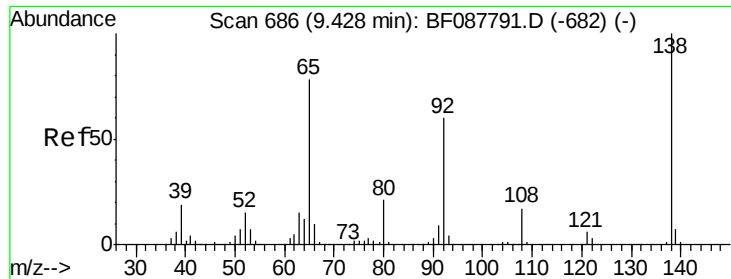
Delta R.T. -0.02 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Tgt Ion:	162	Resp:	411449
Ion Ratio		Lower	Upper
162	100		
127	37.2	35.2	52.8
164	33.7	26.6	39.8





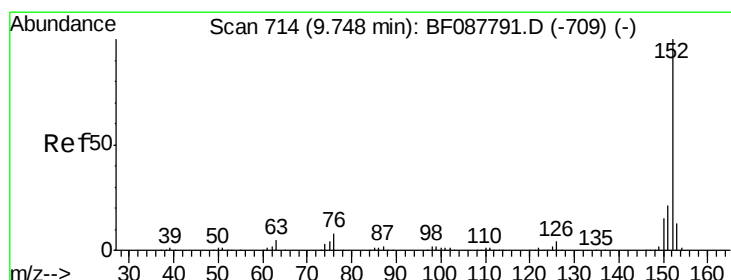
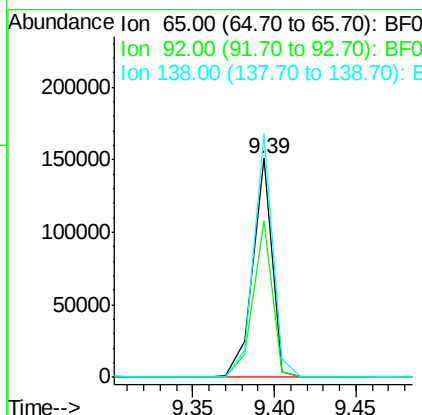
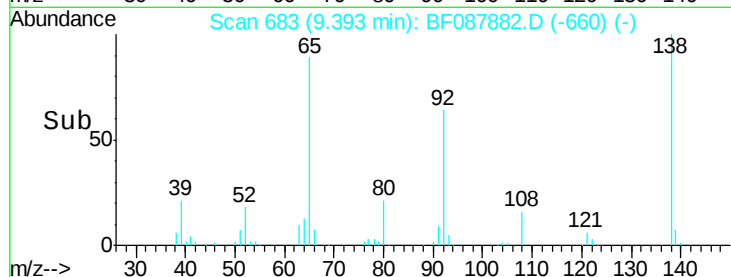
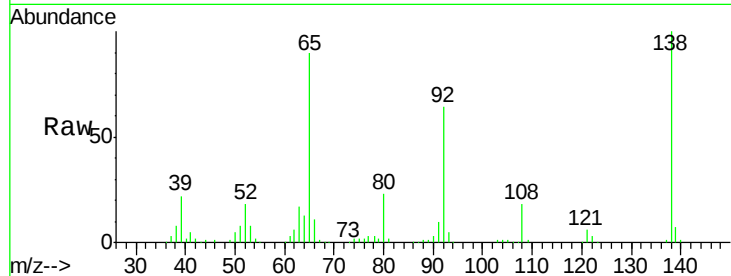
#47
2-Nitroaniline
Concen: 29.34 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.6	54.6	82.0
138	111.3	77.0	115.4

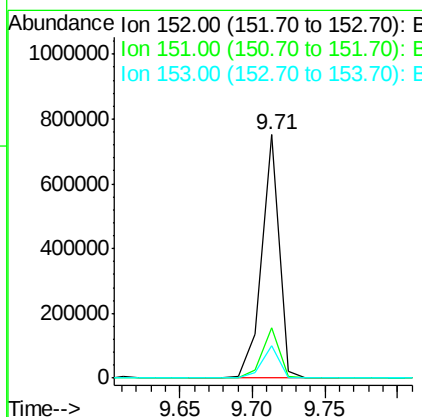
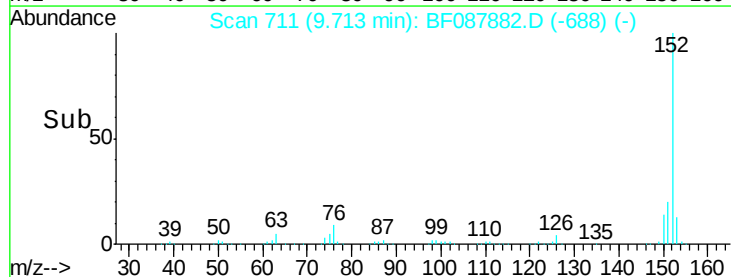
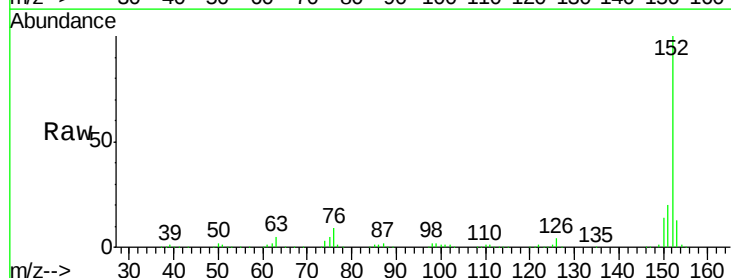
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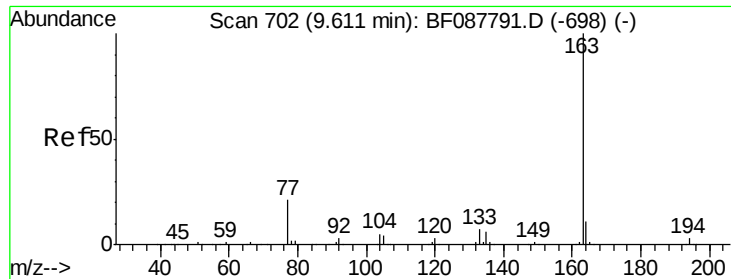
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#48
Acenaphthylene
Concen: 27.50 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.4	11.0	16.6





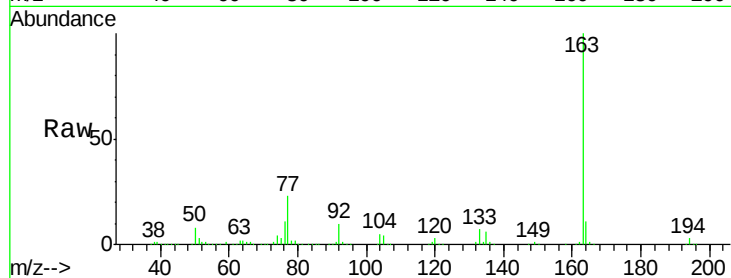
#49
Dimethylphthalate
Concen: 39.29 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

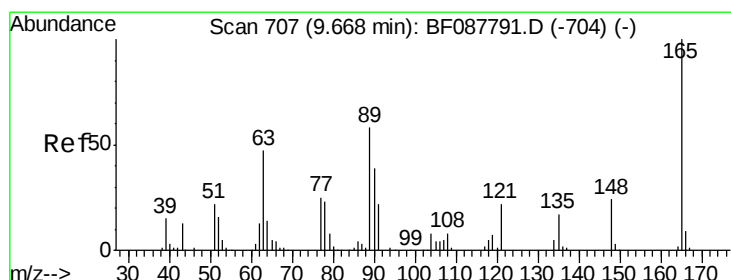
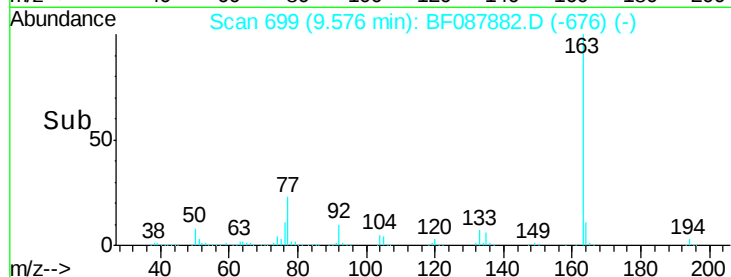
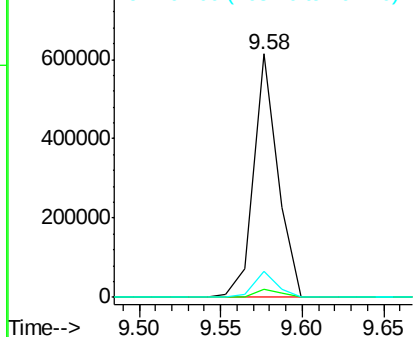
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.8	8.3	12.5

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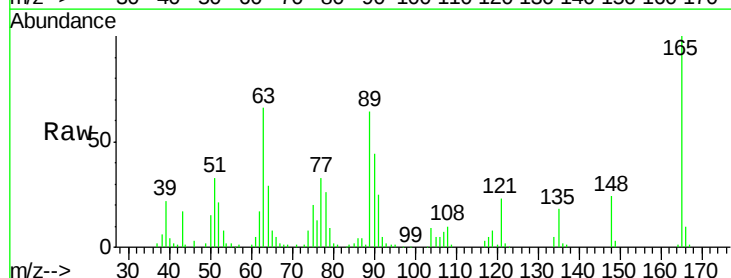


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

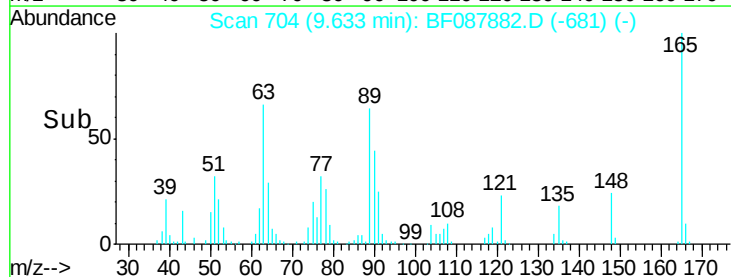
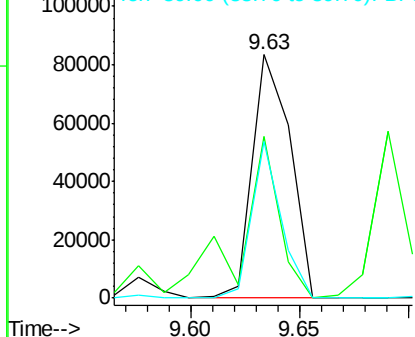


#50
2,6-Dinitrotoluene
Concen: 27.48 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	66.2	28.1	42.1#
89	64.1	32.2	48.2#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 26.40 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

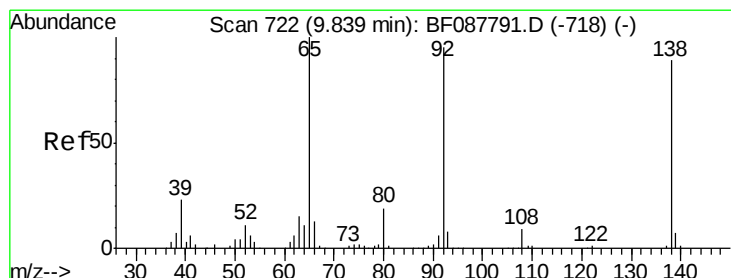
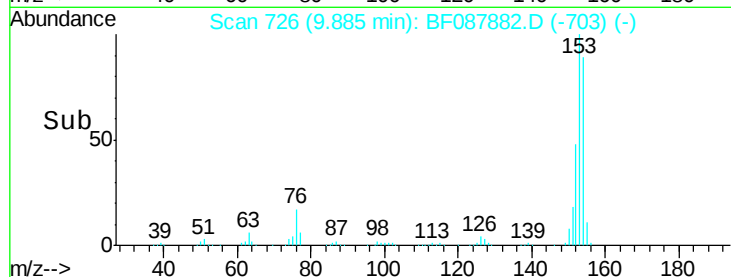
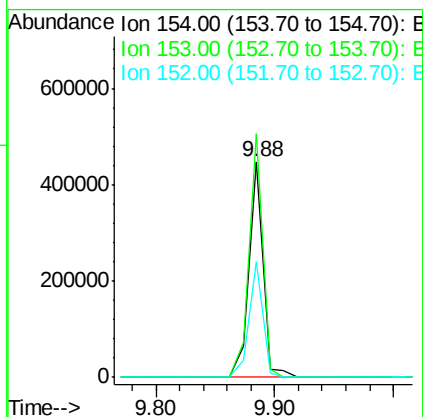
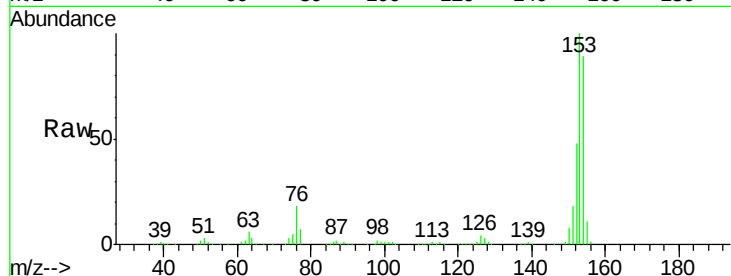
ClientSampleId :

U5-B2(0-10)CMSD

Tot Ion:	154	Resp:	375798
Ion Ratio	Lower	Upper	
154	100		
153	112.8	89.5	134.3
152	53.8	42.7	64.1

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#52

3-Nitroaniline

Concen: 25.24 ng

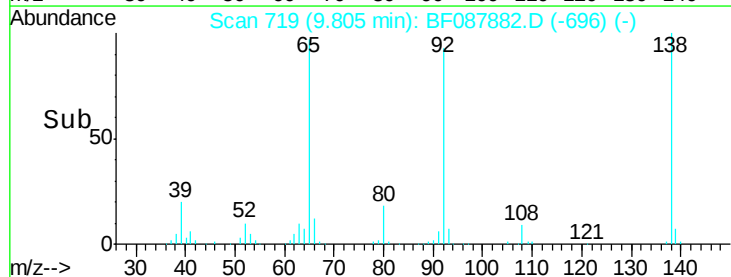
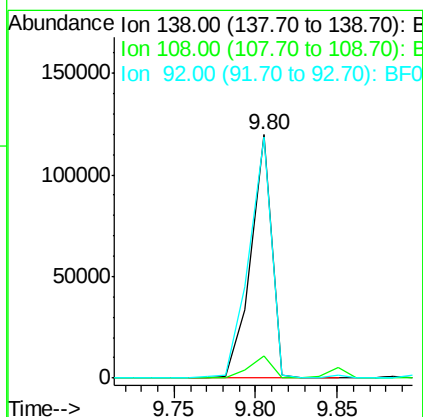
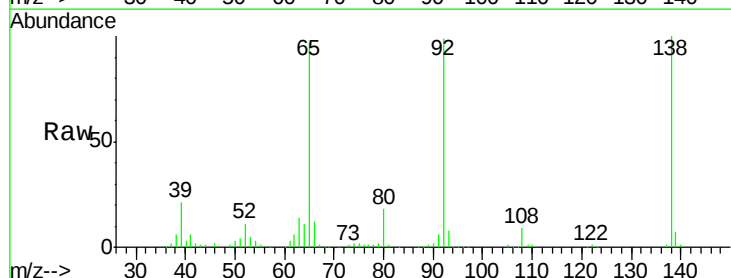
RT: 9.80 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Tgt Ion:	138	Resp:	107111
Ion Ratio	Lower	Upper	
138	100		
108	9.2	8.5	12.7
92	98.9	95.7	143.5





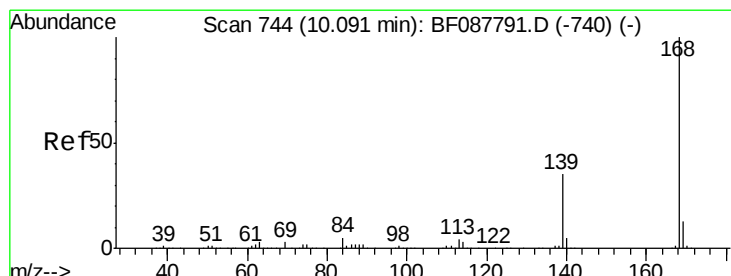
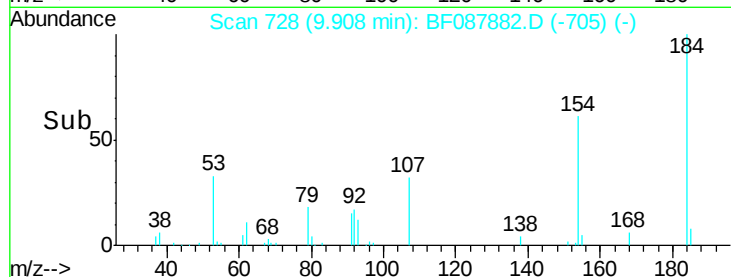
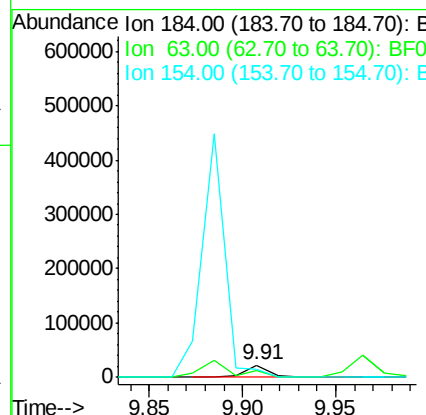
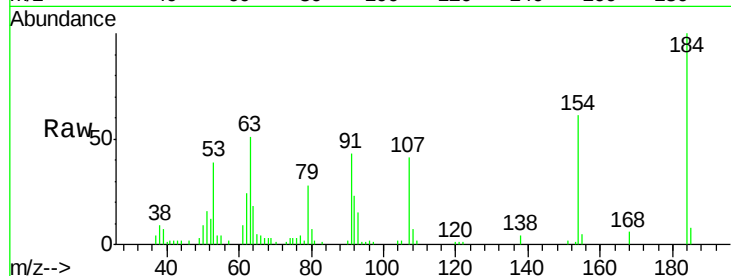
#53
 2,4-Dinitrophenol
 Concen: 14.13 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.03 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	51.0	57.6	86.4#
154	61.4	53.5	80.3

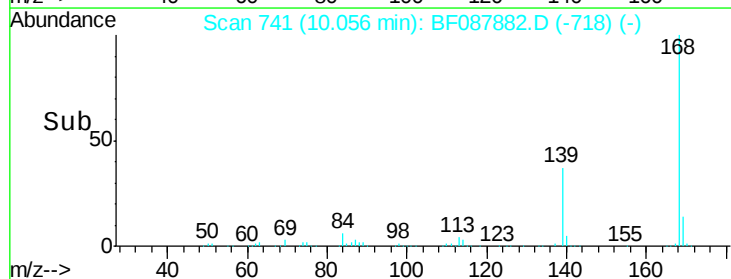
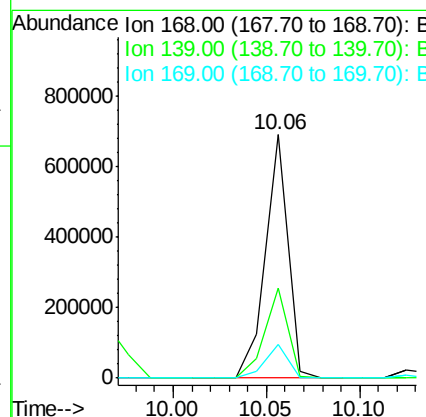
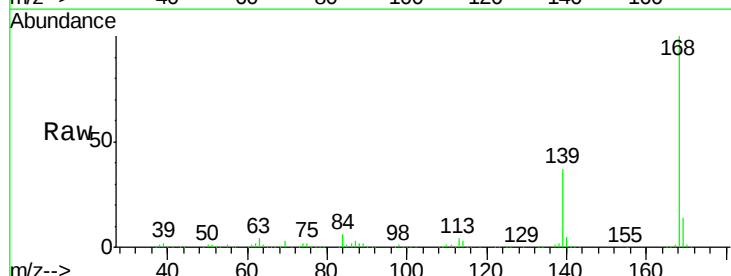
Manual Integrations
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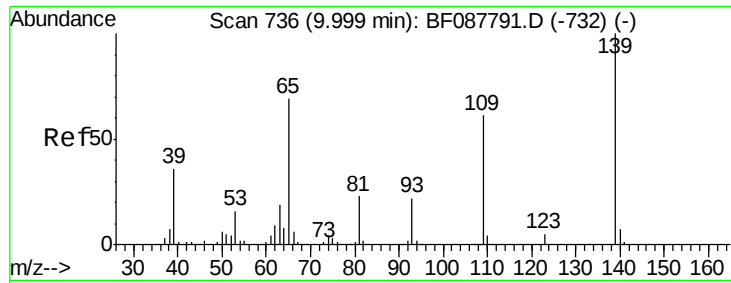
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#54
 Dibenzofuran
 Concen: 29.31 ng
 RT: 10.06 min Scan# 741
 Delta R.T. -0.03 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.0	26.4	39.6
169	13.6	10.4	15.6





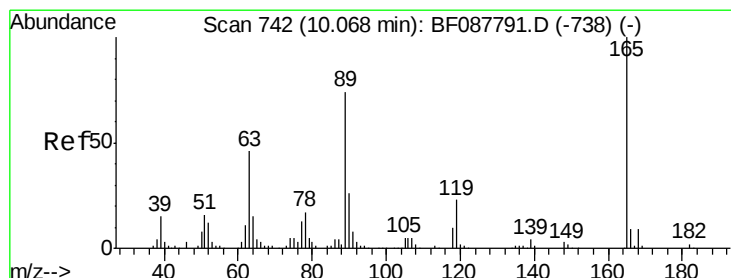
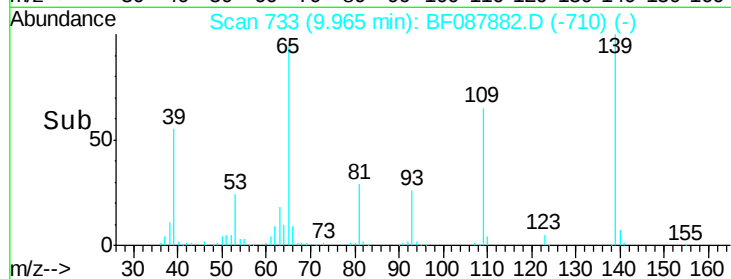
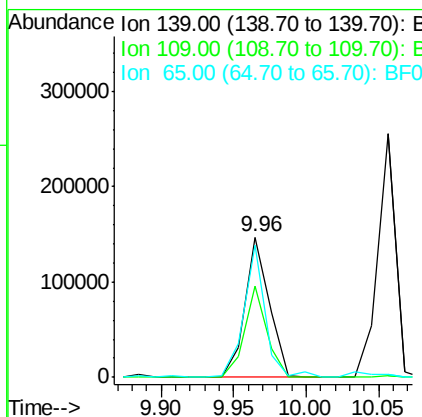
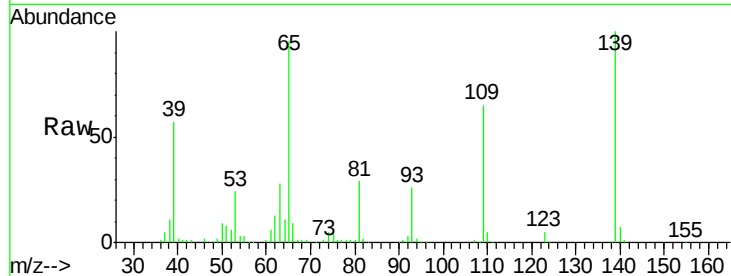
#55
4-Nitrophenol
Concen: 52.01 ng
RT: 9.96 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	171316		
109	65.5	48.9	88.9	
65	94.8	84.9	124.9	

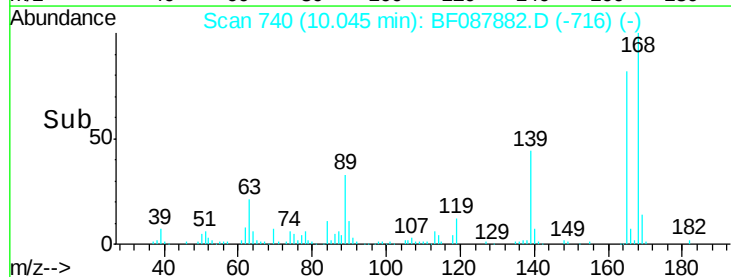
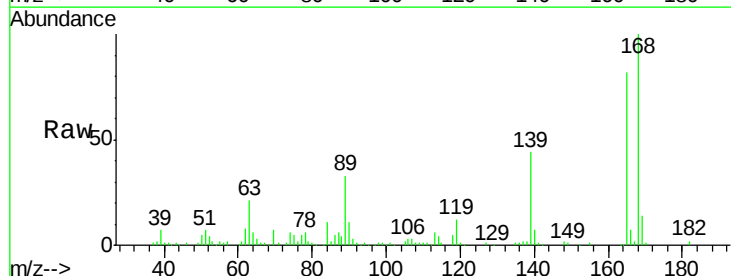
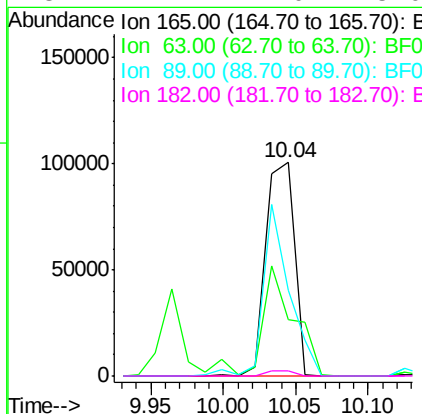
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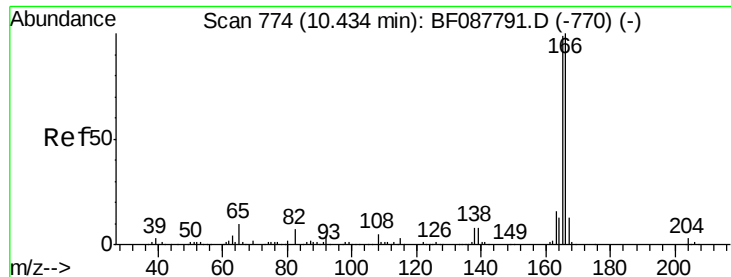
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#56
2,4-Dinitrotoluene
Concen: 29.24 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	138190		
63	26.2	22.0	33.0	
89	40.4	41.1	61.7	#
182	2.7	2.0	3.0	





#57

Fluorene

Concen: 32.67 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

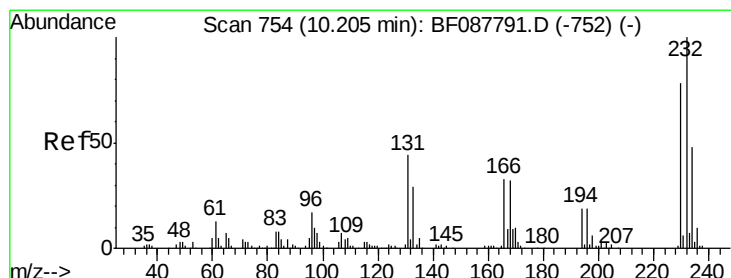
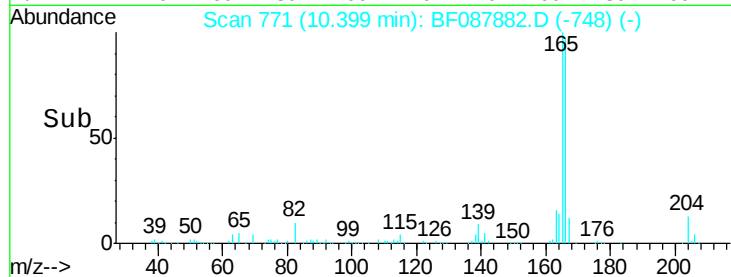
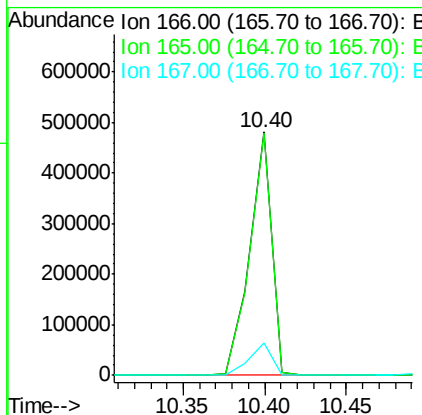
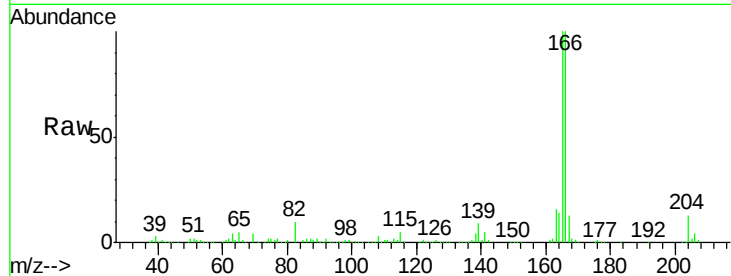
ClientSampleId :

U5-B2(0-10)CMSD

Tot Ion:	166	Resp:	450420
Ion Ratio		Lower	Upper
166	100		
165	99.6	77.8	116.8
167	13.1	11.2	16.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 28.60 ng

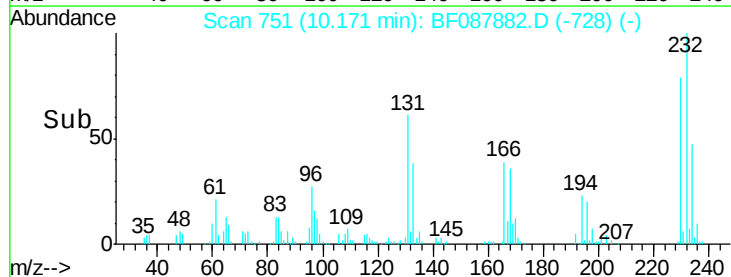
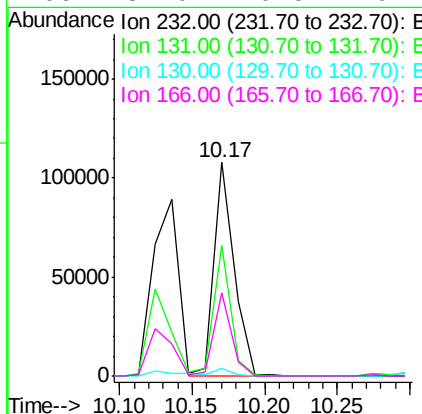
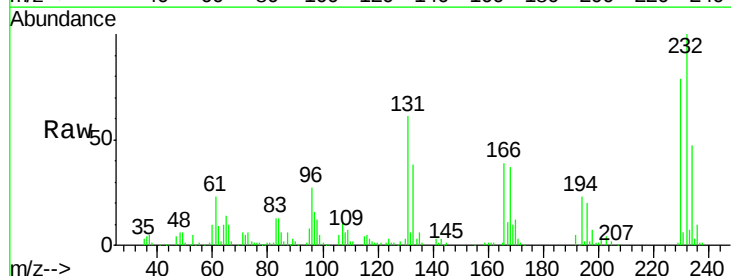
RT: 10.17 min Scan# 751

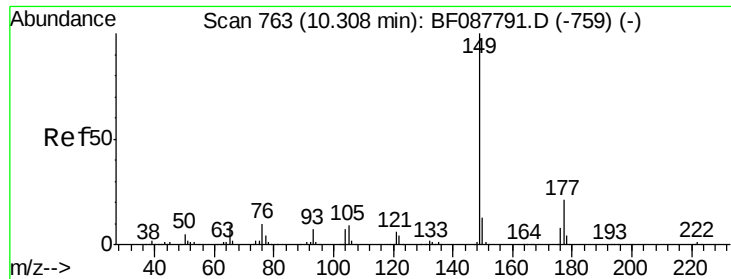
Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Tgt Ion:	232	Resp:	103690
Ion Ratio		Lower	Upper
232	100		
131	51.9	0.9	1.3#
130	2.9	1.5	2.3#
166	34.0	0.5	0.7#





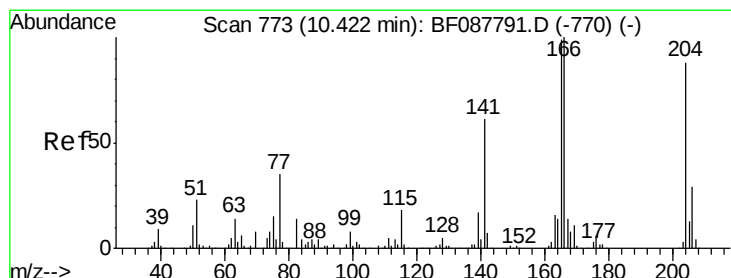
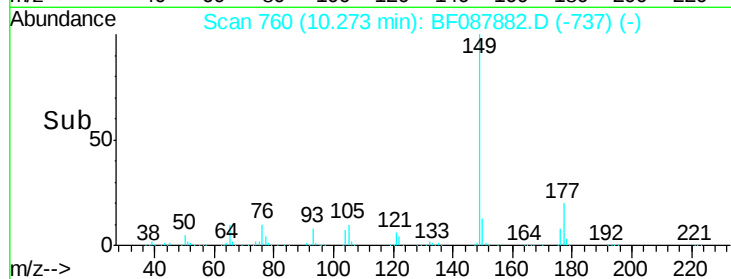
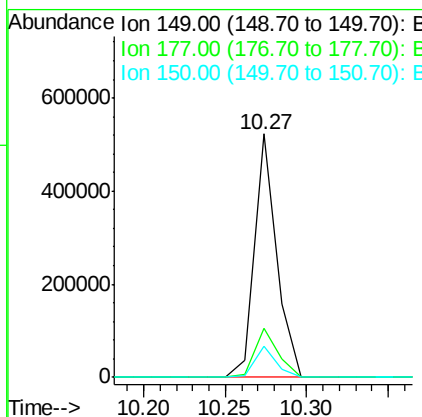
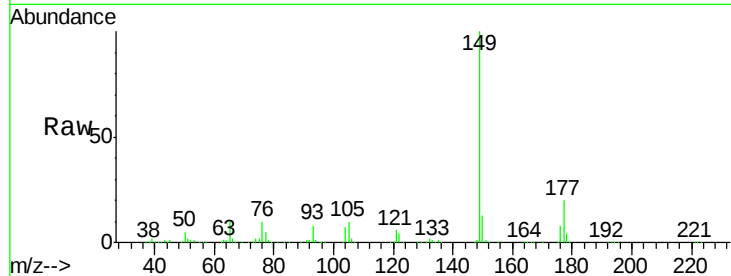
#59
Diethylphthalate
Concen: 30.34 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	493139		
177	19.9	16.9	25.3	
150	12.8	10.1	15.1	

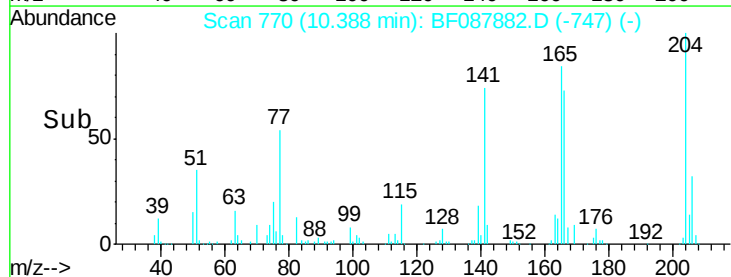
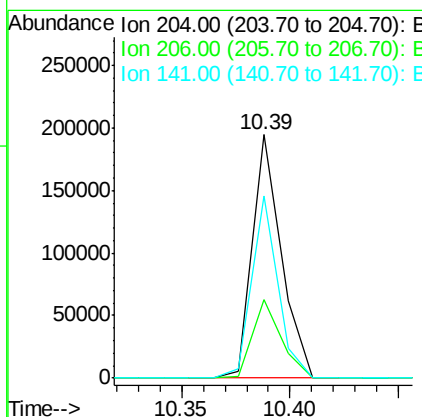
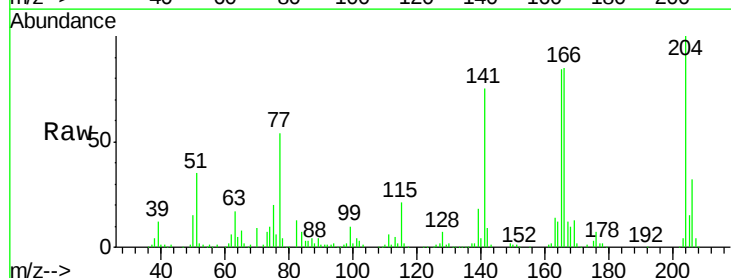
Manual Integrations
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6/13/2016 7:11:11 PM



#60
4-Chlorophenyl-phenylether
Concen: 27.53 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	179507		
206	32.3	26.3	39.5	
141	75.1	55.0	82.6	





#61

4-Nitroaniline

Concen: 24.43 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.05 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

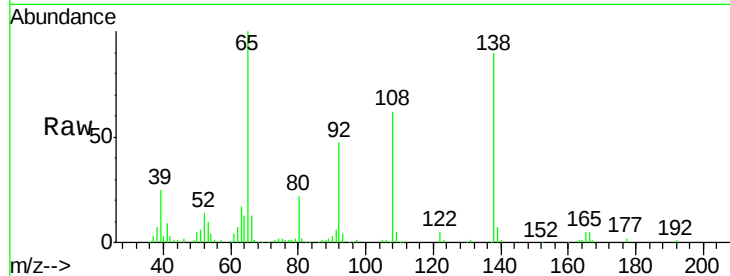
ClientSampleId :

U5-B2(0-10)CMSD

Tot Ion:	138	Resp:	98358
Ion Ratio	Lower	Upper	
138	100		
92	52.0	27.3	67.3
108	68.9	46.7	86.7

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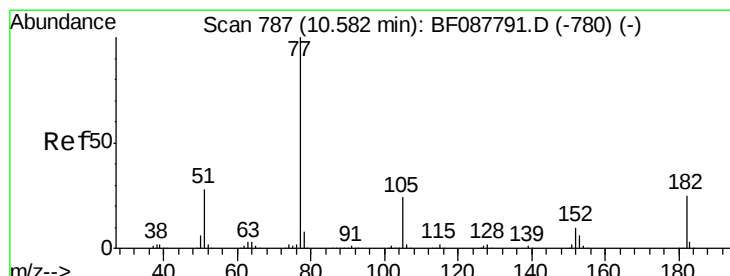
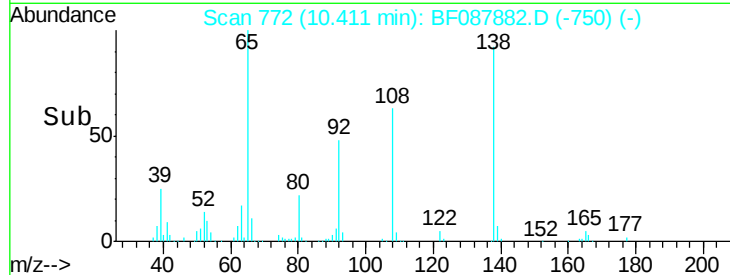
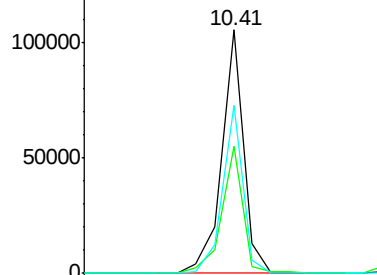
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 28.20 ng

RT: 10.55 min Scan# 784

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

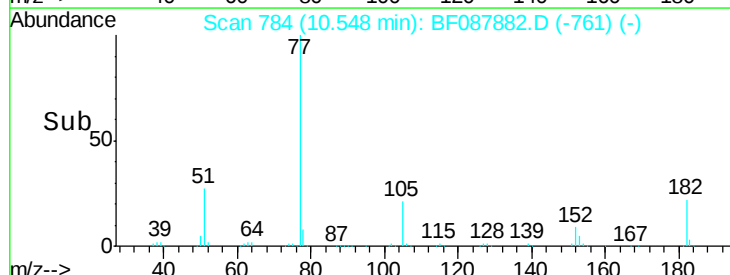
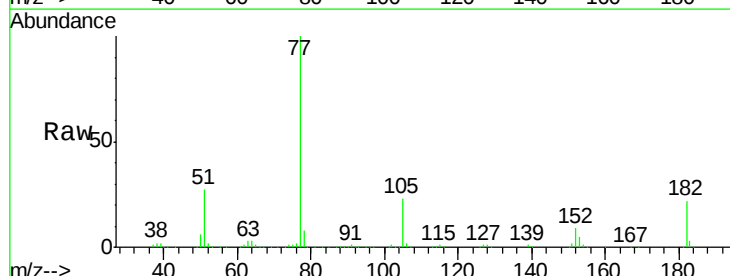
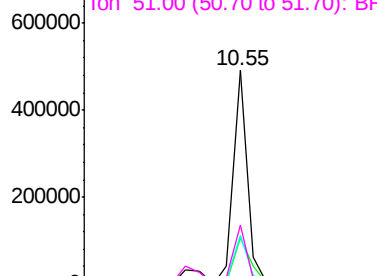
Tgt Ion:	77	Resp:	453341
Ion Ratio	Lower	Upper	
77	100		
182	21.8	4.4	44.4
105	22.9	3.8	43.8
51	27.4	9.3	49.3

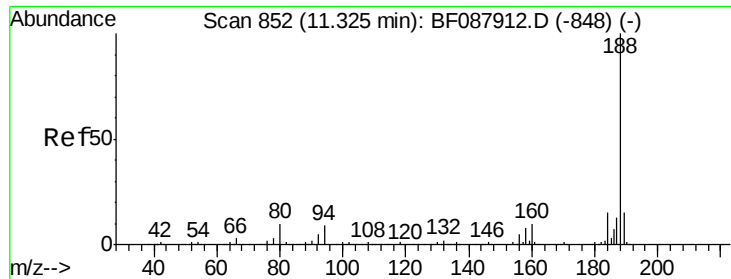
Abundance Ion 77.00 (76.70 to 77.70): BF0

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





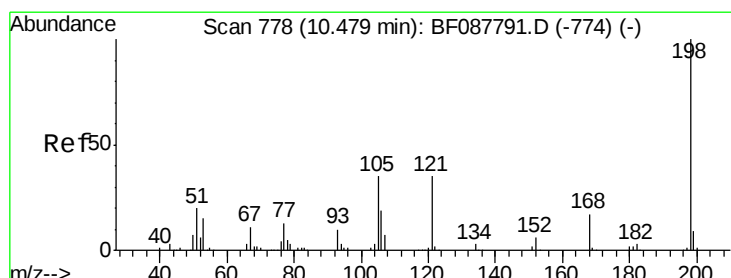
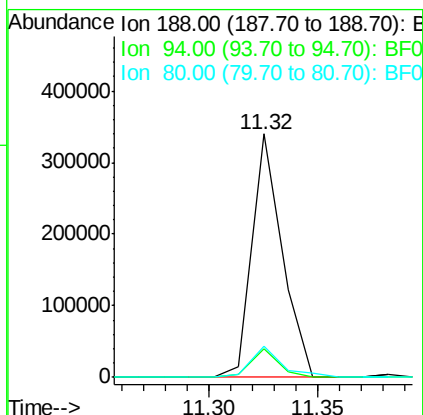
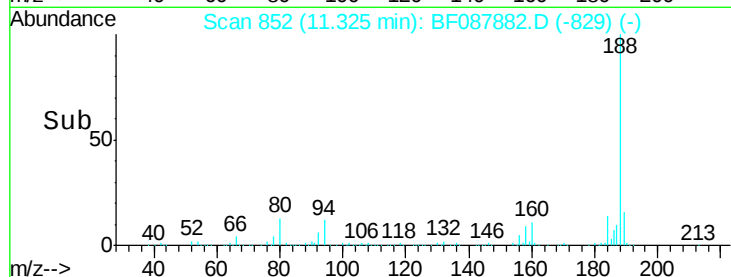
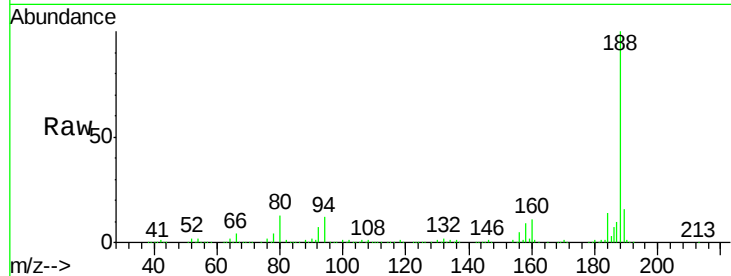
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	328626		
94	11.8		9.0	13.6
80	12.9		10.0	15.0

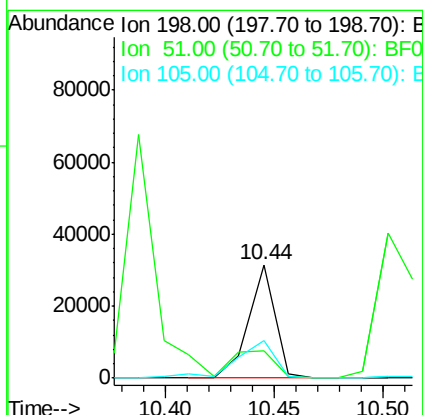
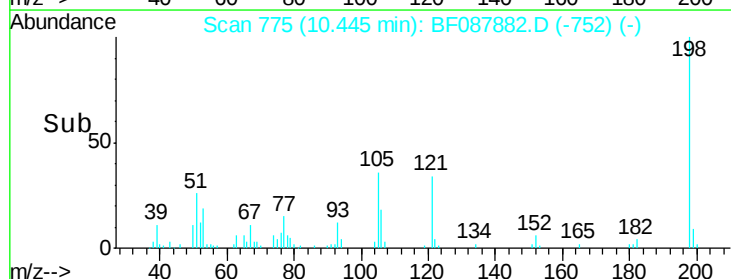
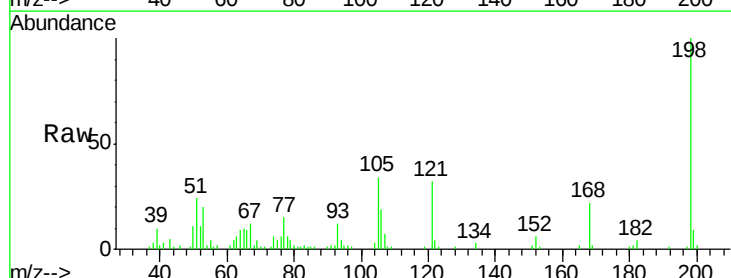
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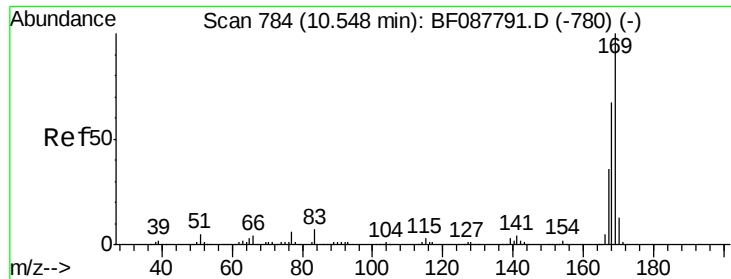
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#64
4,6-Dinitro-2-methylphenol
Concen: 14.50 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	26512		
51	24.4		39.6	79.6#
105	33.7		36.6	76.6#





#65

n-Nitrosodiphenylamine

Concen: 39.08 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

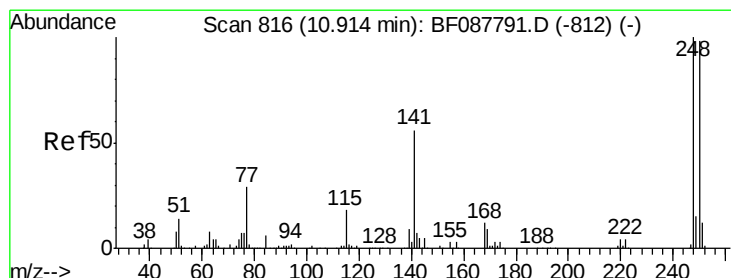
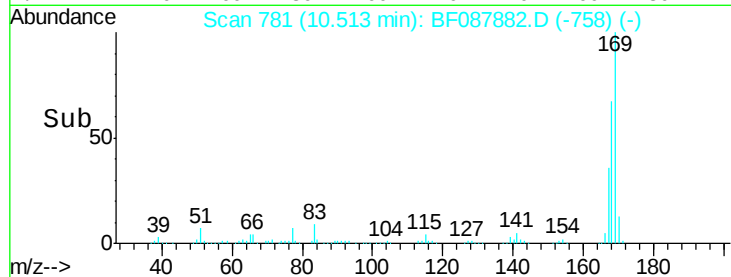
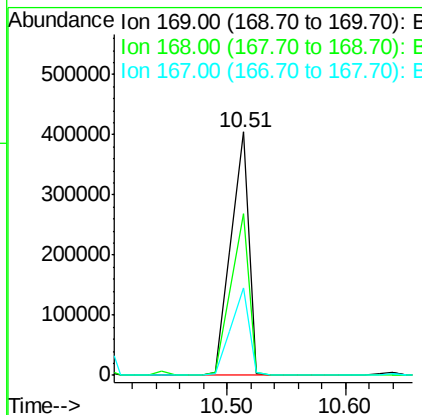
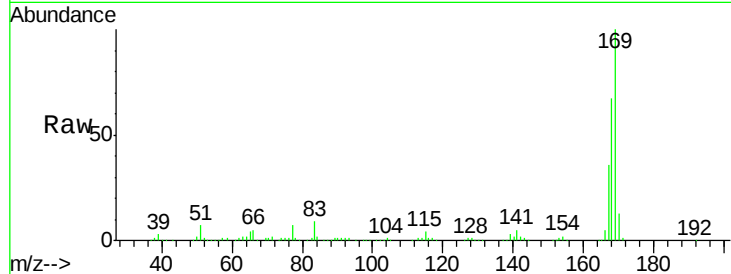
ClientSampleId :

U5-B2(0-10)CMSD

Tot Ion:	169	Resp:	426154
Ion Ratio	Lower	Upper	
169	100		
168	66.5	53.4	80.0
167	36.1	29.4	44.0

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 36.19 ng

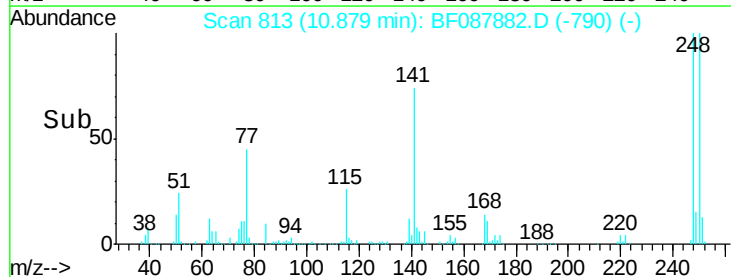
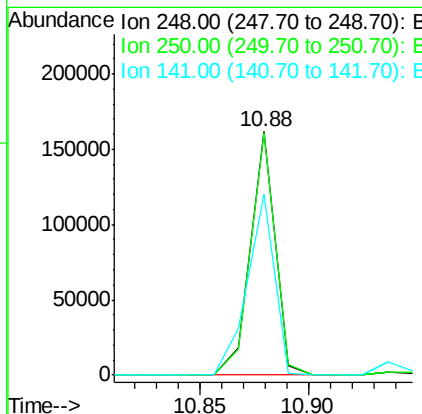
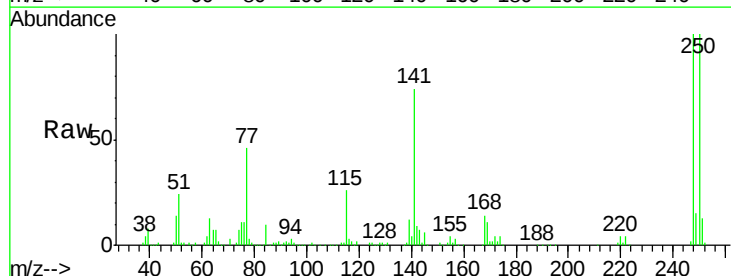
RT: 10.88 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Tgt Ion:	248	Resp:	127573
Ion Ratio	Lower	Upper	
248	100		
250	99.7	77.1	115.7
141	74.3	50.6	76.0





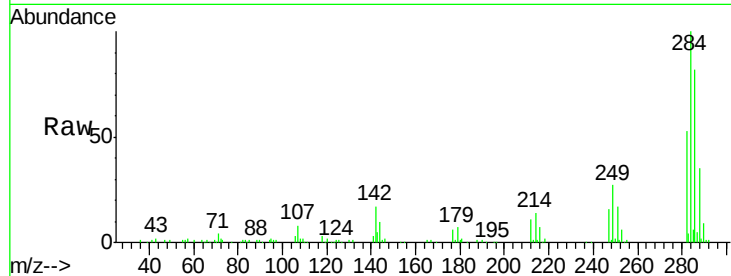
#67
Hexachlorobenzene
Concen: 34.13 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

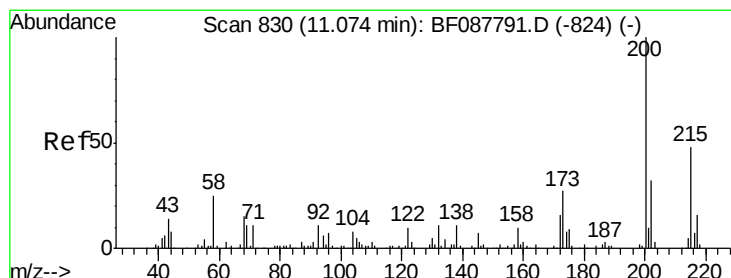
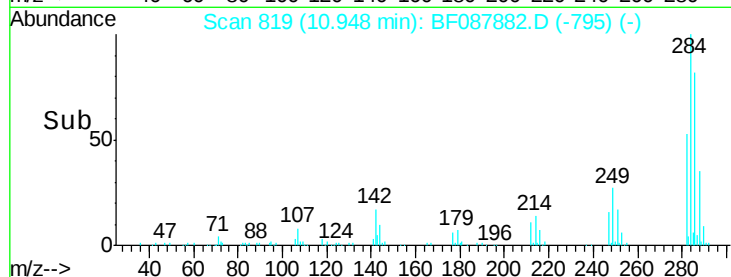
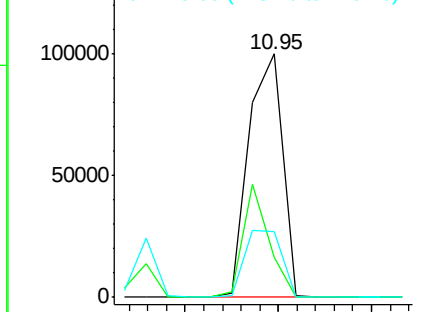
Tot Ion	Ratio	Resp	Lower	Upper
284	100	125024		
142	16.7	35.8	53.8#	
249	26.7	25.8	38.6	

Manual Integrations
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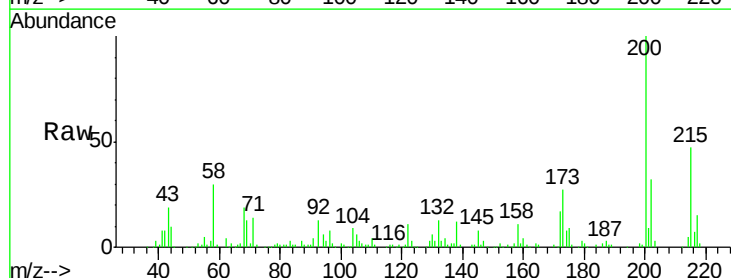


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

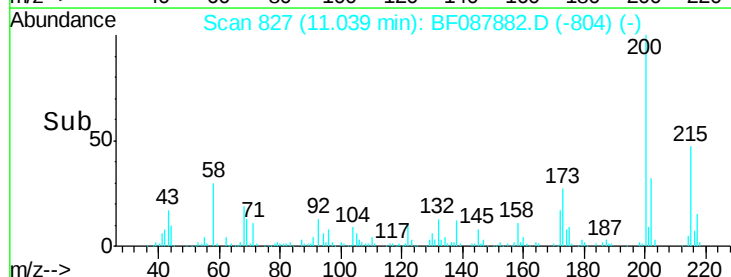
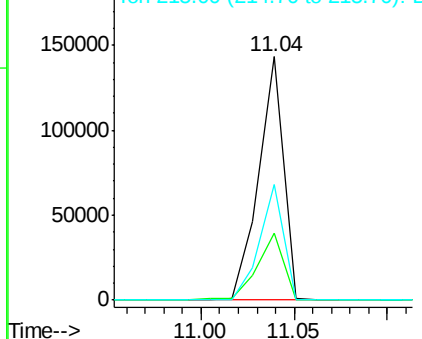


#68
Atrazine
Concen: 39.81 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	131443		
173	27.4	4.0	44.0	
215	47.4	29.3	69.3	



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





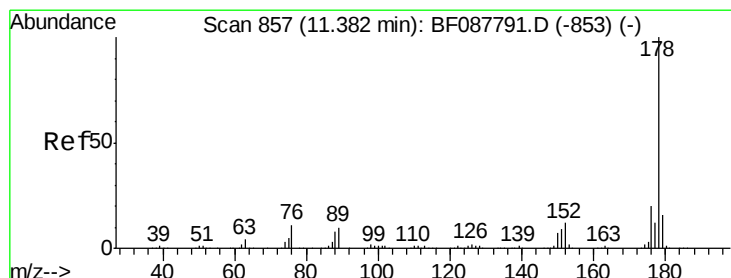
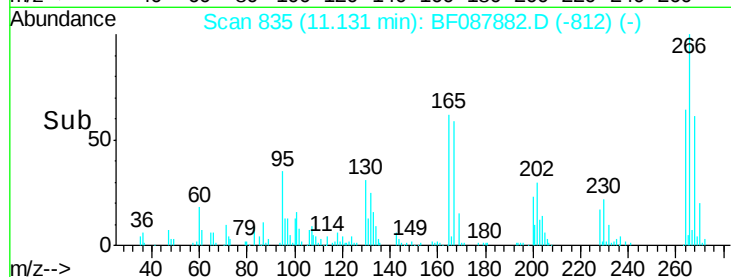
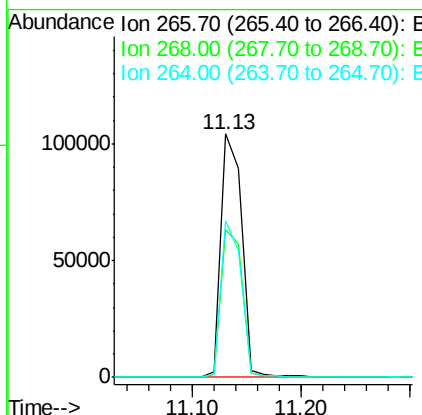
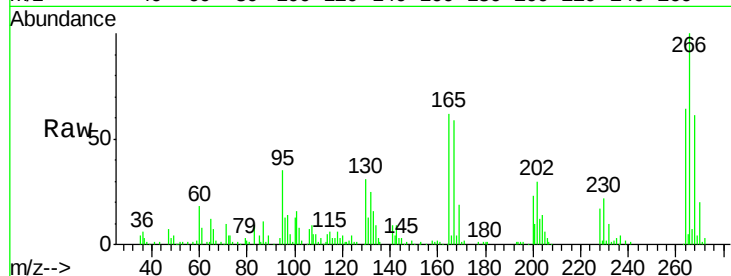
#69
 Pentachlorophenol
 Concen: 71.71 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.03 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	138473		
268	60.9	52.8	79.2	
264	64.1	49.6	74.4	

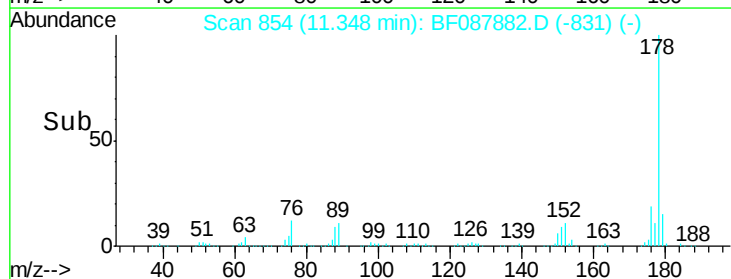
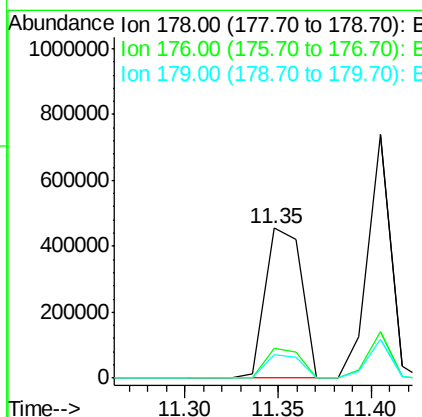
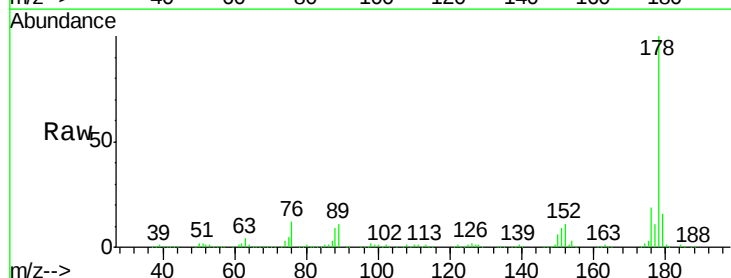
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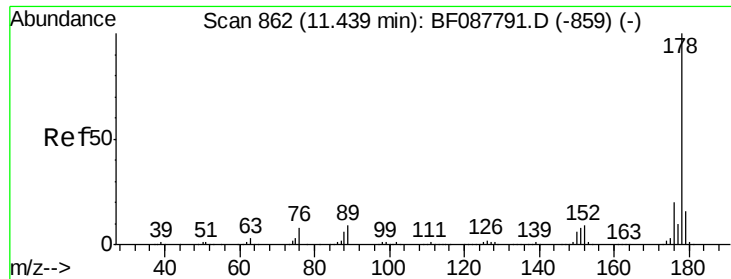
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#70
 Phenanthrene
 Concen: 35.51 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.03 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	612359		
176	19.5	15.8	23.6	
179	16.1	13.0	19.4	





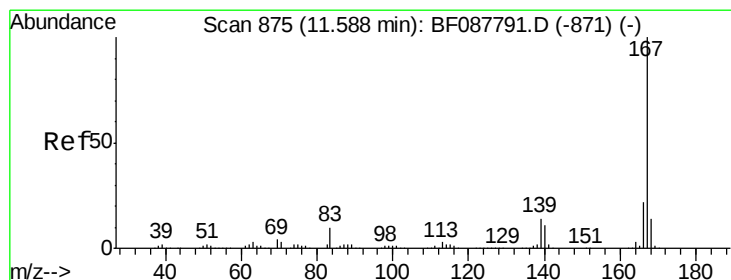
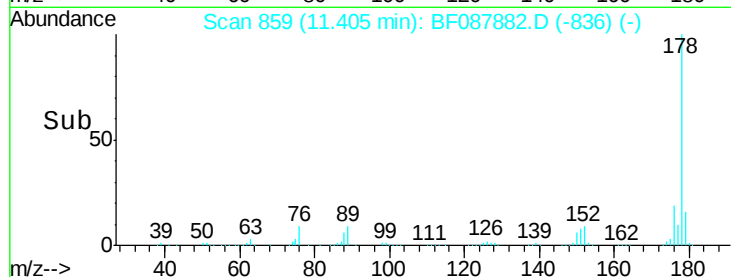
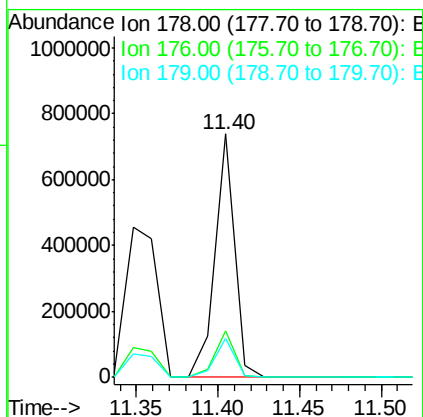
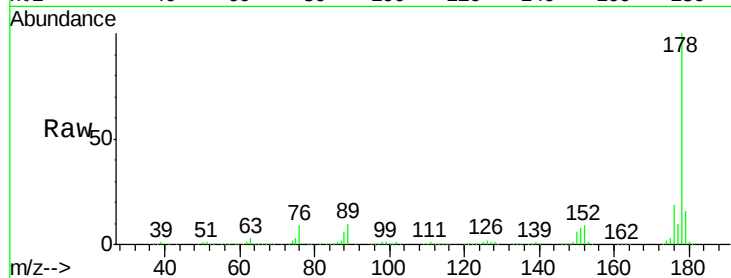
#71
 Anthracene
 Concen: 35.63 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.03 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.8	12.8	19.2

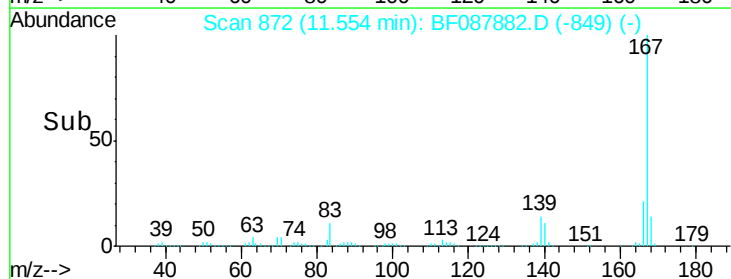
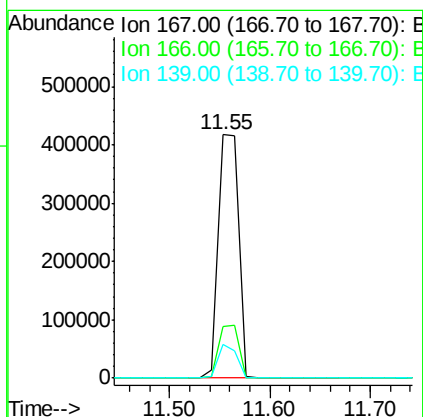
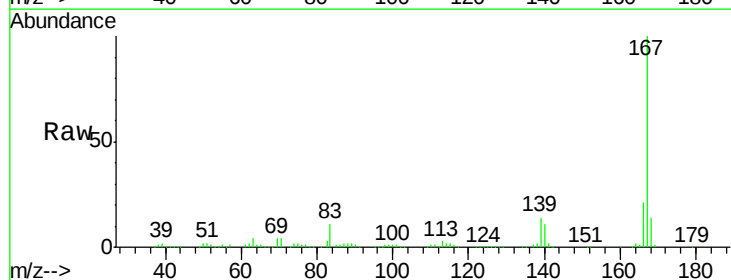
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#72
 Carbazole
 Concen: 35.96 ng
 RT: 11.55 min Scan# 872
 Delta R.T. -0.03 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.8	26.6
139	14.0	11.2	16.8





#73

Di-n-butylphthalate

Concen: 38.66 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

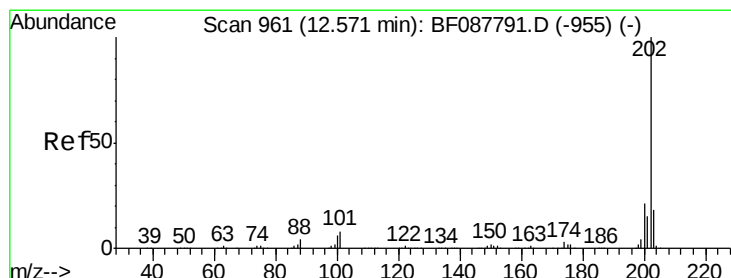
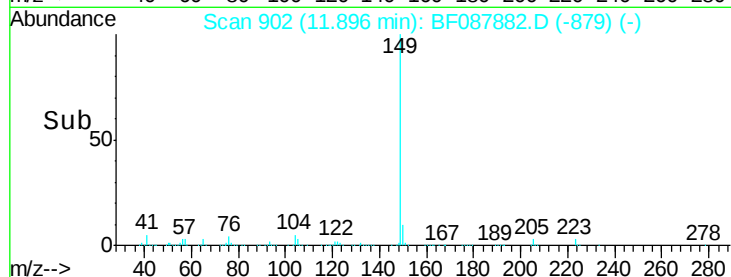
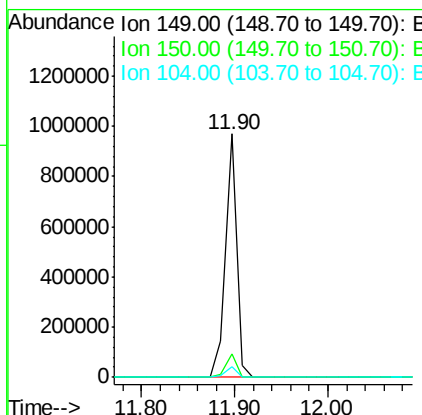
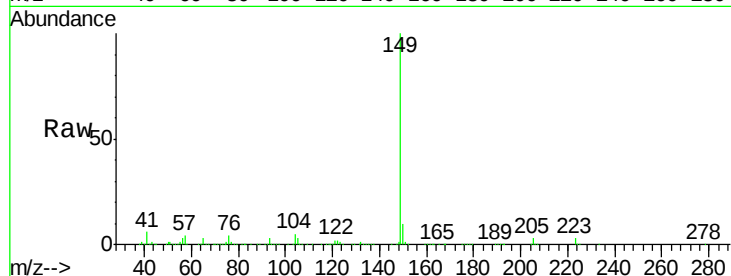
ClientSampleId :

U5-B2(0-10)CMSD

Tot Ion:	149	Resp:	796661
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.6	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 33.58 ng

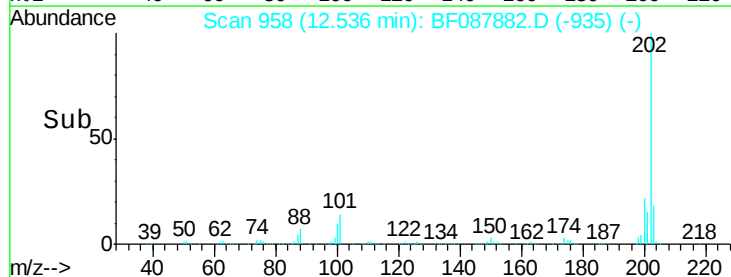
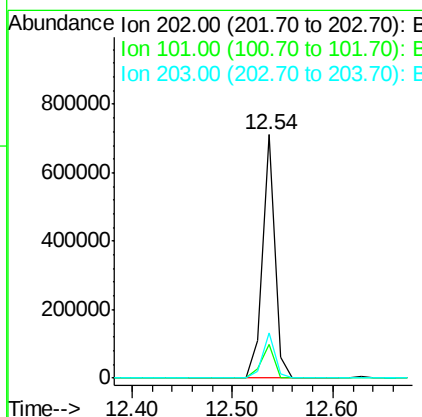
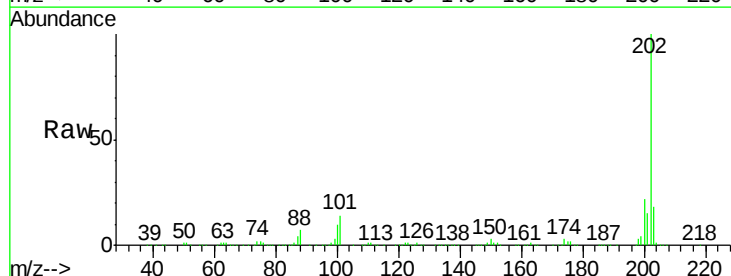
RT: 12.54 min Scan# 958

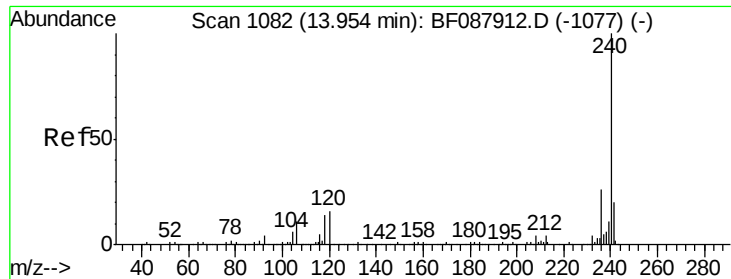
Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Tgt Ion:	202	Resp:	611029
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	33.1
203	18.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

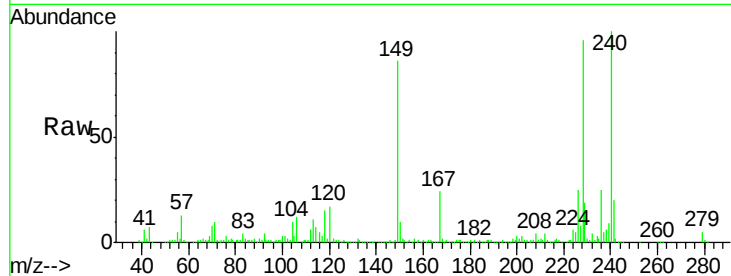
ClientSampleId :

U5-B2(0-10)CMSD

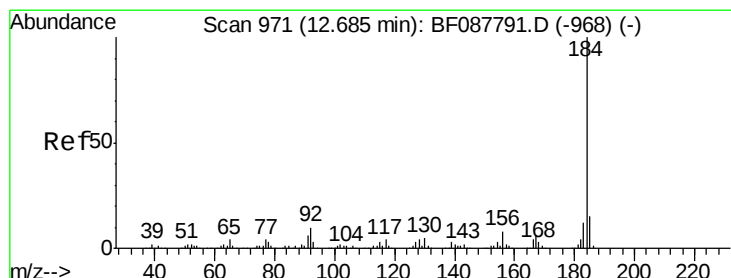
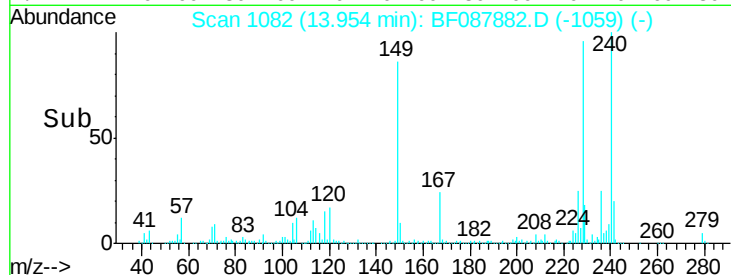
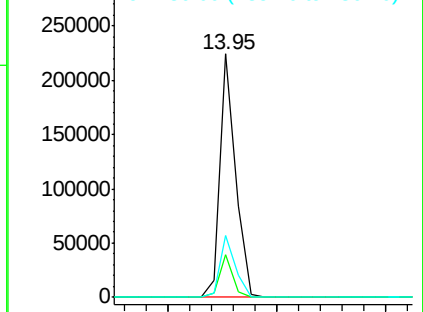
Tot Ion:	240	Resp:	225223
Ion Ratio	Lower	Upper	
240	100		
120	17.4	6.8	10.2#
236	25.2	20.2	30.2

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.04 ng

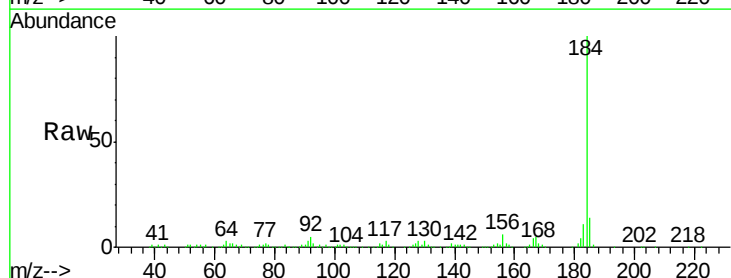
RT: 12.66 min Scan# 969

Delta R.T. -0.02 min

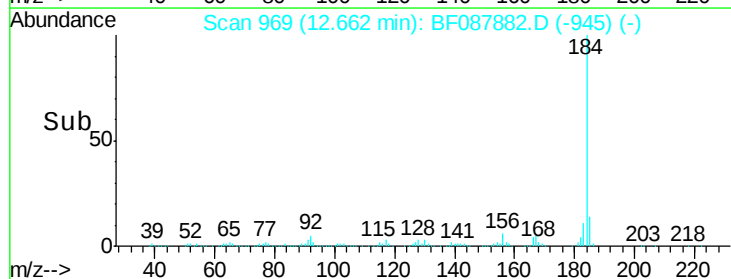
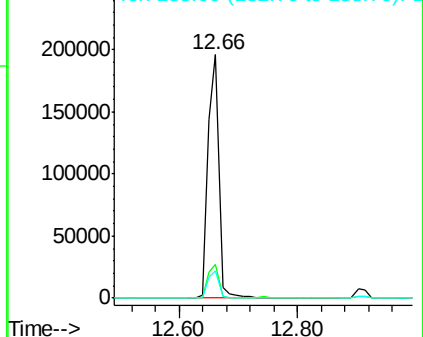
Lab File: BF087882.D

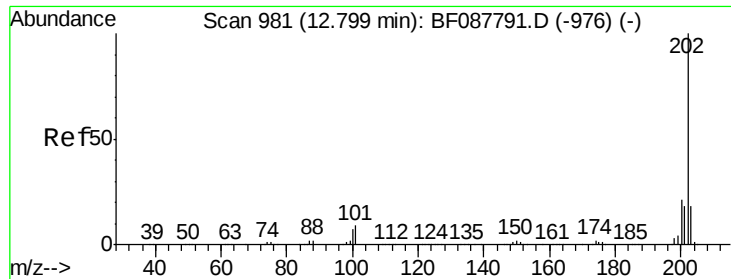
Acq: 10 Jun 2016 18:52

Tgt Ion:	184	Resp:	249691
Ion Ratio	Lower	Upper	
184	100		
185	13.6	12.5	18.7
183	11.0	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.75 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

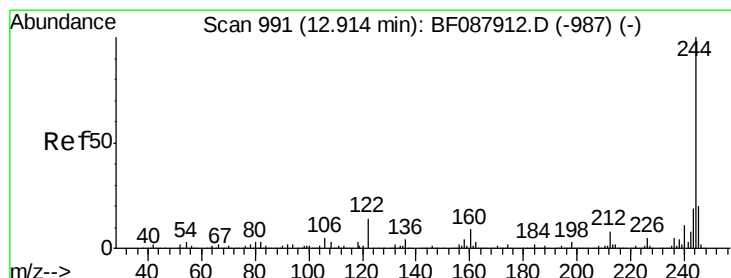
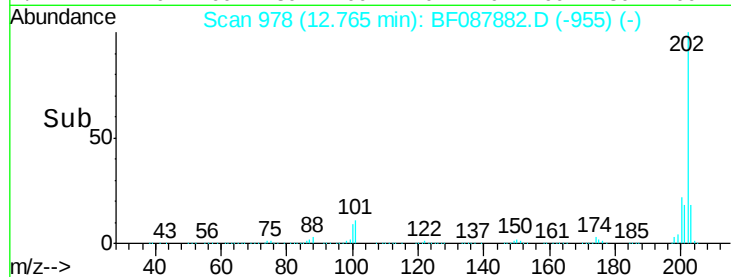
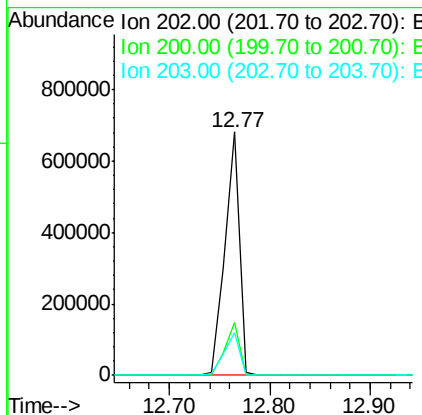
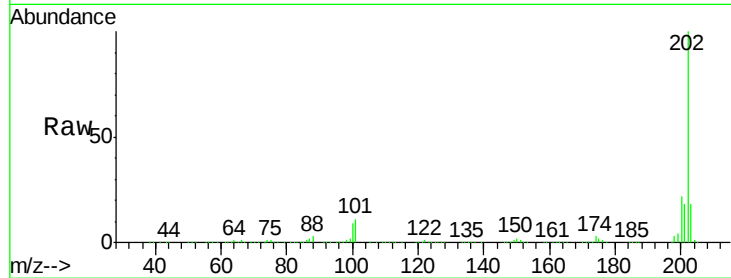
ClientSampleId :

U5-B2(0-10)CMSD

Tot Ion:	202	Resp:	681053
Ion Ratio		Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.8	14.5	21.7

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6/13/2016 7:11:11 PM



#78

Terphenyl-d14

Concen: 70.36 ng

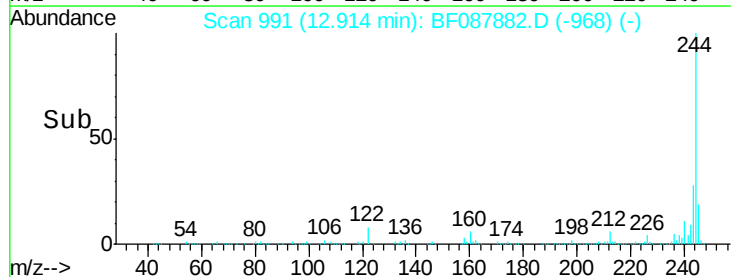
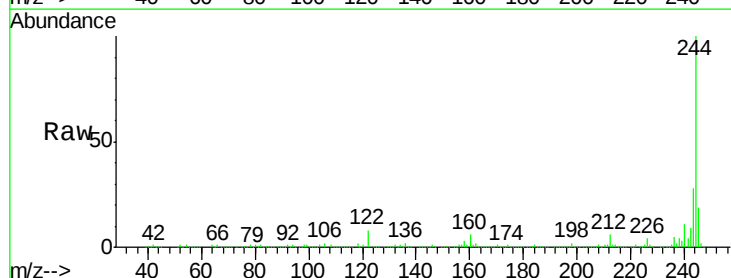
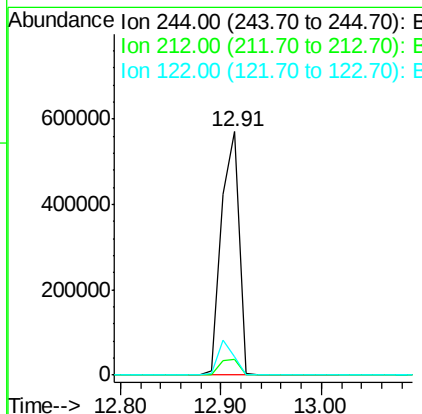
RT: 12.91 min Scan# 991

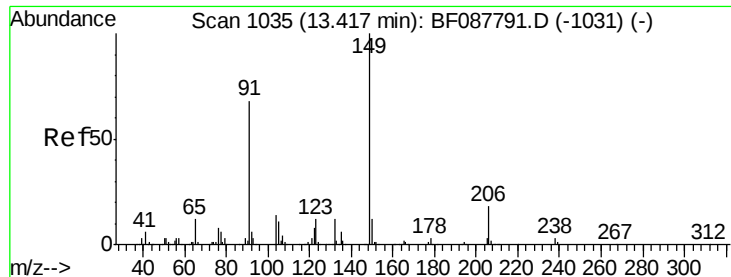
Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Tgt Ion:	244	Resp:	696357
Ion Ratio		Lower	Upper
244	100		
212	6.5	6.0	9.0
122	7.8	11.2	16.8#





#79

Butylbenzylphthalate

Concen: 36.42 ng

RT: 13.38 min Scan# 1032

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

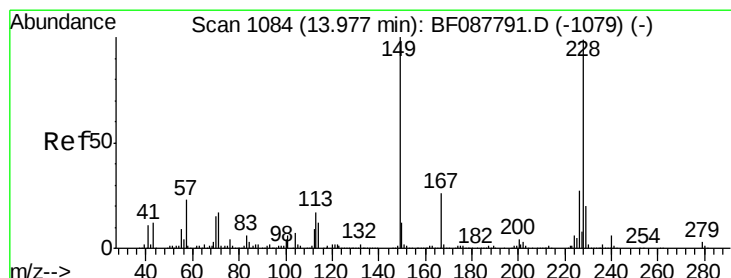
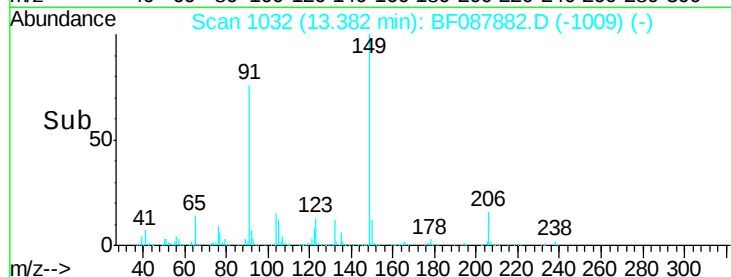
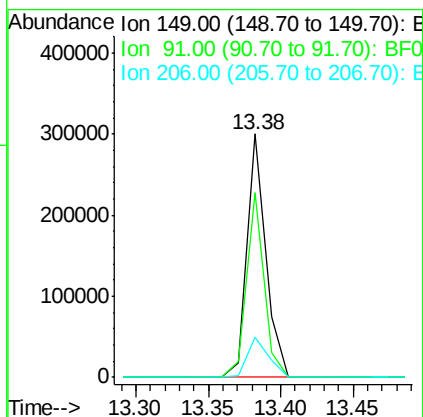
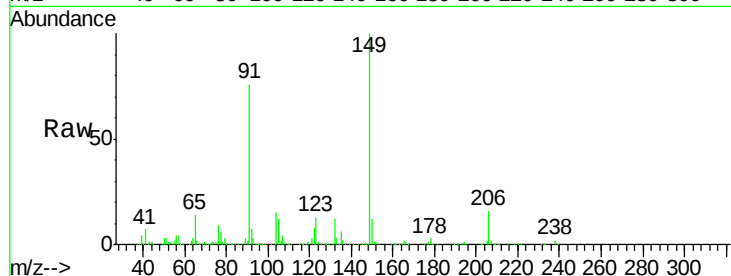
ClientSampleId :

U5-B2(0-10)CMSD

Tot Ion:	149	Resp:	269083
Ion Ratio	Lower	Upper	
149	100		
91	76.0	48.0	72.0#
206	16.4	16.0	24.0

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#80

Benzo(a)anthracene

Concen: 39.62 ng

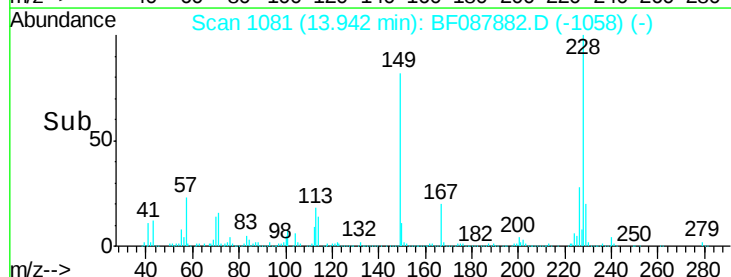
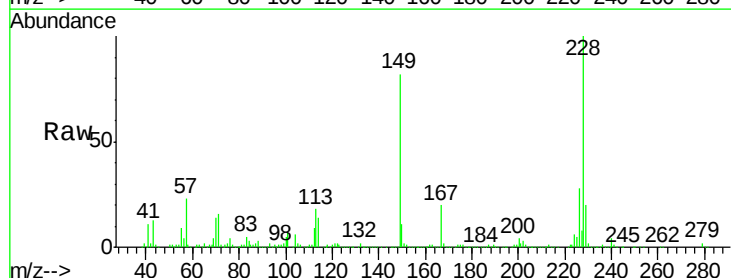
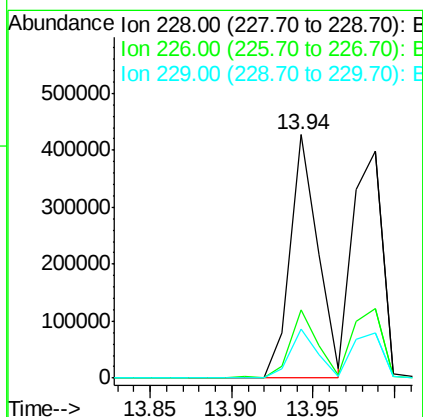
RT: 13.94 min Scan# 1081

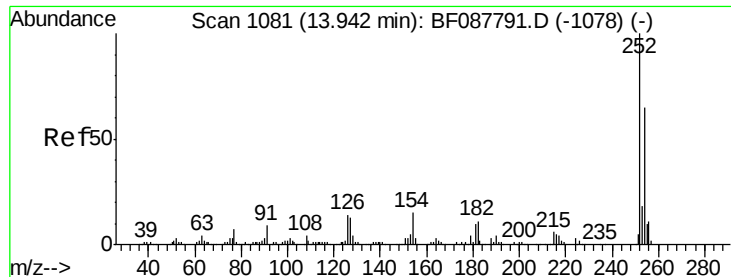
Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Tgt Ion:	228	Resp:	508541
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.3	33.5
229	20.1	16.0	24.0





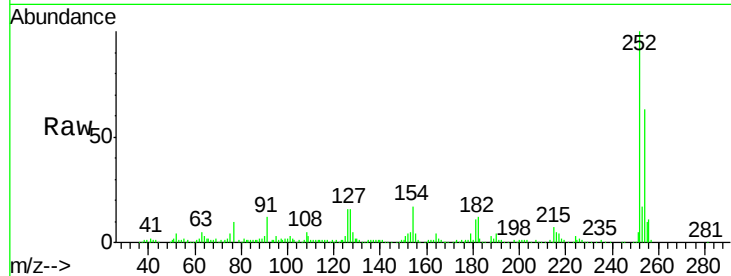
#81
 3,3'-Dichlorobenzidine
 Concen: 38.19 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.03 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.4	52.6	78.8
126	15.9	6.2	9.2#

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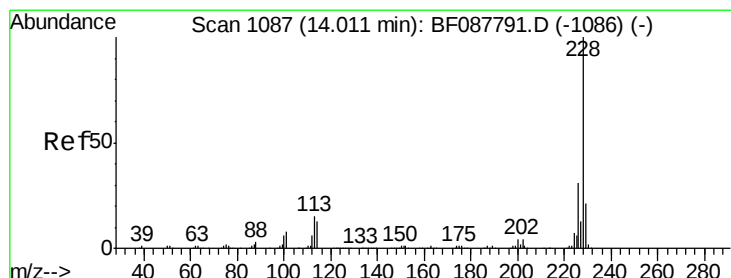
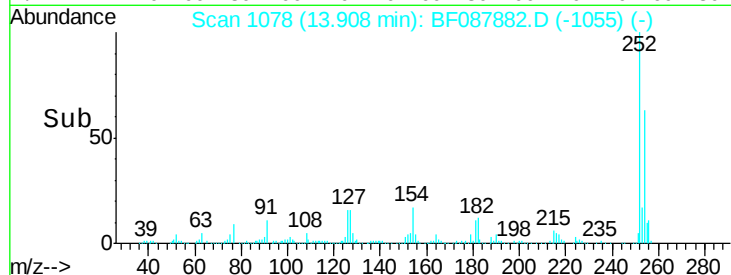
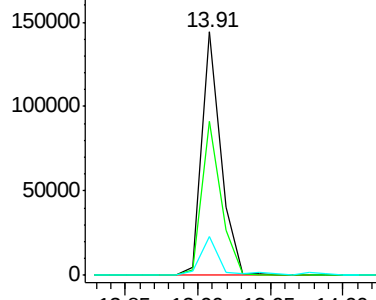


Abundance

Ion 252.00 (251.70 to 252.70): E

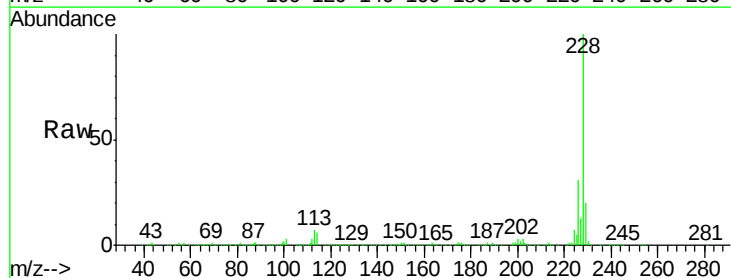
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 41.89 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.6	25.4	38.2
229	19.7	16.3	24.5

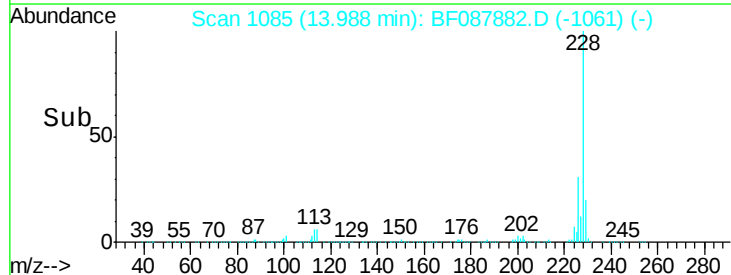
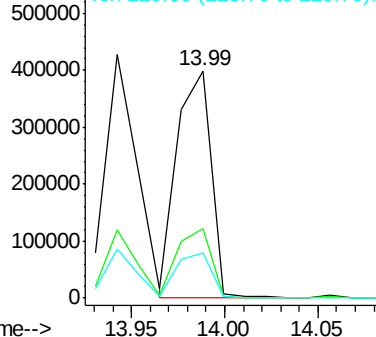


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.01 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

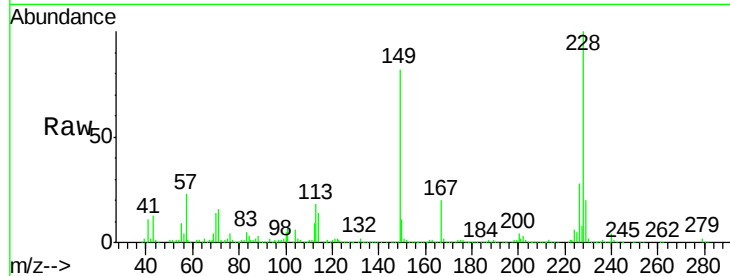
ClientSampleId :

U5-B2(0-10)CMSD

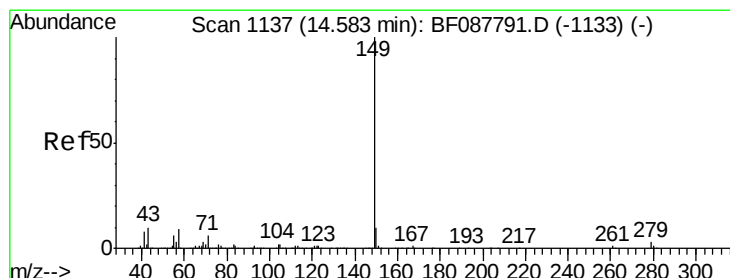
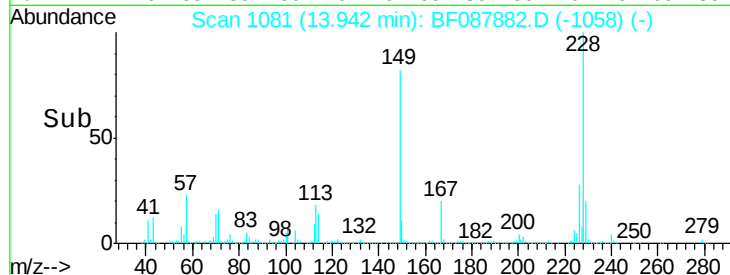
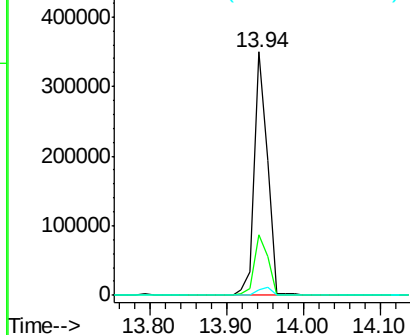
Tot Ion:	149	Resp:	404895
Ion Ratio		Lower	Upper
149	100		
167	25.0	20.5	30.7
279	2.2	2.0	3.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.81 ng

RT: 14.56 min Scan# 1135

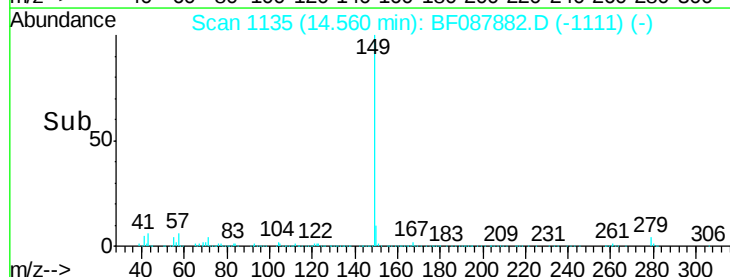
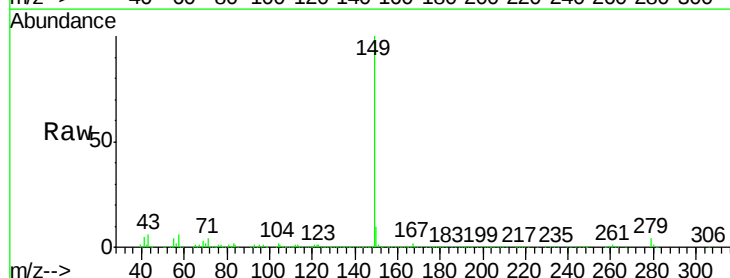
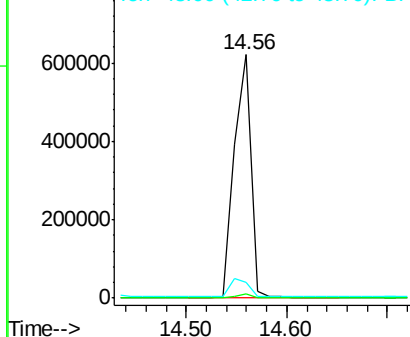
Delta R.T. -0.02 min

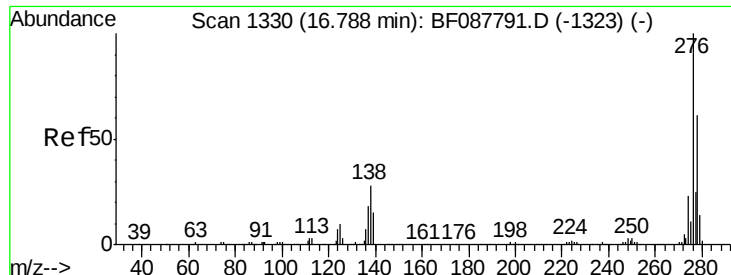
Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Tgt Ion:	149	Resp:	713424
Ion Ratio		Lower	Upper
149	100		
167	1.6	0.0	0.0#
43	8.5	0.0	0.0#

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





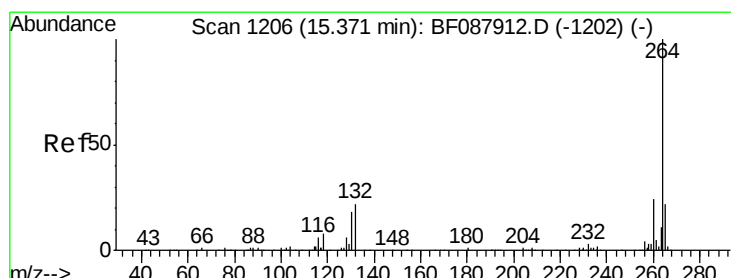
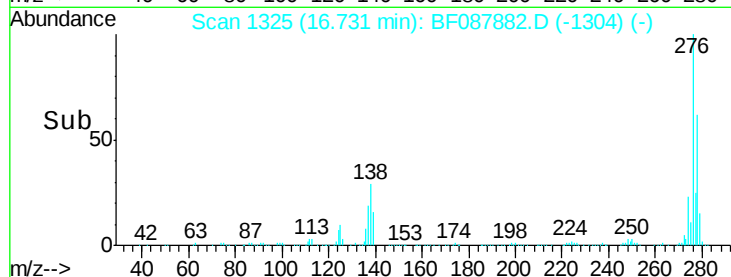
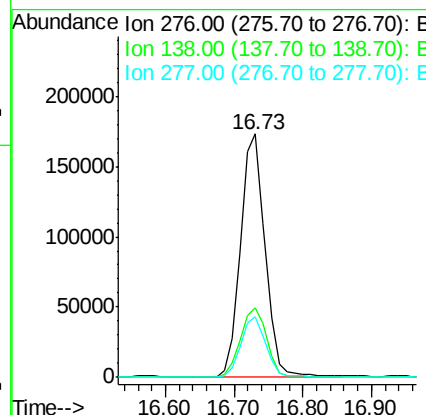
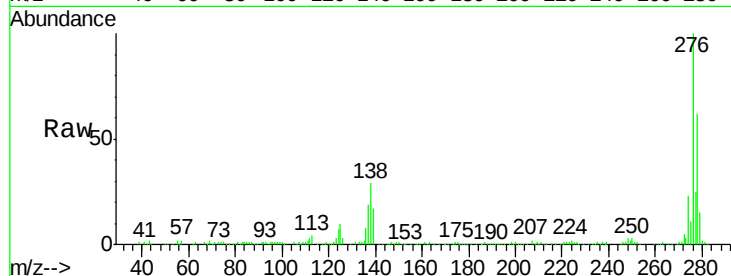
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.53 ng
 RT: 16.73 min Scan# 1325
 Delta R.T. -0.06 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	29.8	0.0	0.0#
277	25.7	0.0	0.0#

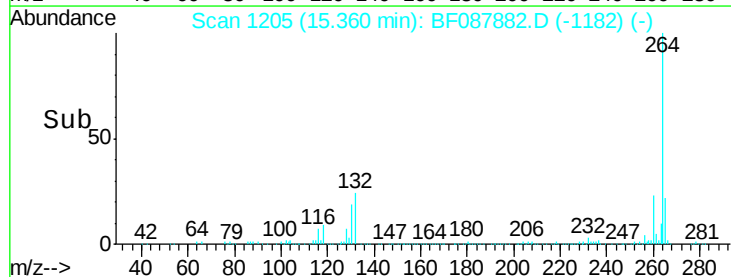
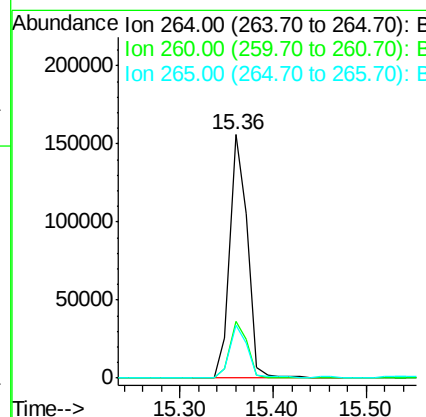
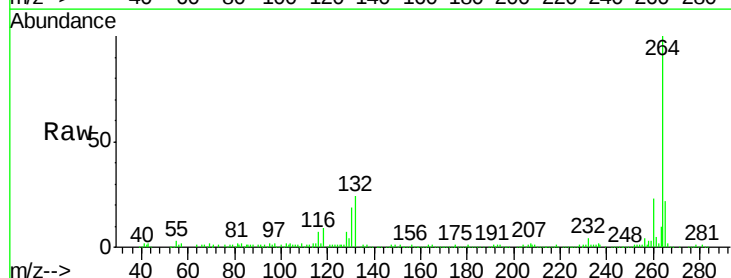
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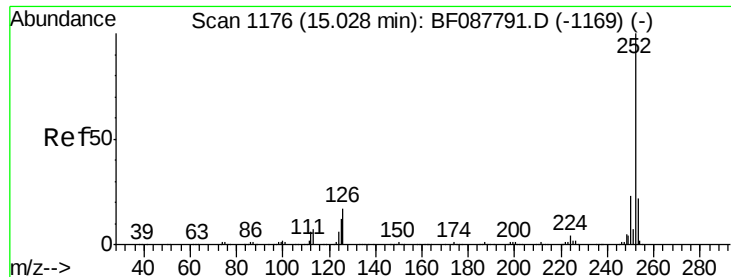
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.0	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 41.27 ng m

RT: 14.97 min Scan# 1171

Delta R.T. -0.02 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

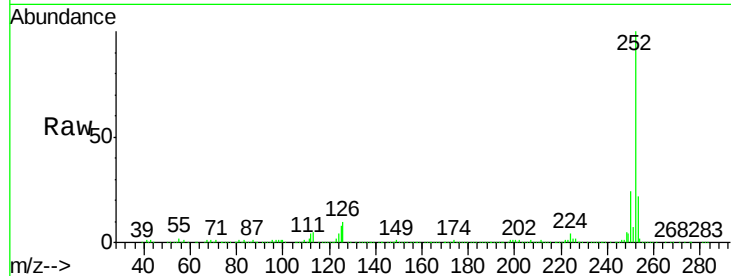
ClientSampleId :

U5-B2(0-10)CMSD

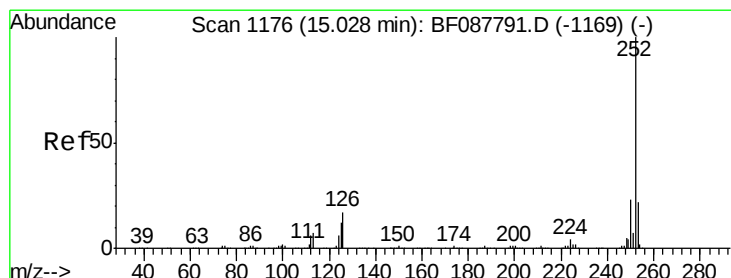
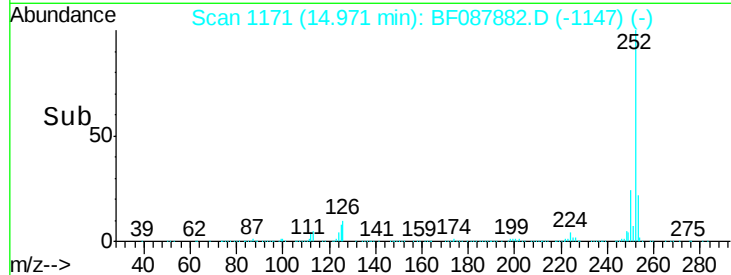
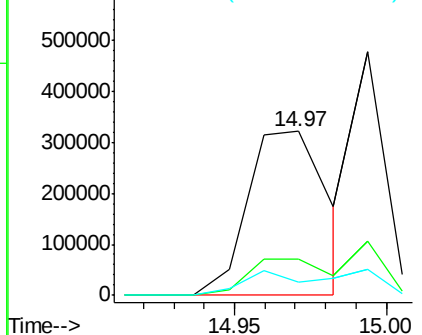
Tot Ion:	252	Resp:	591023
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.2
125	8.3	7.1	10.7

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



#88

Benzo(k)fluoranthene

Concen: 33.69 ng m

RT: 14.99 min Scan# 1173

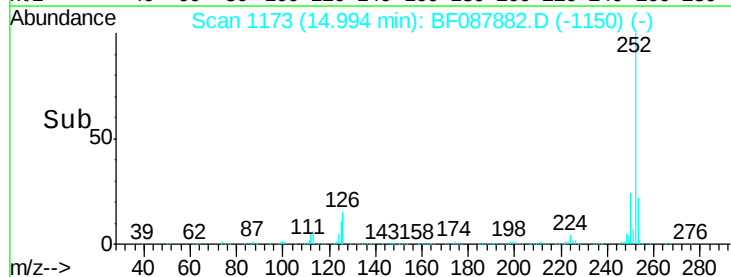
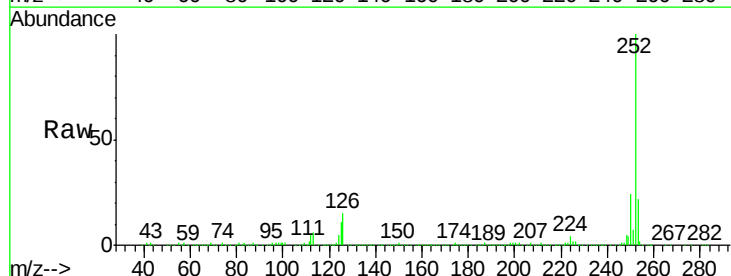
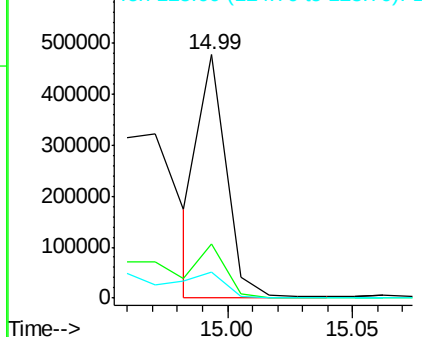
Delta R.T. -0.03 min

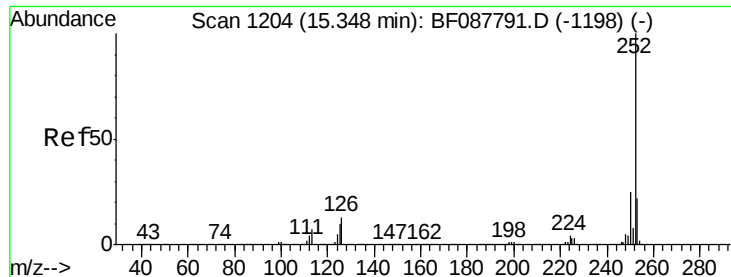
Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Tgt Ion:	252	Resp:	363857
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.0	27.0
125	10.8	11.2	16.8#

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





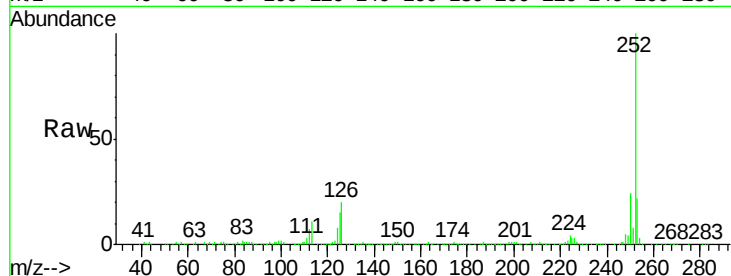
#89
Benzo(a)pyrene
Concen: 36.16 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.05 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

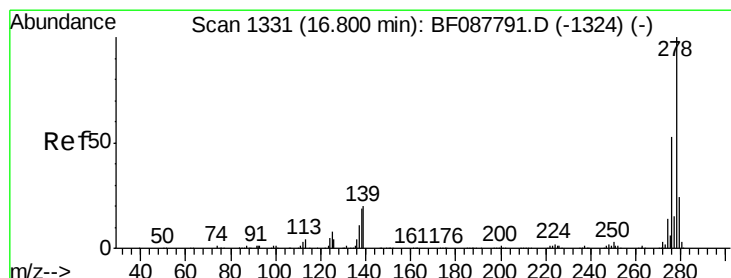
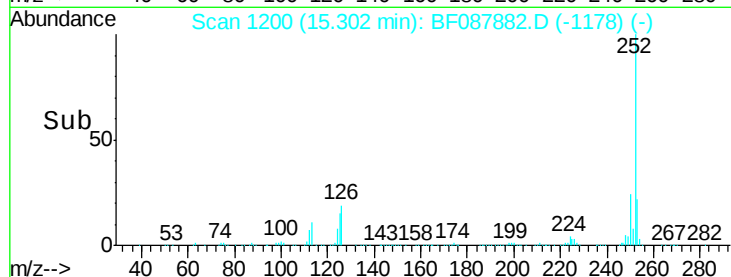
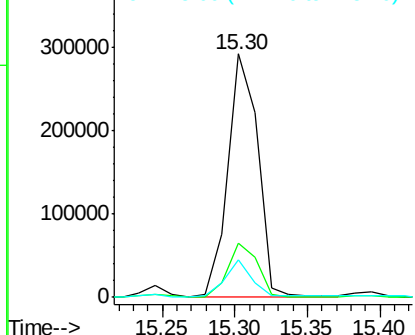
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	15.4	12.5	18.7

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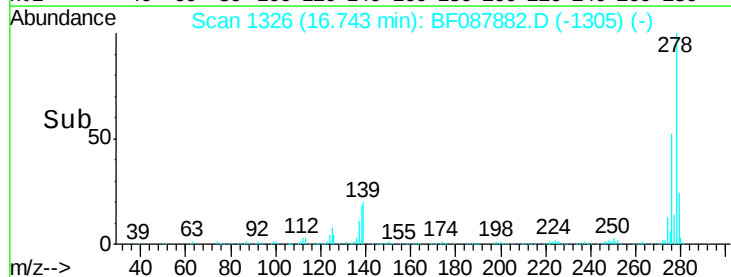
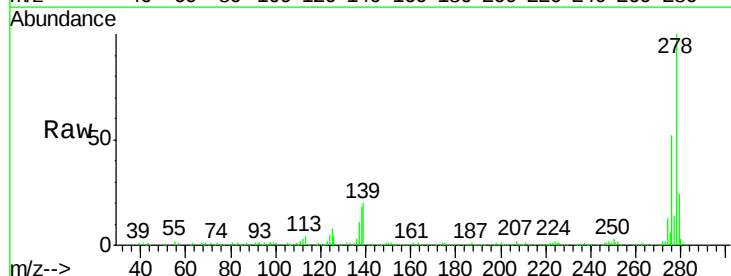
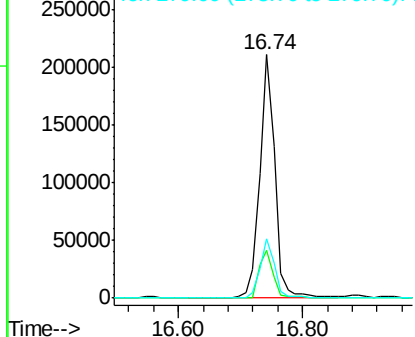
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

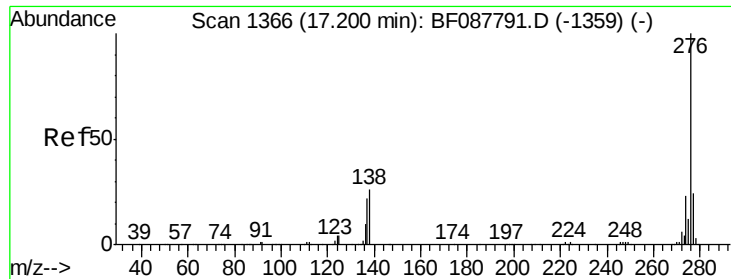


#90
Dibenzo(a,h)anthracene
Concen: 33.51 ng
RT: 16.74 min Scan# 1326
Delta R.T. -0.06 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.8	15.7	23.5
279	24.4	19.4	29.2

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





#91
 Benzo(a,h,i)perylene
 Concen: 31.59 ng
 RT: 17.13 min Scan# 1360
 Delta R.T. -0.07 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

Tot Ion:	276	Resp:	349665
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.9	28.3
138	28.7	21.4	32.2

Manual Integrations
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