

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
 Data File : BF087742.D
 Acq On : 6 Jun 2016 8:19
 Operator : UM/SJ
 Sample : H3356-01MSD
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 6/6/2016 7:25:39 PM

Quant Time: Jun 06 12:47:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	133901	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	498182	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	226829	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	326392	20.00	ng	0.00
75) Chrysene-d12	14.02	240	263658	20.00	ng	0.00
86) Perylene-d12	15.45	264	219260	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	760800	91.84	ng	0.02
7) Phenol-d6	6.50	99	930899	89.60	ng	0.01
23) Nitrobenzene-d5	7.43	82	571705	66.40	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	217717	95.62	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1011917	63.24	ng	0.00
78) Terphenyl-d14	12.97	244	754960	69.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	99633	24.88	ng	# 30
3) Pyridine	3.28	79	250330	23.66	ng	99
4) n-Nitrosodimethylamine	3.21	42	136761	30.60	ng	97
6) Aniline	6.52	93	203300	13.80	ng	96
8) 2-Chlorophenol	6.65	128	319121	33.48	ng	90
9) Benzaldehyde	6.40	77	22623	3.22	ng	# 81
10) Phenol	6.51	94	371601	31.41	ng	87
11) bis(2-Chloroethyl)ether	6.60	93	305048	35.49	ng	87
12) 1,3-Dichlorobenzene	6.80	146	296031	29.00	ng	98
13) 1,4-Dichlorobenzene	6.88	146	307304	30.01	ng	98
14) 1,2-Dichlorobenzene	7.04	146	298881	31.13	ng	99
15) Benzyl Alcohol	7.00	79	219075	28.54	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	390412	31.14	ng	97
17) 2-Methylphenol	7.12	107	240807	31.46	ng	99
18) Hexachloroethane	7.38	117	98571	27.52	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	196182	30.23	ng	# 81
20) 3+4-Methylphenols	7.28	107	300852	32.08	ng	# 83
22) Acetophenone	7.28	105	393592	34.88	ng	# 91
24) Nitrobenzene	7.45	77	335893	38.98	ng	95
25) Isophorone	7.69	82	518305	33.06	ng	99
26) 2-Nitrophenol	7.76	139	85899	21.45	ng	99
27) 2,4-Dimethylphenol	7.80	122	253671	30.57	ng	94
28) bis(2-Chloroethoxy)methane	7.91	93	339090	34.10	ng	99
29) 2,4-Dichlorophenol	8.01	162	246665	36.19	ng	93
30) 1,2,4-Trichlorobenzene	8.09	180	251295	35.21	ng	99
31) Naphthalene	8.17	128	816085	33.69	ng	100
33) 4-Chloroaniline	8.22	127	111475	10.59	ng	98
34) Hexachlorobutadiene	8.30	225	136495	36.78	ng	99
35) Caprolactam	8.59	113	79546	35.53	ng	# 73
36) 4-Chloro-3-methylphenol	8.71	107	232420	32.97	ng	96
37) 2-Methylnaphthalene	8.87	142	547627	34.24	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	217528	34.80	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	56550	15.38	ng	99
42) 2,4,6-Trichlorophenol	9.14	196	148759	31.51	ng	98

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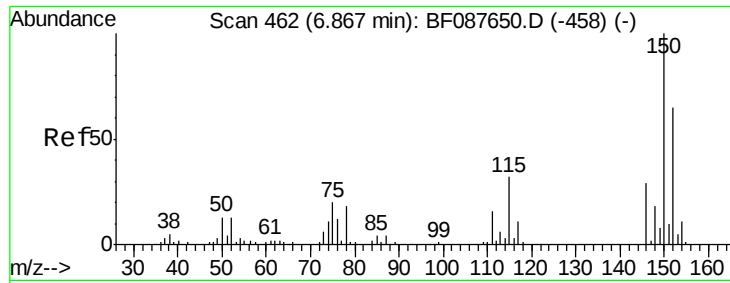
Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.19	196	144476	32.88	nq	98
45) 1,1'-Biphenyl	9.32	154	549669	29.86	nq	99
46) 2-Chloronaphthalene	9.35	162	451572	30.82	nq	100
47) 2-Nitroaniline	9.45	65	172884	41.90	nq	# 71
48) Acenaphthylene	9.77	152	744967	32.60	nq	99
49) Dimethylphthalate	9.63	163	860092	52.16	nq	100
50) 2,6-Dinitrotoluene	9.69	165	118629	31.62	nq	# 84
51) Acenaphthene	9.94	154	455178	30.96	nq	99
52) 3-Nitroaniline	9.86	138	142192	33.13	nq	# 69
53) 2,4-Dinitrophenol	9.95	184	4705	6.51	nq	# 64
54) Dibenzofuran	10.11	168	705273	35.23	nq	97
55) 4-Nitrophenol	10.02	139	220921	60.23	nq	# 78
56) 2,4-Dinitrotoluene	10.09	165	155731	32.60	nq	# 86
57) Fluorene	10.46	166	513146	32.79	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	116457	30.77	nq	# 52
59) Diethylphthalate	10.33	149	599122	36.18	nq	100
60) 4-Chlorophenyl-phenylether	10.44	204	216728	32.16	nq	98
61) 4-Nitroaniline	10.47	138	137147	33.24	nq	95
62) Azobenzene	10.60	77	598587	35.91	nq	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	7824	6.15	nq	97
65) n-Nitrosodiphenylamine	10.56	169	470044	43.97	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	155596	48.08	nq	96
67) Hexachlorobenzene	10.99	284	149232	41.23	nq	94
68) Atrazine	11.10	200	137673	43.47	nq	97
69) Pentachlorophenol	11.19	266	146176	67.97	nq	98
70) Phenanthrene	11.42	178	759920	42.94	nq	98
71) Anthracene	11.46	178	735650	41.49	nq	100
72) Carbazole	11.62	167	722132	43.02	nq	# 97
73) Di-n-butylphthalate	11.95	149	879936	48.90	nq	100
74) Fluoranthene	12.61	202	783310	44.98	nq	92
76) Benzidine	12.72	184	187923	18.08	nq	98
77) Pyrene	12.82	202	727453	38.75	nq	100
79) Butylbenzylphthalate	13.45	149	372855	46.66	nq	97
80) Benzo(a)anthracene	14.01	228	644836	42.38	nq	100
81) 3,3'-Dichlorobenzidine	13.98	252	152003	35.41	nq	# 96
82) Chrysene	14.05	228	546197	36.06	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	485666	51.08	nq	99
84) Di-n-octyl phthalate	14.62	149	812011	45.93	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.86	276	534549	42.70	nq	# 100
87) Benzo(b)fluoranthene	15.04	252	593074m	41.58	nq	
88) Benzo(k)fluoranthene	15.07	252	584010m	49.21	nq	
89) Benzo(a)pyrene	15.39	252	540540	45.08	nq	97
90) Dibenzo(a,h)anthracene	16.87	278	444025	43.52	nq	99
91) Benzo(q,h,i)perylene	17.27	276	434555	42.21	nq	99

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



#1

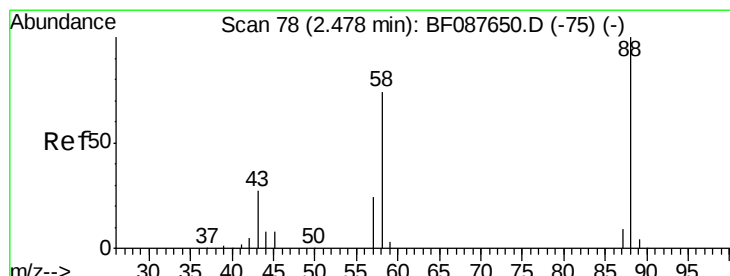
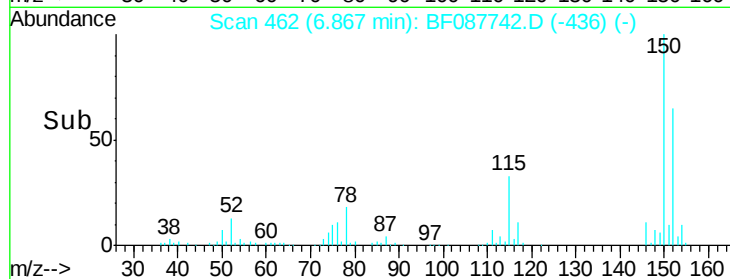
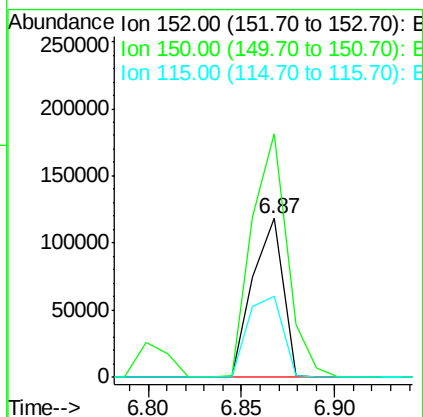
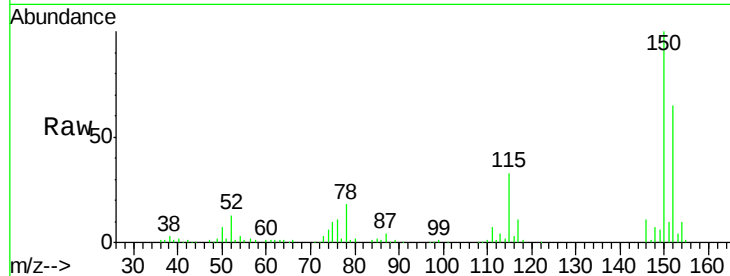
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.8	185.6
115	51.2	39.6	59.4

Manual Integrations
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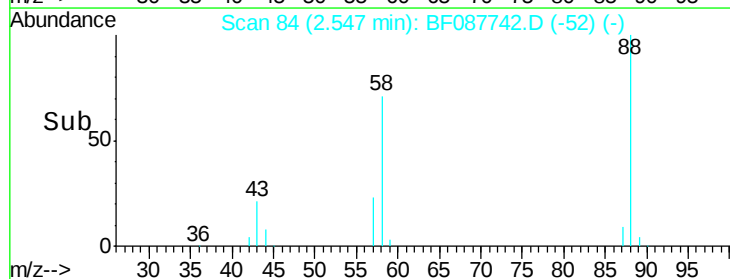
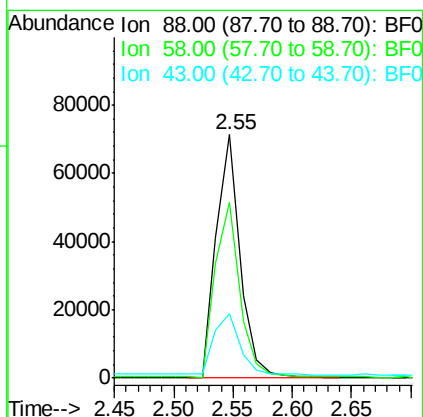
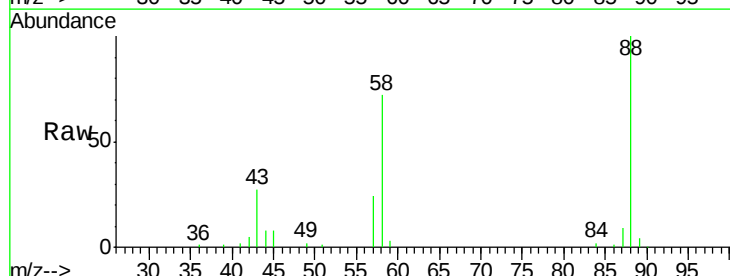
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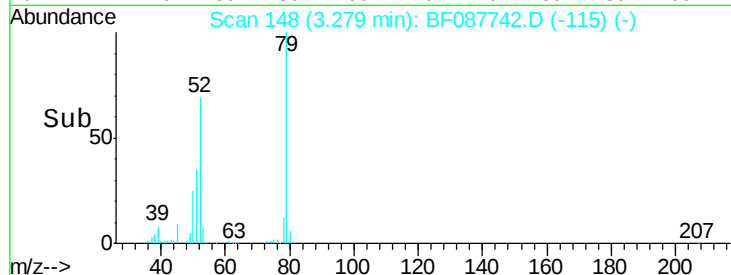
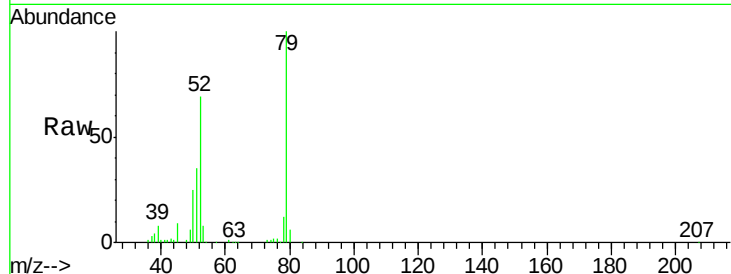
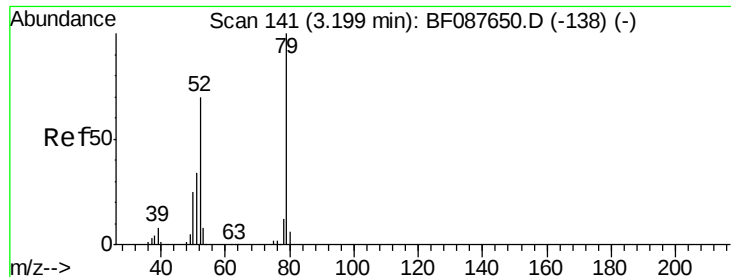


#2

1,4-Dioxane
Concen: 24.88 ng
RT: 2.55 min Scan# 84
Delta R.T. 0.07 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.1	0.0	0.0#
43	27.3	3.4	5.2#





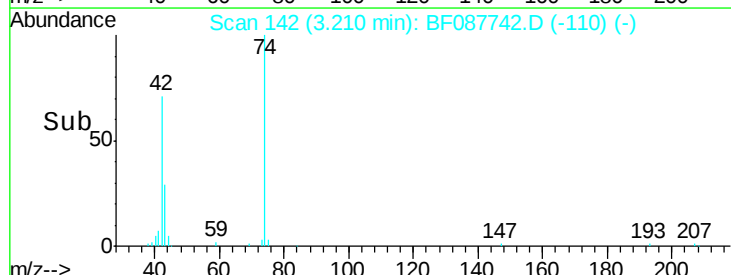
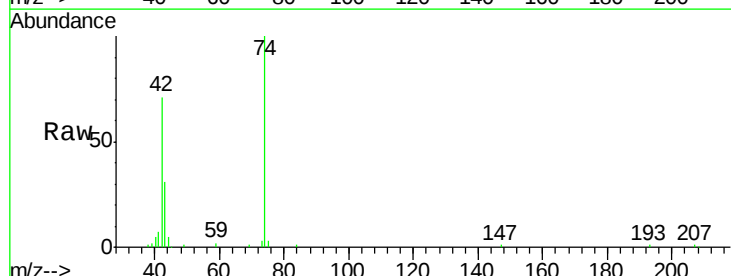
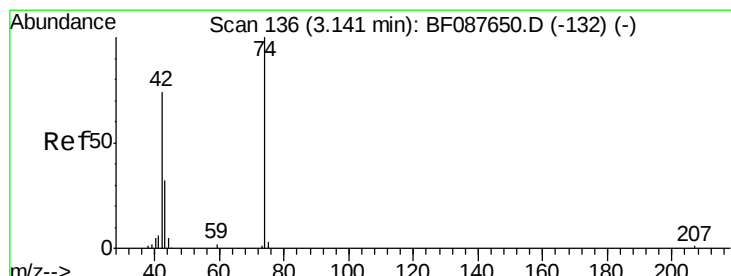
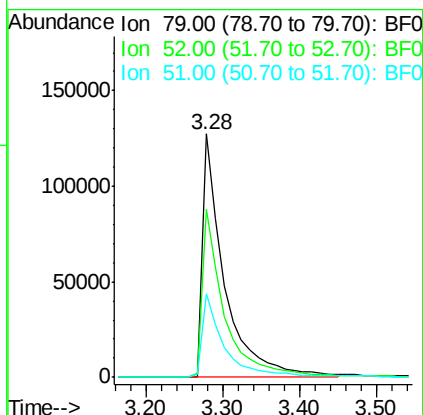
#3
 Pvridine
 Concen: 23.66 ng
 RT: 3.28 min Scan# 148
 Delta R.T. 0.08 min
 Lab File: BF087742.D
 Acq: 6 Jun 2016 8:19

Tot Ion	Ratio	Resp	Lower	Upper
79	100	250330		
52	69.3		56.3	84.5
51	34.6		27.4	41.2

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

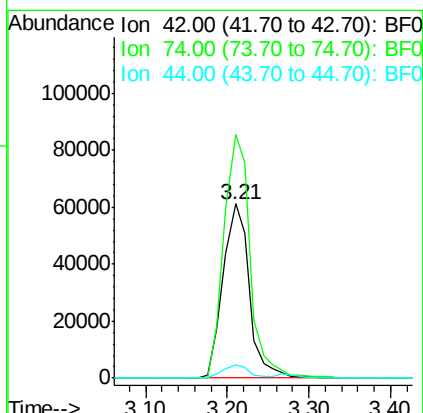
Manual Integrations
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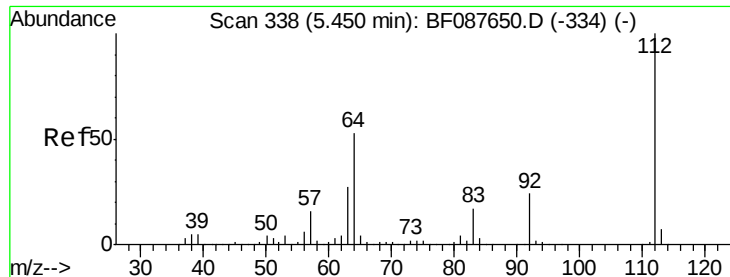
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#4
 n-Nitrosodimethylamine
 Concen: 30.60 ng
 RT: 3.21 min Scan# 142
 Delta R.T. 0.07 min
 Lab File: BF087742.D
 Acq: 6 Jun 2016 8:19

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	136761		
74	140.0		108.6	163.0
44	7.3		5.5	8.3





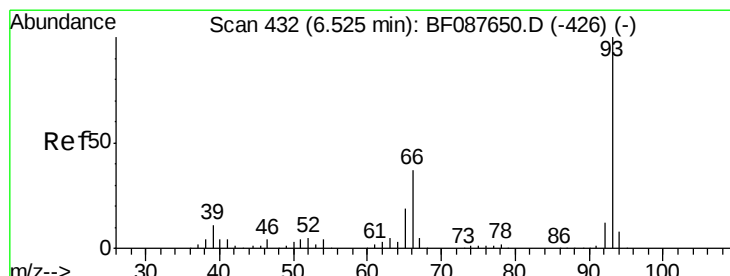
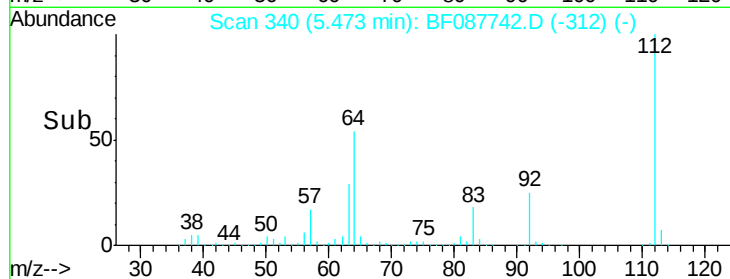
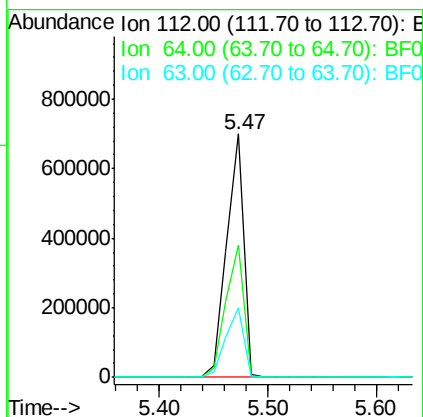
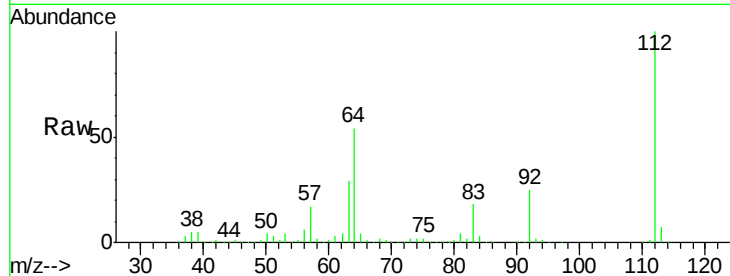
#5
2-Fluorophenol
Concen: 91.84 ng
RT: 5.47 min Scan# 340
Delta R.T. 0.02 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

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

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	54.3	42.2	63.2
63	28.6	21.8	32.8

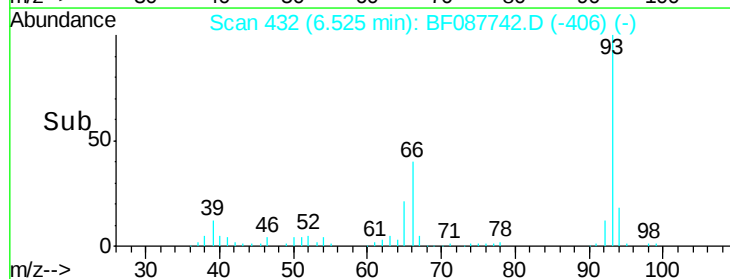
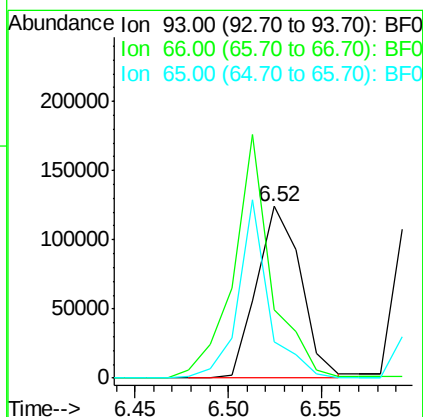
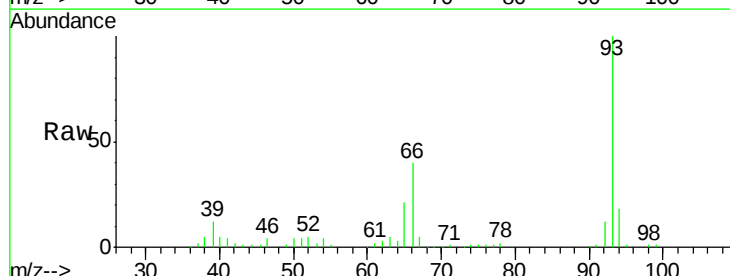
Manual Integrations
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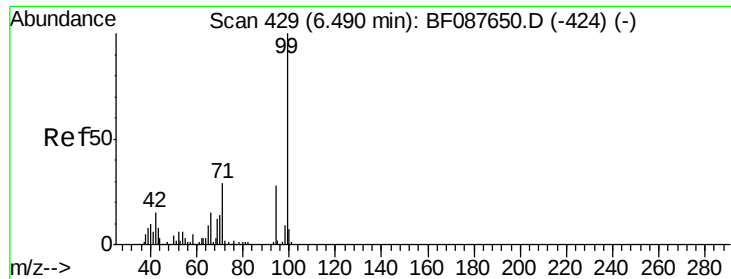
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#6
Aniline
Concen: 13.80 ng
RT: 6.52 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	39.7	29.8	44.8
65	21.0	14.9	22.3





#7

Phenol-d6

Concen: 89.60 ng

RT: 6.50 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA_F

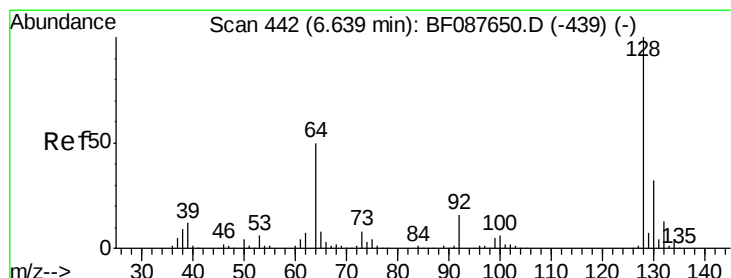
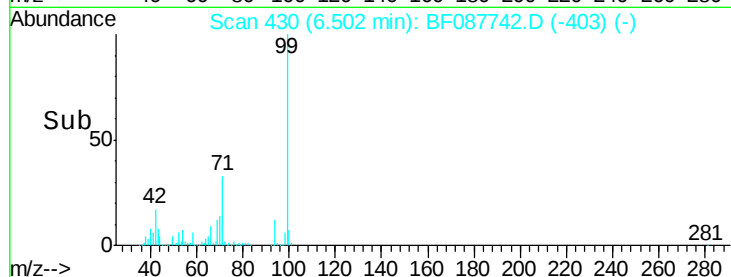
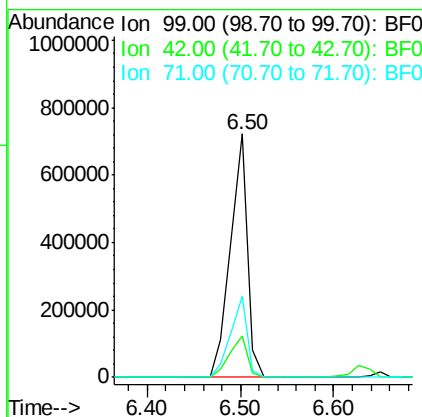
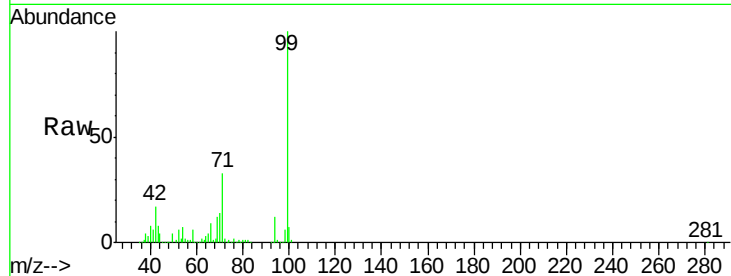
ClientSampleId :

U5-B2(0-10)CMSD

Tot Ion:	99	Resp:	930899
Ion Ratio	Lower	Upper	
99	100		
42	16.9	12.2	18.2
71	33.2	23.4	35.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 33.48 ng

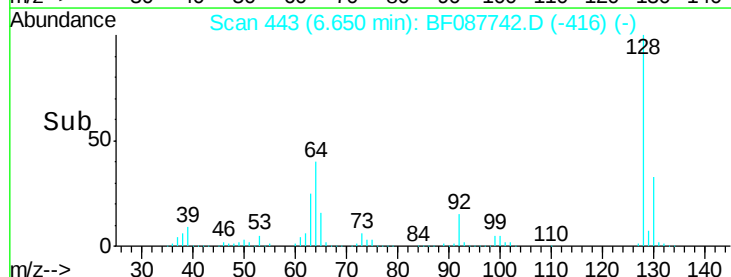
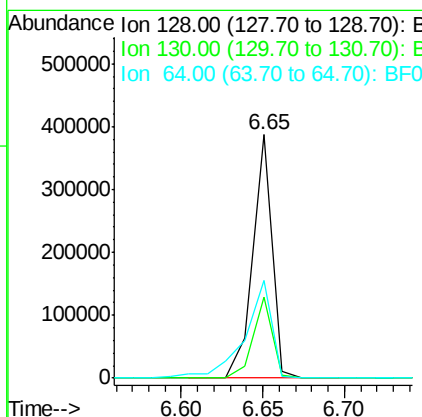
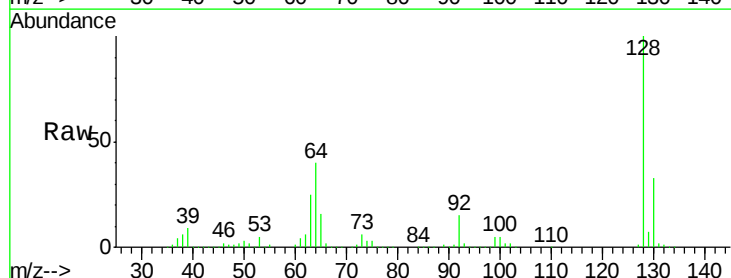
RT: 6.65 min Scan# 443

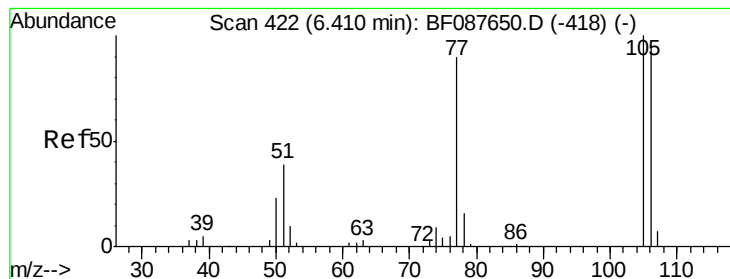
Delta R.T. 0.01 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Tgt Ion:	128	Resp:	319121
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.0	52.0
64	40.2	30.8	70.8





#9

Benzaldehyde

Concen: 3.22 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA_F

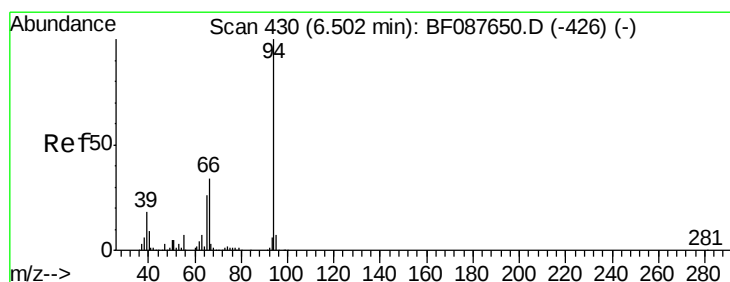
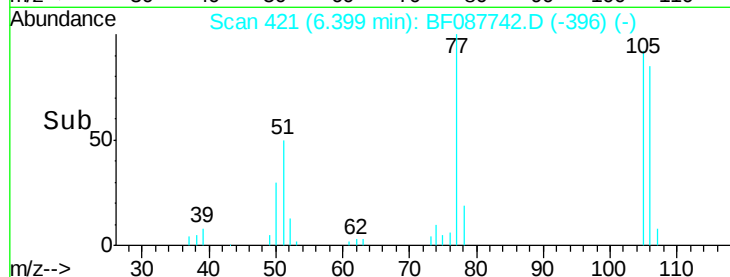
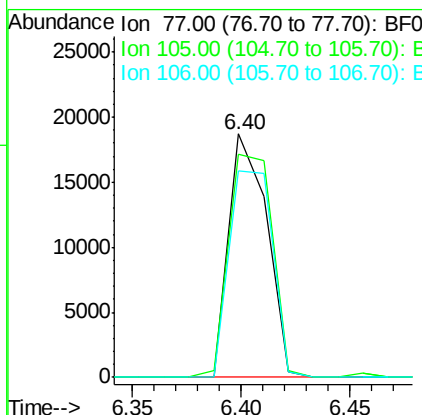
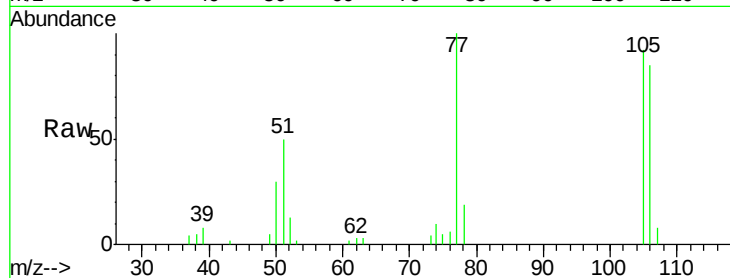
ClientSampleId :

U5-B2(0-10)CMSD

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Tot Ion:	77	Resp:	22623
Ion	Ratio	Lower	Upper
77	100		
105	91.8	90.6	130.6
106	85.0	85.3	125.3



#10

Phenol

Concen: 31.41 ng

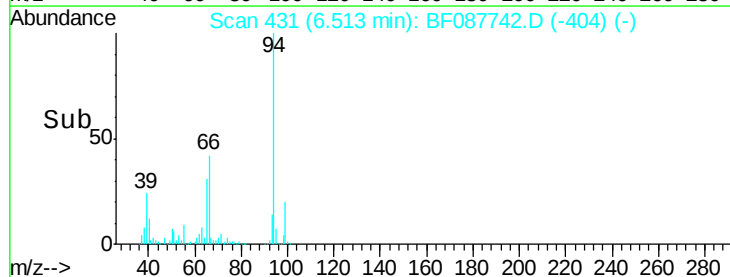
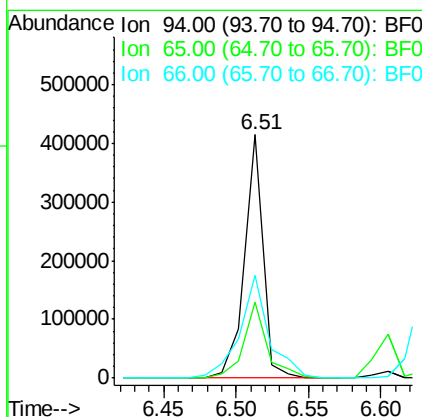
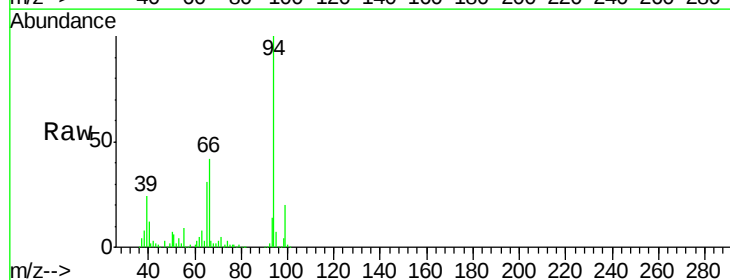
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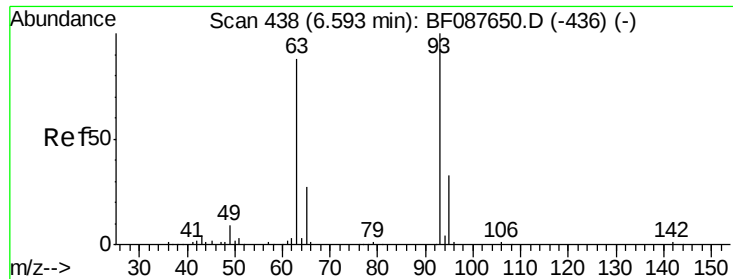
Delta R.T. 0.01 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Tgt Ion:	94	Resp:	371601
Ion	Ratio	Lower	Upper
94	100		
65	31.1	5.9	45.9
66	42.4	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 35.49 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA_F

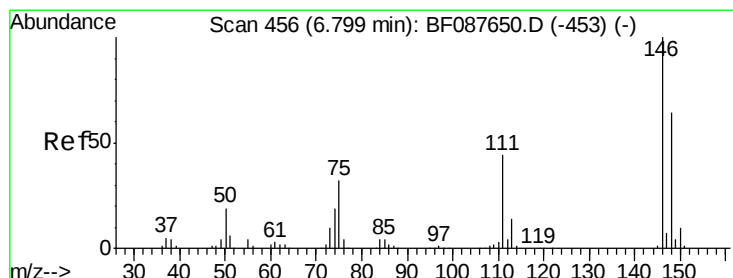
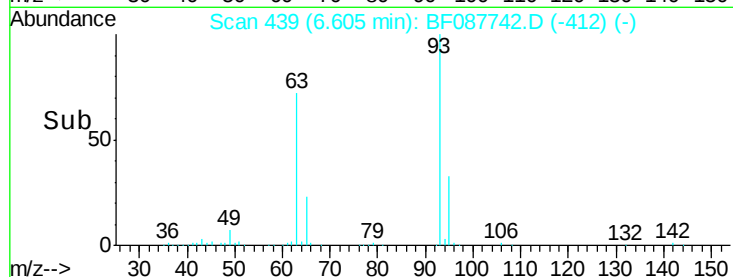
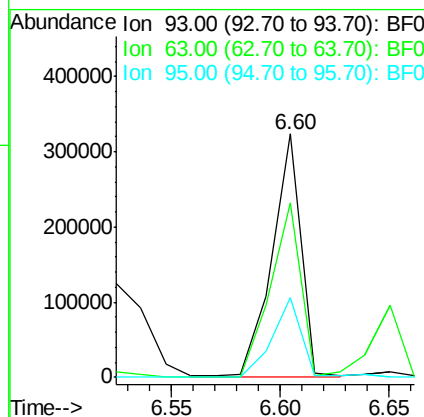
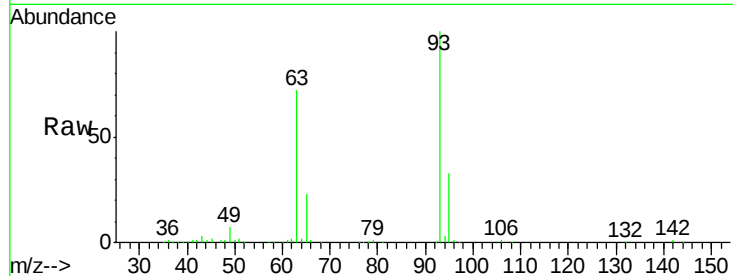
ClientSampleId :

U5-B2(0-10)CMSD

Tot Ion:	93	Resp:	305048
Ion Ratio	Lower	Upper	
93	100		
63	71.8	67.6	107.6
95	32.6	12.5	52.5

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#12

1,3-Dichlorobenzene

Concen: 29.00 ng

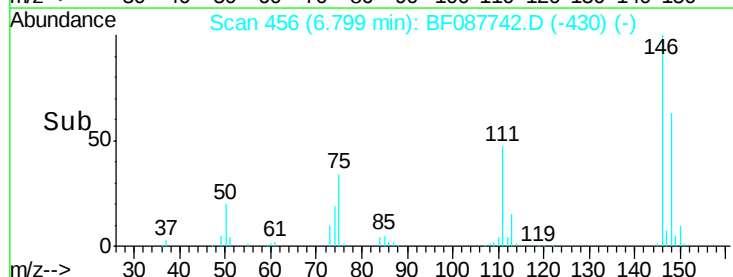
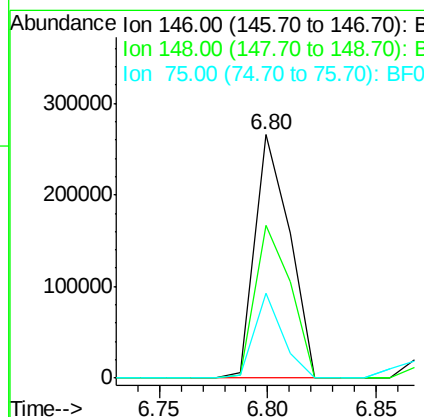
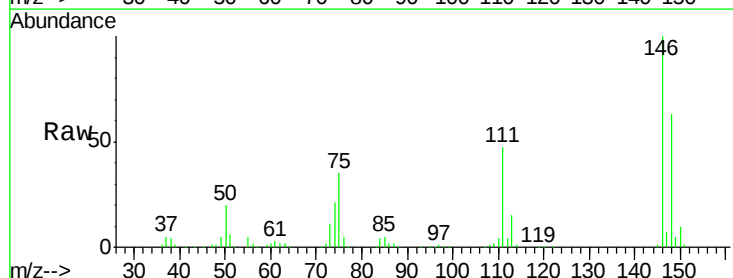
RT: 6.80 min Scan# 456

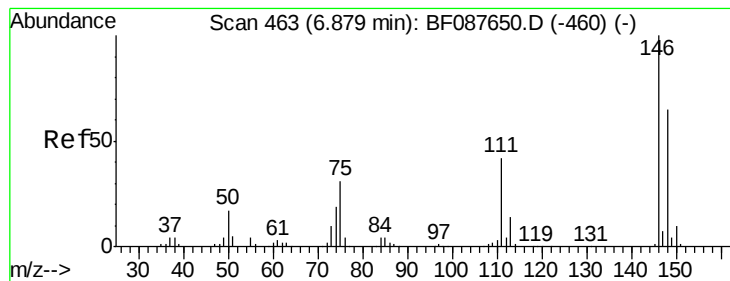
Delta R.T. 0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Tgt Ion:	146	Resp:	296031
Ion Ratio	Lower	Upper	
146	100		
148	62.8	50.9	76.3
75	34.9	25.6	38.4





#13

1,4-Dichlorobenzene

Concen: 30.01 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA_F

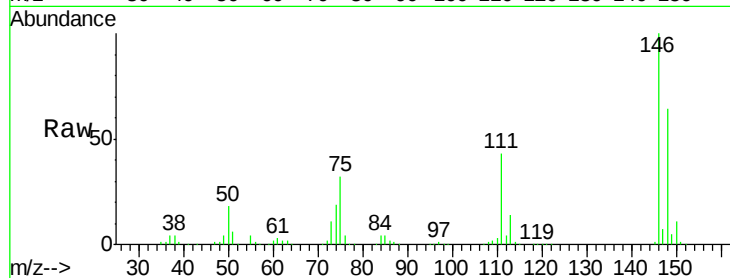
ClientSampleId :

U5-B2(0-10)CMSD

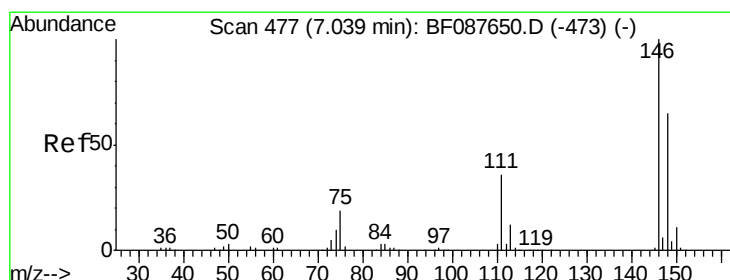
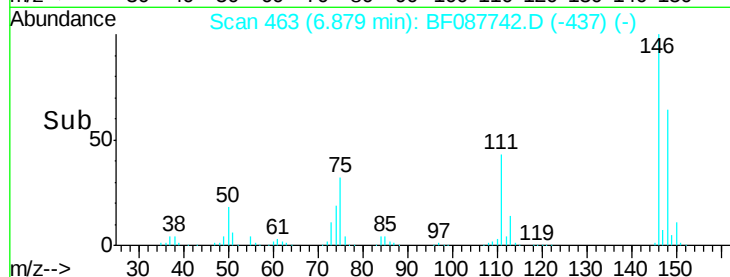
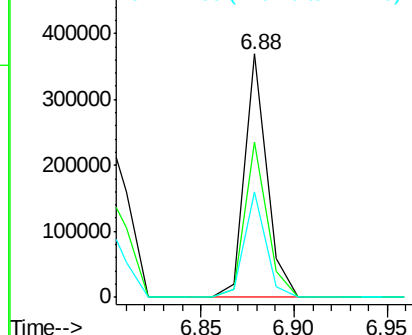
Tot Ion:	146	Resp:	307304
Ion Ratio	Lower	Upper	
146	100		
148	63.6	52.0	78.0
111	43.3	33.8	50.8

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 31.13 ng

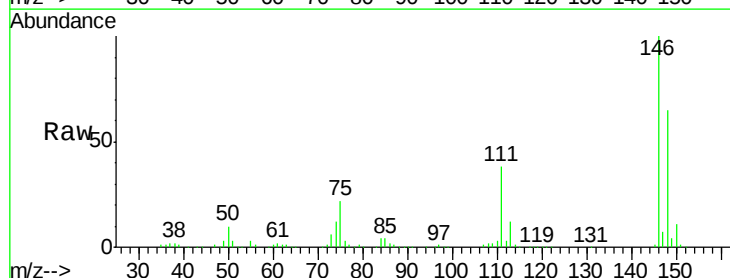
RT: 7.04 min Scan# 477

Delta R.T. -0.00 min

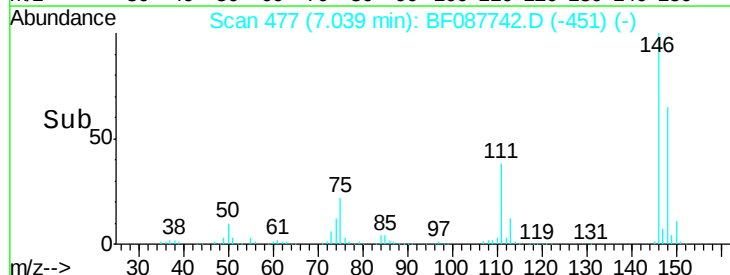
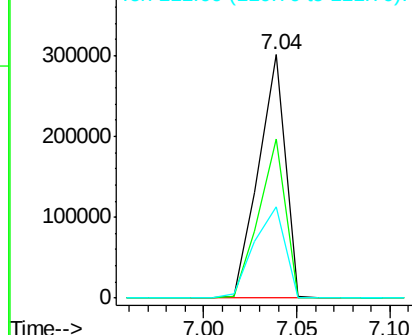
Lab File: BF087742.D

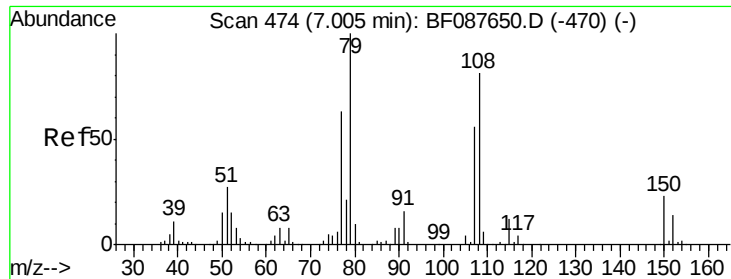
Acq: 6 Jun 2016 8:19

Tgt Ion:	146	Resp:	298881
Ion Ratio	Lower	Upper	
146	100		
148	65.4	52.3	78.5
111	37.7	28.7	43.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 28.54 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA_F

ClientSampleId :

U5-B2(0-10)CMSD

Tot Ion: 79 Resp: 219075

Ion Ratio Lower Upper

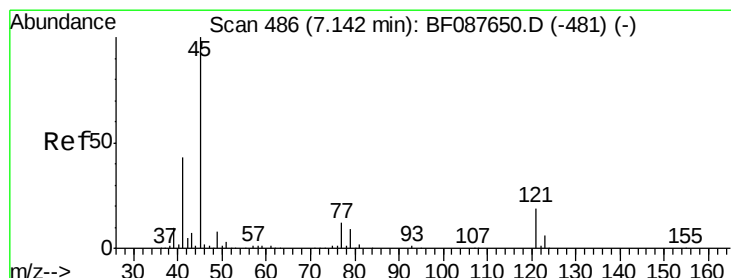
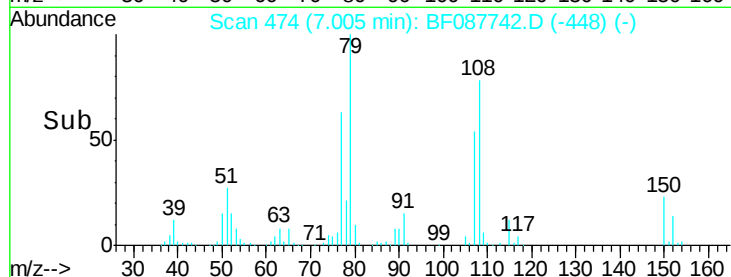
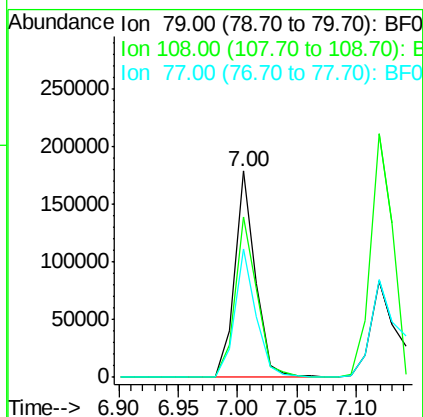
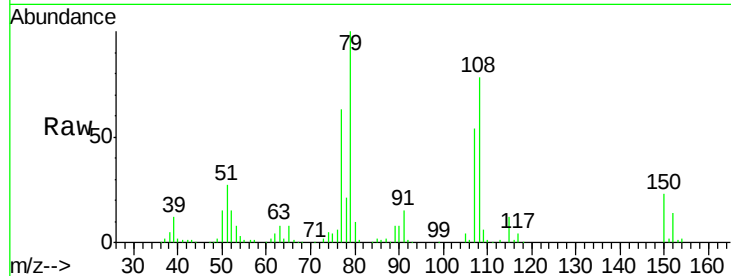
79 100

108 77.7 65.0 97.6

77 62.5 50.3 75.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 31.14 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

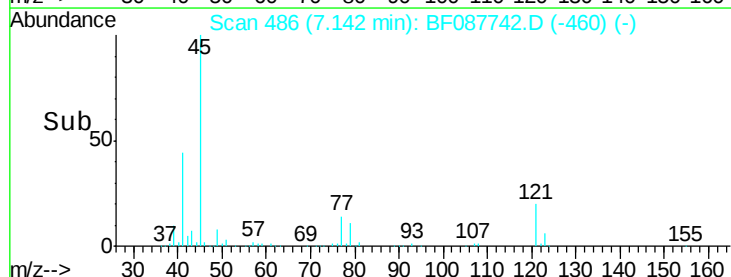
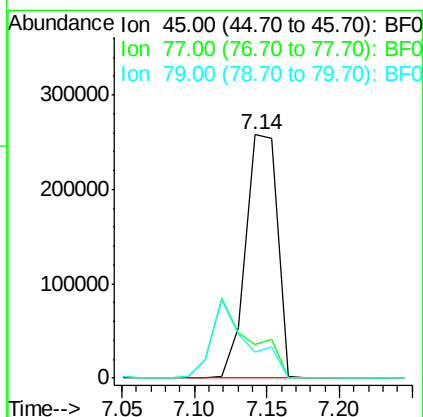
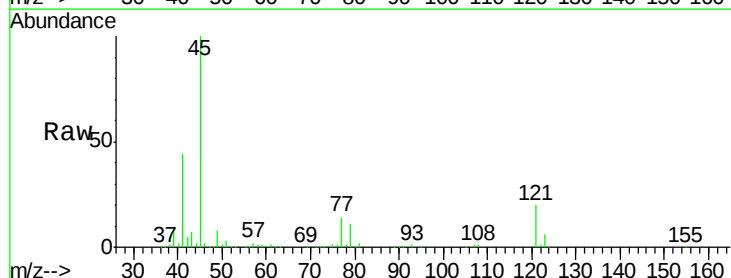
Tgt Ion: 45 Resp: 390412

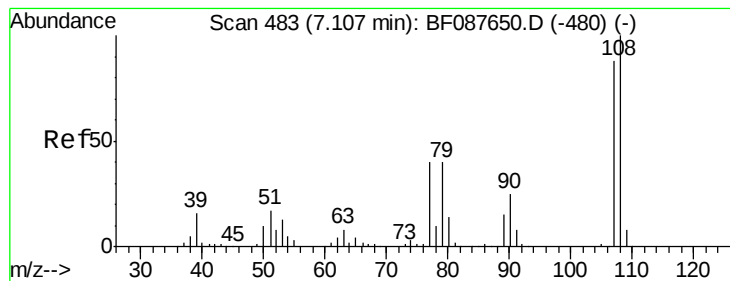
Ion Ratio Lower Upper

45 100

77 13.9 0.0 32.5

79 10.5 0.0 29.5





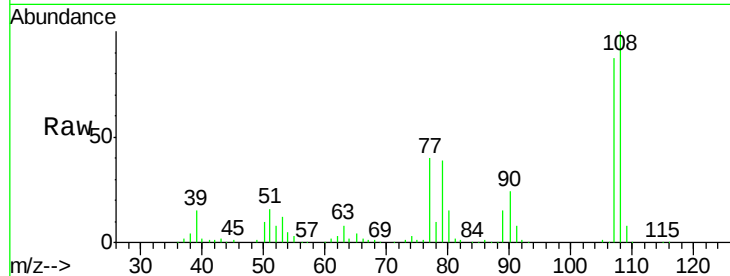
#17
2-Methylphenol
Concen: 31.46 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

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

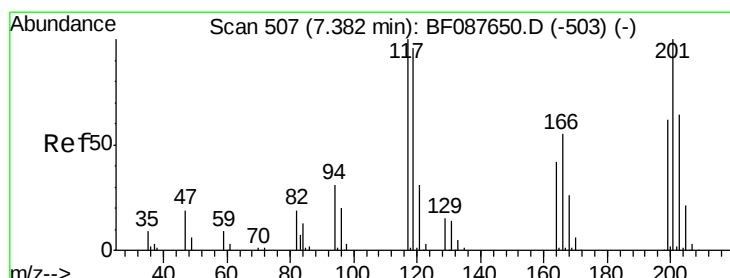
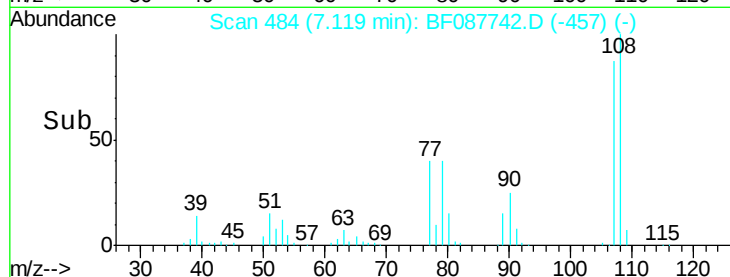
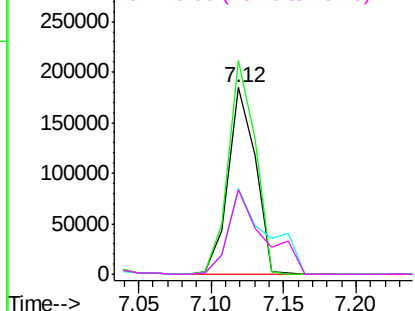
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	240807		
108	108	114.5	90.9	136.3	
77	77	46.0	36.6	55.0	
79	79	45.2	36.5	54.7	

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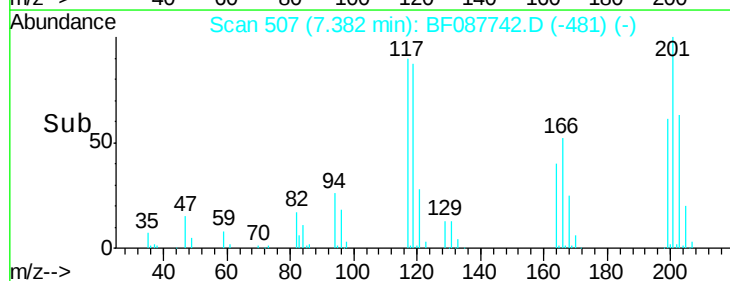
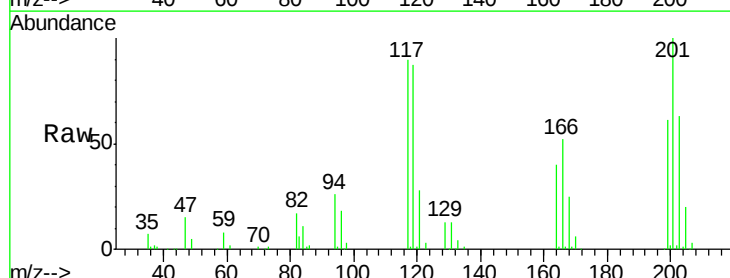
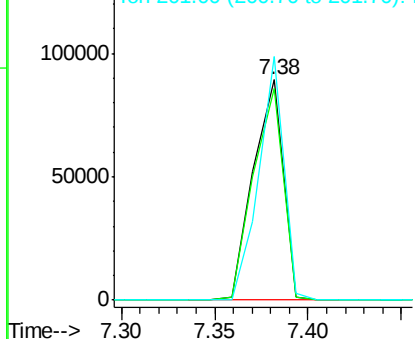
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

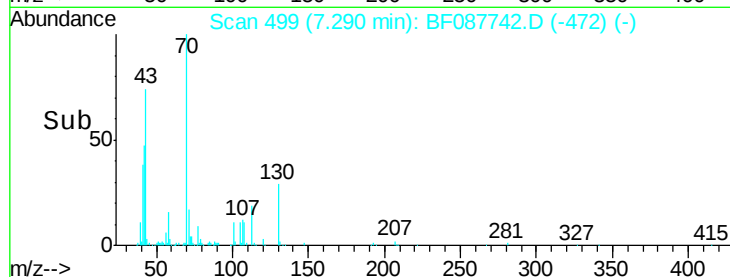
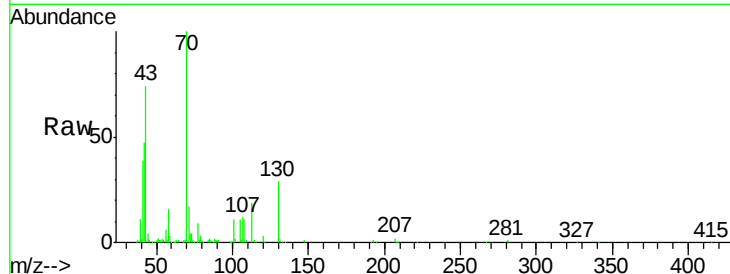
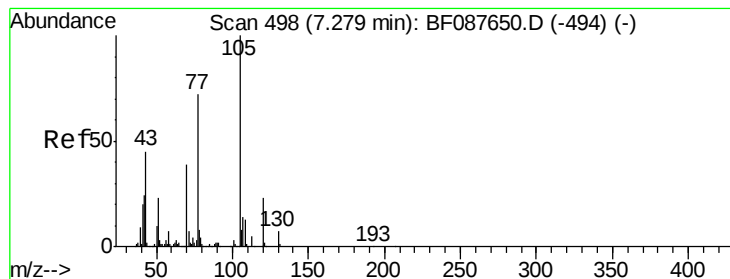


#18
Hexachloroethane
Concen: 27.52 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	98571		
119	119	96.2	77.4	116.2	
201	201	110.6	80.4	120.6	

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 30.23 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.01 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA_F

ClientSampleId :

U5-B2(0-10)CMSD

Tot Ion: 70 Resp: 196182

Ion Ratio Lower Upper

70 100

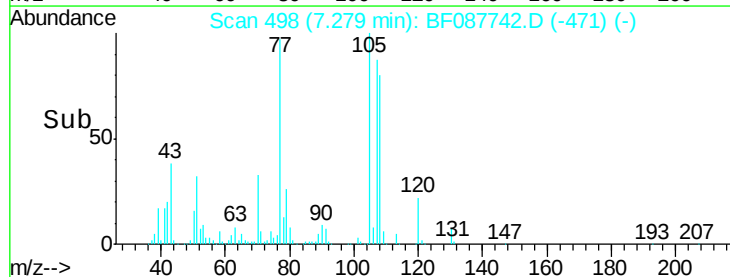
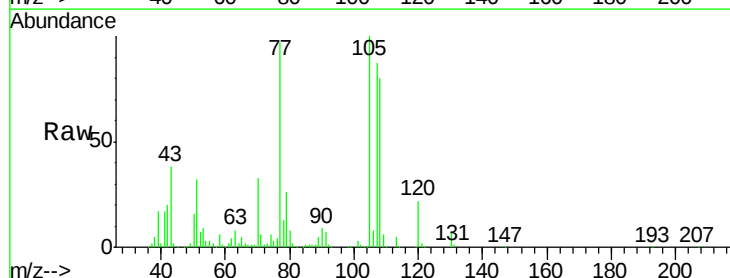
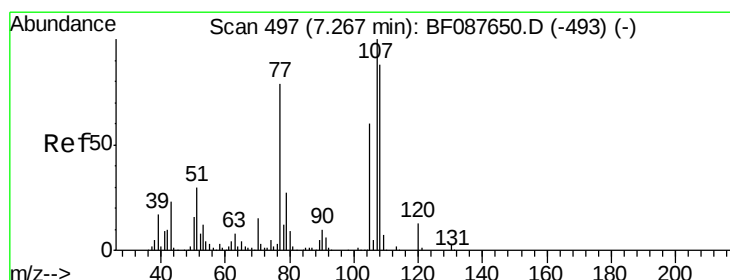
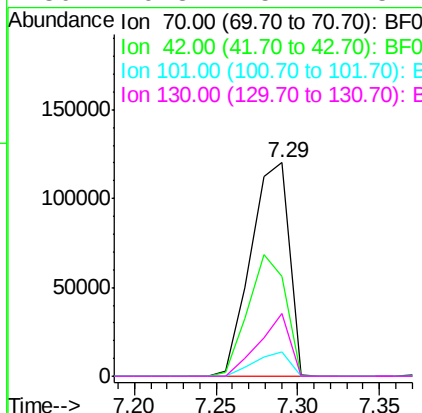
42 46.7 49.6 74.4#

101 11.3 7.1 10.7#

130 29.3 15.4 23.2#

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#20

3+4-Methylphenols

Concen: 32.08 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.01 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Tgt Ion: 107 Resp: 300852

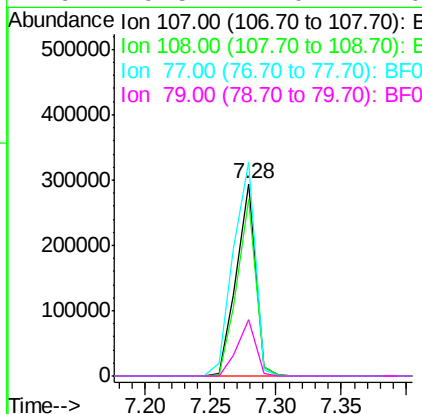
Ion Ratio Lower Upper

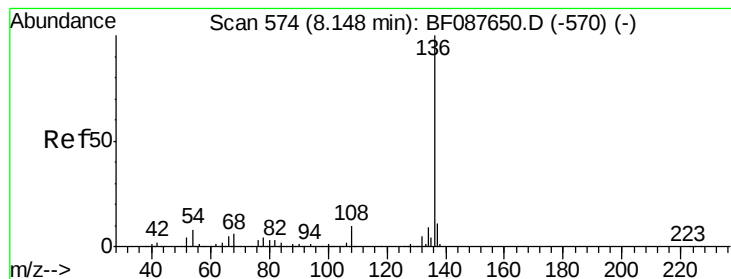
107 100

108 91.8 67.8 107.8

77 111.1 59.3 99.3#

79 29.5 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF087742.D

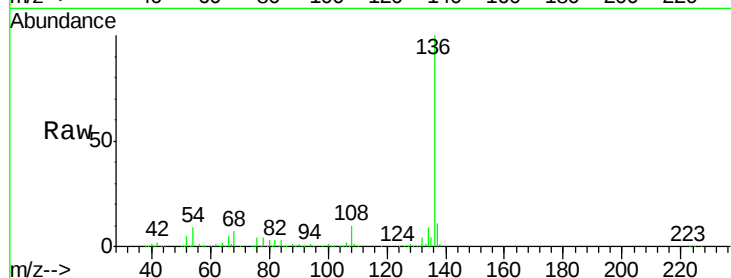
Acq: 6 Jun 2016 8:19

Instrument :

BNA_F

ClientSampleId :

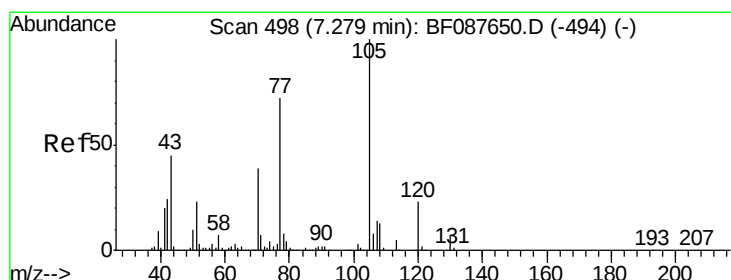
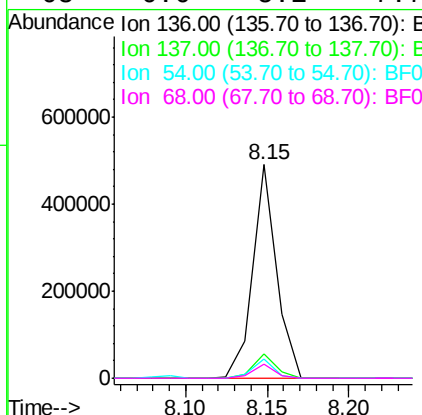
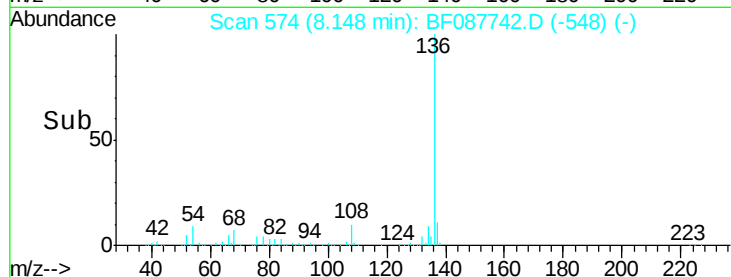
U5-B2(0-10)CMSD



Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.7	6.6	10.0
68	6.6	5.1	7.7

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#22

Acetophenone

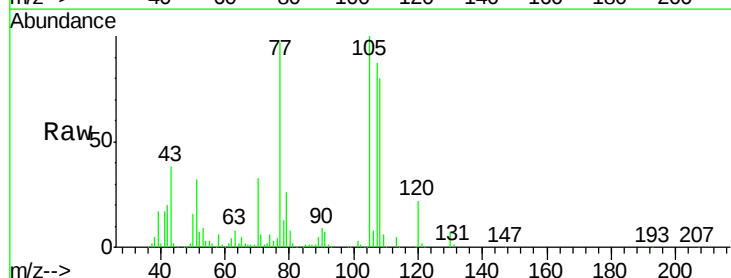
Concen: 34.88 ng

RT: 7.28 min Scan# 498

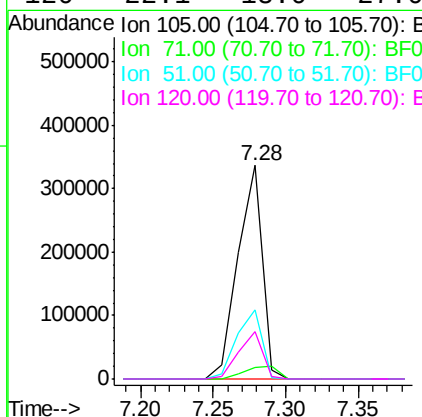
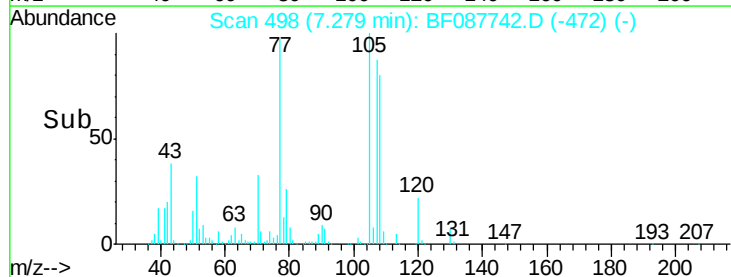
Delta R.T. -0.00 min

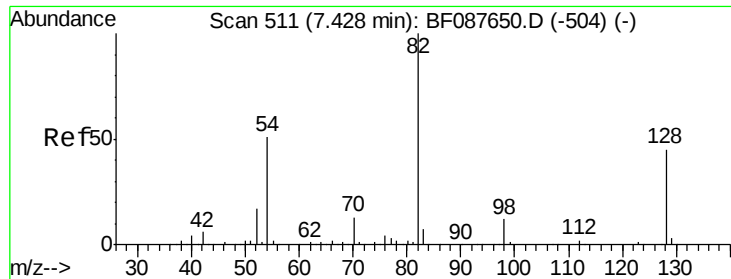
Lab File: BF087742.D

Acq: 6 Jun 2016 8:19



Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.6	5.3	7.9
51	32.1	18.2	27.4#
120	22.1	18.0	27.0





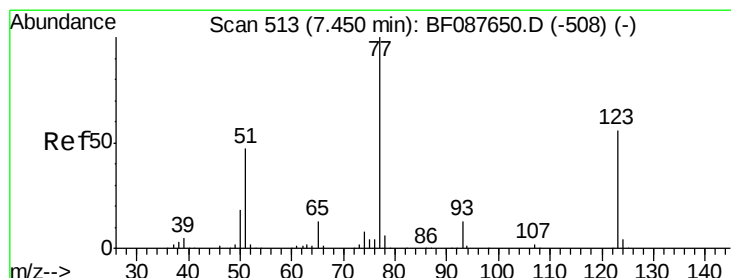
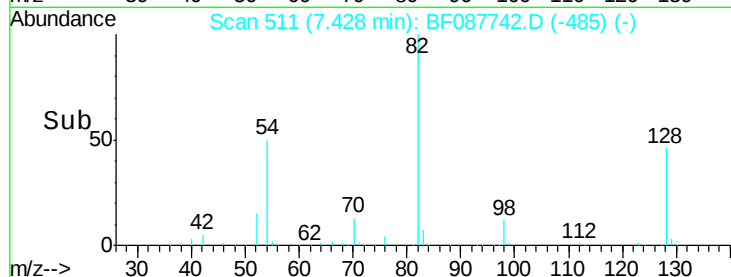
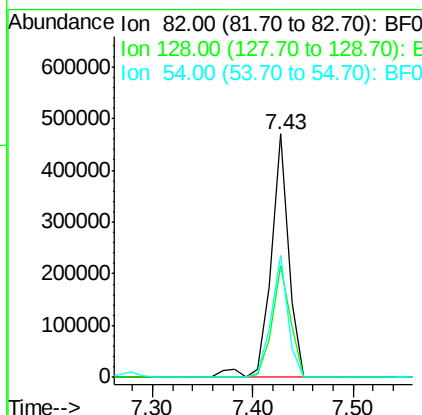
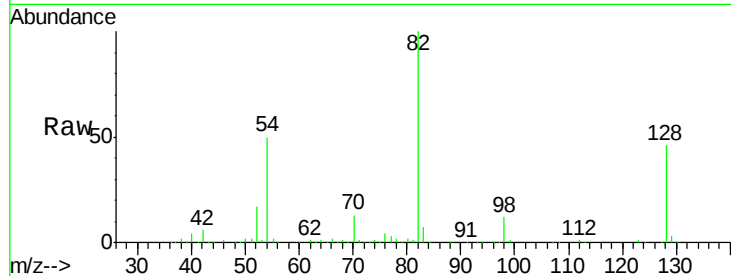
#23
 Nitrobenzene-d5
 Concen: 66.40 ng
 RT: 7.43 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF087742.D
 Acq: 6 Jun 2016 8:19

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100	571705		
128	46.1	35.9	53.9	
54	50.3	40.9	61.3	

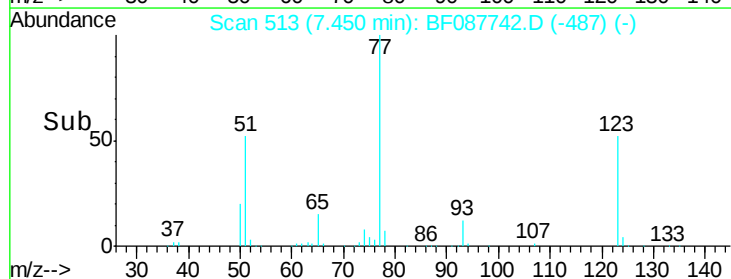
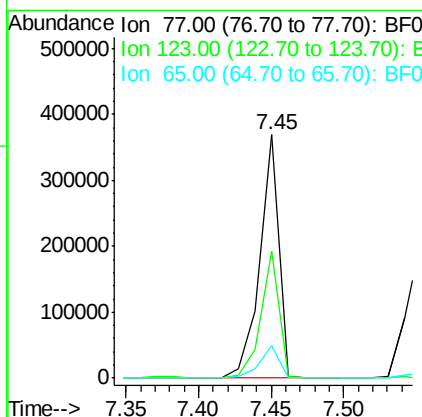
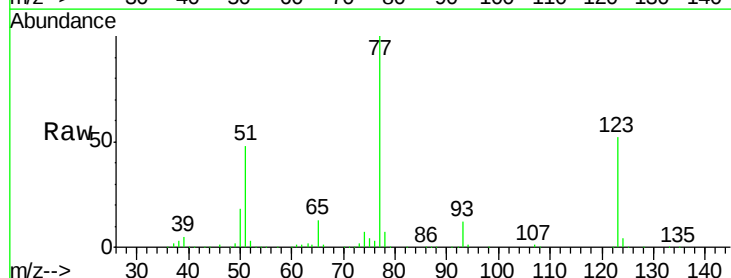
Manual Integrations
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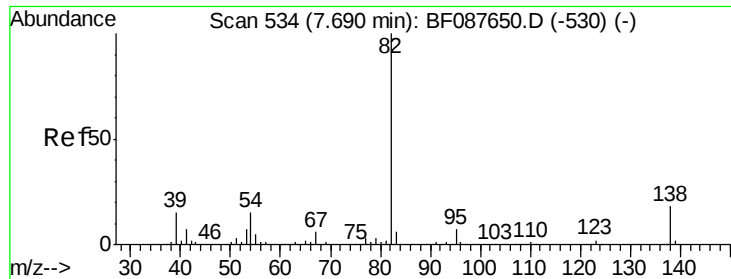
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#24
 Nitrobenzene
 Concen: 38.98 ng
 RT: 7.45 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF087742.D
 Acq: 6 Jun 2016 8:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	335893		
123	52.2	45.0	67.4	
65	13.3	10.2	15.2	





#25

Isophorone

Concen: 33.06 ng

RT: 7.69 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA_F

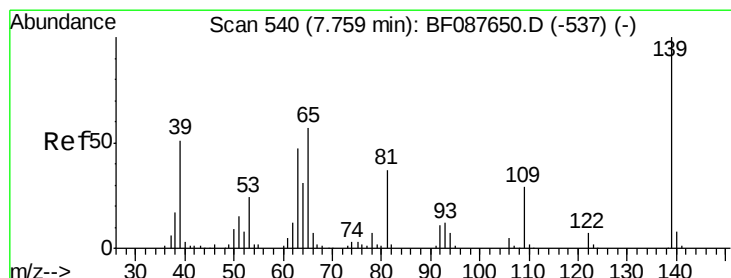
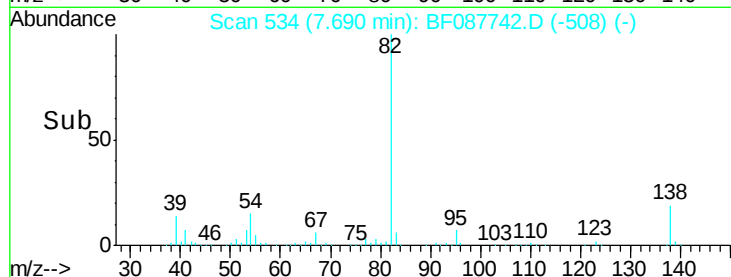
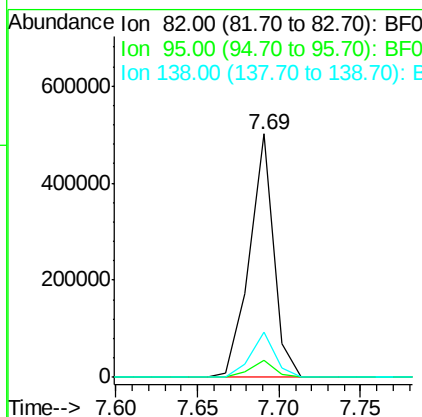
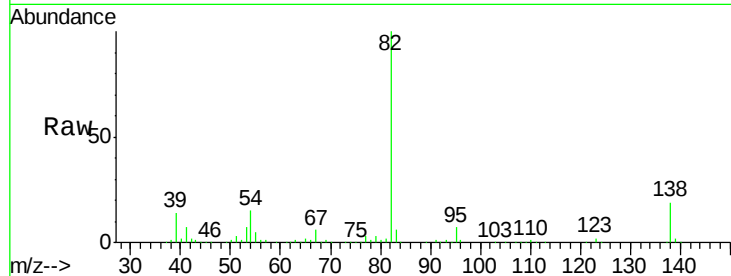
ClientSampleId :

U5-B2(0-10)CMSD

Tot Ion:	82	Resp:	518305
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.4	8.2
138	18.7	14.6	21.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 21.45 ng

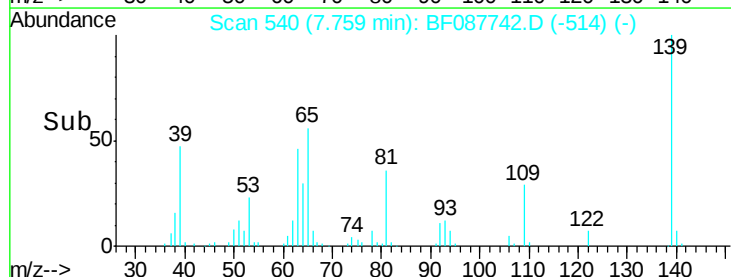
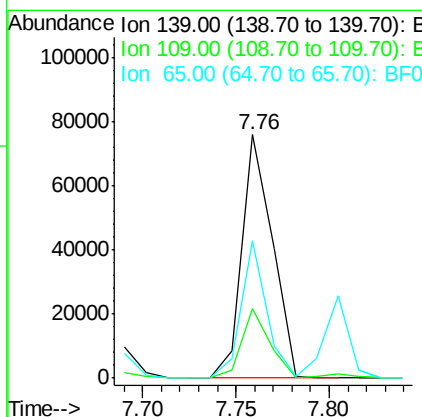
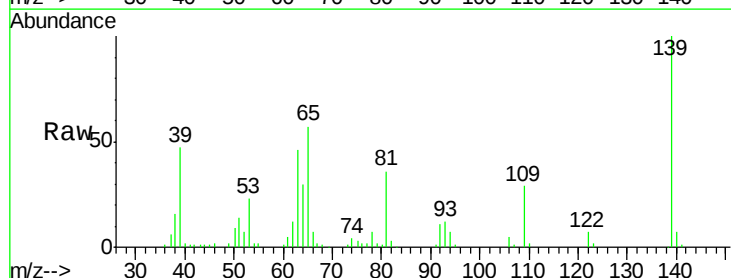
RT: 7.76 min Scan# 540

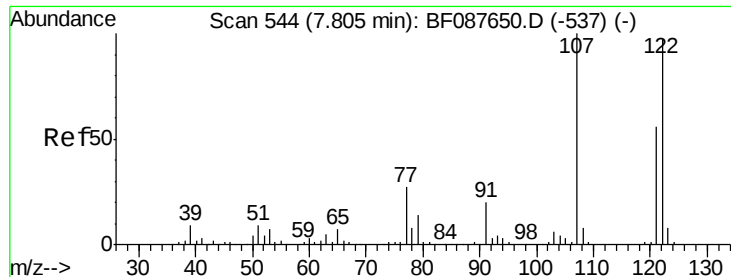
Delta R.T. -0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Tgt Ion:	139	Resp:	85899
Ion Ratio		Lower	Upper
139	100		
109	28.7	23.0	34.4
65	56.5	45.8	68.8





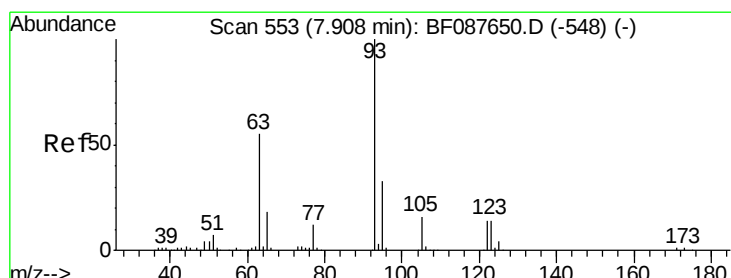
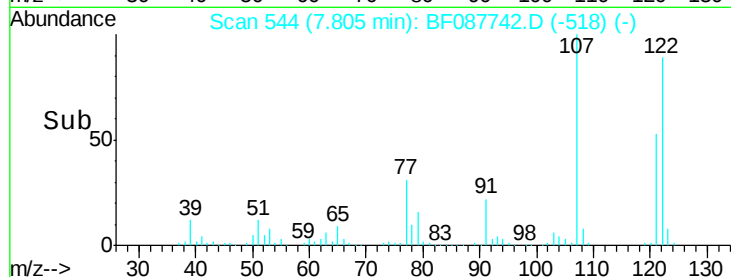
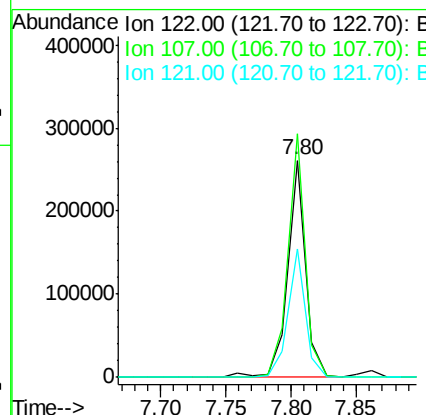
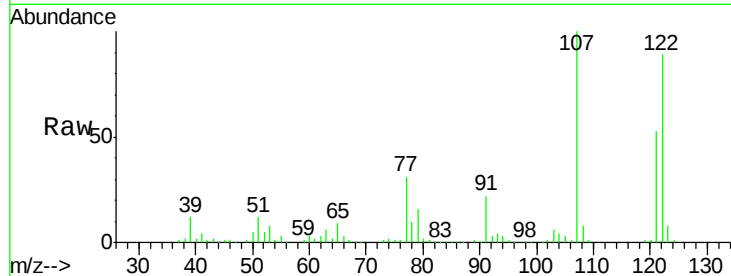
#27
 2,4-Dimethylphenol
 Concen: 30.57 ng
 RT: 7.80 min Scan# 544
 Delta R.T. -0.00 min
 Lab File: BF087742.D
 Acq: 6 Jun 2016 8:19

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	253671		
107	112.2	82.4	123.6	
121	58.9	46.3	69.5	

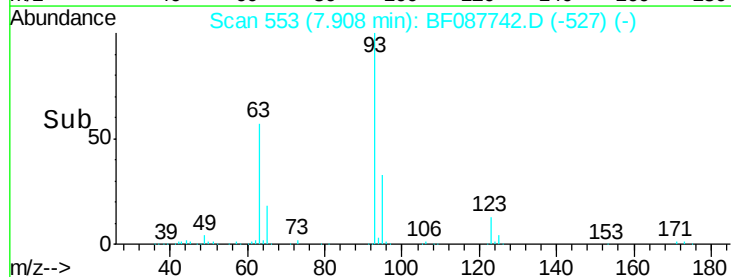
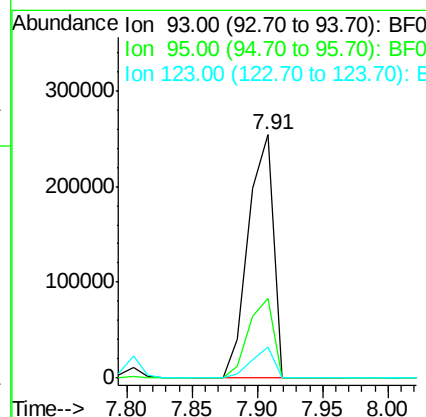
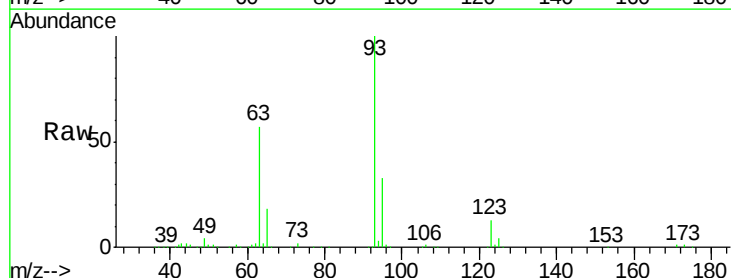
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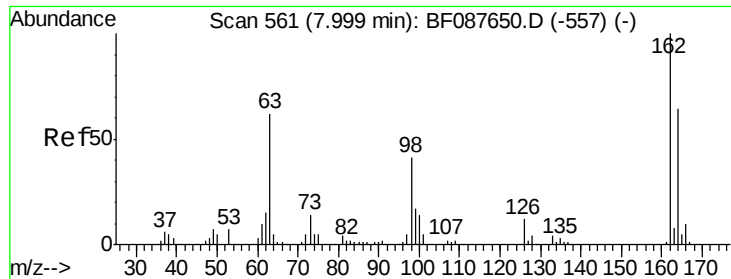
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#28
 bis(2-Chloroethoxy)methane
 Concen: 34.10 ng
 RT: 7.91 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: BF087742.D
 Acq: 6 Jun 2016 8:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	339090		
95	32.9	26.5	39.7	
123	12.8	11.6	17.4	





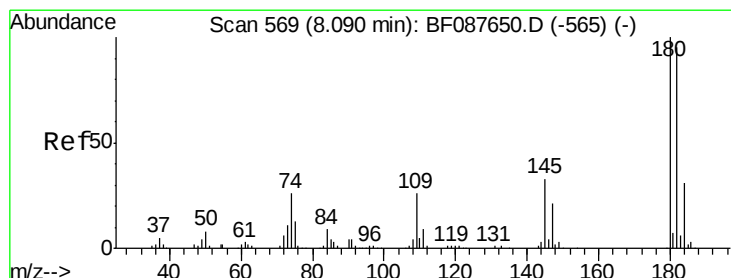
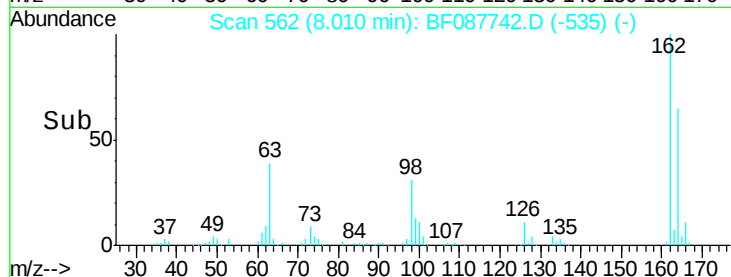
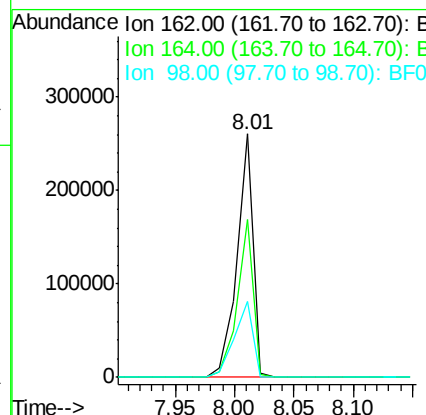
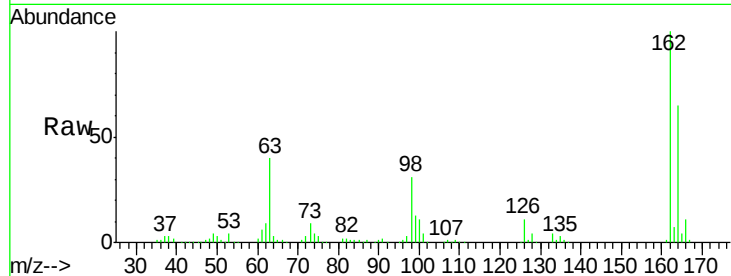
#29
 2,4-Dichlorophenol
 Concen: 36.19 ng
 RT: 8.01 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF087742.D
 Acq: 6 Jun 2016 8:19

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

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.8	43.8	83.8
98	31.4	21.3	61.3

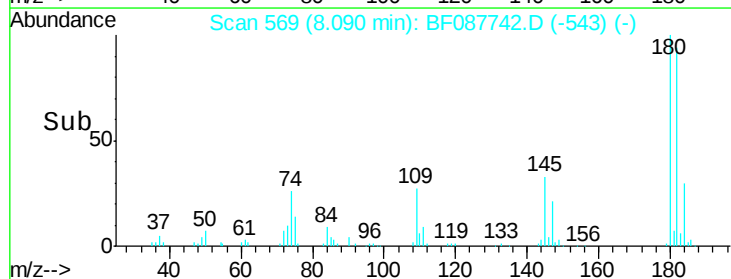
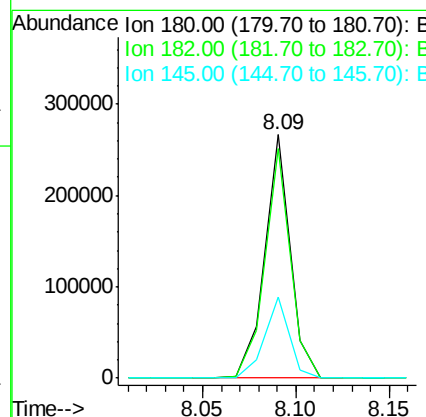
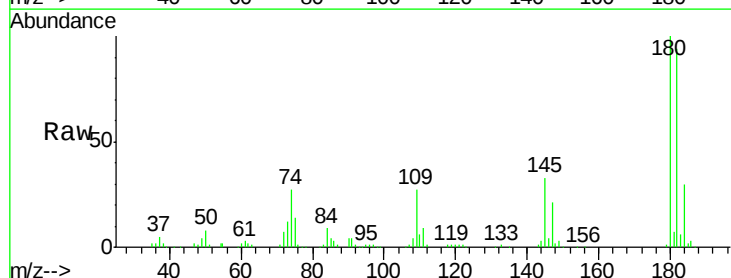
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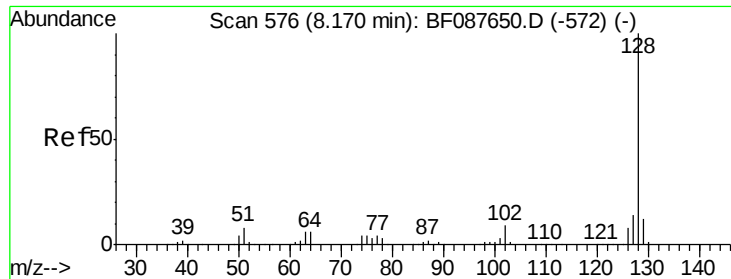
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.21 ng
 RT: 8.09 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF087742.D
 Acq: 6 Jun 2016 8:19

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.1	76.0	114.0
145	33.4	26.5	39.7





#31

Naphthalene

Concen: 33.69 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF087742.D

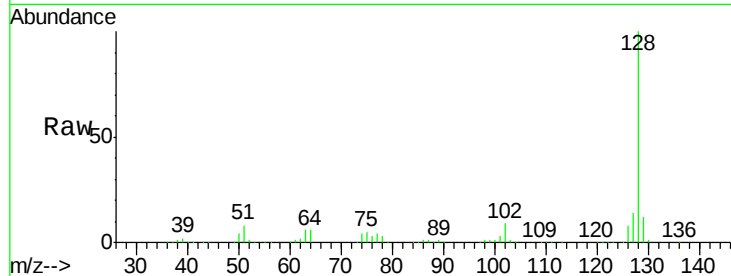
Acq: 6 Jun 2016 8:19

Instrument :

BNA_F

ClientSampleId :

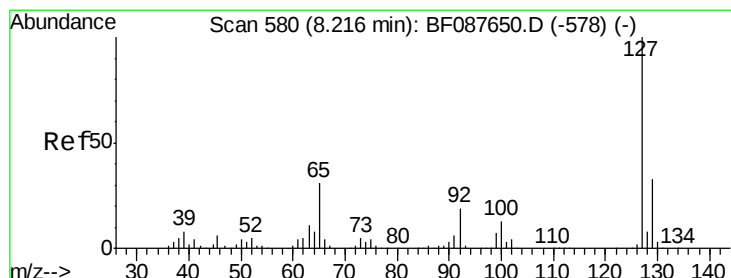
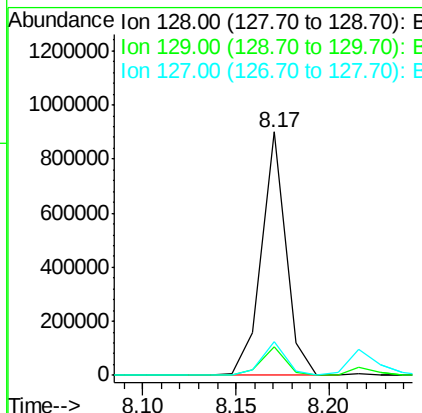
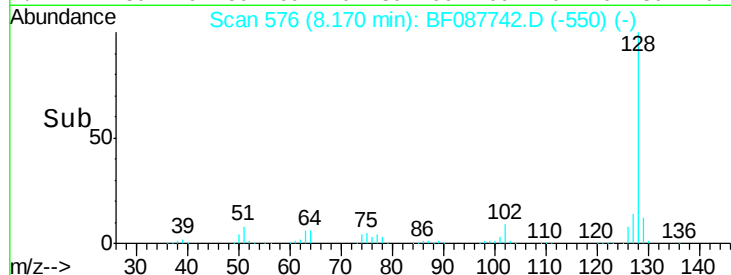
U5-B2(0-10)CMSD



Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	13.6	10.9	16.3

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#33

4-Chloroaniline

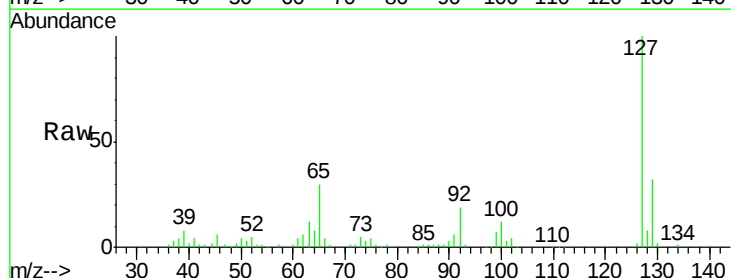
Concen: 10.59 ng

RT: 8.22 min Scan# 580

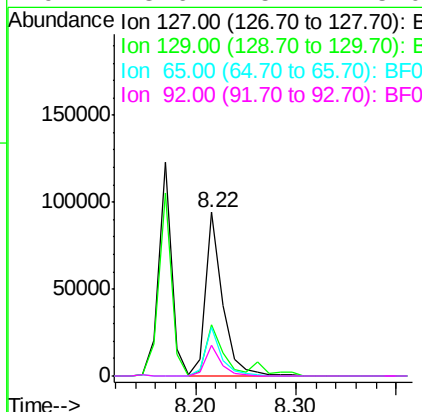
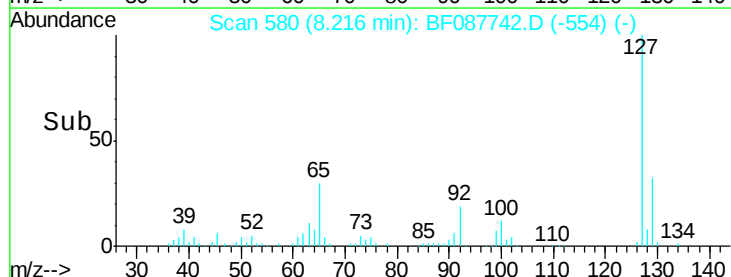
Delta R.T. 0.00 min

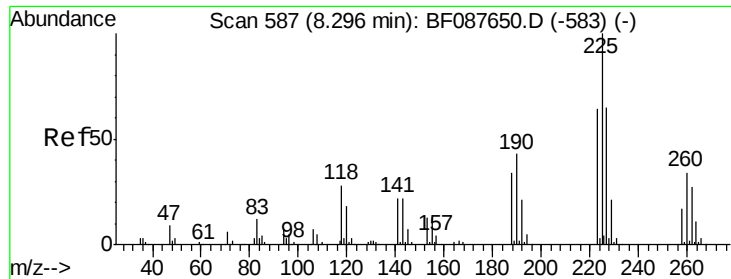
Lab File: BF087742.D

Acq: 6 Jun 2016 8:19



Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.3	39.5
65	29.9	24.7	37.1
92	18.6	15.4	23.0





#34

Hexachlorobutadiene

Concen: 36.78 ng

RT: 8.30 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA_F

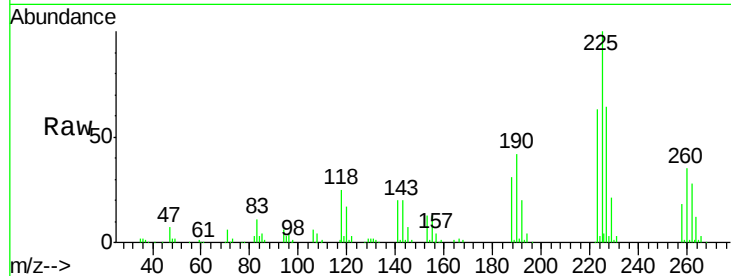
ClientSampleId :

U5-B2(0-10)CMSD

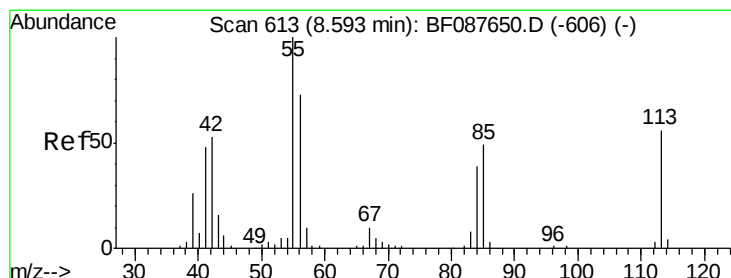
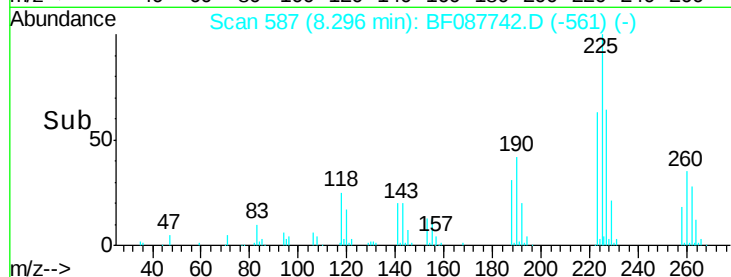
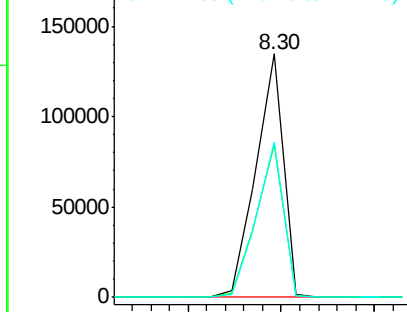
Tot Ion:	225	Resp:	136495
Ion Ratio		Lower	Upper
225	100		
223	63.0	50.9	76.3
227	63.9	51.9	77.9

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Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 35.53 ng

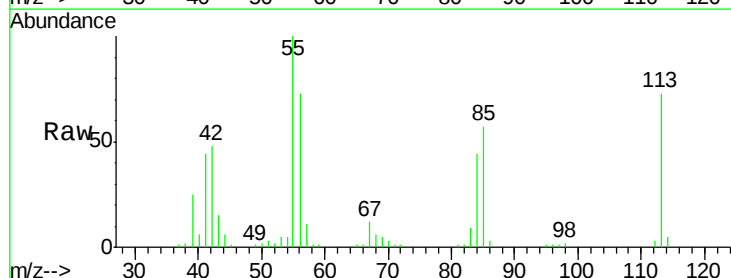
RT: 8.59 min Scan# 613

Delta R.T. -0.00 min

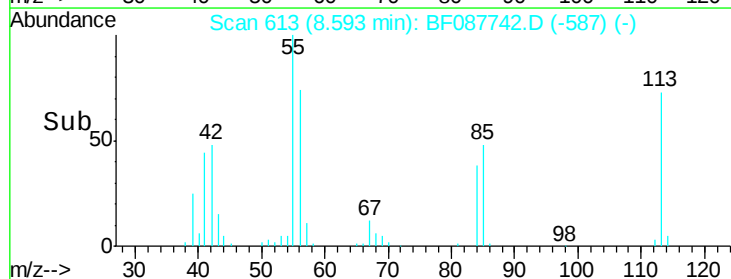
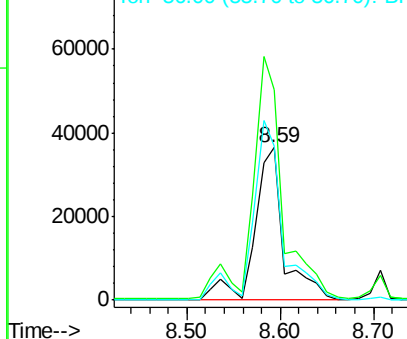
Lab File: BF087742.D

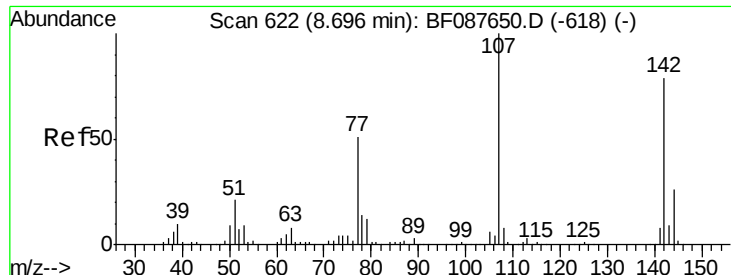
Acq: 6 Jun 2016 8:19

Tgt Ion:	113	Resp:	79546
Ion Ratio		Lower	Upper
113	100		
55	137.8	158.6	198.6#
56	100.9	110.6	150.6#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 32.97 ng

RT: 8.71 min Scan# 623

Delta R.T. 0.01 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA_F

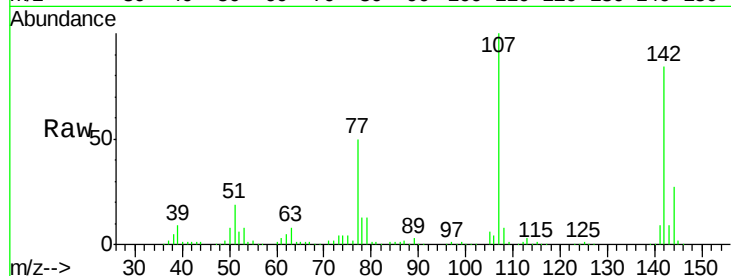
ClientSampleId :

U5-B2(0-10)CMSD

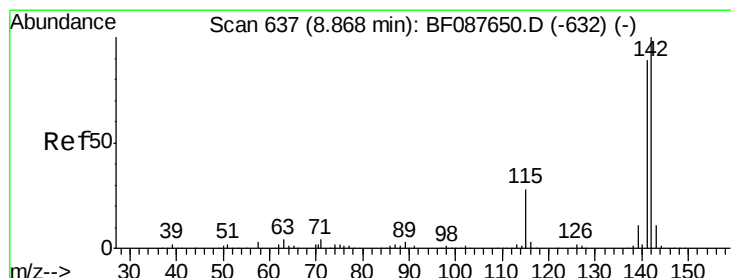
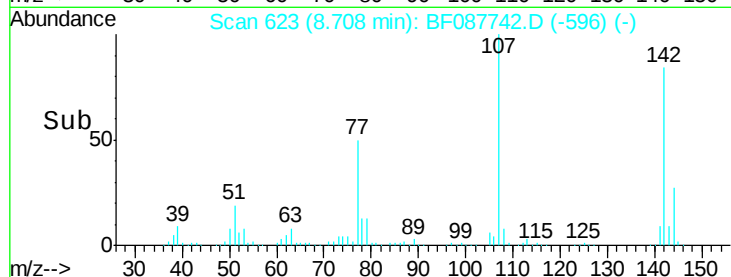
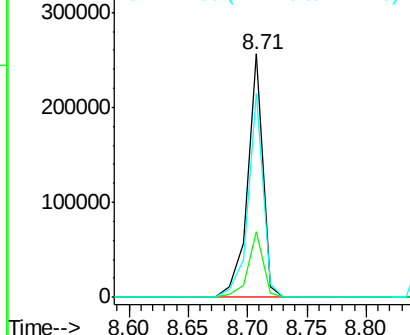
Tot Ion:	107	Resp:	232420
Ion Ratio	Lower	Upper	
107	100		
144	26.8	20.8	31.2
142	83.8	63.4	95.2

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 34.24 ng

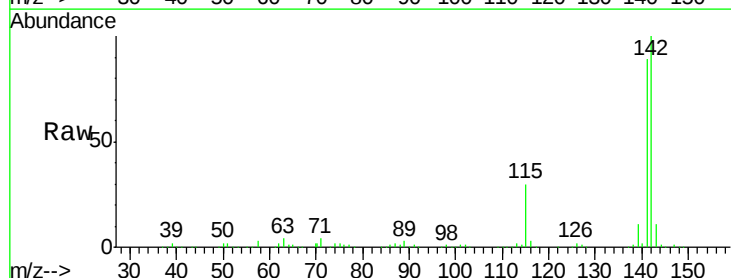
RT: 8.87 min Scan# 637

Delta R.T. -0.00 min

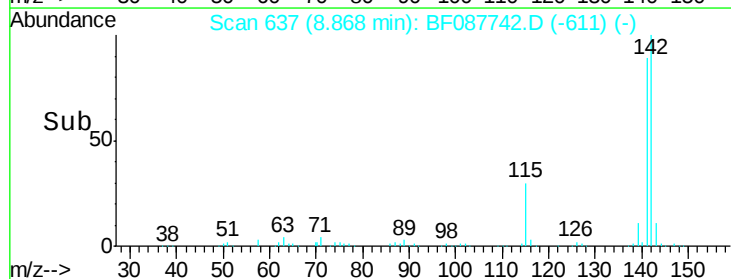
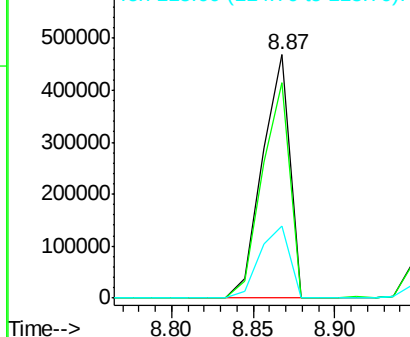
Lab File: BF087742.D

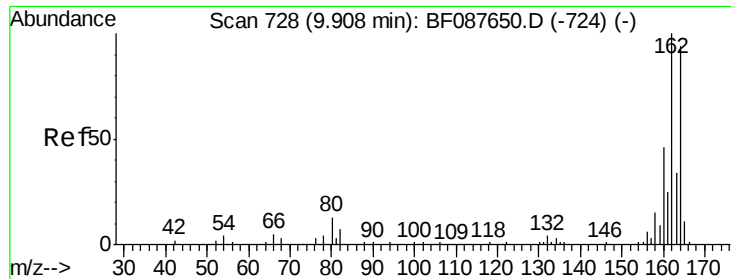
Acq: 6 Jun 2016 8:19

Tgt Ion:	142	Resp:	547627
Ion Ratio	Lower	Upper	
142	100		
141	88.6	71.0	106.6
115	29.6	22.6	33.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF087742.D

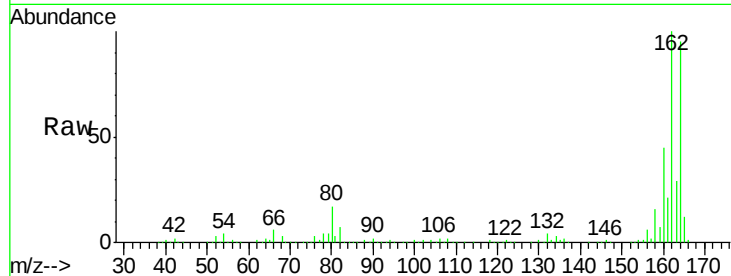
Acq: 6 Jun 2016 8:19

Instrument :

BNA_F

ClientSampleId :

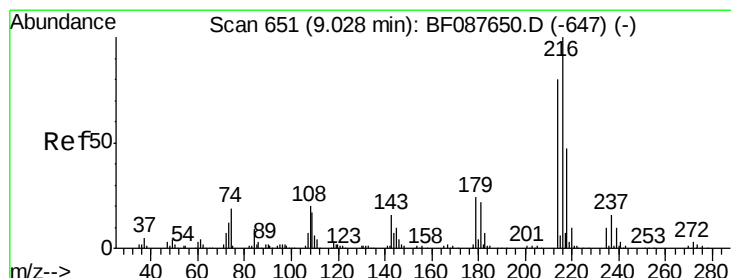
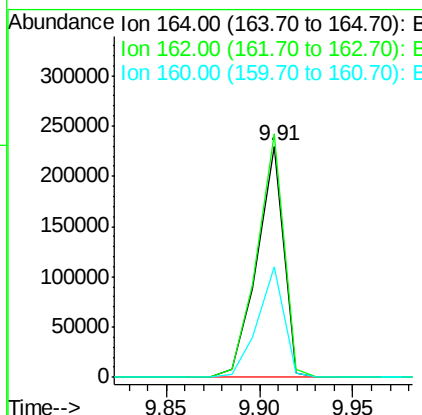
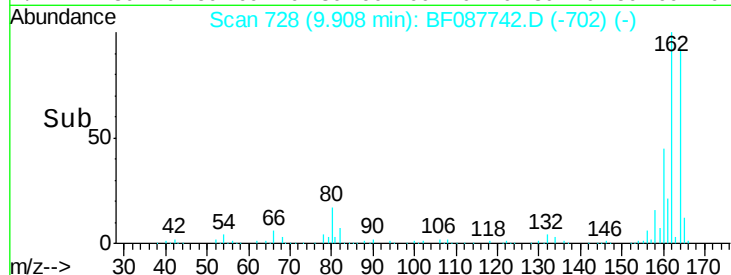
U5-B2(0-10)CMSD



Tot Ion	164	Resp	226829
Ion Ratio	Lower	Upper	
164	100		
162	105.4	85.4	128.2
160	47.6	39.5	59.3

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.80 ng

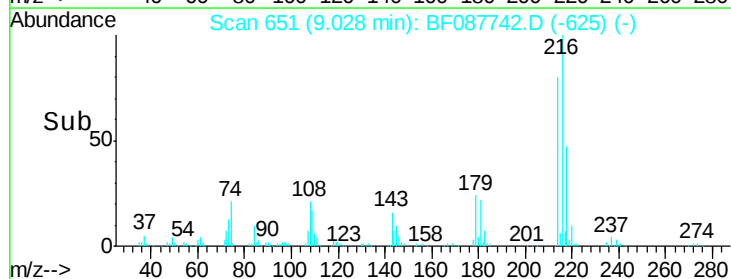
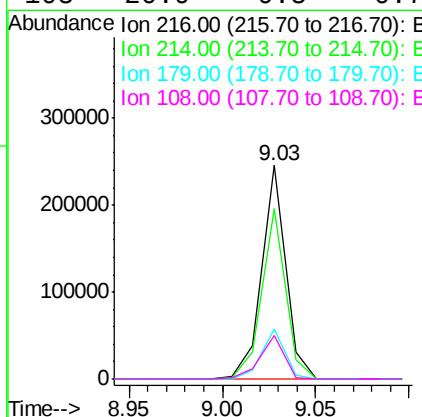
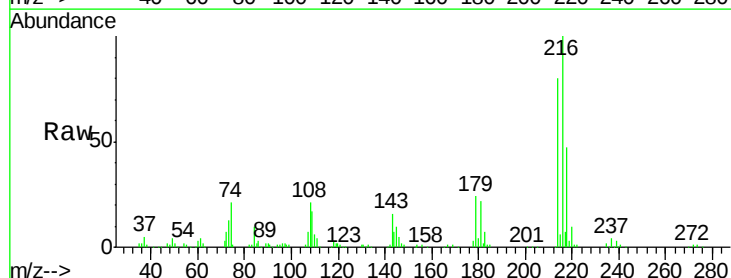
RT: 9.03 min Scan# 651

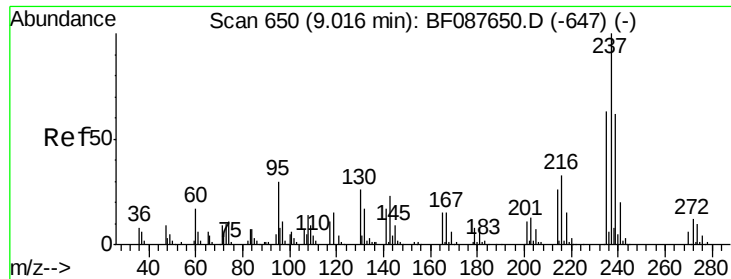
Delta R.T. 0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Tgt Ion	216	Resp	217528
Ion Ratio	Lower	Upper	
216	100		
214	79.1	2.9	4.3#
179	22.9	0.0	0.0#
108	20.9	0.5	0.7#





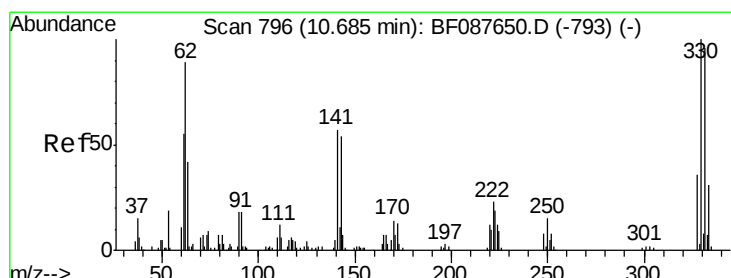
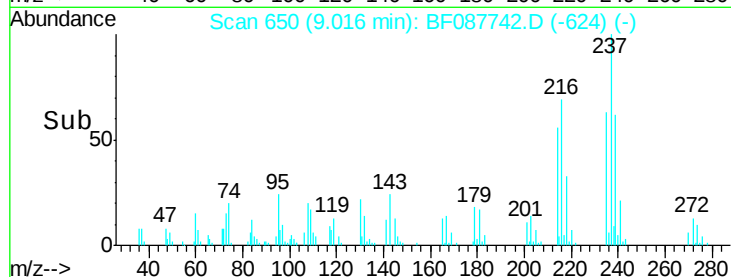
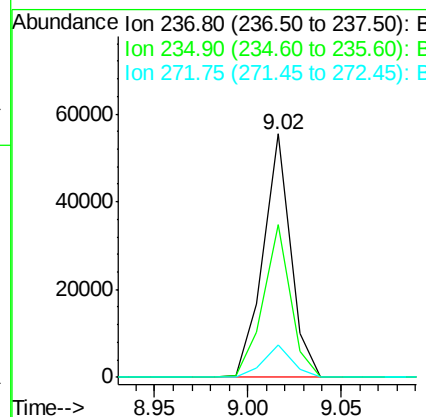
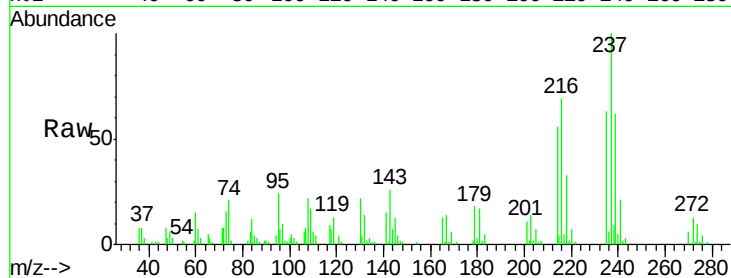
#40
Hexachlorocyclopentadiene
Concen: 15.38 ng
RT: 9.02 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

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

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.0	43.4	83.4
272	13.2	0.0	32.3

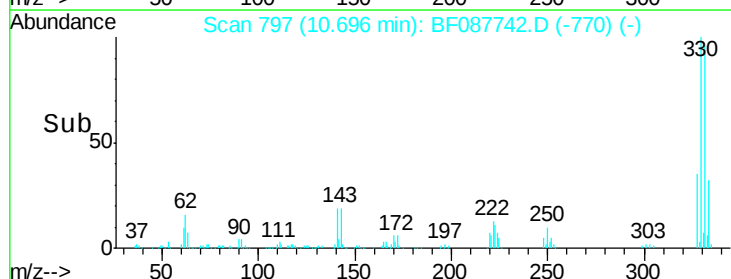
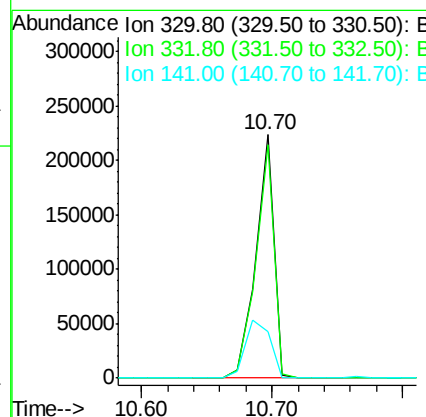
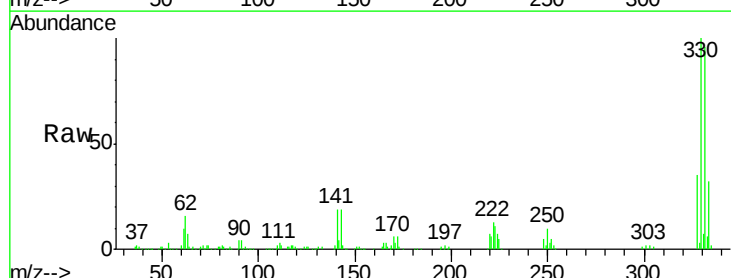
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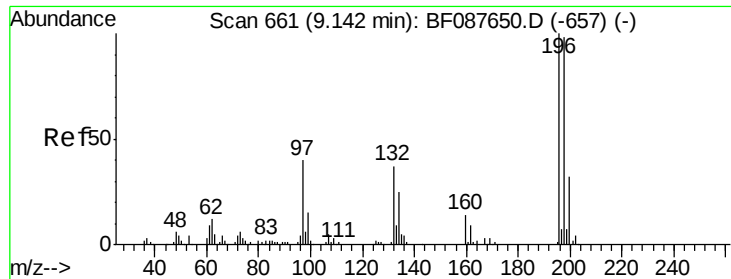
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#41
2,4,6-Tribromophenol
Concen: 95.62 ng
RT: 10.70 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	32.5	0.0	0.0#





#42

2,4,6-Trichlorophenol

Concen: 31.51 ng

RT: 9.14 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA_F

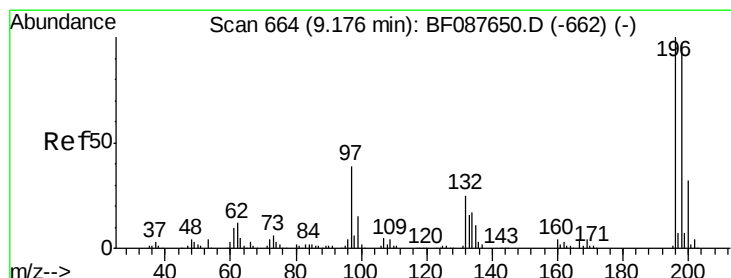
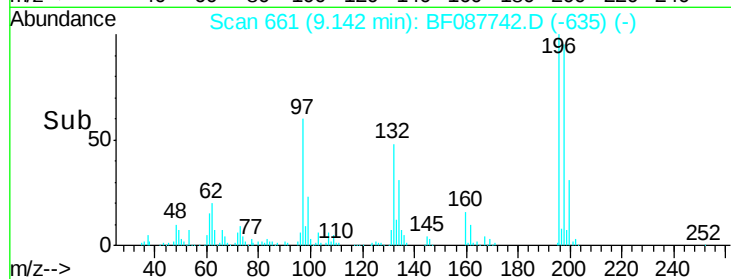
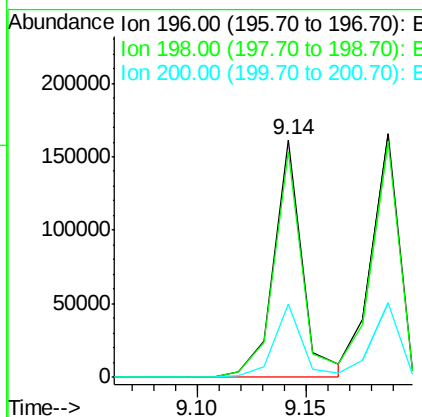
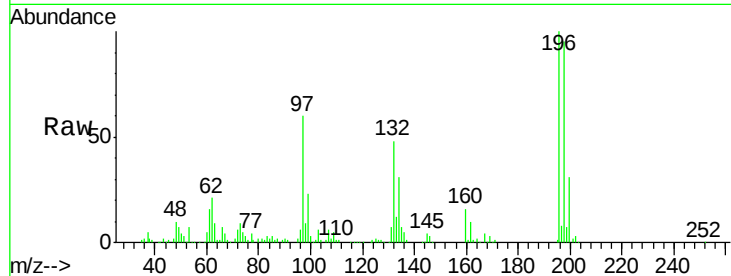
ClientSampleId :

U5-B2(0-10)CMSD

Tot Ion:	196	Resp:	148759
Ion Ratio	Lower	Upper	
196	100		
198	95.1	78.0	117.0
200	30.7	25.4	38.2

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#43

2,4,5-Trichlorophenol

Concen: 32.88 ng

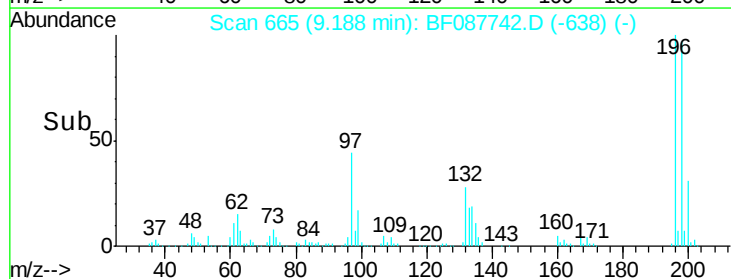
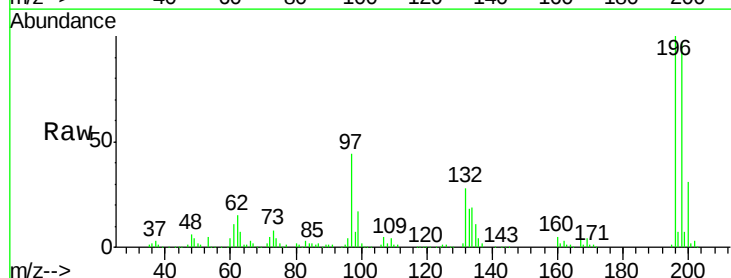
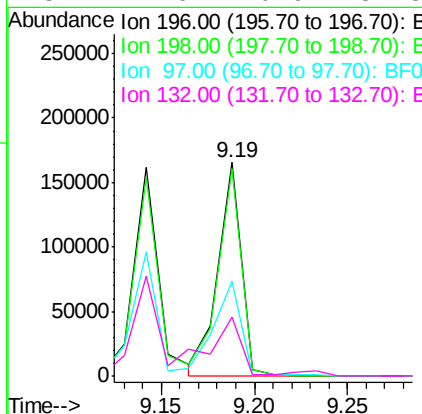
RT: 9.19 min Scan# 665

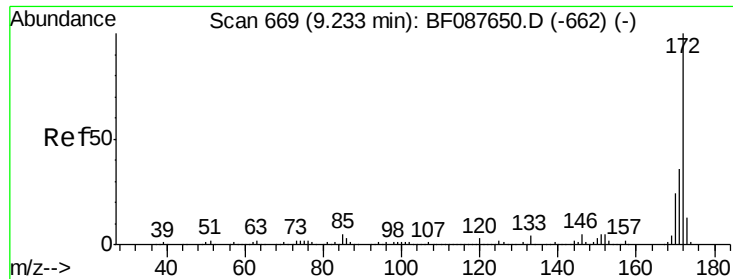
Delta R.T. 0.01 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Tgt Ion:	196	Resp:	144476
Ion Ratio	Lower	Upper	
196	100		
198	97.0	77.5	116.3
97	44.4	32.0	48.0
132	27.6	20.9	31.3





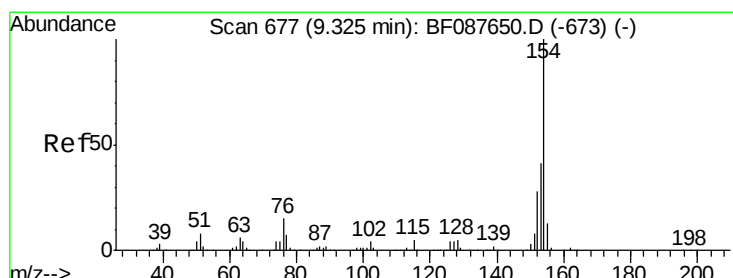
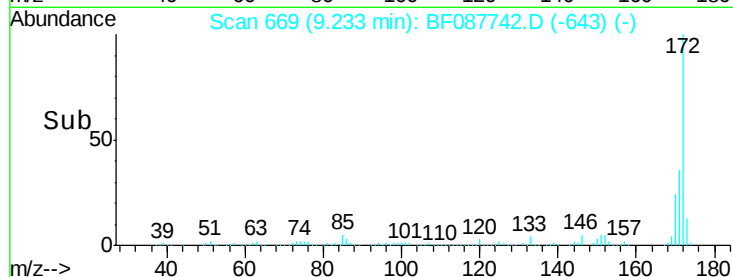
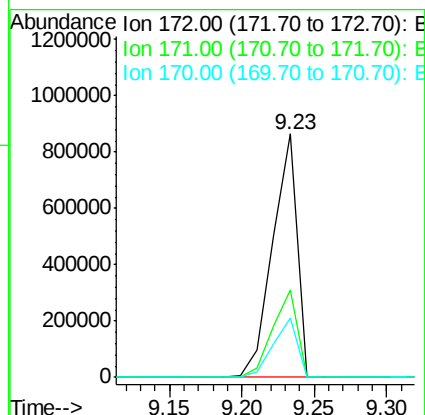
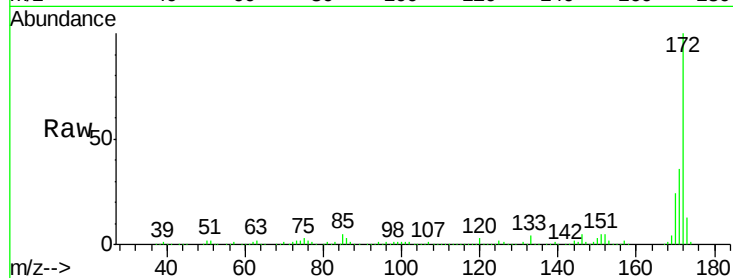
#44
2-Fluorobiphenyl
Concen: 63.24 ng
RT: 9.23 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.2	19.2	28.8

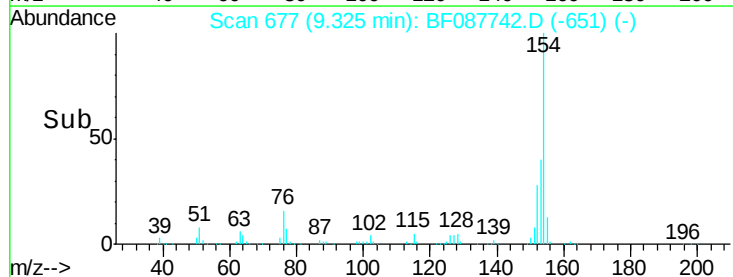
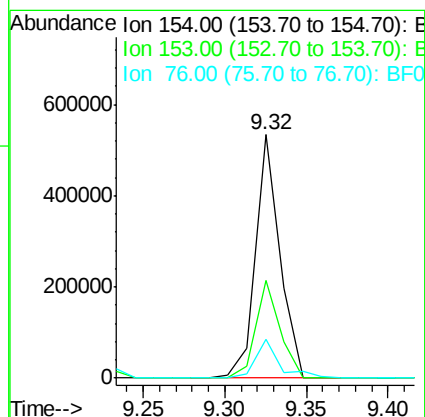
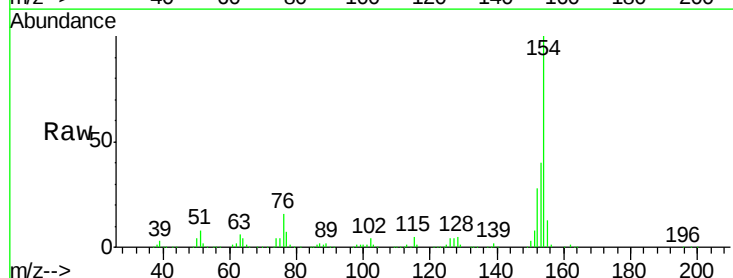
Manual Integrations
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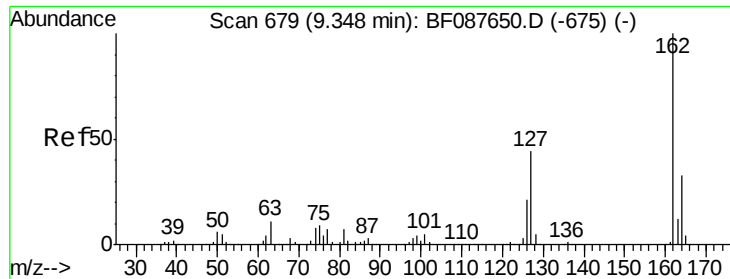
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#45
1,1'-Biphenyl
Concen: 29.86 ng
RT: 9.32 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.6	60.6
76	15.7	0.0	35.1





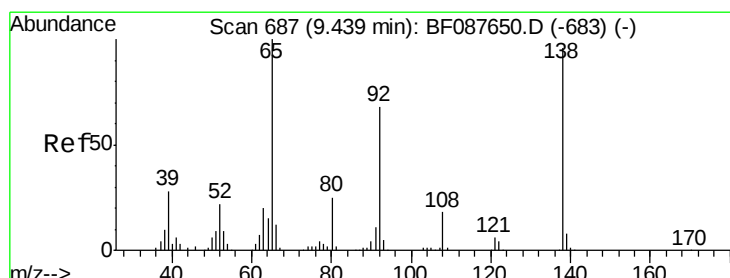
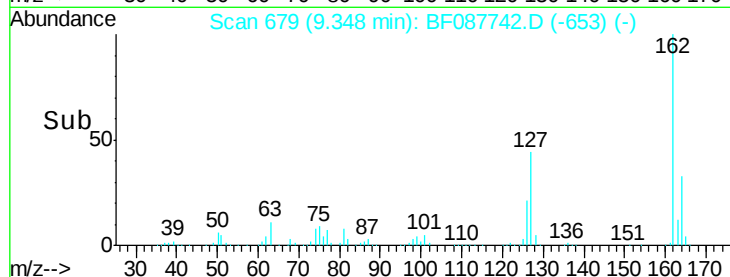
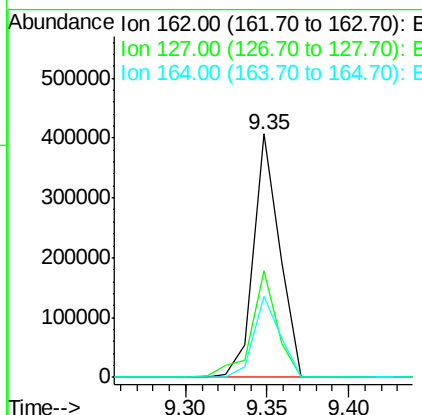
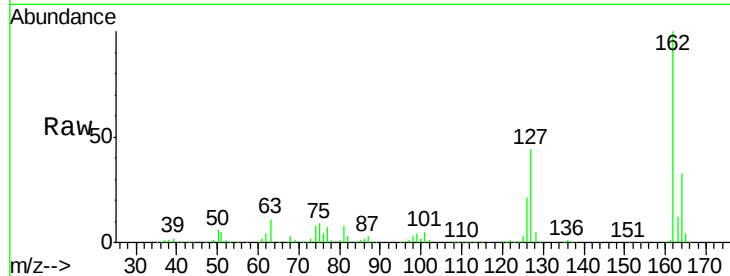
#46
2-Chloronaphthalene
Concen: 30.82 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	451572		
127	44.1	35.2	52.8	
164	33.0	26.6	39.8	

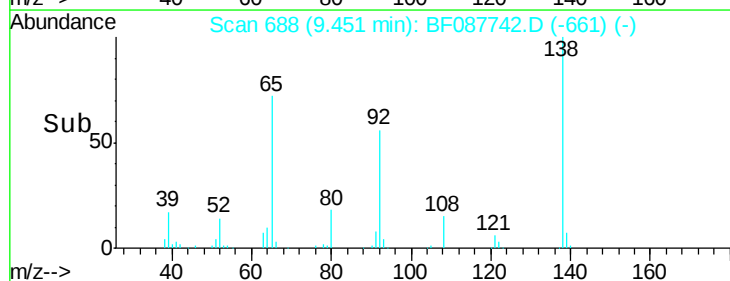
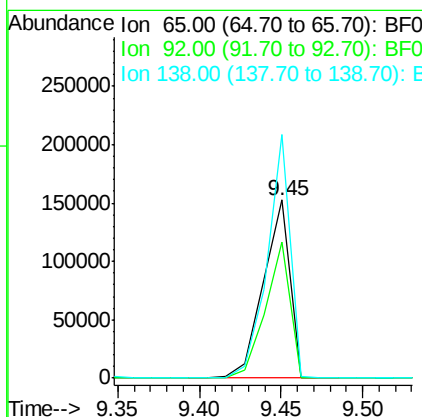
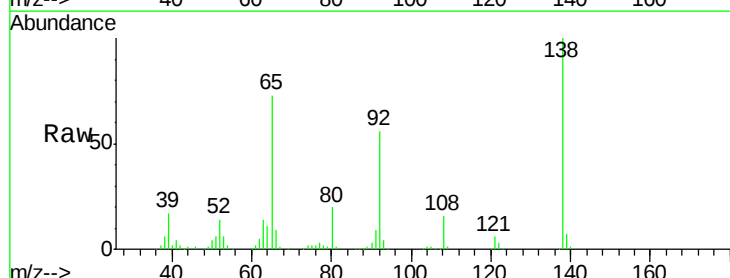
Manual Integrations
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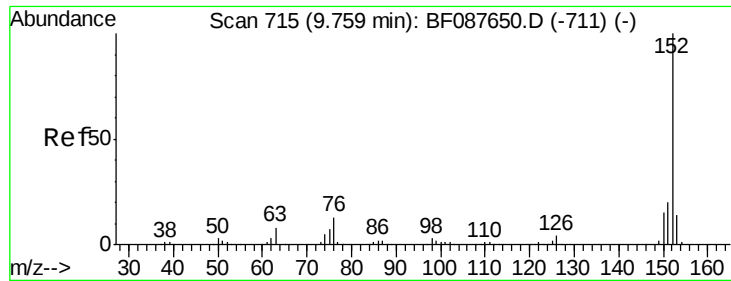
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#47
2-Nitroaniline
Concen: 41.90 ng
RT: 9.45 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	172884		
92	76.8	54.6	82.0	
138	137.0	77.0	115.4	





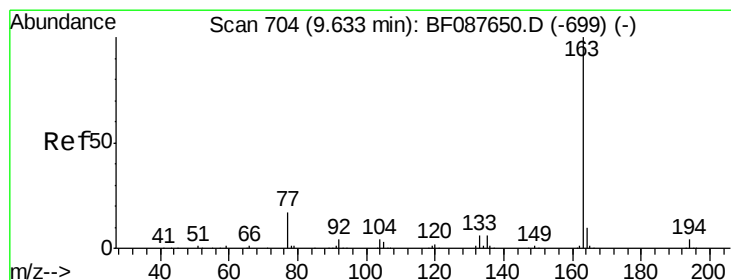
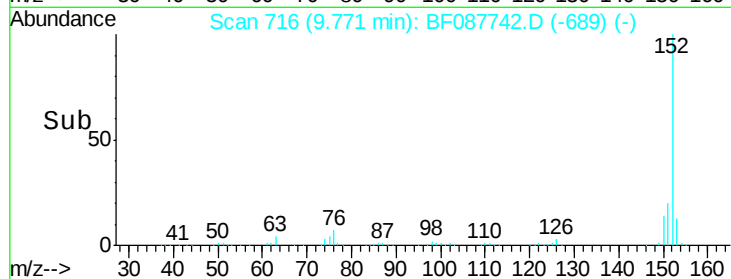
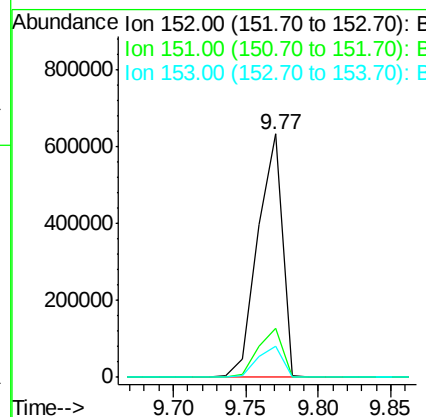
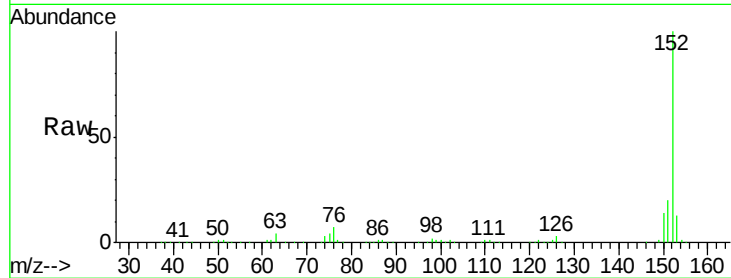
#48
Acenaphthylene
Concen: 32.60 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.01 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

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

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	13.0	11.0	16.6

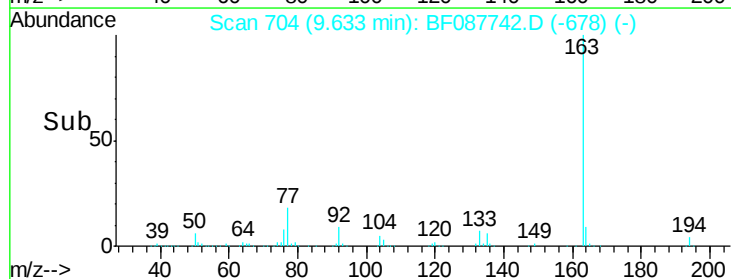
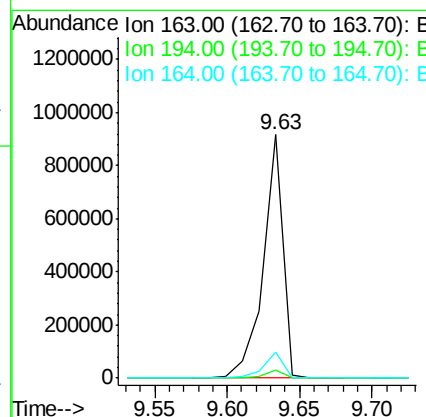
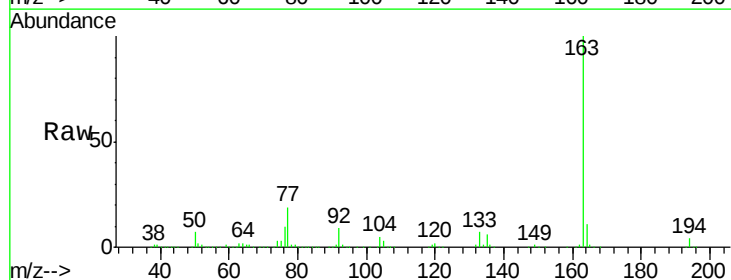
Manual Integrations
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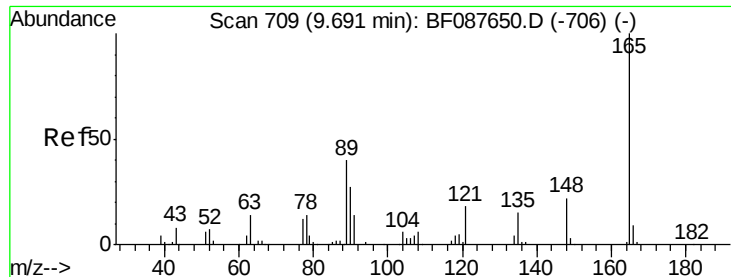
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#49
Dimethylphthalate
Concen: 52.16 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	10.5	8.3	12.5





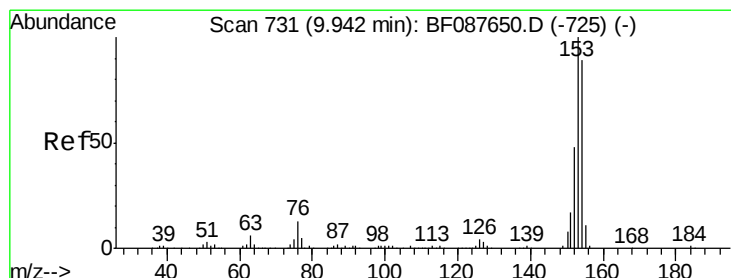
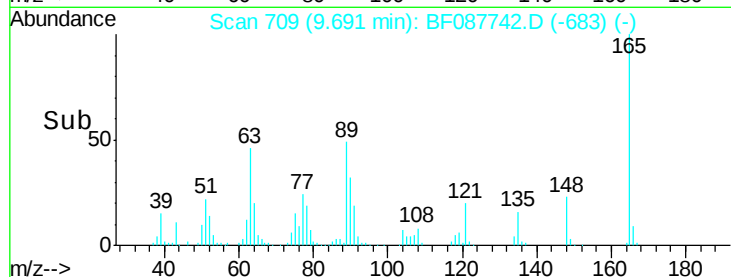
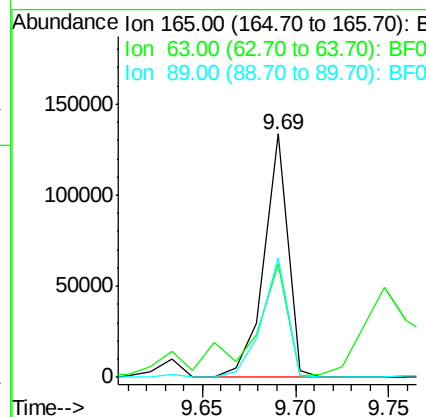
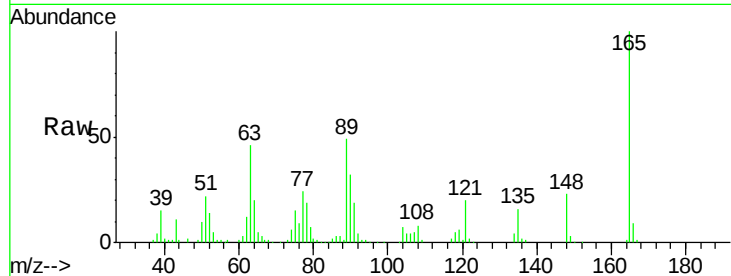
#50
2,6-Dinitrotoluene
Concen: 31.62 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

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

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	46.3	28.1	42.1#
89	48.8	32.2	48.2#

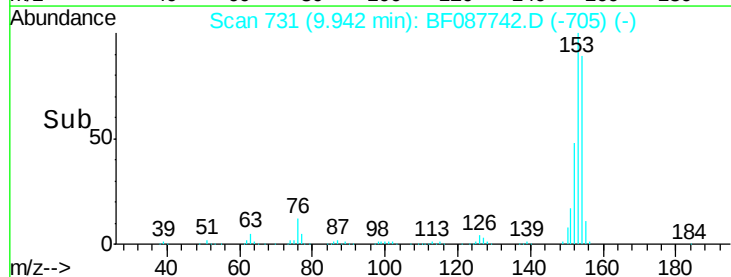
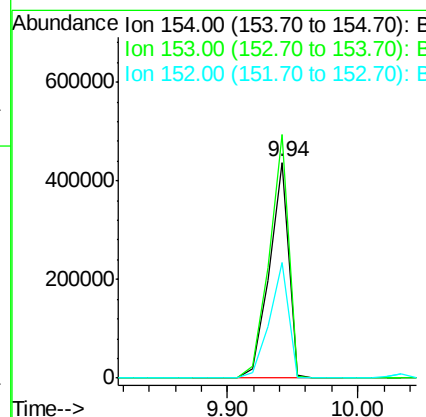
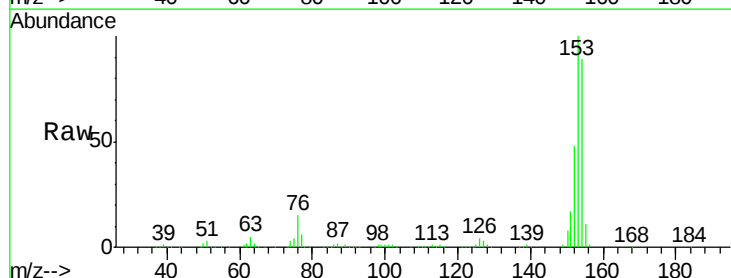
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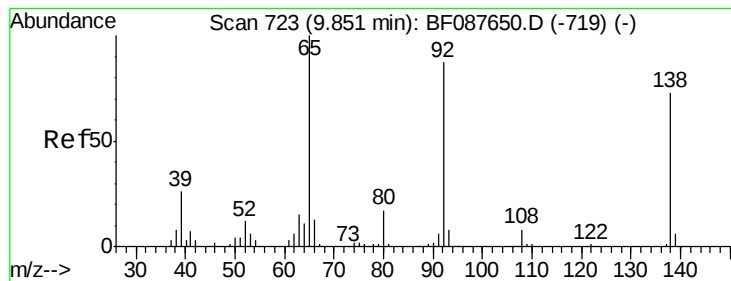
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#51
Acenaphthene
Concen: 30.96 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.0	89.5	134.3
152	53.9	42.7	64.1





#52

3-Nitroaniline

Concen: 33.13 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF087742.D

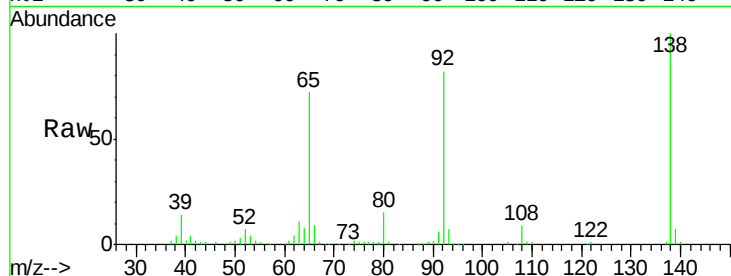
Acq: 6 Jun 2016 8:19

Instrument :

BNA_F

ClientSampleId :

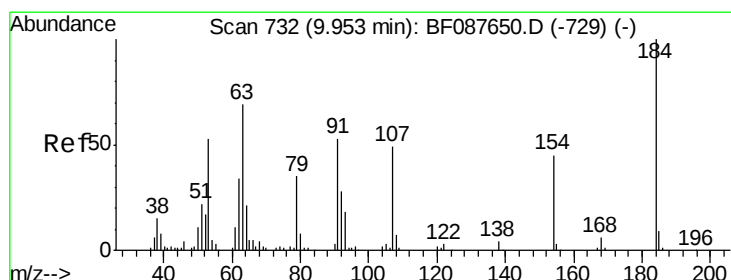
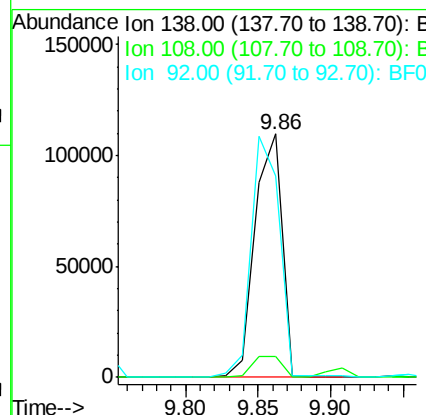
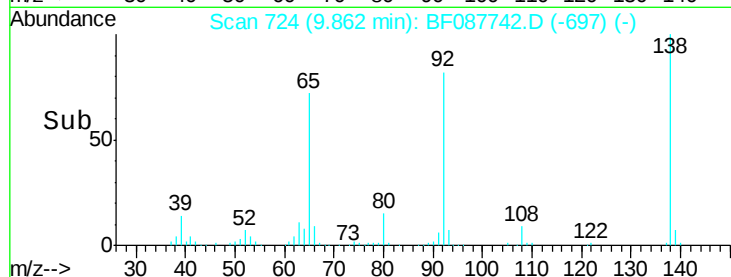
U5-B2(0-10)CMSD



Tot Ion	Ratio	Lower	Upper
138	100		
108	8.6	8.5	12.7
92	82.5	95.7	143.5#

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#53

2,4-Dinitrophenol

Concen: 6.51 ng

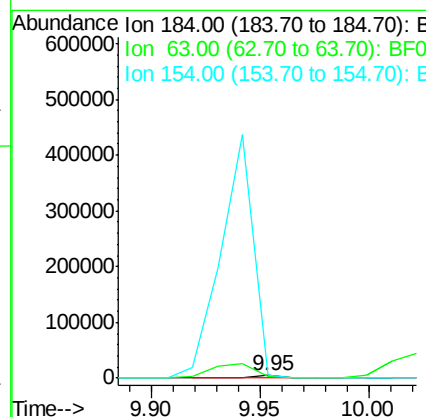
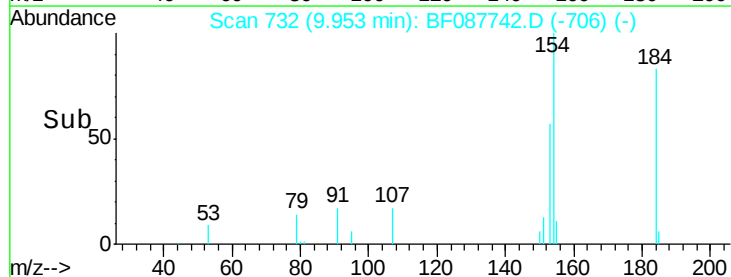
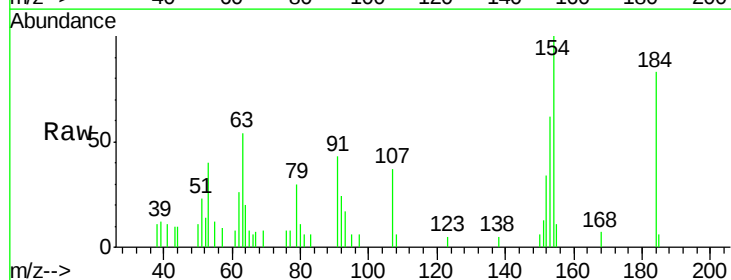
RT: 9.95 min Scan# 732

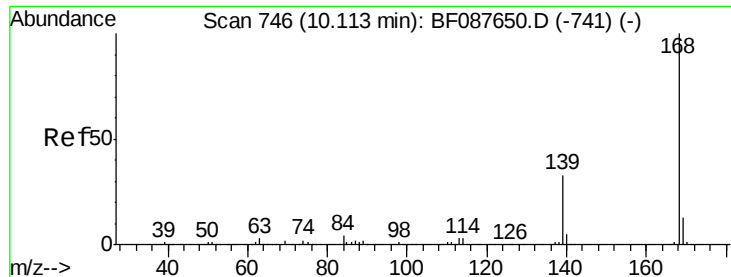
Delta R.T. 0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.2	57.6	86.4
154	120.0	53.5	80.3#





#54

Dibenzenofuran

Concen: 35.23 ng

RT: 10.11 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF087742.D

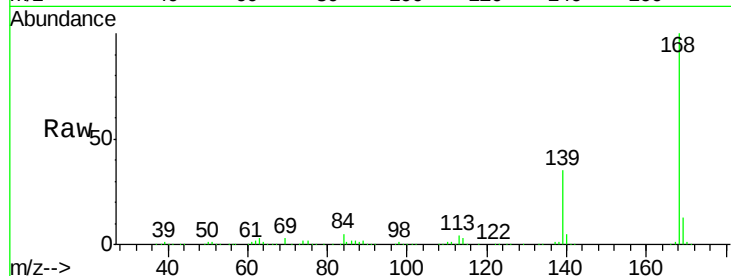
Acq: 6 Jun 2016 8:19

Instrument :

BNA_F

ClientSampleId :

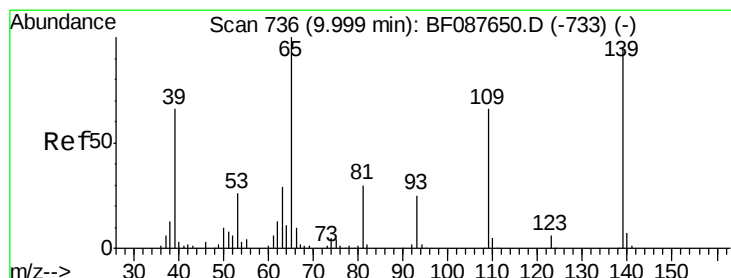
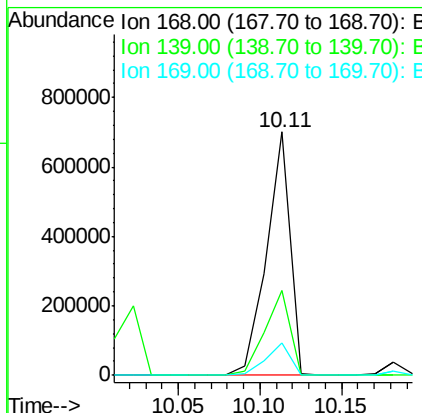
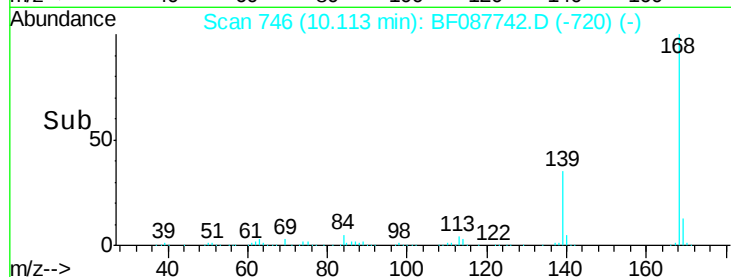
U5-B2(0-10)CMSD



Tot Ion:168	Resp:	705273
Ion Ratio	Lower	Upper
168	100	
139	35.0	26.4 39.6
169	13.4	10.4 15.6

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#55

4-Nitrophenol

Concen: 60.23 ng

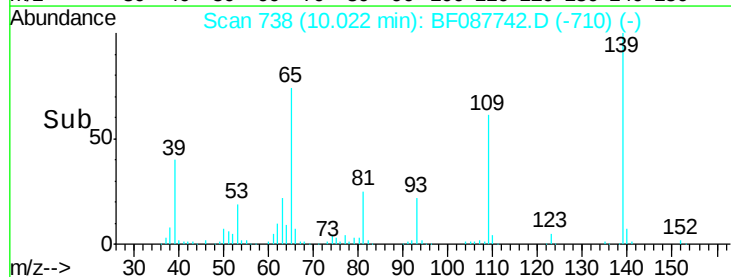
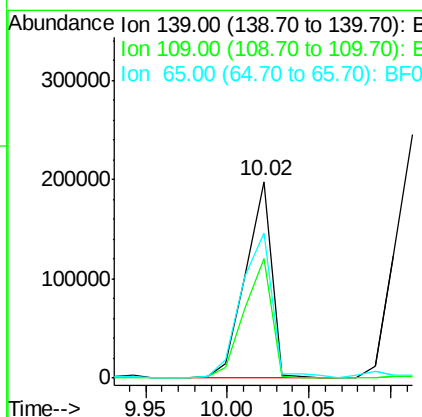
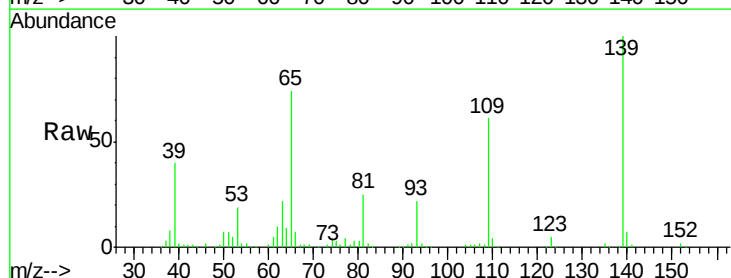
RT: 10.02 min Scan# 738

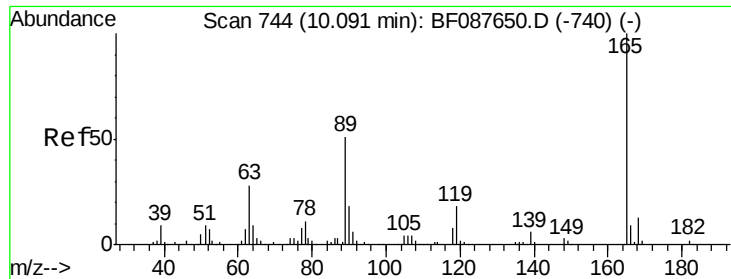
Delta R.T. 0.02 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Tgt Ion:139	Resp:	220921
Ion Ratio	Lower	Upper
139	100	
109	60.8	48.9 88.9
65	73.8	84.9 124.9#





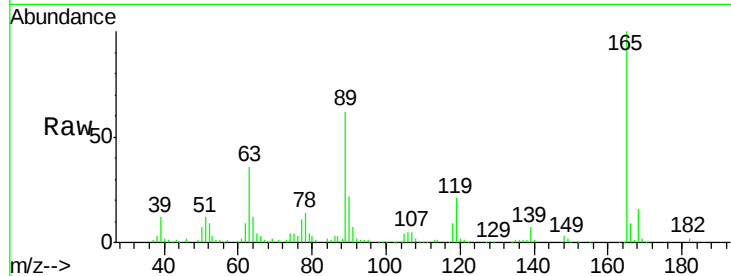
#56
2,4-Dinitrotoluene
Concen: 32.60 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

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

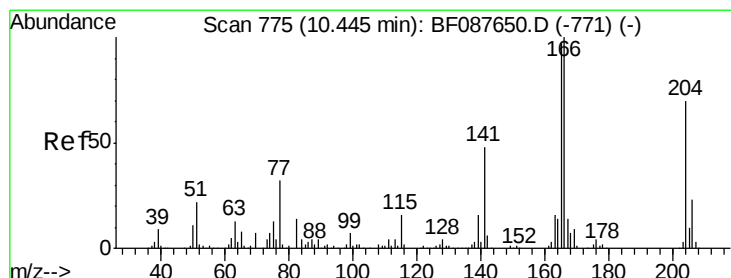
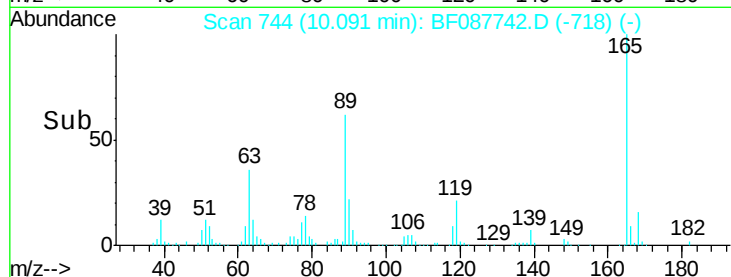
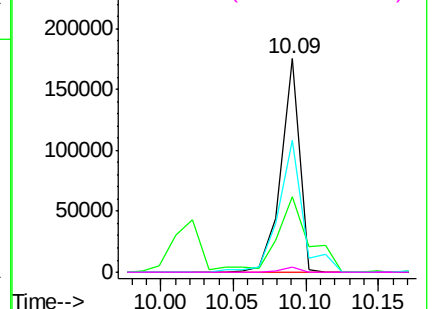
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		155731		
63	35.6	22.0	33.0#		
89	61.6	41.1	61.7		
182	2.3	2.0	3.0		

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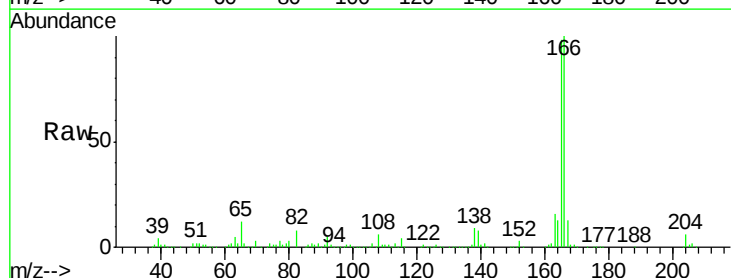


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

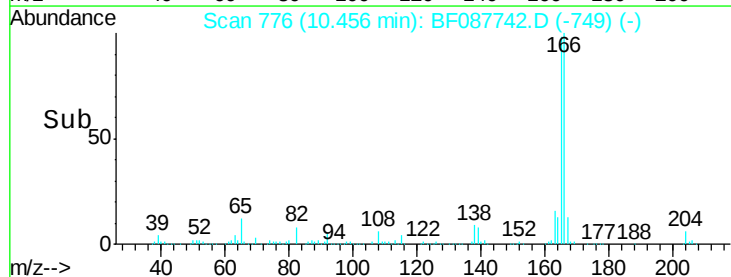
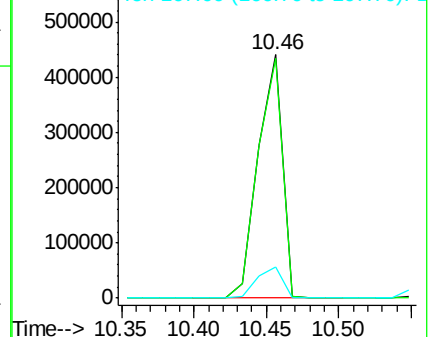


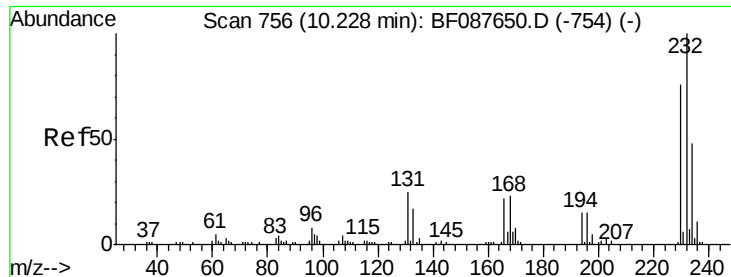
#57
Fluorene
Concen: 32.79 ng
RT: 10.46 min Scan# 776
Delta R.T. 0.01 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		513146		
165	98.4	77.8	116.8		
167	13.0	11.2	16.8		



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





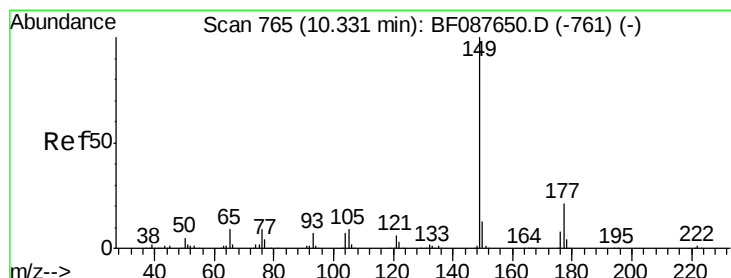
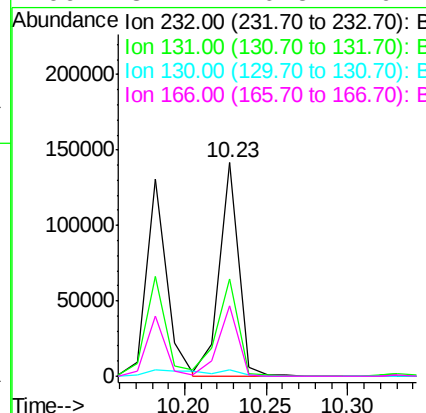
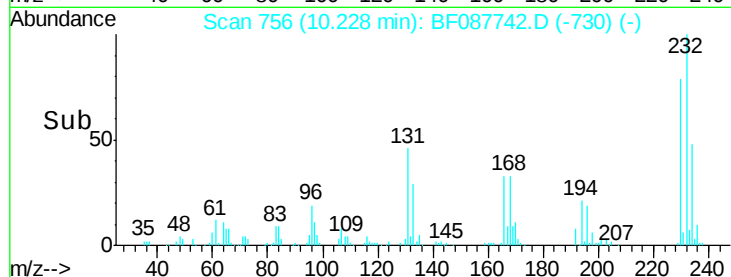
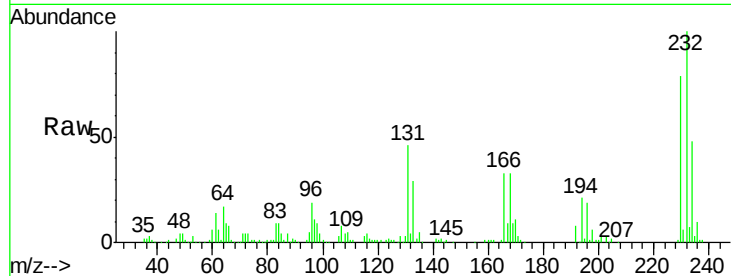
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.77 ng
 RT: 10.23 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF087742.D
 Acq: 6 Jun 2016 8:19

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

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	50.3	0.9	1.3#
130	0.0	1.5	2.3#
166	34.1	0.5	0.7#

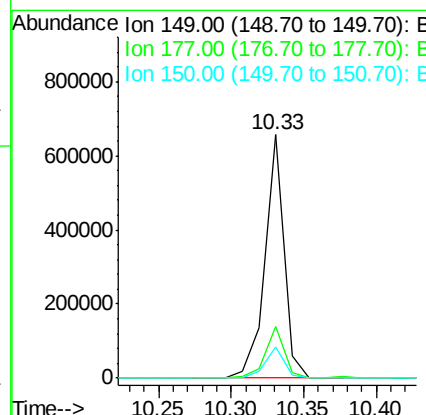
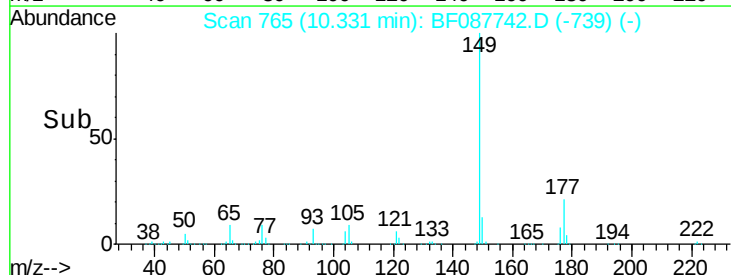
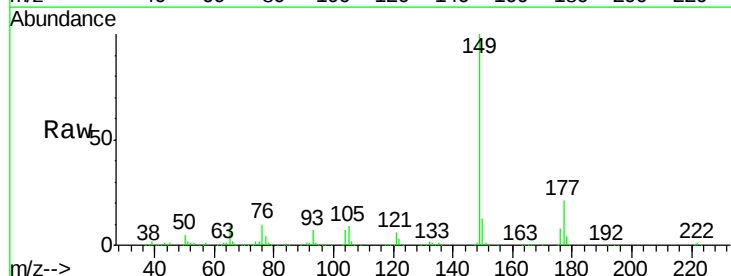
Manual Integrations
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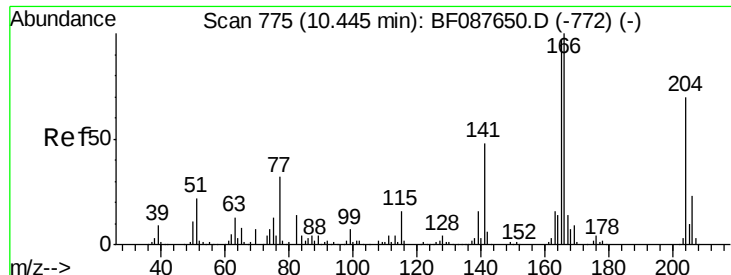
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#59
 Diethylphthalate
 Concen: 36.18 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF087742.D
 Acq: 6 Jun 2016 8:19

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	21.0	16.9	25.3
150	12.8	10.1	15.1





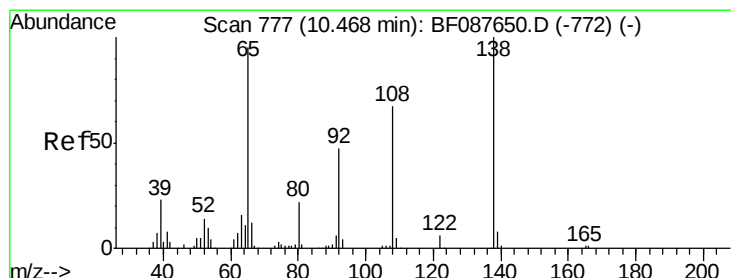
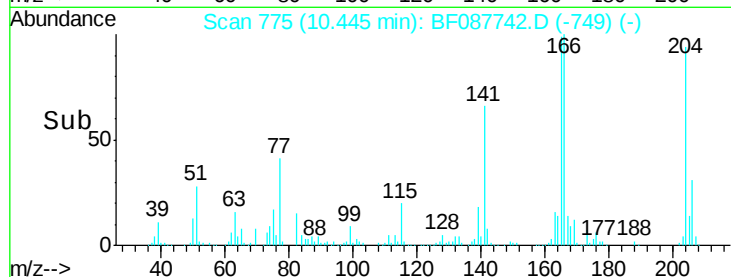
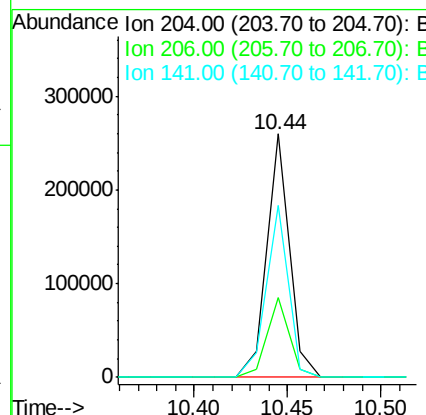
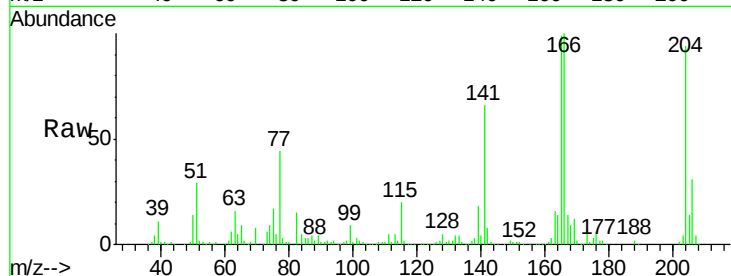
#60
4-Chlorophenyl-phenylether
Concen: 32.16 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

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

Tot Ion	Ratio	Resp	Lower	Upper
204	100	216728		
206	32.7	26.3	39.5	
141	70.5	55.0	82.6	

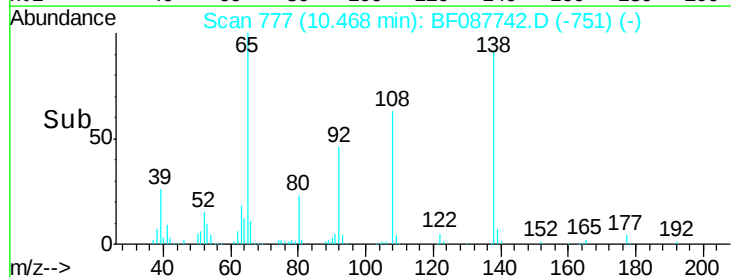
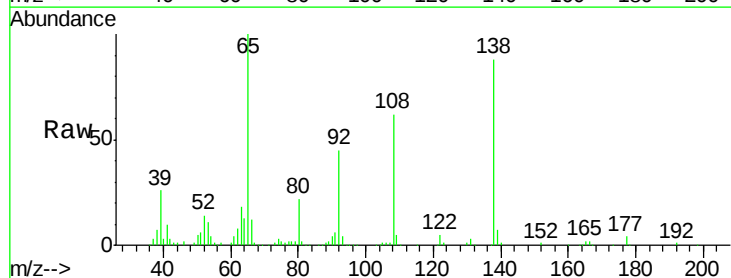
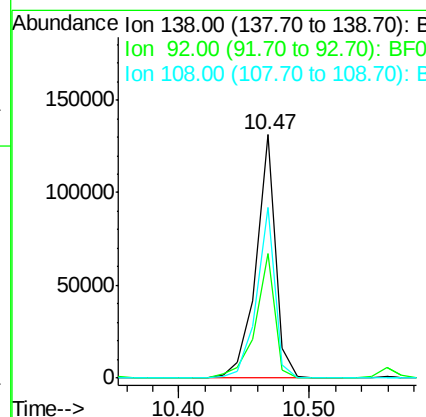
Manual Integrations
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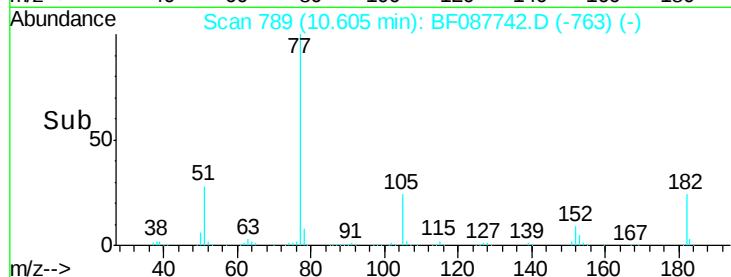
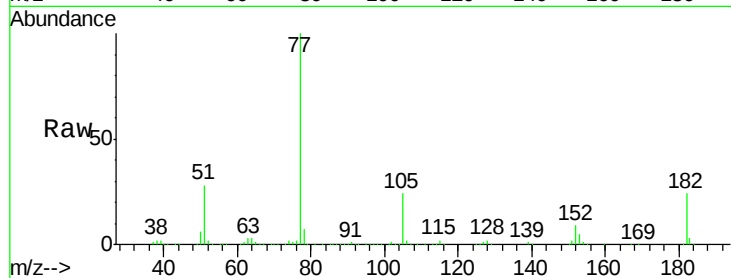
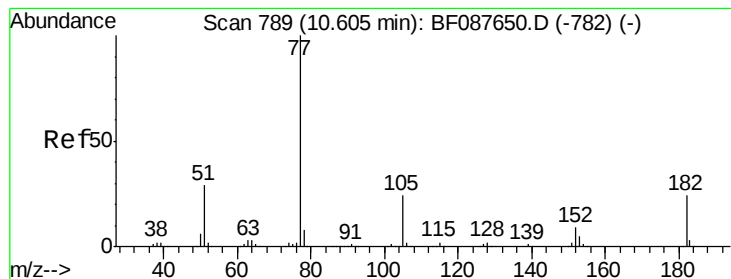
SOHIL
6/6/2016 7:25:39 PM



#61
4-Nitroaniline
Concen: 33.24 ng
RT: 10.47 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	137147		
92	51.0	27.3	67.3	
108	70.1	46.7	86.7	





#62

Azobenzene

Concen: 35.91 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		598587		
182	24.3	4.4	44.4		
105	23.9	3.8	43.8		
51	27.6	9.3	49.3		

Instrument :

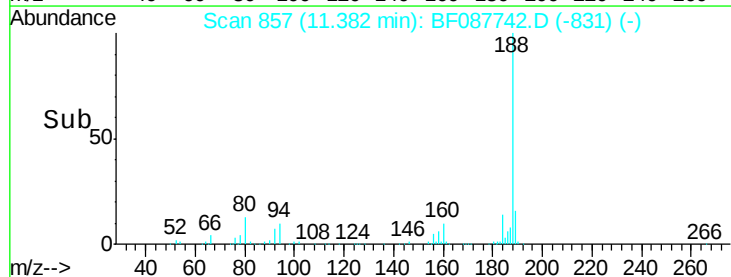
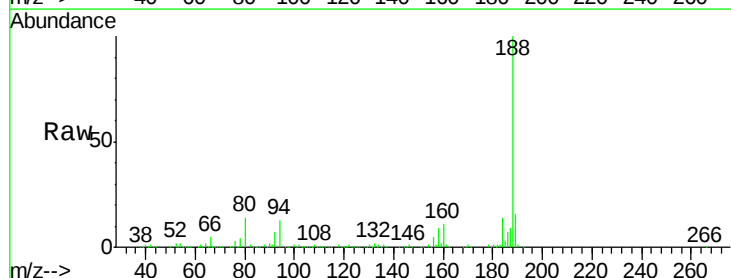
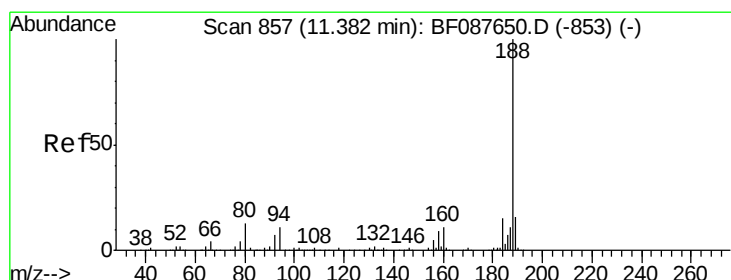
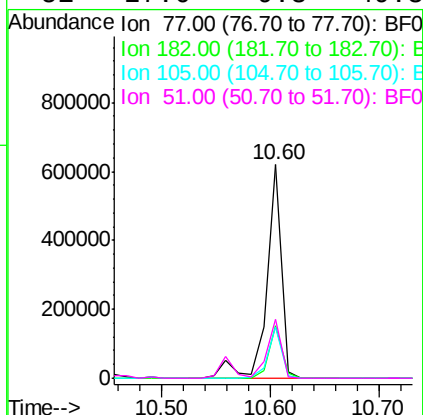
BNA_F

ClientSampleId :

U5-B2(0-10)CMSD

Manual Integrations
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SOHIL
6/6/2016 7:25:39 PM



#63

Phenanthrene-d10

Concen: 20.00 ng

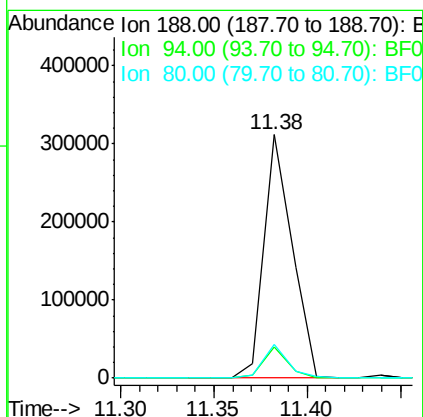
RT: 11.38 min Scan# 857

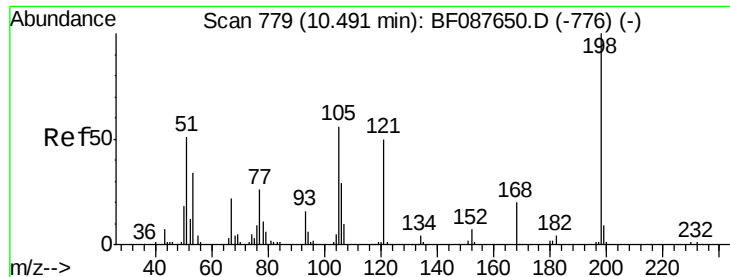
Delta R.T. -0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		326392		
94	12.6	9.0	13.6		
80	13.7	10.0	15.0		





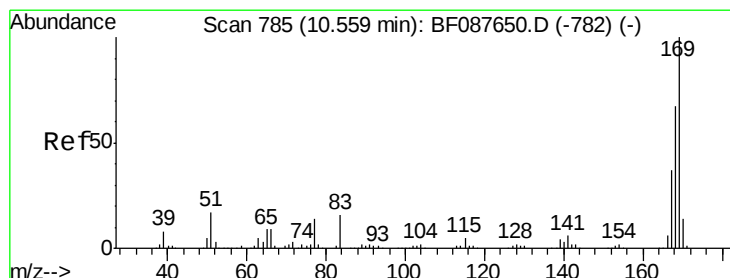
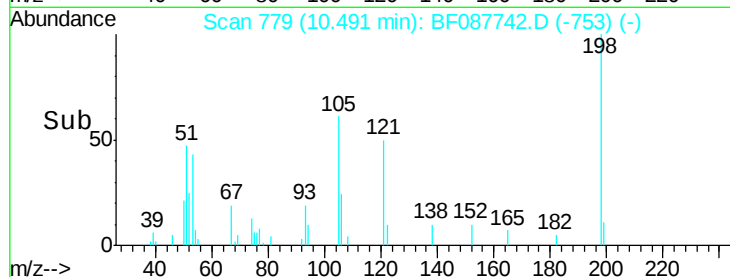
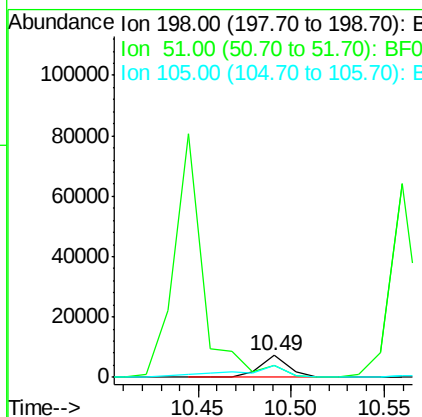
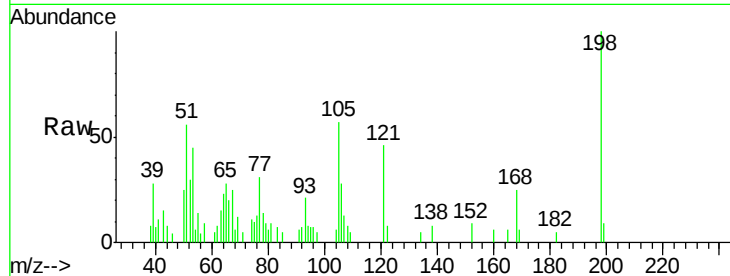
#64
4,6-Dinitro-2-methylphenol
Concen: 6.15 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

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

Tot Ion	Ratio	Lower	Upper
198	100		
51	56.0	39.6	79.6
105	57.2	36.6	76.6

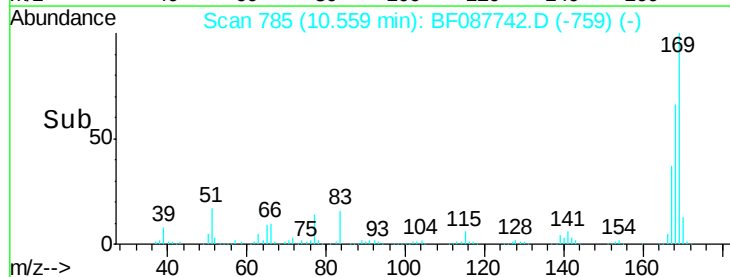
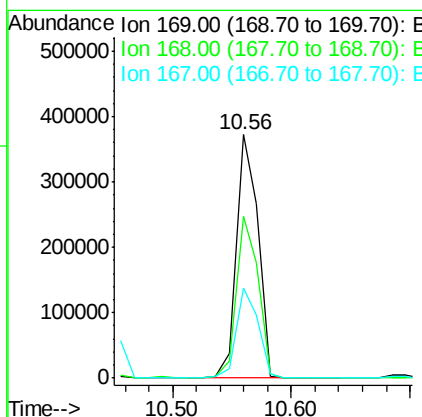
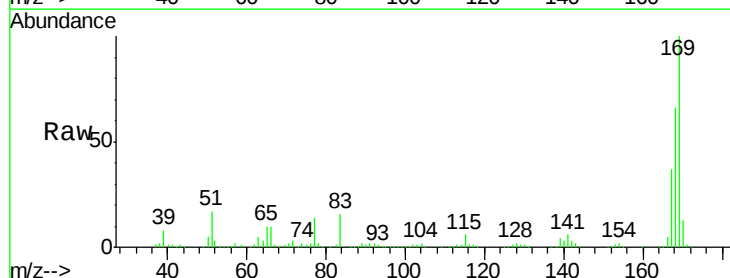
Manual Integrations
APPROVED

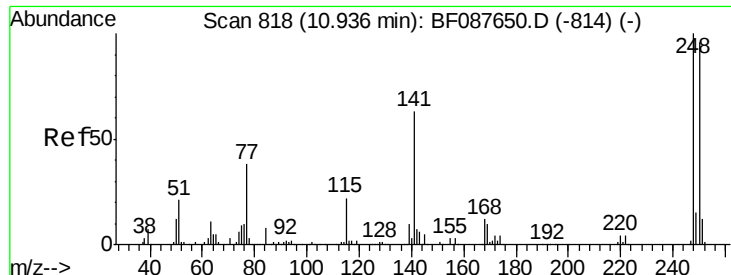
SOHIL
6/6/2016 7:25:39 PM



#65
n-Nitrosodiphenylamine
Concen: 43.97 ng
RT: 10.56 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.4	80.0
167	36.7	29.4	44.0





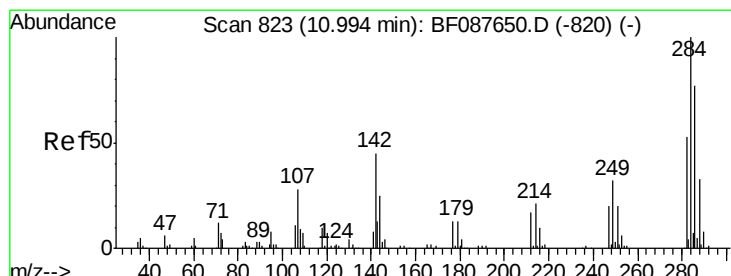
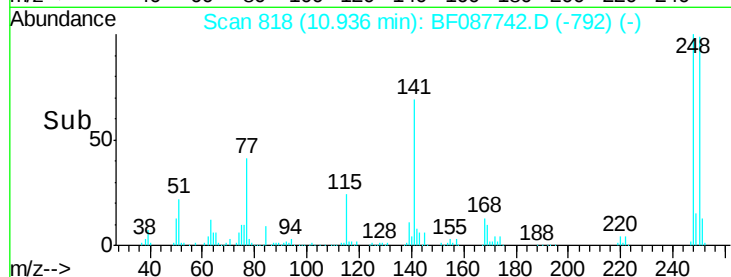
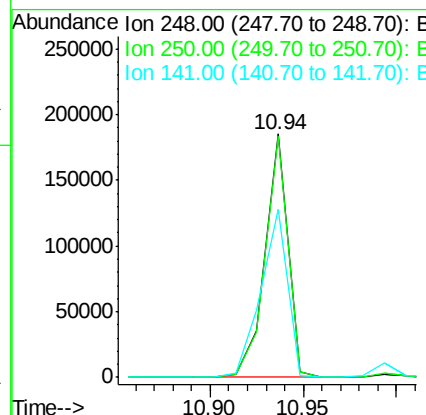
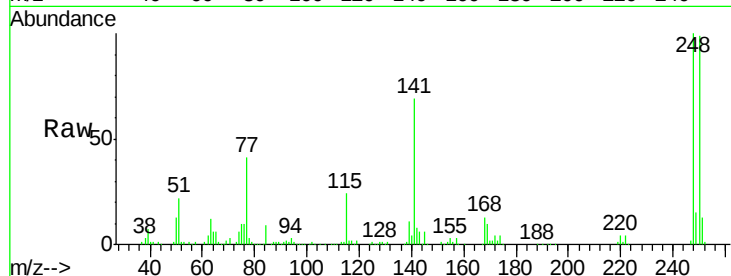
#66
4-Bromophenyl-phenylether
Concen: 48.08 ng
RT: 10.94 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	77.1	115.7
141	68.9	50.6	76.0

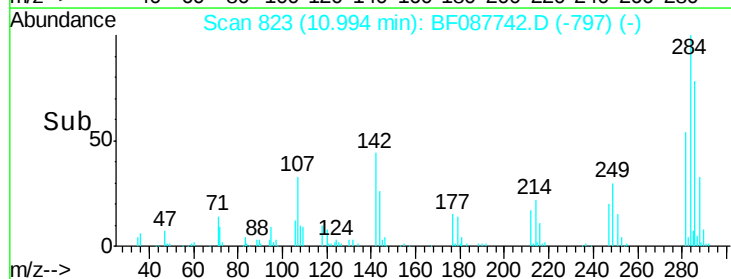
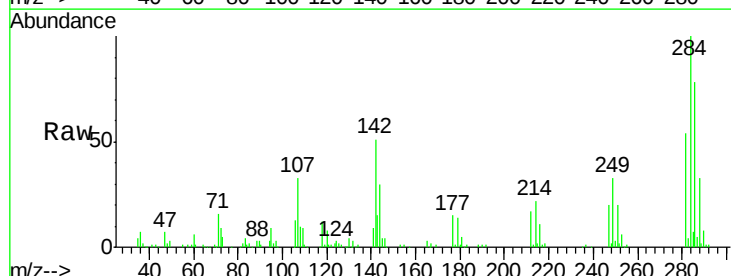
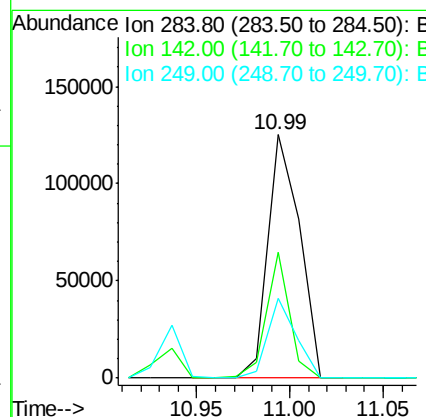
Manual Integrations
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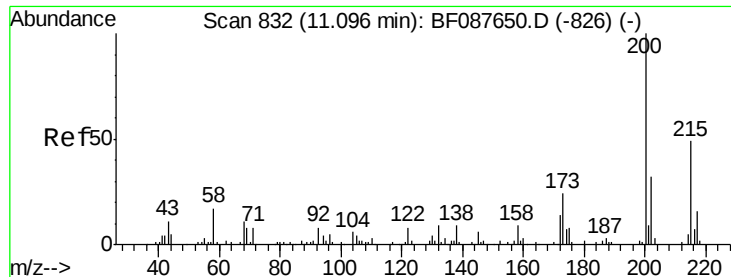
SOHIL
6/6/2016 7:25:39 PM



#67
Hexachlorobenzene
Concen: 41.23 ng
RT: 10.99 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	51.5	35.8	53.8
249	32.9	25.8	38.6





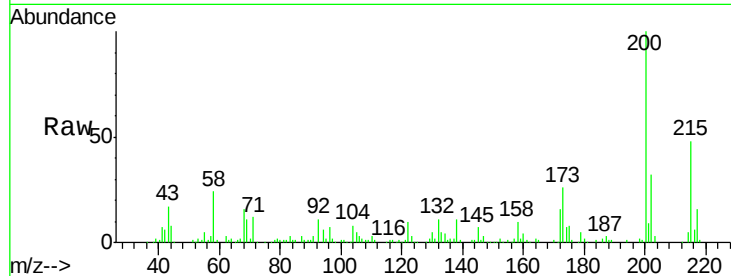
#68
Atrazine
Concen: 43.47 ng
RT: 11.10 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

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

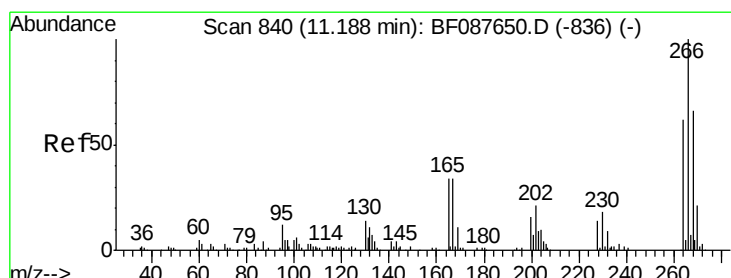
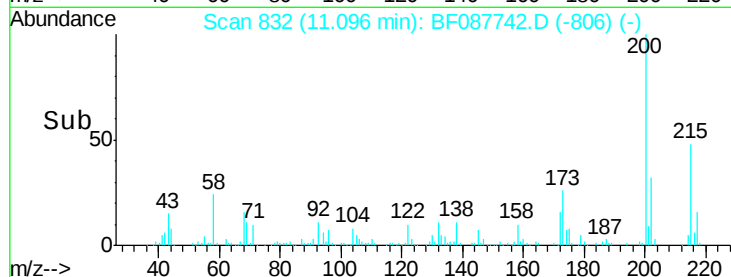
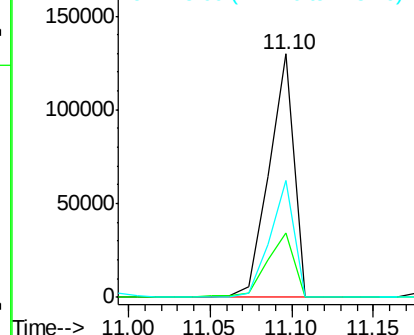
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.4	4.0	44.0
215	48.0	29.3	69.3

Manual Integrations
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6/6/2016 7:25:39 PM

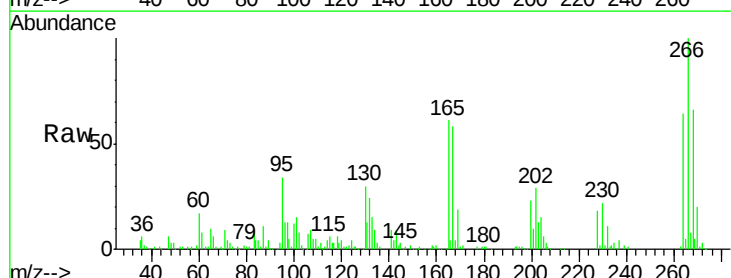


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

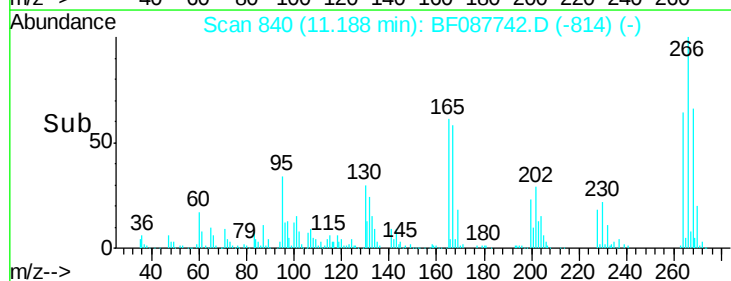
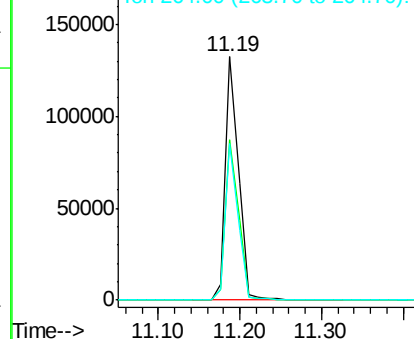


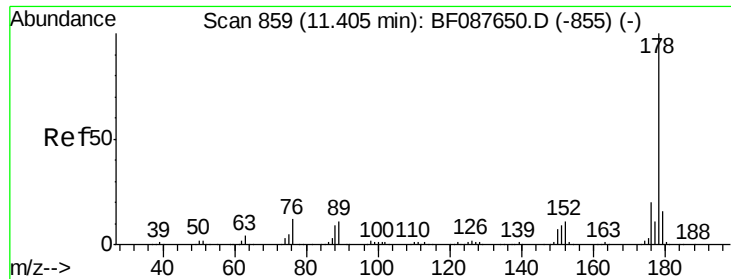
#69
Pentachlorophenol
Concen: 67.97 ng
RT: 11.19 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.9	52.8	79.2
264	64.4	49.6	74.4



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





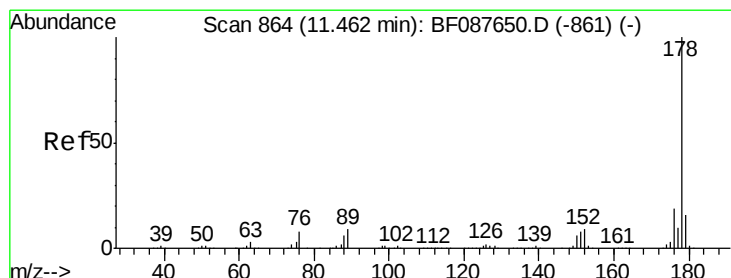
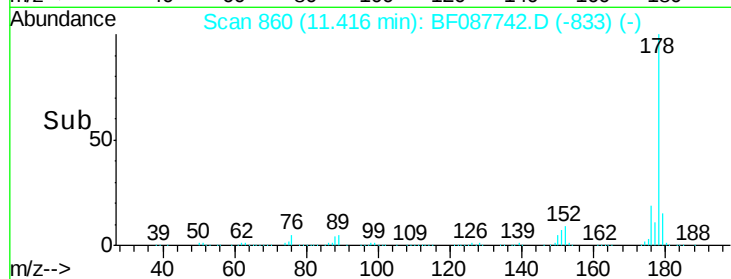
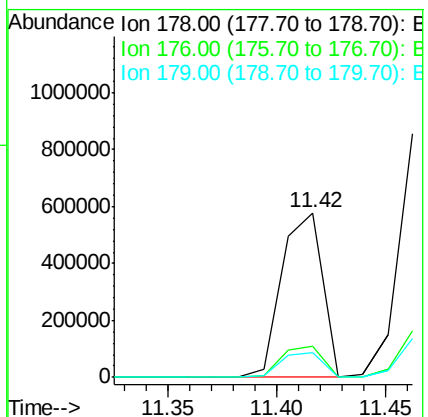
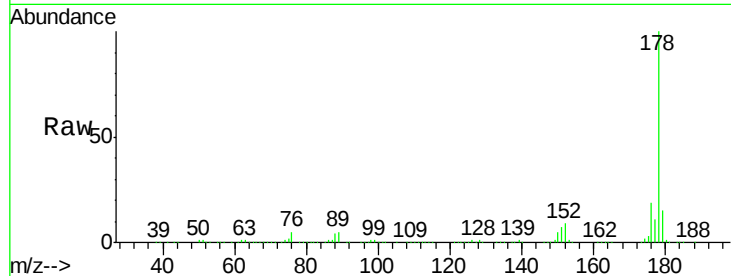
#70
Phenanthrene
Concen: 42.94 ng
RT: 11.42 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.6
179	15.2	13.0	19.4

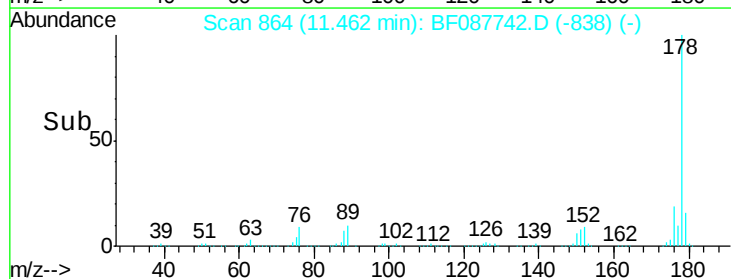
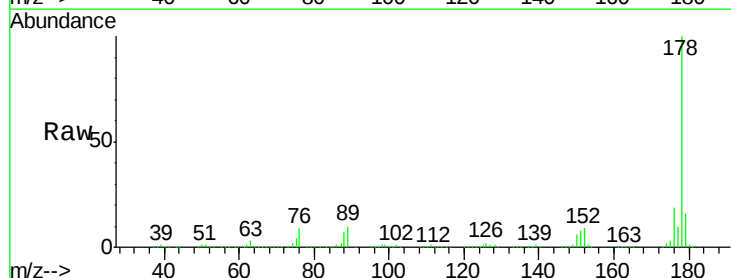
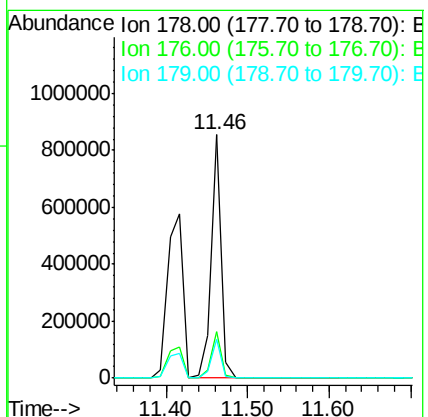
Manual Integrations
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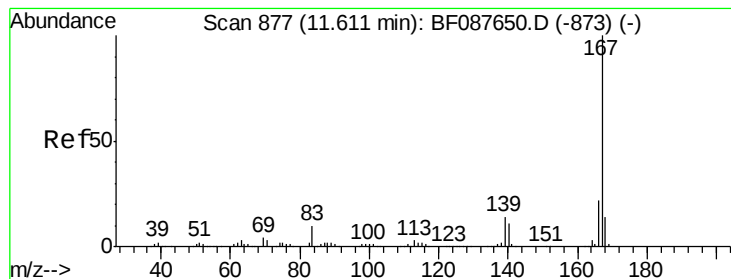
SOHIL
6/6/2016 7:25:39 PM



#71
Anthracene
Concen: 41.49 ng
RT: 11.46 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	16.0	12.8	19.2





#72

Carbazole

Concen: 43.02 ng

RT: 11.62 min Scan# 878

Delta R.T. 0.01 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA_F

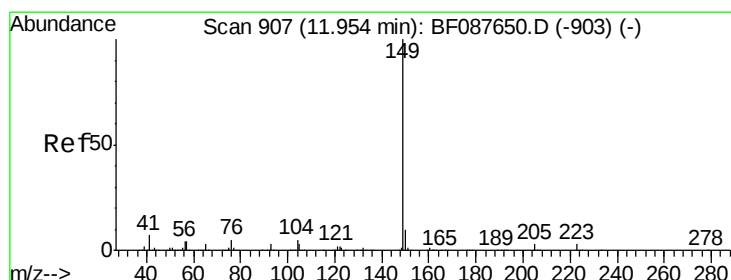
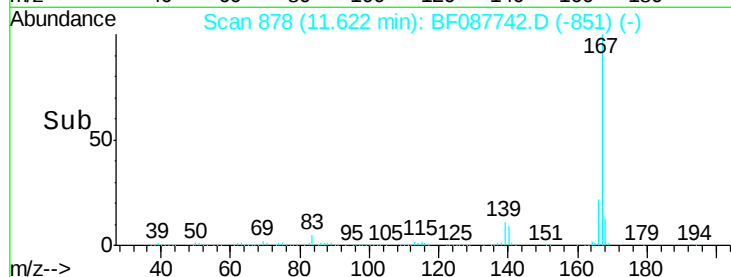
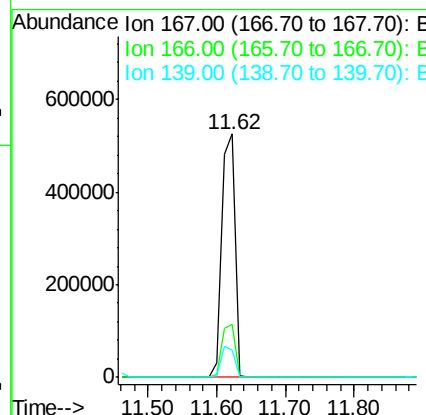
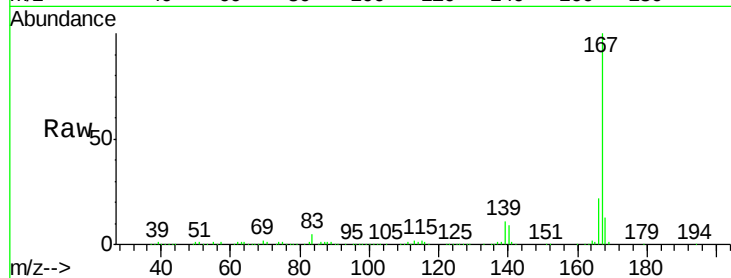
ClientSampleId :

U5-B2(0-10)CMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.8	26.6
139	11.2	11.2	16.8

Manual Integrations
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6/6/2016 7:25:39 PM



#73

Di-n-butylphthalate

Concen: 48.90 ng

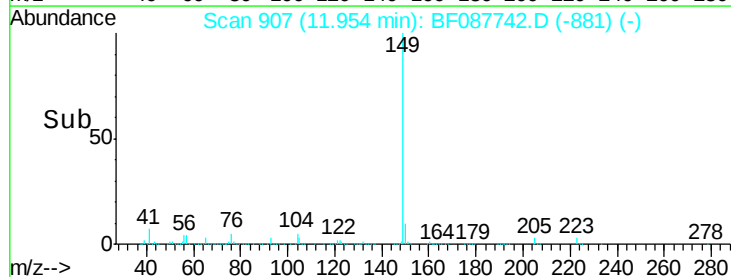
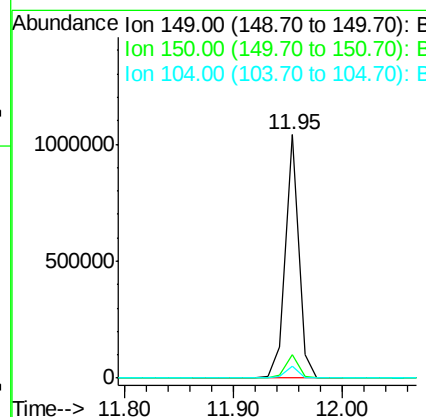
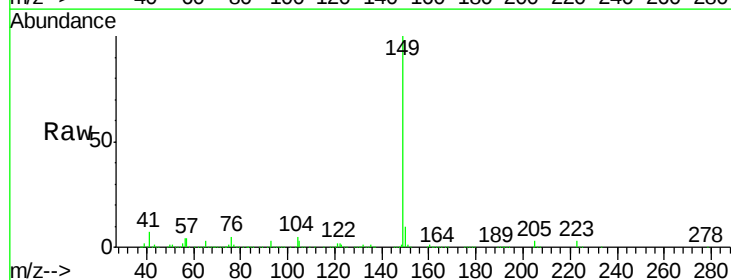
RT: 11.95 min Scan# 907

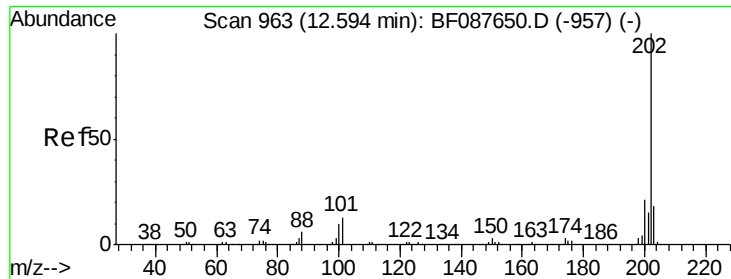
Delta R.T. -0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	5.1	4.0	6.0





#74

Fluoranthene

Concen: 44.98 ng

RT: 12.61 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA_F

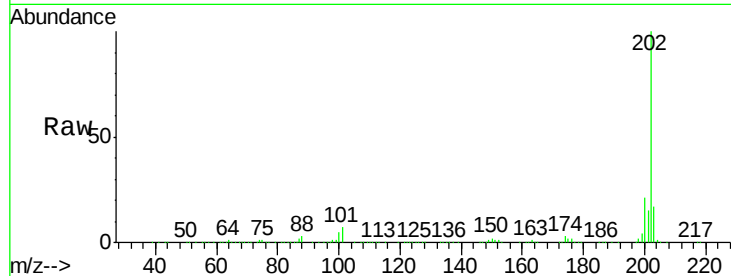
ClientSampleId :

U5-B2(0-10)CMSD

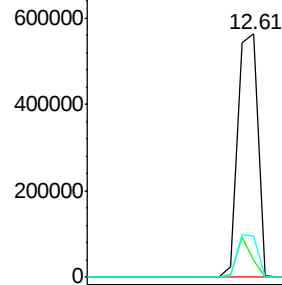
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.8	0.0	33.1
203	17.3	0.0	38.1

Manual Integrations
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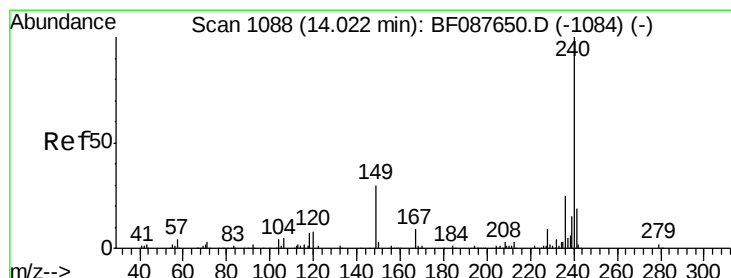
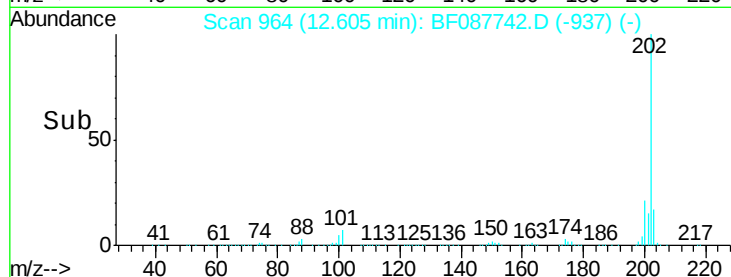
SOHIL
6/6/2016 7:25:39 PM



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



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

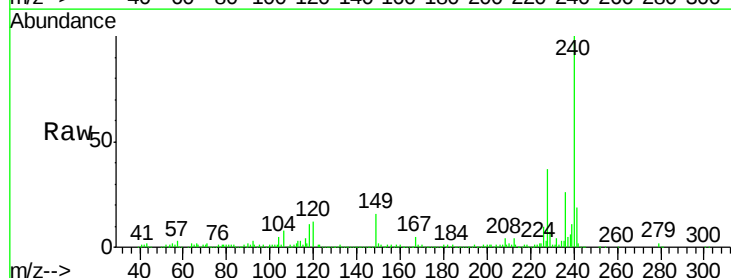
RT: 14.02 min Scan# 1088

Delta R.T. -0.00 min

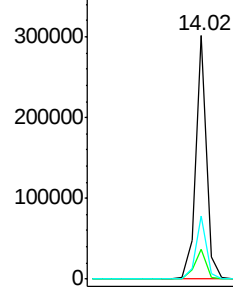
Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

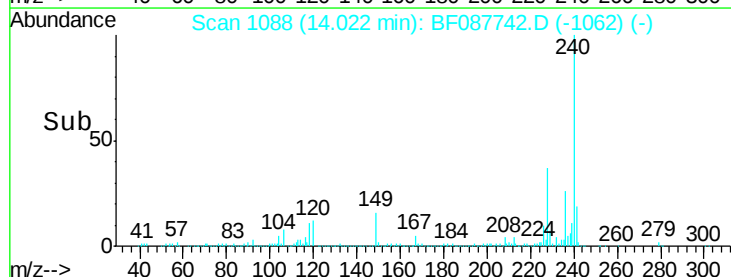
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.3	6.8	10.2#
236	25.9	20.2	30.2

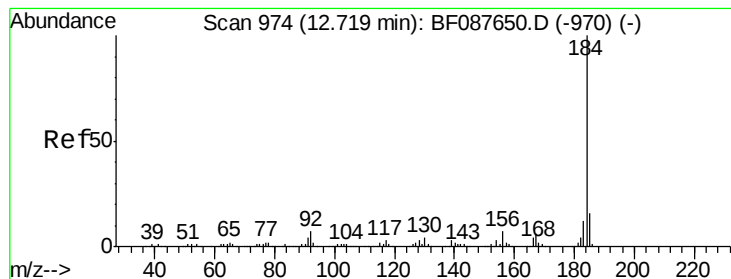


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





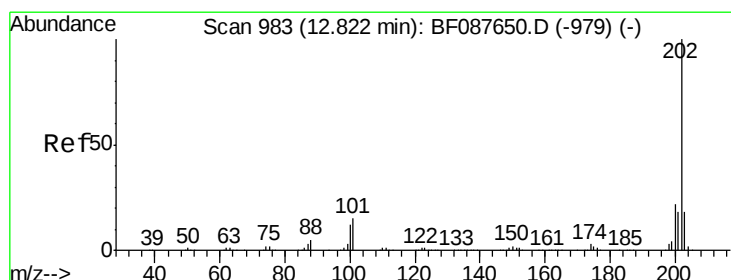
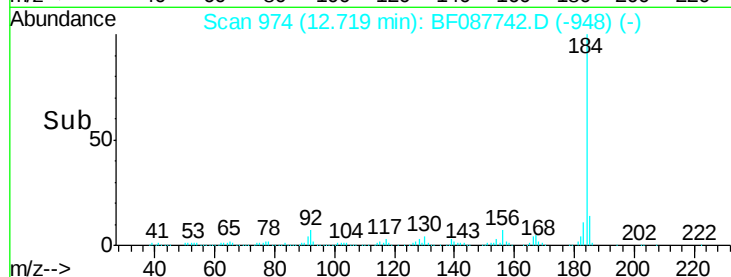
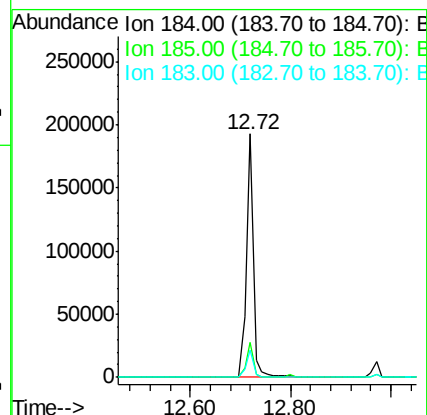
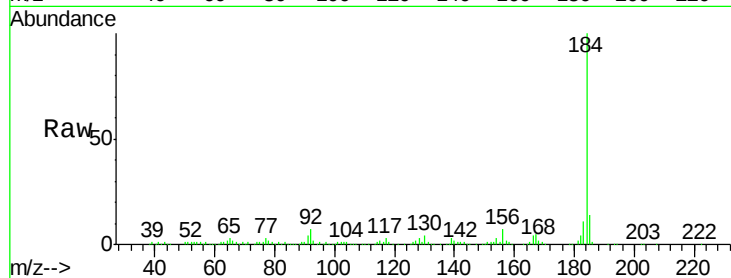
#76
Benzidine
Concen: 18.08 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

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

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.5	18.7
183	11.5	9.3	13.9

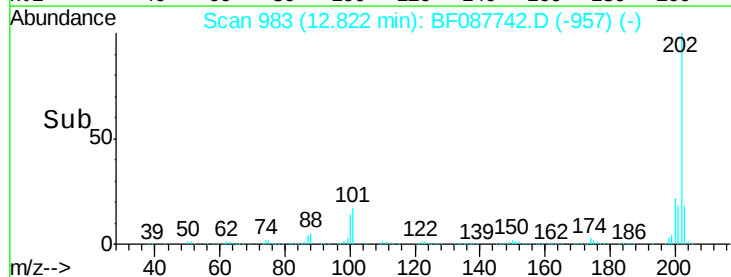
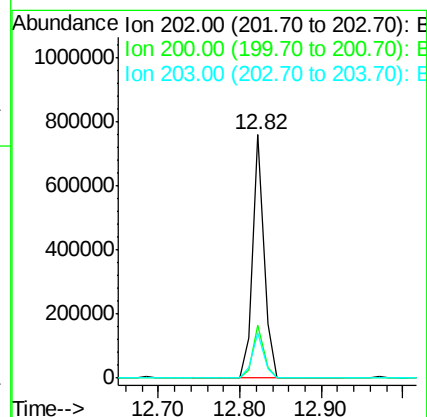
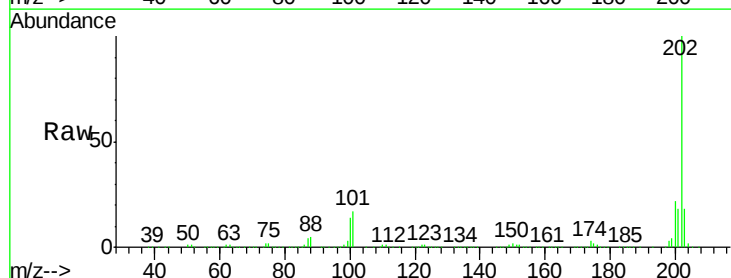
Manual Integrations
APPROVED

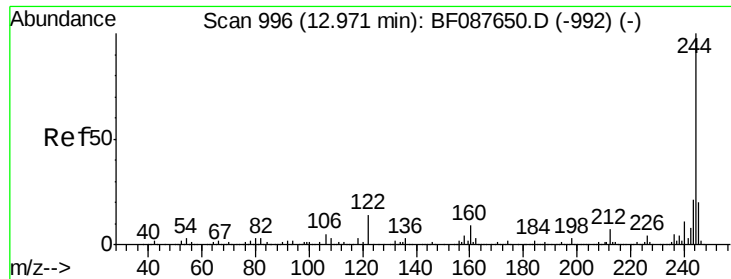
SOHIL
6/6/2016 7:25:39 PM



#77
Pyrene
Concen: 38.75 ng
RT: 12.82 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.4	14.5	21.7





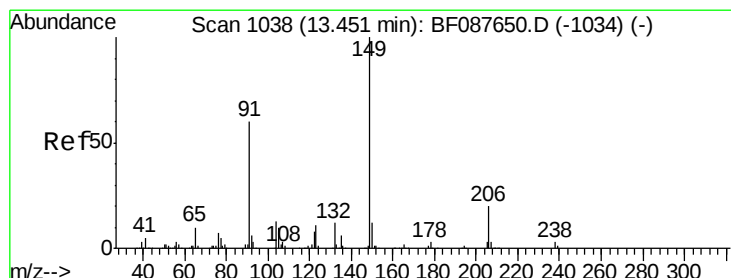
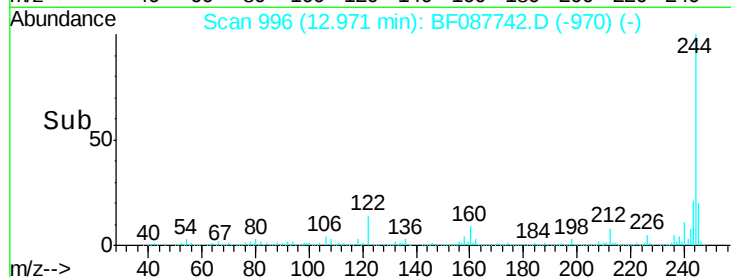
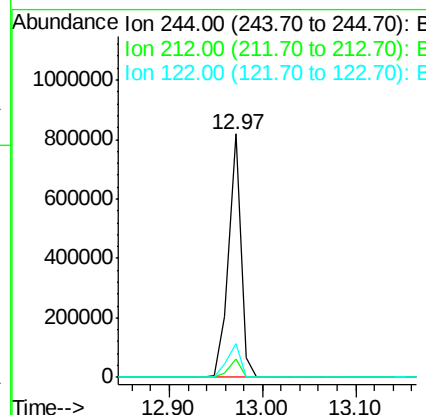
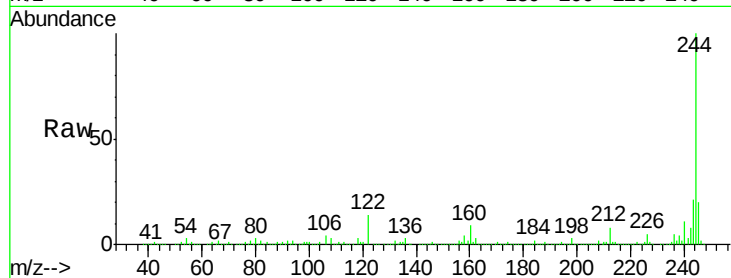
#78
 Terphenyl-d14
 Concen: 69.87 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087742.D
 Acq: 6 Jun 2016 8:19

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

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	6.0	9.0
122	13.9	11.2	16.8

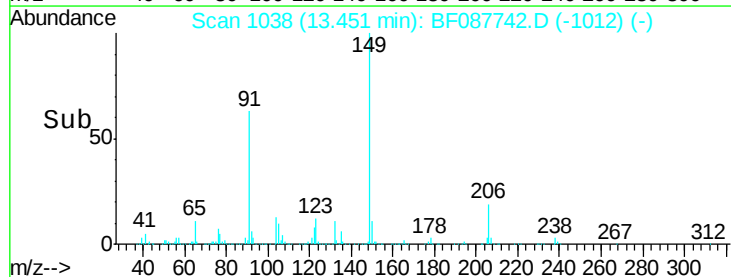
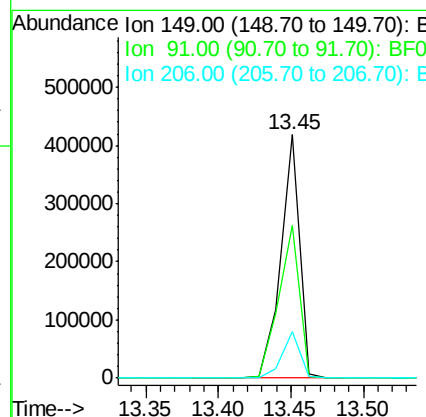
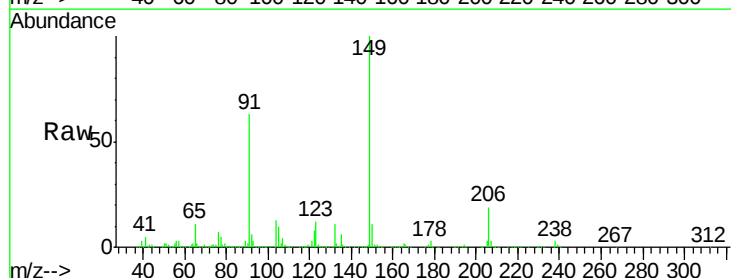
Manual Integrations
 APPROVED

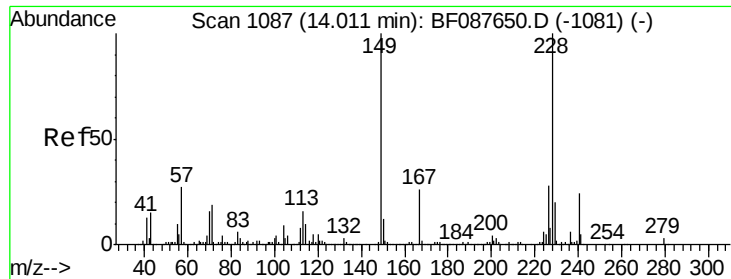
SOHIL
 6/6/2016 7:25:39 PM



#79
 Butylbenzylphthalate
 Concen: 46.66 ng
 RT: 13.45 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF087742.D
 Acq: 6 Jun 2016 8:19

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	62.6	48.0	72.0
206	19.0	16.0	24.0





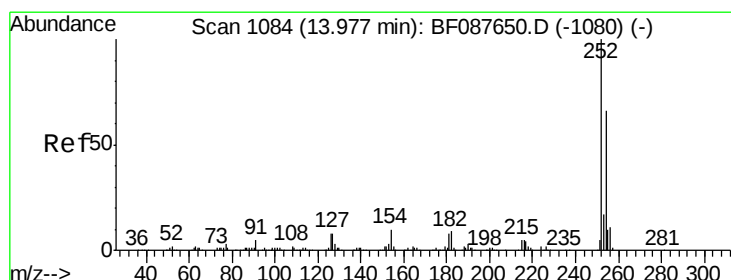
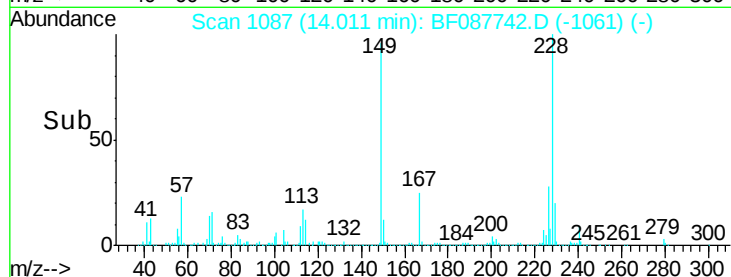
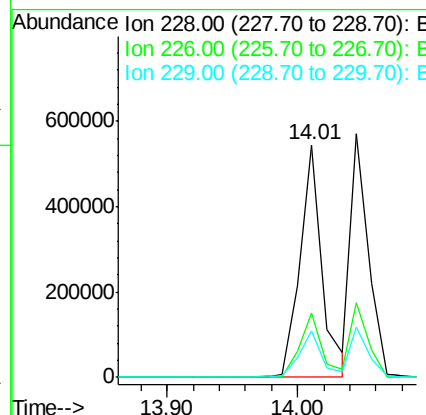
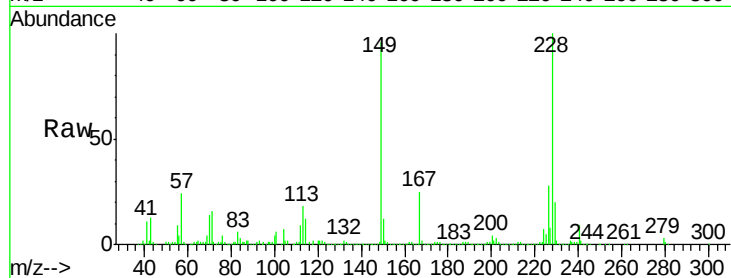
#80
Benzo(a)anthracene
Concen: 42.38 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	27.7	22.3	33.5		
229	19.8	16.0	24.0		

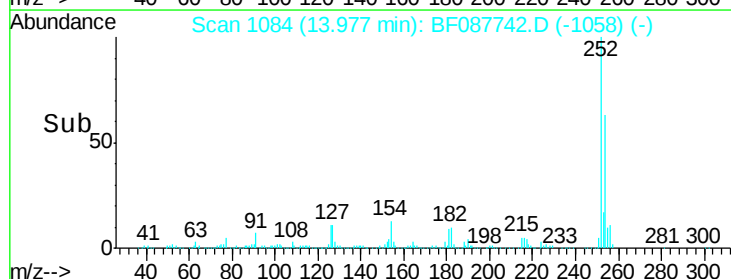
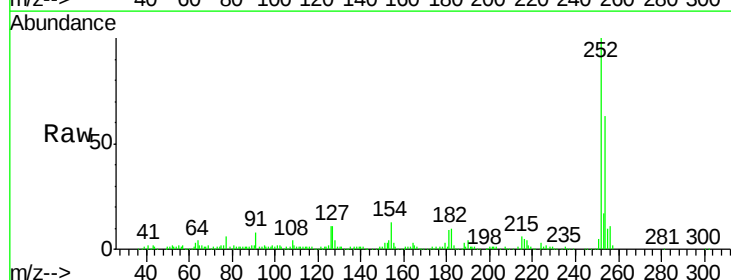
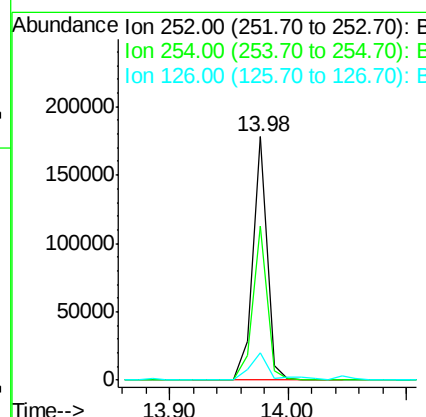
Manual Integrations
APPROVED

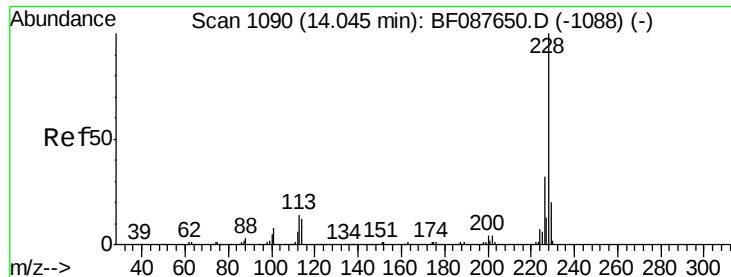
SOHIL
6/6/2016 7:25:39 PM



#81
3,3'-Dichlorobenzidine
Concen: 35.41 ng
RT: 13.98 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
254	63.2	52.6	78.8		
126	11.5	6.2	9.2#		





#82

Chrysene

Concen: 36.06 ng

RT: 14.05 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA_F

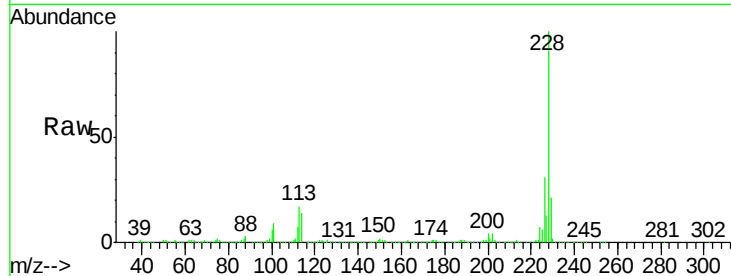
ClientSampleId :

U5-B2(0-10)CMSD

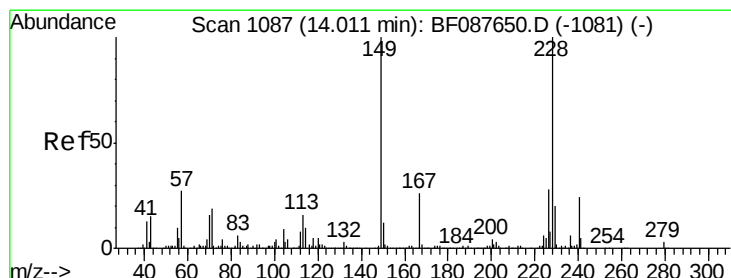
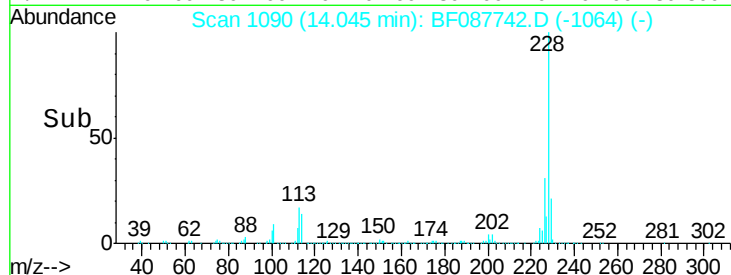
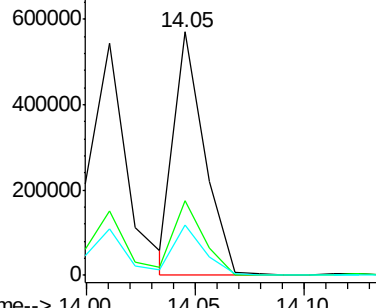
Tot Ion:	228	Resp:	546197
Ion Ratio		Lower	Upper
228	100		
226	30.9	25.4	38.2
229	20.9	16.3	24.5

Manual Integrations
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6/6/2016 7:25:39 PM



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: 51.08 ng

RT: 14.01 min Scan# 1087

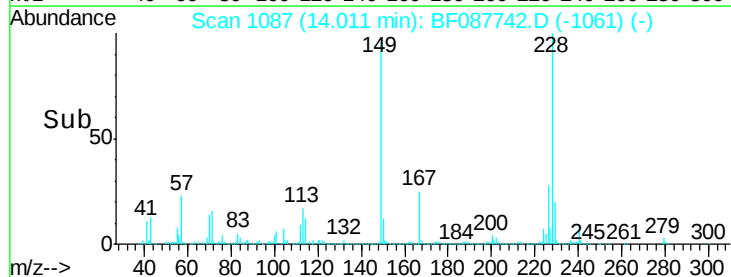
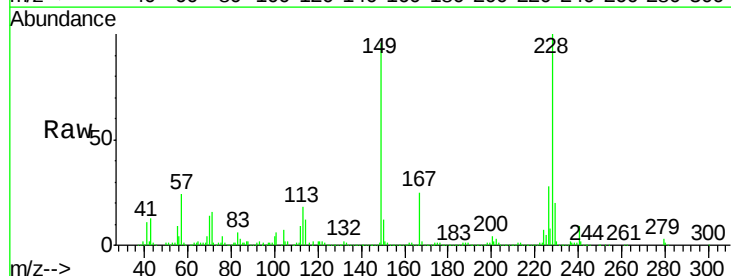
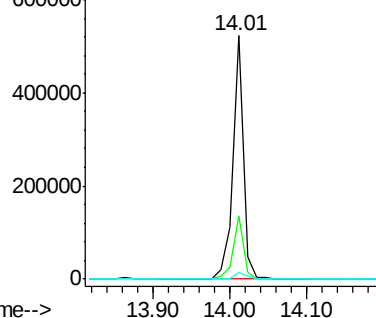
Delta R.T. -0.00 min

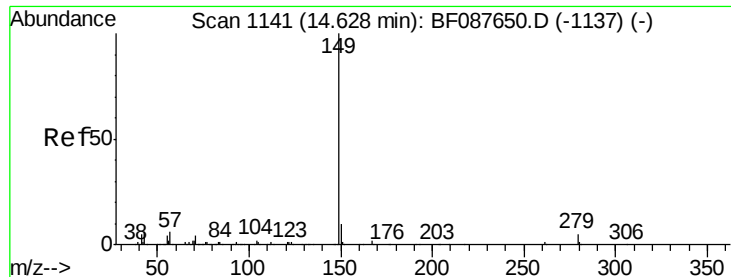
Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Tgt Ion:	149	Resp:	485666
Ion Ratio		Lower	Upper
149	100		
167	26.2	20.5	30.7
279	2.9	2.0	3.0

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





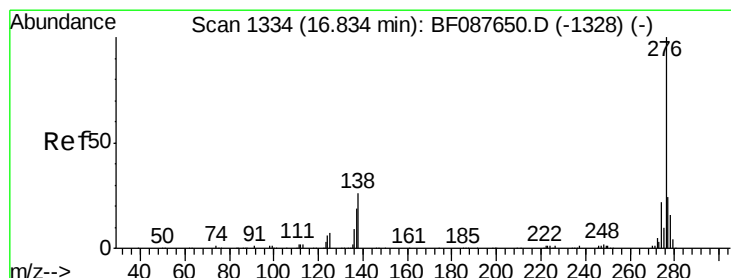
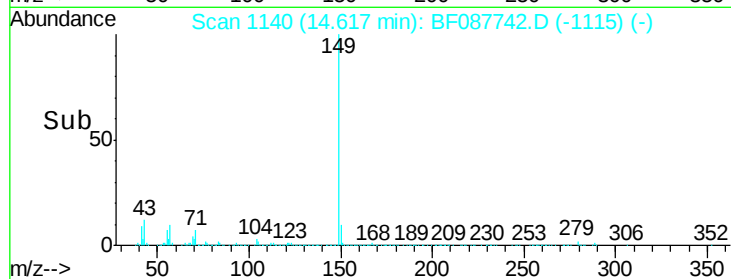
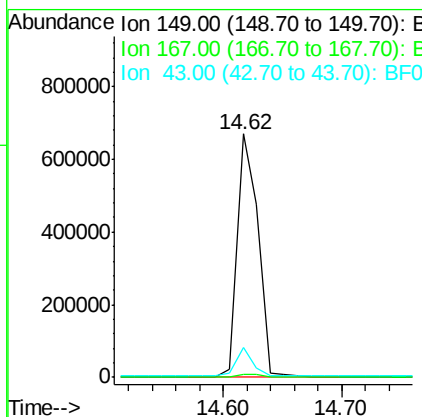
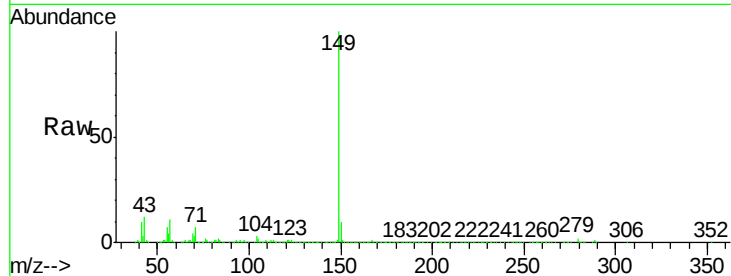
#84
Di-n-octyl phthalate
Concen: 45.93 ng
RT: 14.62 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

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

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.9	0.0	0.0#
43	9.9	0.0	0.0#

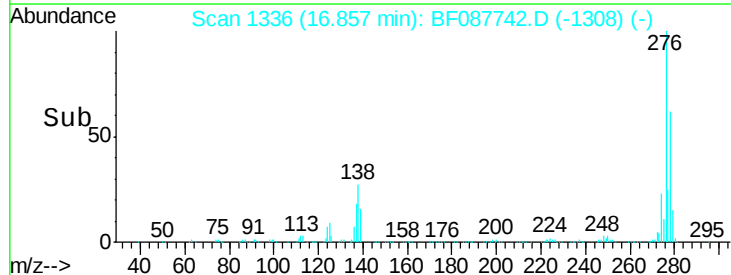
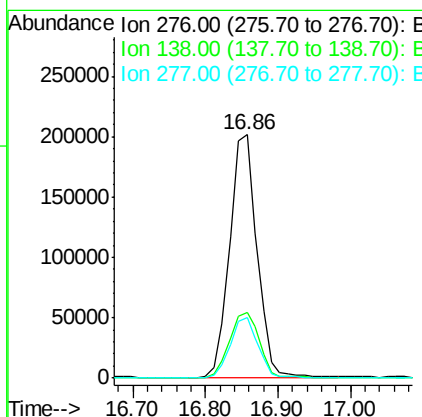
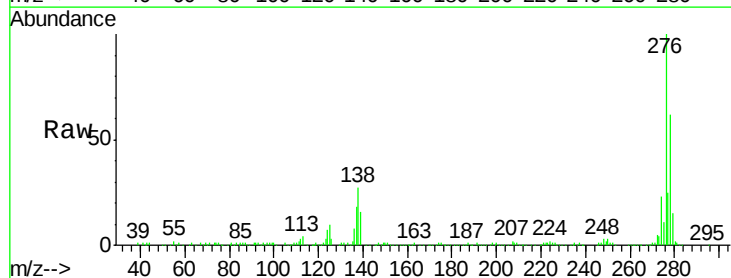
Manual Integrations
APPROVED

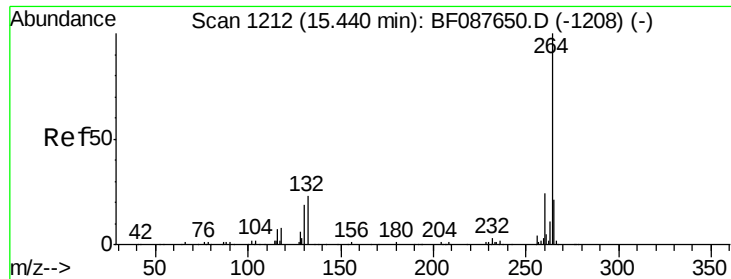
SOHIL
6/6/2016 7:25:39 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 42.70 ng
RT: 16.86 min Scan# 1336
Delta R.T. 0.02 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	29.0	0.0	0.0#
277	25.9	0.0	0.0#





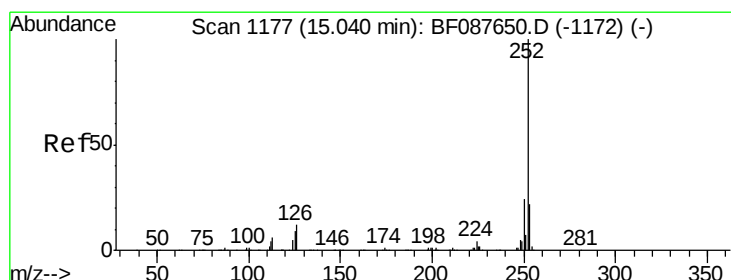
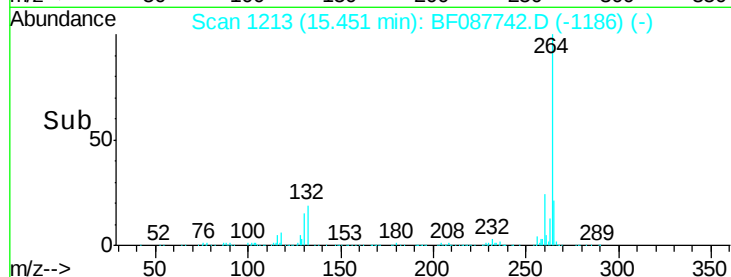
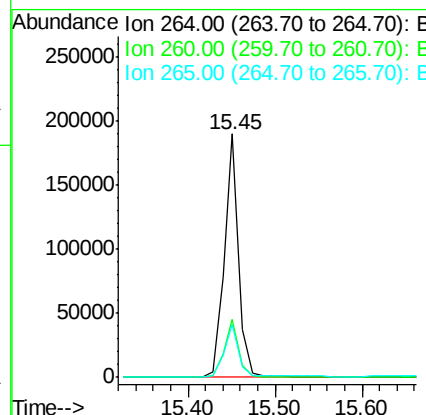
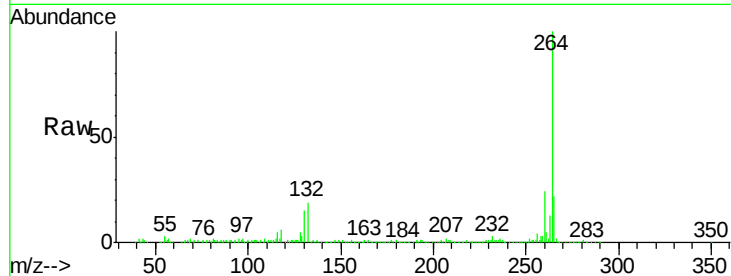
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	16.9	25.3

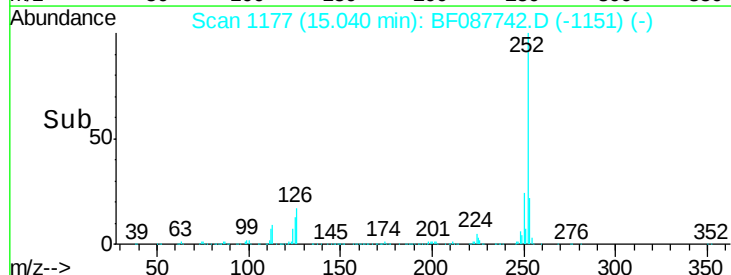
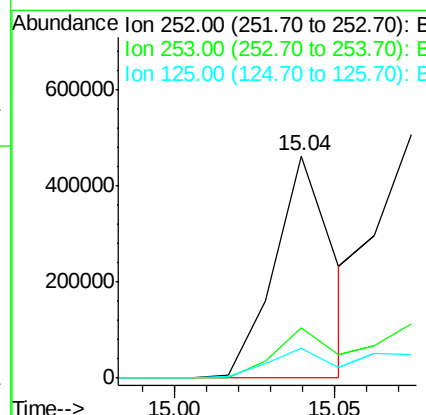
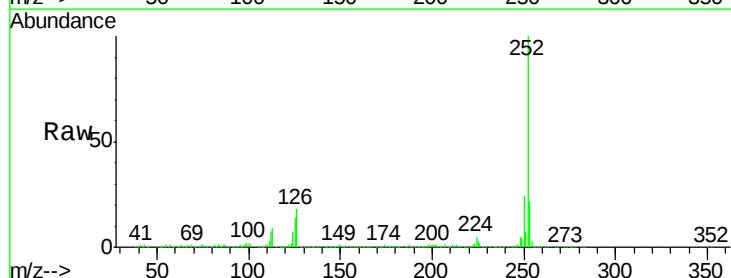
Manual Integrations
APPROVED

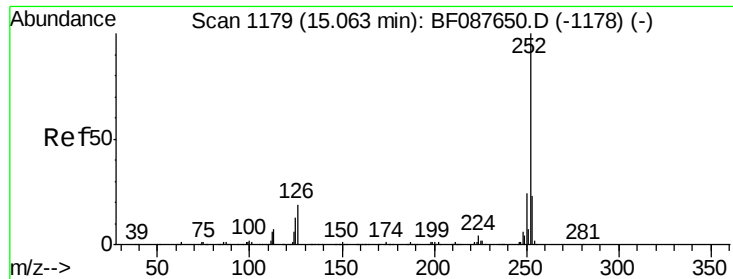
SOHIL
6/6/2016 7:25:39 PM



#87
Benzo(b)fluoranthene
Concen: 41.58 ng m
RT: 15.04 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	13.6	7.1	10.7#





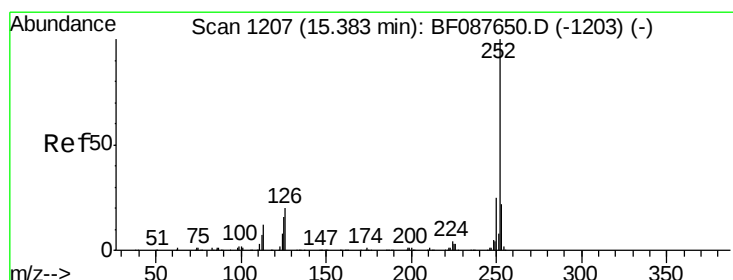
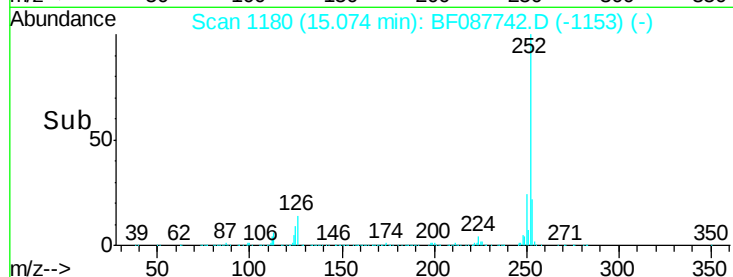
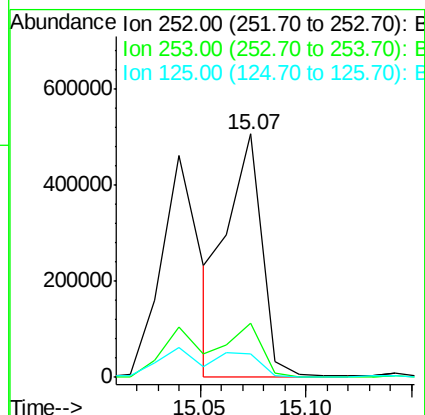
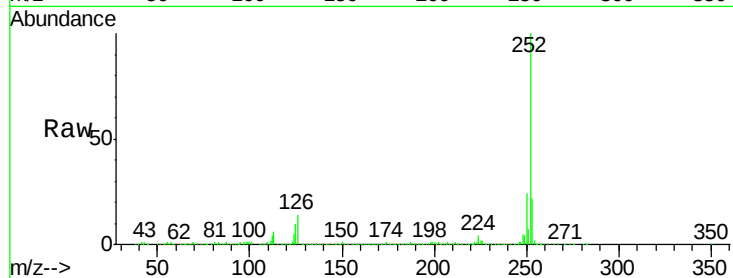
#88
Benzo(k)fluoranthene
Concen: 49.21 ng m
RT: 15.07 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	9.7	11.2	16.8

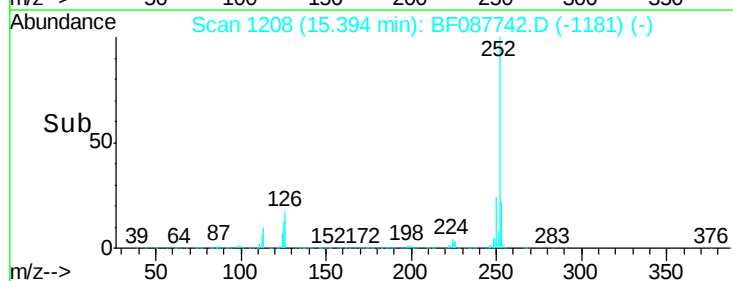
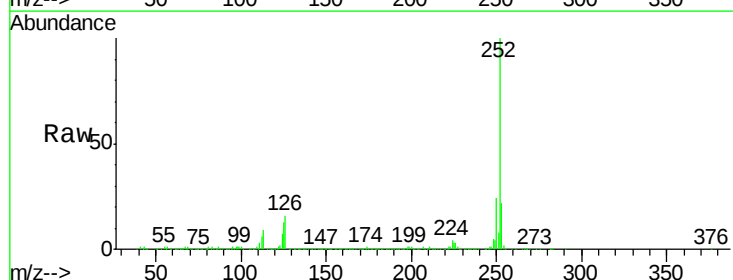
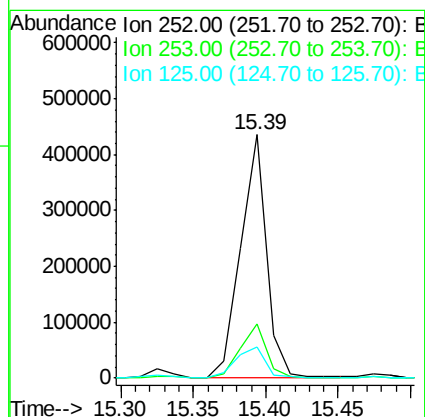
Manual Integrations
APPROVED

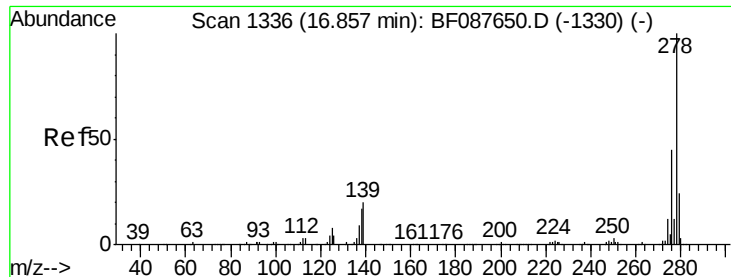
SOHIL
6/6/2016 7:25:39 PM



#89
Benzo(a)pyrene
Concen: 45.08 ng
RT: 15.39 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF087742.D
Acq: 6 Jun 2016 8:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	13.0	12.5	18.7





#90

Dibenzo(a,h)anthracene

Concen: 43.52 ng

RT: 16.87 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Instrument :

BNA_F

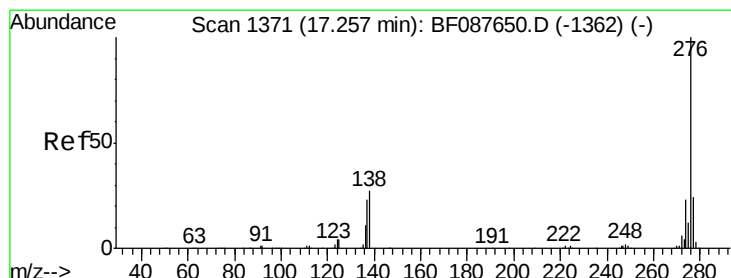
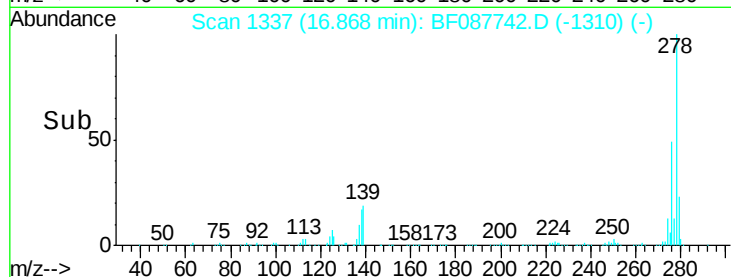
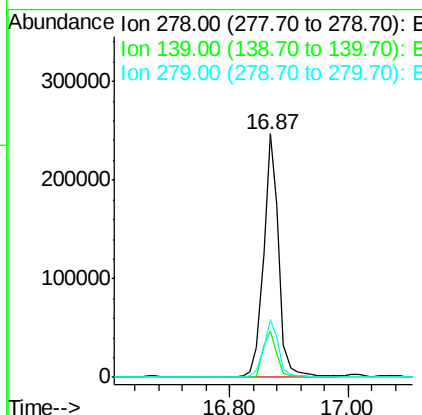
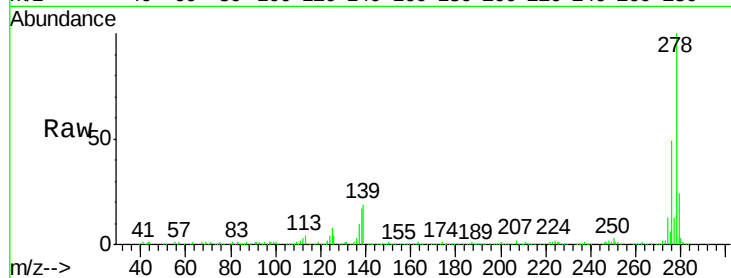
ClientSampleId :

U5-B2(0-10)CMSD

Tot Ion:	278	Resp:	444025
Ion Ratio	Lower	Upper	
278	100		
139	19.0	15.7	23.5
279	23.6	19.4	29.2

Manual Integrations
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SOHIL
6/6/2016 7:25:39 PM



#91

Benzo(g,h,i)perylene

Concen: 42.21 ng

RT: 17.27 min Scan# 1372

Delta R.T. 0.01 min

Lab File: BF087742.D

Acq: 6 Jun 2016 8:19

Tgt Ion:	276	Resp:	434555
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.9	28.3
138	27.8	21.4	32.2

