

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
 Data File : BF087832.D
 Acq On : 9 Jun 2016 4:13
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 6/9/2016 8:01:57 PM

Quant Time: Jun 09 06:48:10 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	100858	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	398727	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	160904	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	239810	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	196645	20.00	ng	0.00
86) Perylene-d12	15.42	264	168095	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	490029	83.06	ng	-0.01
7) Phenol-d6	6.46	99	587804	82.21	ng	-0.02
23) Nitrobenzene-d5	7.39	82	491336	71.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	116240	68.42	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	960808	94.42	ng	-0.01
78) Terphenyl-d14	12.94	244	642362	74.33	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	119684	41.75	ng	# 36
3) Pyridine	3.10	79	310972	45.94	ng	98
4) n-Nitrosodimethylamine	3.04	42	119775	41.78	ng	94
6) Aniline	6.49	93	412665	40.55	ng	99
8) 2-Chlorophenol	6.62	128	262865	37.64	ng	# 80
9) Benzaldehyde	6.38	77	183230	44.08	ng	98
10) Phenol	6.48	94	324578	43.91	ng	76
11) bis(2-Chloroethyl)ether	6.57	93	252780	40.32	ng	# 82
12) 1,3-Dichlorobenzene	6.76	146	279199	37.26	ng	99
13) 1,4-Dichlorobenzene	6.84	146	302888	40.13	ng	99
14) 1,2-Dichlorobenzene	7.00	146	265831	38.73	ng	100
15) Benzyl Alcohol	6.97	79	213625	38.19	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	322231	38.04	ng	97
17) 2-Methylphenol	7.08	107	205178	36.23	ng	98
18) Hexachloroethane	7.35	117	80419	30.03	ng	# 86
19) n-Nitroso-di-n-propylamine	7.24	70	156152	34.14	ng	96
20) 3+4-Methylphenols	7.24	107	269956	40.86	ng	# 76
22) Acetophenone	7.24	105	356875	40.05	ng	# 95
24) Nitrobenzene	7.42	77	295245	44.64	ng	99
25) Isophorone	7.66	82	491159	38.83	ng	95
26) 2-Nitrophenol	7.72	139	114486	32.31	ng	99
27) 2,4-Dimethylphenol	7.77	122	240726	36.90	ng	95
28) bis(2-Chloroethoxy)methane	7.87	93	296289	37.77	ng	99
29) 2,4-Dichlorophenol	7.98	162	208721	38.32	ng	89
30) 1,2,4-Trichlorobenzene	8.06	180	226468	38.18	ng	100
31) Naphthalene	8.14	128	738475	37.43	ng	99
32) Benzoic acid	7.87	122	126761m	35.29	ng	
33) 4-Chloroaniline	8.18	127	297188	33.73	ng	99
34) Hexachlorobutadiene	8.26	225	117195	37.47	ng	99
35) Caprolactam	8.56	113	61198	33.92	ng	94
36) 4-Chloro-3-methylphenol	8.67	107	219001	37.60	ng	91
37) 2-Methylnaphthalene	8.82	142	449630	34.57	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	194683	47.31	ng	# 1
40) Hexachlorocyclopentadiene	8.98	237	13047	5.03	ng	98

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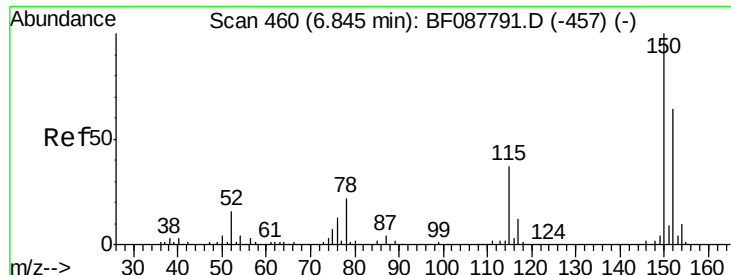
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	128629	39.98	nq	98
43) 2,4,5-Trichlorophenol	9.15	196	129010	38.54	nq	98
45) 1,1'-Biphenyl	9.29	154	530811	43.78	nq	99
46) 2-Chloronaphthalene	9.31	162	392397	37.69	nq	99
47) 2-Nitroaniline	9.42	65	131972	42.97	nq	# 70
48) Acenaphthylene	9.74	152	642166	38.77	nq	99
49) Dimethylphthalate	9.60	163	489079	41.96	nq	99
50) 2,6-Dinitrotoluene	9.66	165	96489	36.15	nq	# 65
51) Acenaphthene	9.91	154	391011	37.84	nq	99
52) 3-Nitroaniline	9.83	138	132325	42.96	nq	# 79
53) 2,4-Dinitrophenol	9.93	184	5928	7.97	nq	# 78
54) Dibenzofuran	10.08	168	565387	39.74	nq	95
55) 4-Nitrophenol	9.99	139	75831	31.72	nq	# 65
56) 2,4-Dinitrotoluene	10.06	165	115226	33.59	nq	# 68
57) Fluorene	10.42	166	414586	42.89	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	91082	34.62	nq	# 52
59) Diethylphthalate	10.30	149	451999	38.31	nq	98
60) 4-Chlorophenyl-phenylether	10.41	204	175222	37.03	nq	95
61) 4-Nitroaniline	10.43	138	97372	33.33	nq	95
62) Azobenzene	10.57	77	421781	36.15	nq	96
64) 4,6-Dinitro-2-methylphenol	10.47	198	13530	10.79	nq	# 63
65) n-Nitrosodiphenylamine	10.54	169	388001	48.76	nq	100
66) 4-Bromophenyl-phenylether	10.90	248	108174	42.05	nq	# 88
67) Hexachlorobenzene	10.97	284	116405	43.55	nq	# 71
68) Atrazine	11.06	200	100874	41.86	nq	93
69) Pentachlorophenol	11.16	266	56231	39.91	nq	96
70) Phenanthrene	11.38	178	543773	43.21	nq	98
71) Anthracene	11.43	178	509184	40.11	nq	99
72) Carbazole	11.59	167	529072	44.54	nq	98
73) Di-n-butylphthalate	11.92	149	607105	40.37	nq	99
74) Fluoranthene	12.56	202	499163	37.59	nq	96
76) Benzidine	12.68	184	298937	54.90	nq	99
77) Pyrene	12.79	202	509415	34.91	nq	100
79) Butylbenzylphthalate	13.42	149	240234	37.24	nq	# 80
80) Benzo(a)anthracene	13.98	228	474989	42.39	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	151203	50.18	nq	# 97
82) Chrysene	14.01	228	446653	42.37	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	347962	44.31	nq	# 96
84) Di-n-octyl phthalate	14.59	149	637006	49.92	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.80	276	368912	37.66	nq	# 100
87) Benzo(b)fluoranthene	15.01	252	407535	34.78	nq	# 97
88) Benzo(k)fluoranthene	15.04	252	399517m	45.20	nq	
89) Benzo(a)pyrene	15.36	252	379138	40.00	nq	# 92
90) Dibenzo(a,h)anthracene	16.82	278	311728	35.41	nq	96
91) Benzo(g,h,i)perylene	17.21	276	299345	33.05	nq	99

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



#1

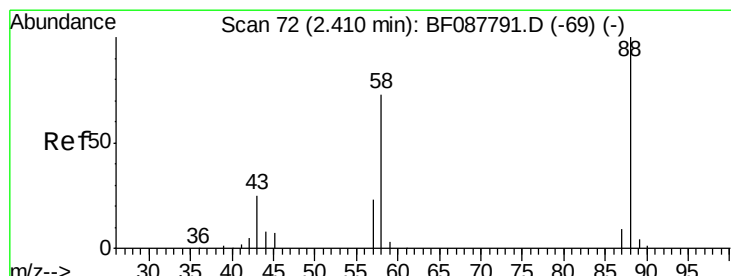
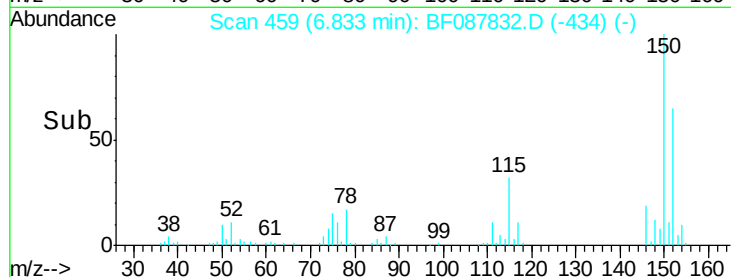
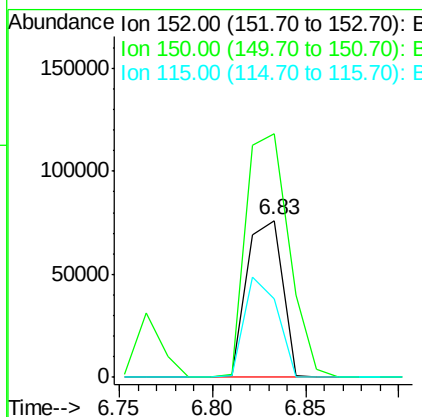
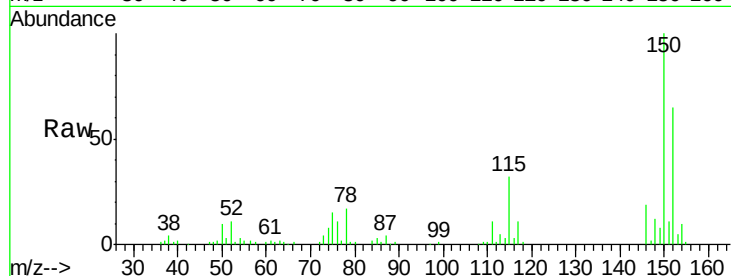
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.8	185.6
115	49.9	39.6	59.4

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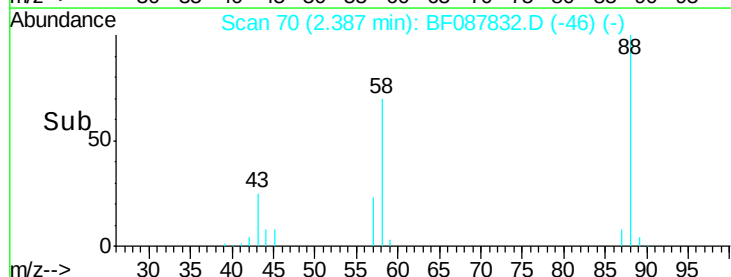
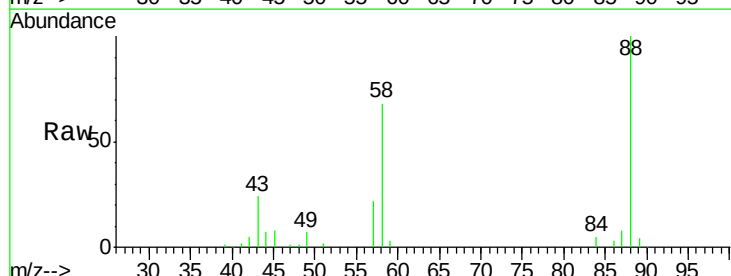
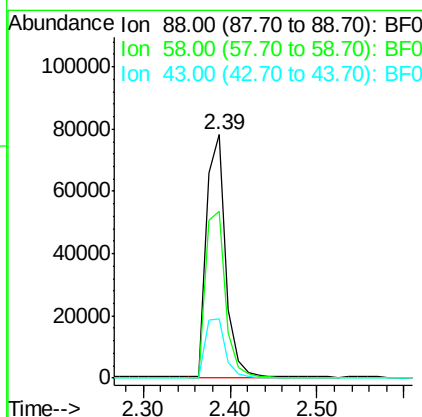
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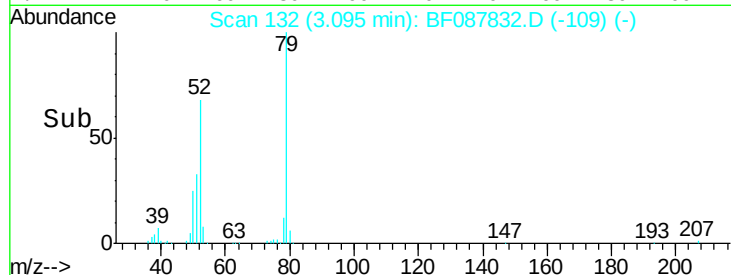
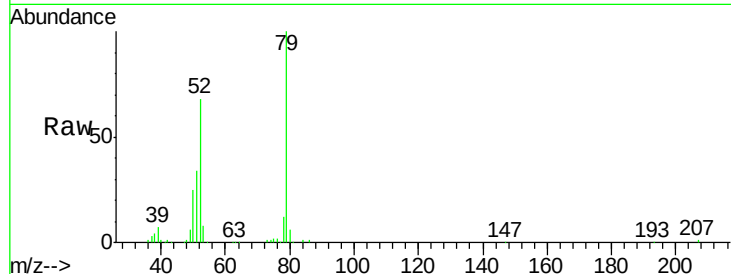
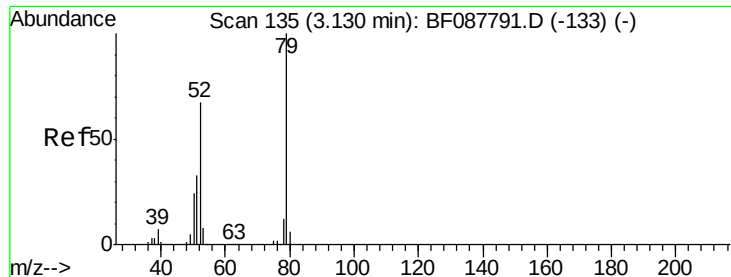


#2

1,4-Dioxane
Concen: 41.75 ng
RT: 2.39 min Scan# 70
Delta R.T. -0.02 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	0.0	0.0#
43	25.5	3.4	5.2#





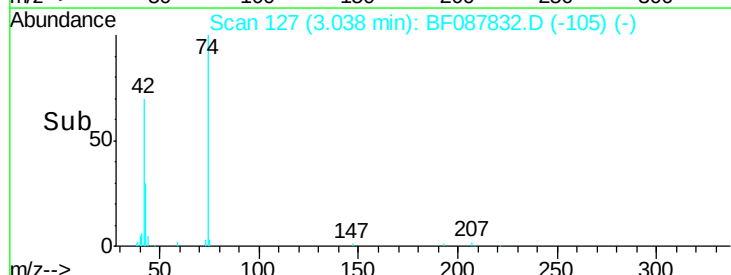
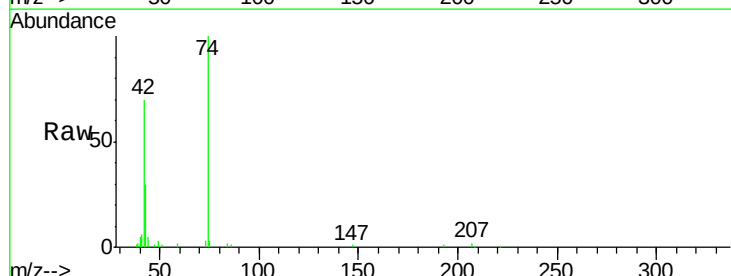
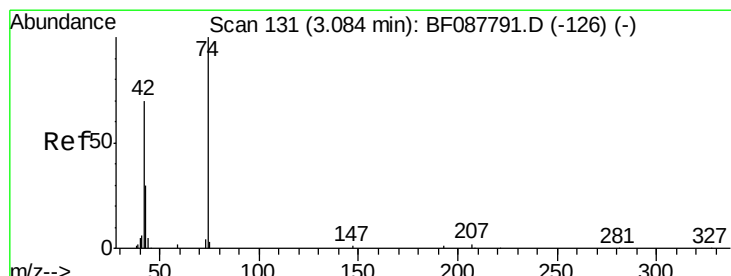
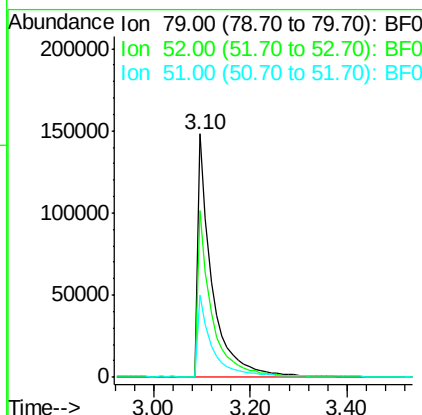
#3
 Pvridine
 Concen: 45.94 ng
 RT: 3.10 min Scan# 132
 Delta R.T. -0.03 min
 Lab File: BF087832.D
 Acq: 9 Jun 2016 4:13

Tot Ion:	79	Resp:	310972
Ion Ratio	Lower	Upper	
79	100		
52	68.3	56.3	84.5
51	33.6	27.4	41.2

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

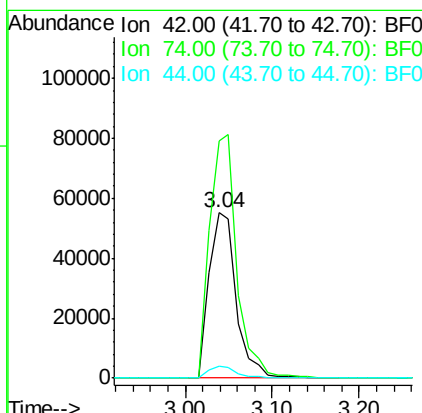
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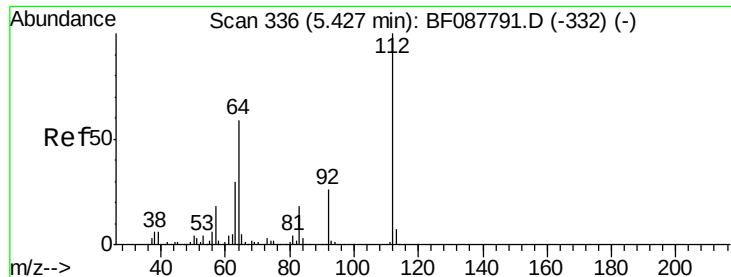
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#4
 n-Nitrosodimethylamine
 Concen: 41.78 ng
 RT: 3.04 min Scan# 127
 Delta R.T. -0.05 min
 Lab File: BF087832.D
 Acq: 9 Jun 2016 4:13

Tgt Ion:	42	Resp:	119775
Ion Ratio	Lower	Upper	
42	100		
74	143.7	108.6	163.0
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 83.06 ng

RT: 5.42 min Scan# 335

Delta R.T. -0.01 min

Lab File: BF087832.D

Acq: 9 Jun 2016 4:13

Instrument :

BNA_F

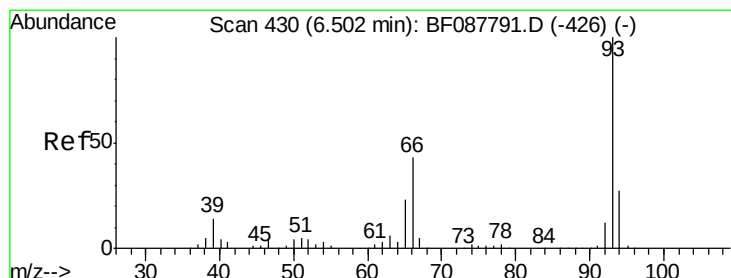
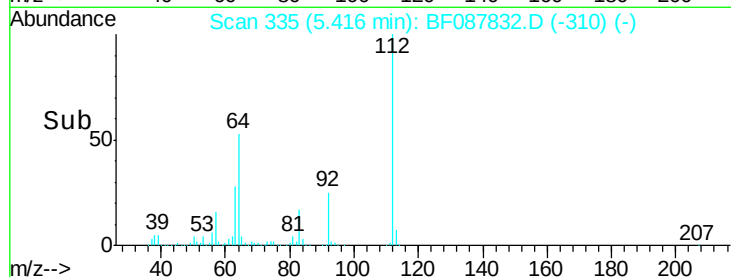
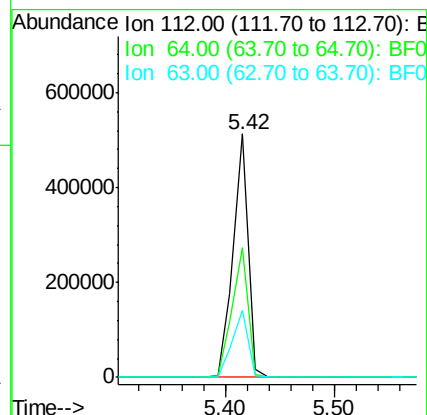
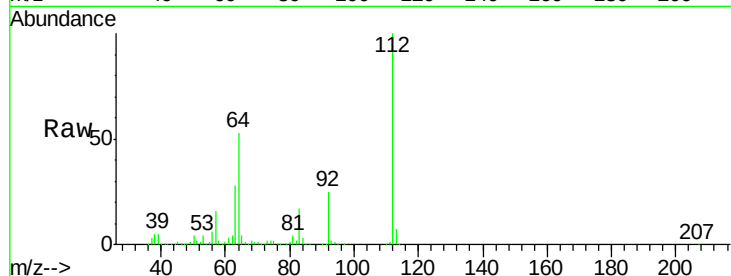
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		490029		
64	53.5	42.2	63.2		
63	27.7	21.8	32.8		

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#6

Aniline

Concen: 40.55 ng

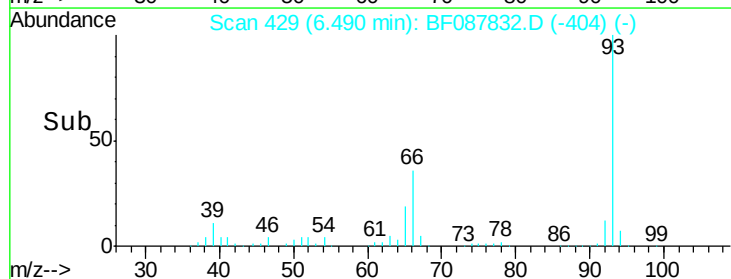
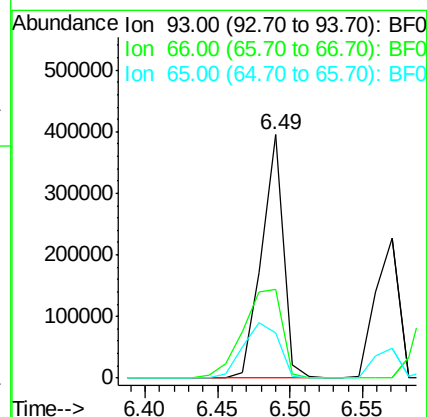
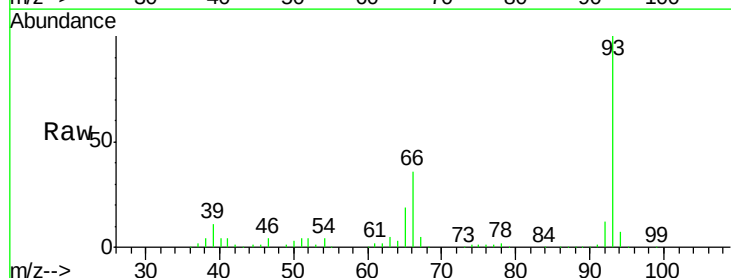
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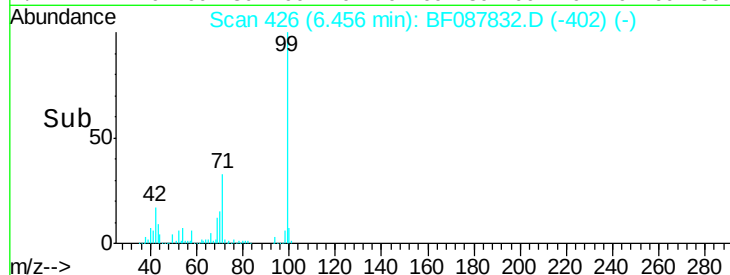
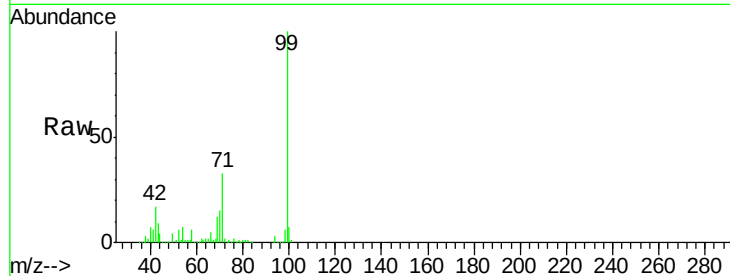
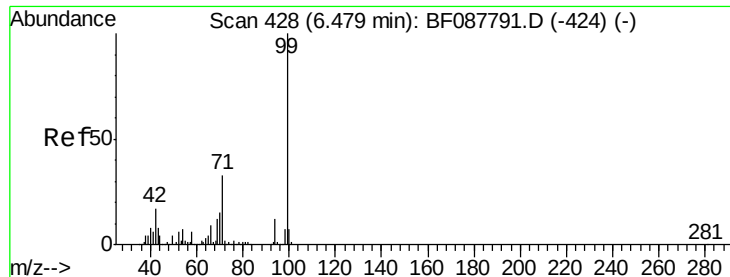
Delta R.T. -0.01 min

Lab File: BF087832.D

Acq: 9 Jun 2016 4:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		412665		
66	36.5	29.8	44.8		
65	18.7	14.9	22.3		





#7

Phenol-d6

Concen: 82.21 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF087832.D

Acq: 9 Jun 2016 4:13

Tot Ion:	99	Resp:	587804
Ion Ratio	Lower	Upper	
99	100		
42	17.3	12.2	18.2
71	32.6	23.4	35.0

Instrument :

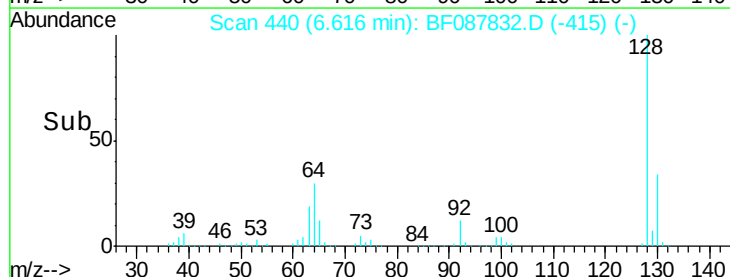
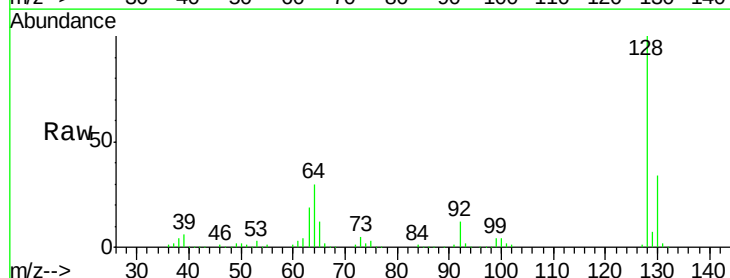
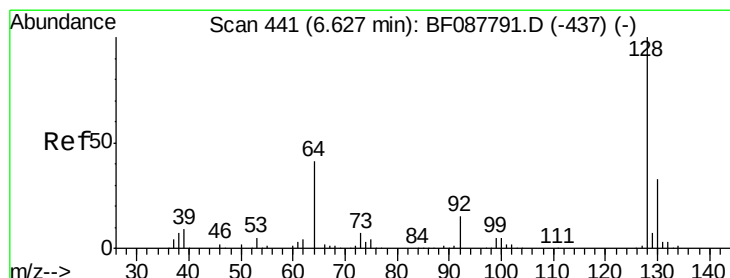
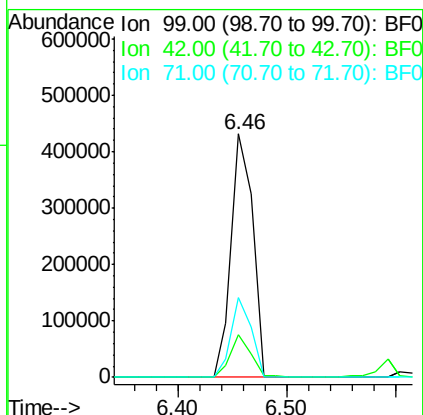
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#8

2-Chlorophenol

Concen: 37.64 ng

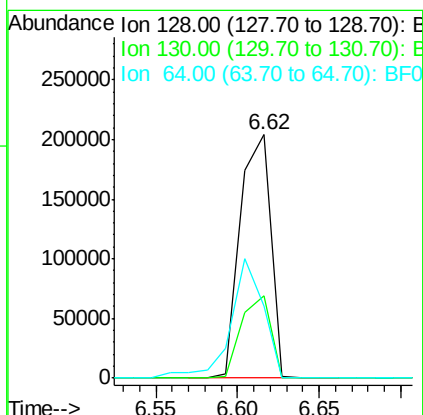
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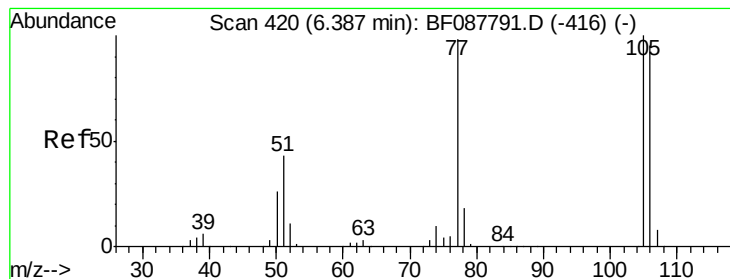
Delta R.T. -0.01 min

Lab File: BF087832.D

Acq: 9 Jun 2016 4:13

Tgt Ion:	128	Resp:	262865
Ion Ratio	Lower	Upper	
128	100		
130	33.9	12.0	52.0
64	29.7	30.8	70.8





#9

Benzaldehyde

Concen: 44.08 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF087832.D

Acq: 9 Jun 2016 4:13

Instrument :

BNA_F

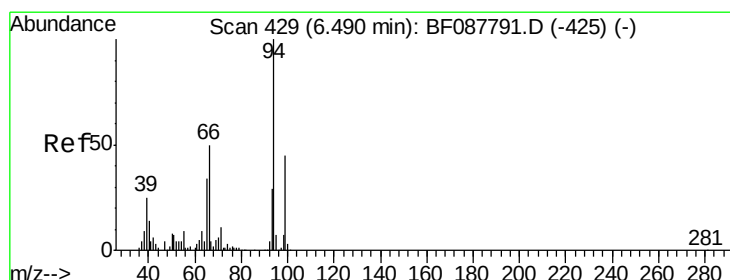
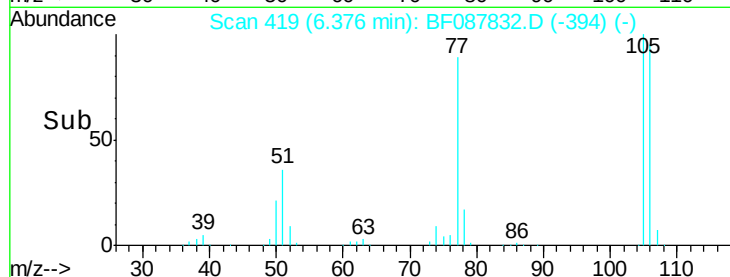
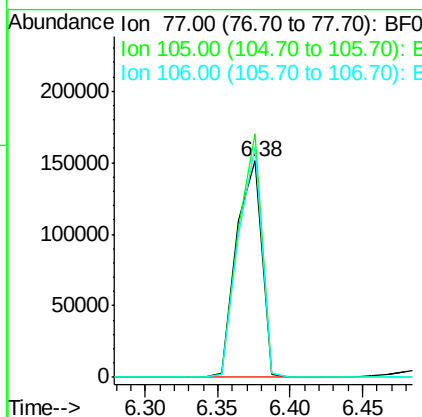
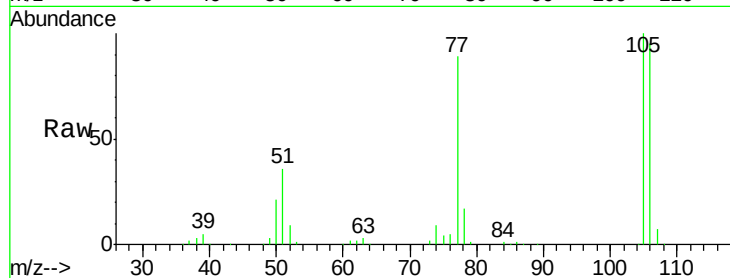
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	183230
Ion	Ratio	Lower	Upper
77	100		
105	112.5	90.6	130.6
106	106.7	85.3	125.3

Manual Integrations
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#10

Phenol

Concen: 43.91 ng

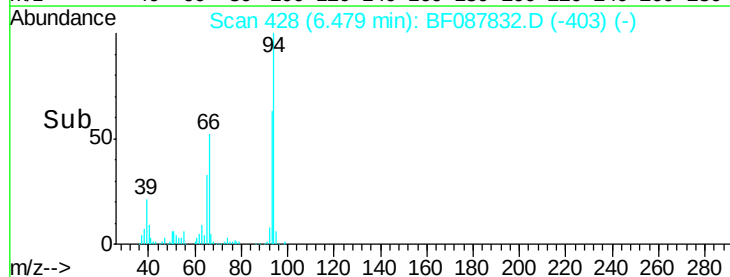
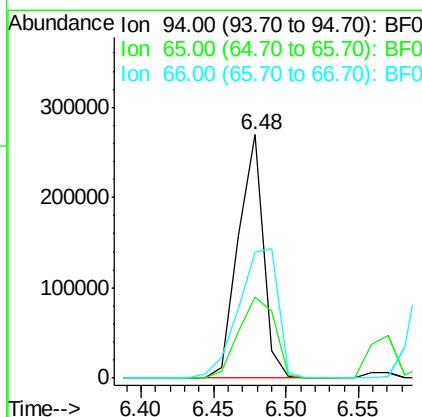
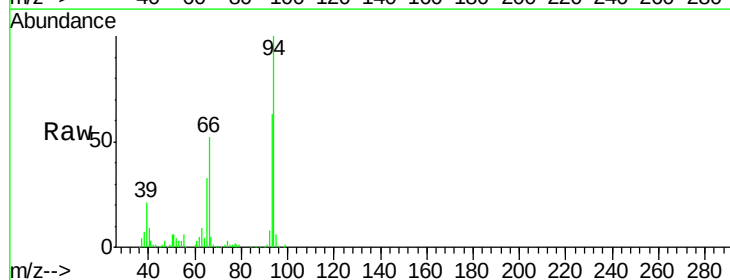
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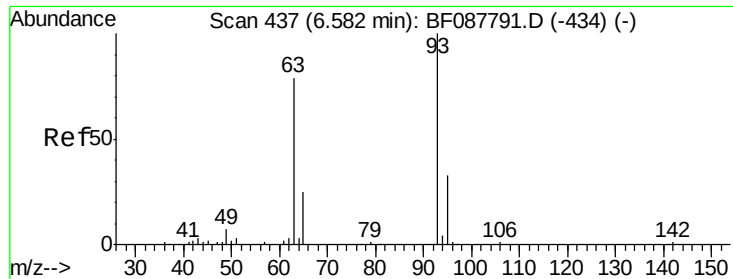
Delta R.T. -0.01 min

Lab File: BF087832.D

Acq: 9 Jun 2016 4:13

Tgt Ion:	94	Resp:	324578
Ion	Ratio	Lower	Upper
94	100		
65	33.4	5.9	45.9
66	51.6	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 40.32 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.01 min

Lab File: BF087832.D

Acq: 9 Jun 2016 4:13

Instrument :

BNA_F

ClientSampleId :

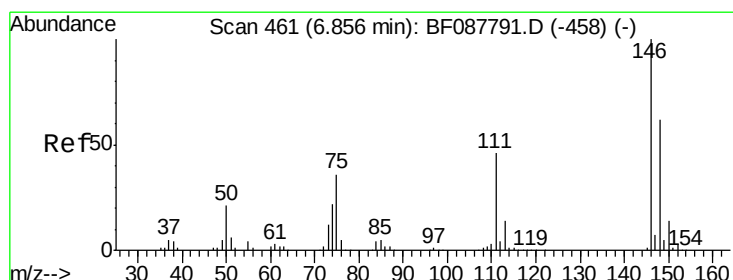
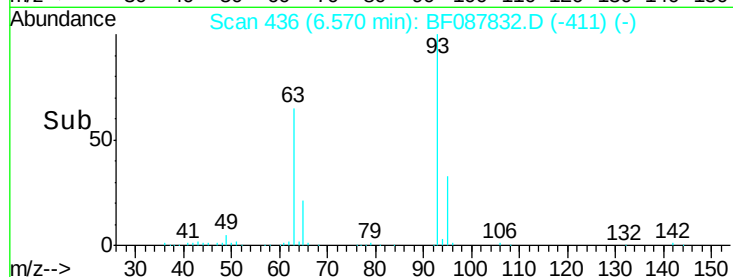
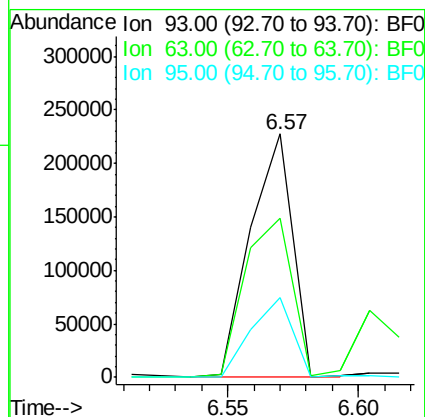
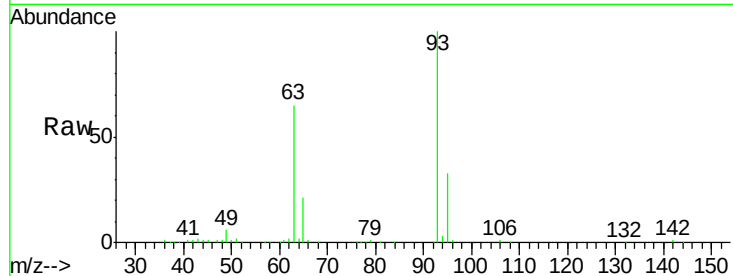
SSTDCCC040

Tot Ion: 93 Resp: 252780

Ion	Ratio	Lower	Upper
93	100		
63	65.3	67.6	107.6#
95	32.9	12.5	52.5

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#12

1,3-Dichlorobenzene

Concen: 37.26 ng

RT: 6.76 min Scan# 453

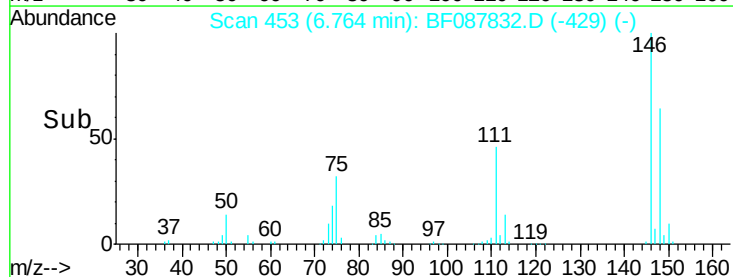
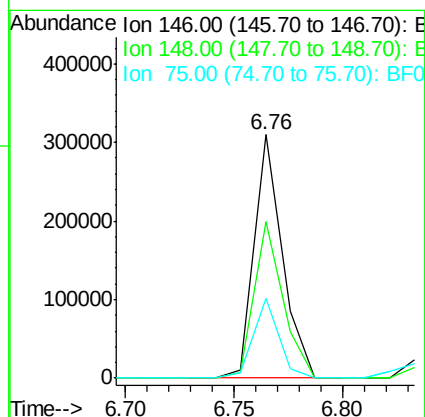
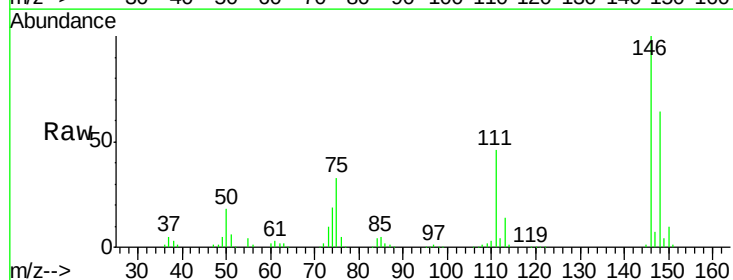
Delta R.T. -0.02 min

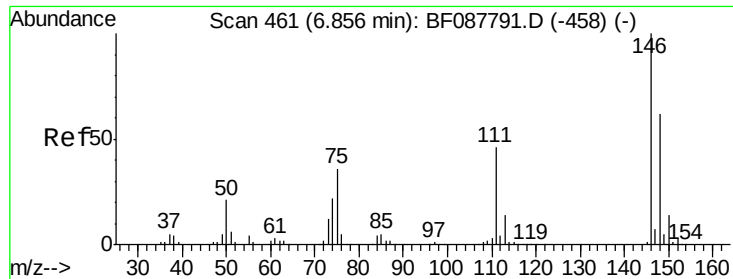
Lab File: BF087832.D

Acq: 9 Jun 2016 4:13

Tgt Ion: 146 Resp: 279199

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.9	76.3
75	32.7	25.6	38.4





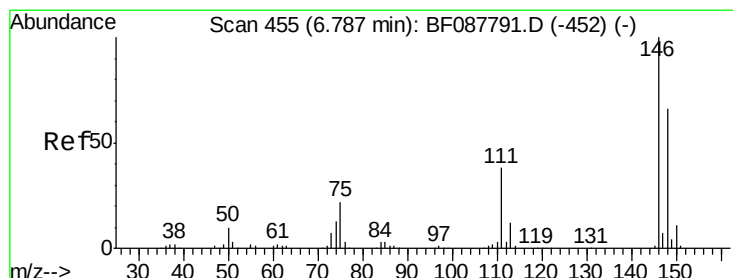
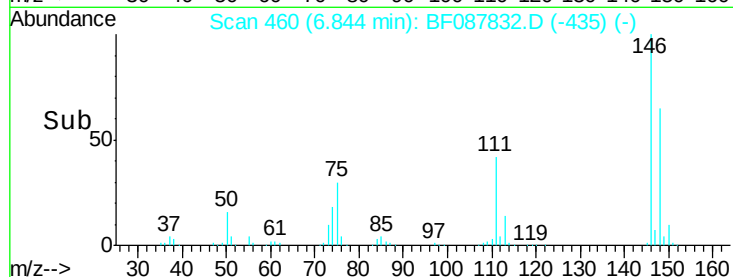
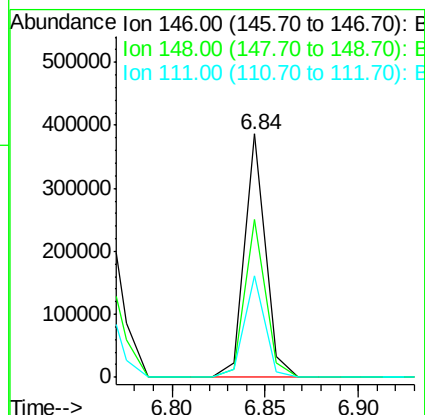
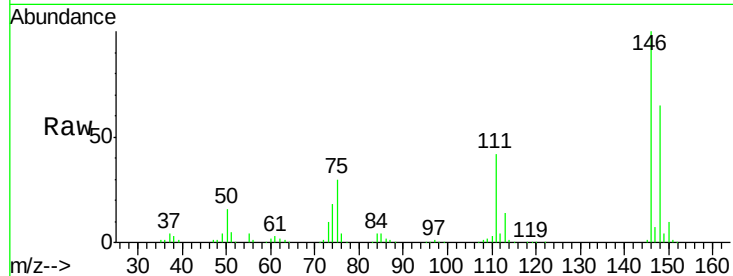
#13
1,4-Dichlorobenzene
Concen: 40.13 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.0	78.0
111	41.8	33.8	50.8

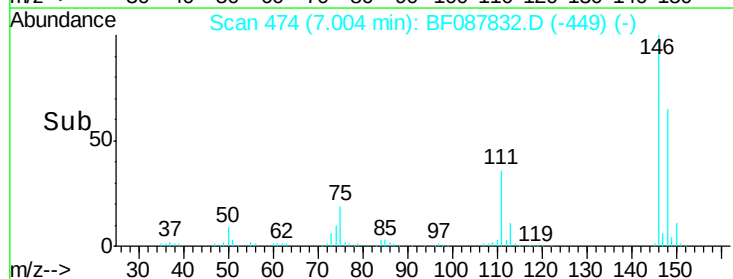
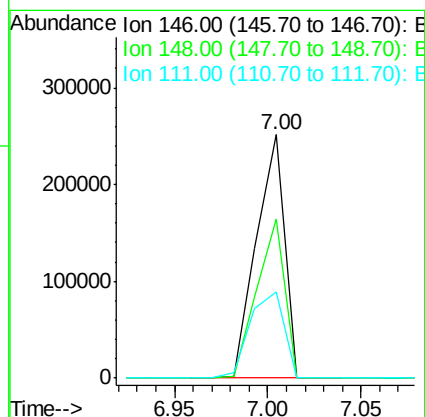
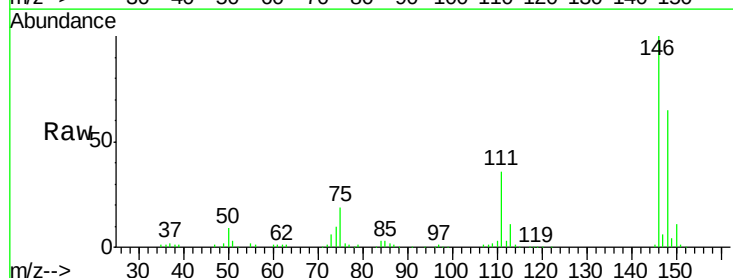
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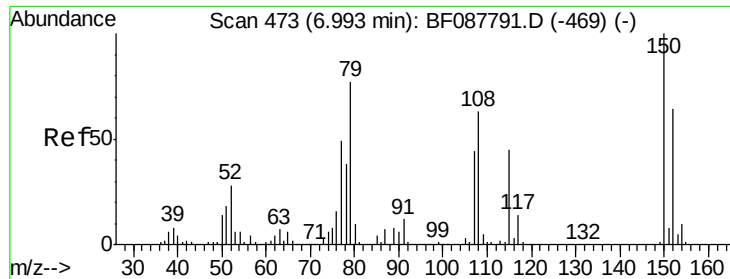
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#14
1,2-Dichlorobenzene
Concen: 38.73 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.3	78.5
111	35.6	28.7	43.1





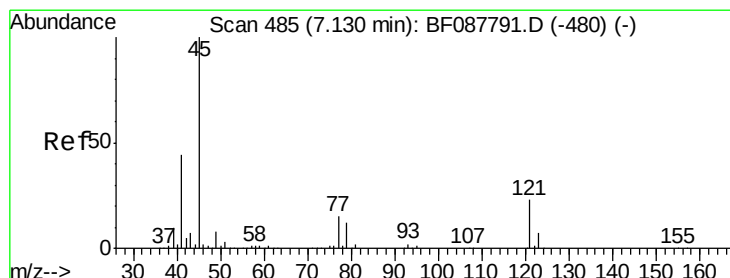
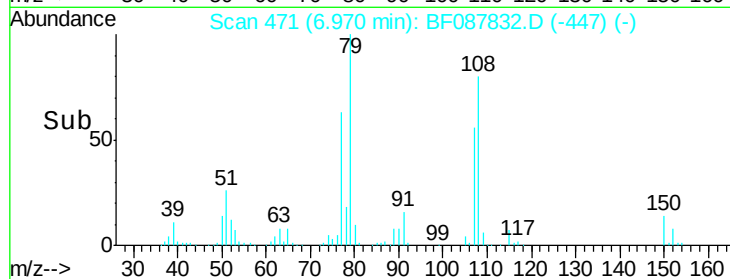
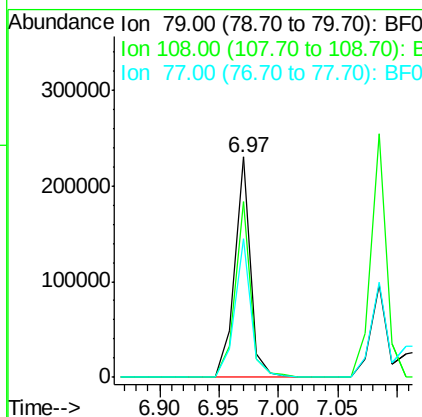
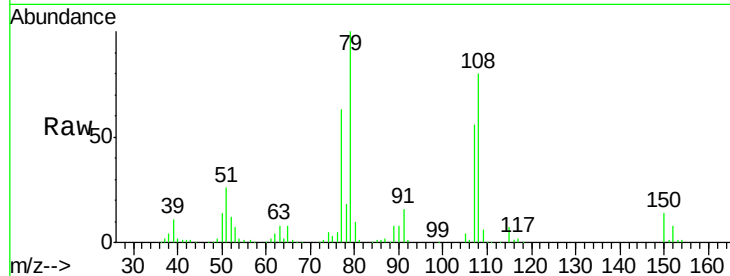
#15
Benzyl Alcohol
Concen: 38.19 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.8	65.0	97.6
77	62.9	50.3	75.5

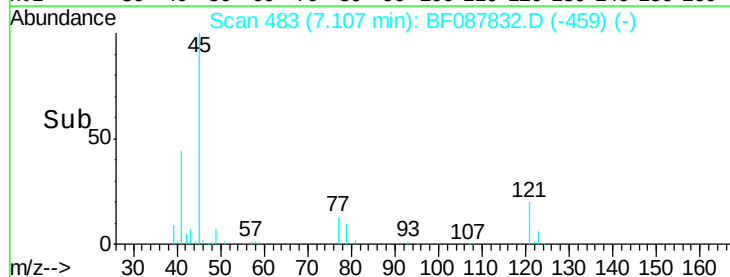
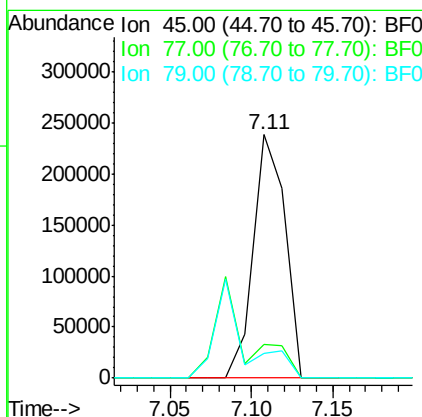
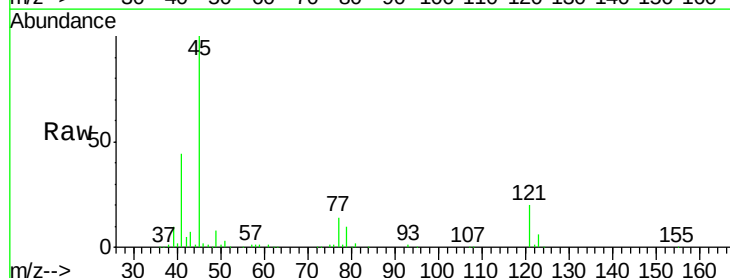
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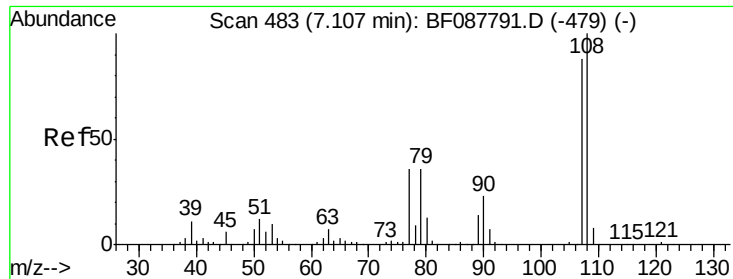
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.04 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	32.5
79	10.3	0.0	29.5





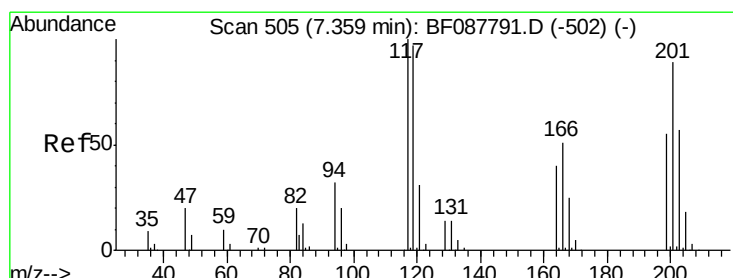
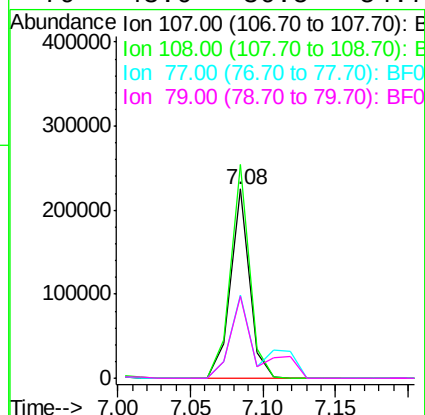
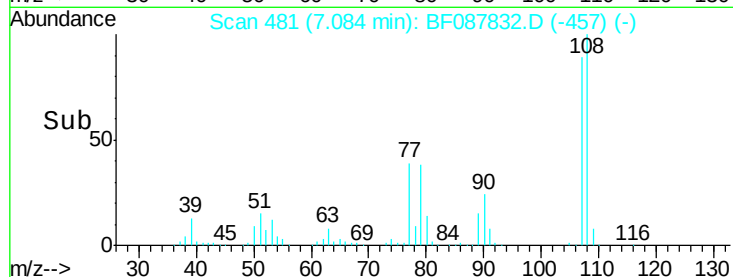
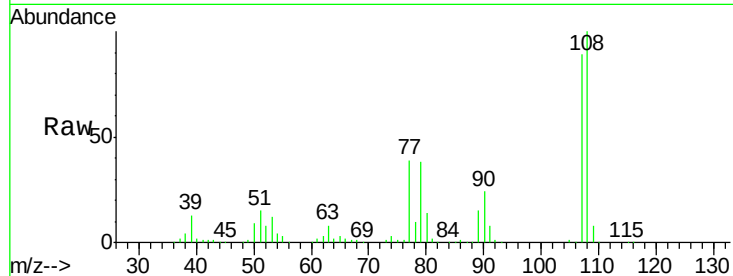
#17
2-Methylphenol
Concen: 36.23 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	90.9	136.3	
77	44.0	36.6	55.0	
79	43.0	36.5	54.7	

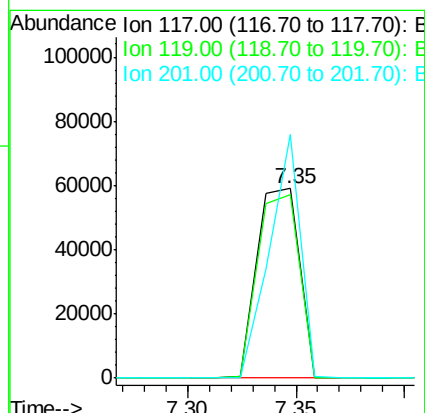
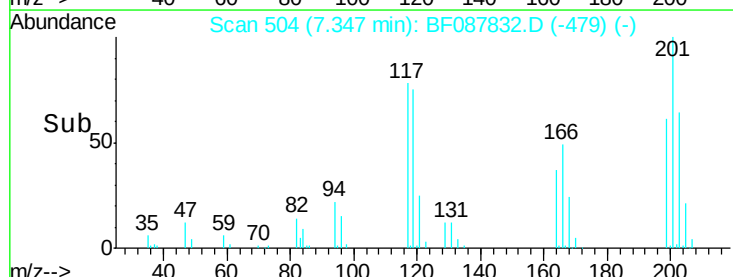
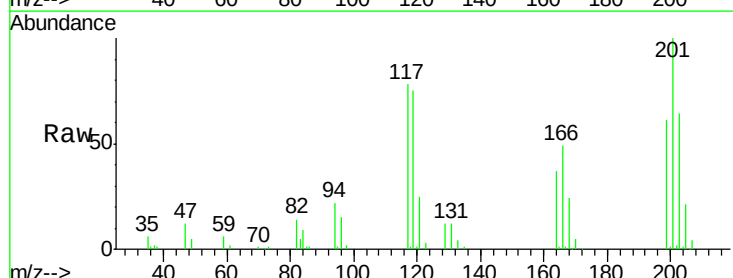
Manual Integrations
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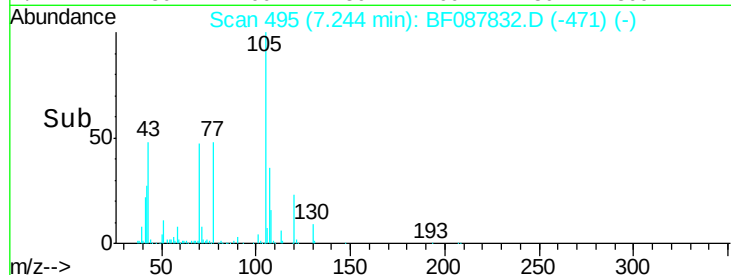
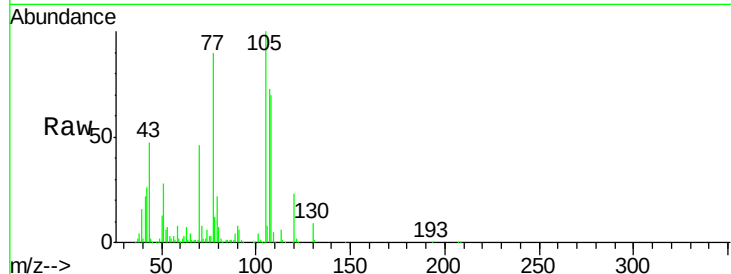
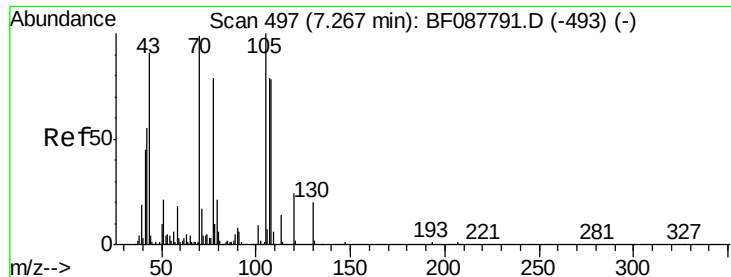
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#18
Hexachloroethane
Concen: 30.03 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	77.4	116.2	
201	128.3	80.4	120.6	





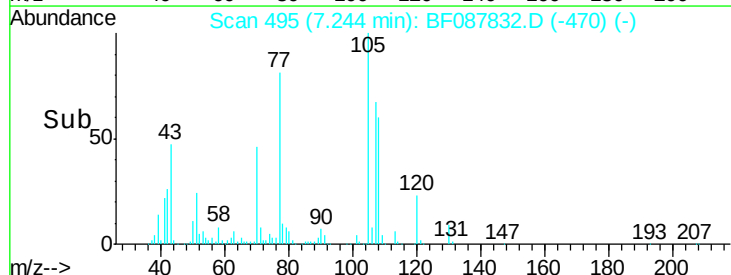
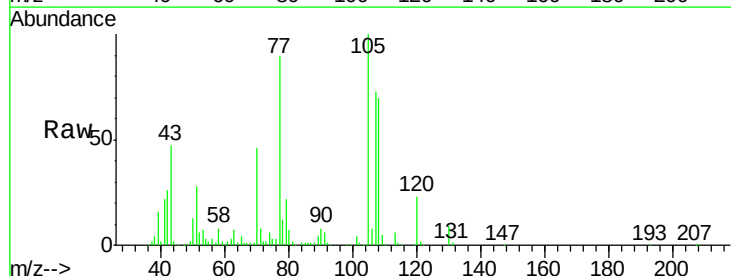
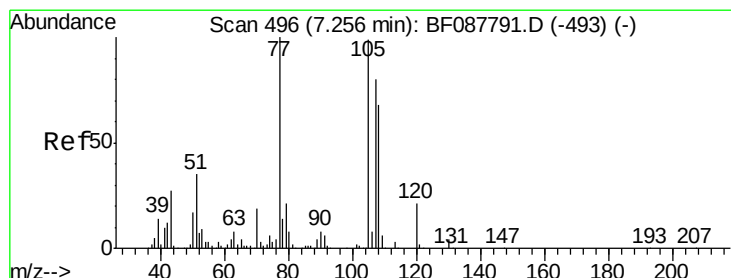
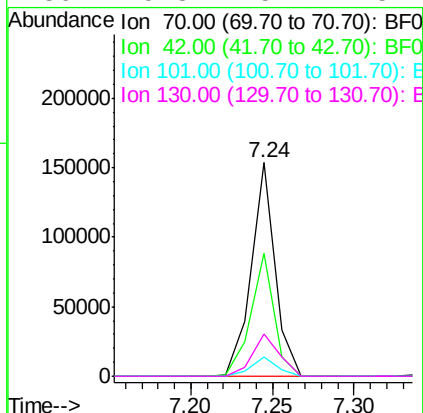
#19
n-Nitroso-di-n-propylamine
Concen: 34.14 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.02 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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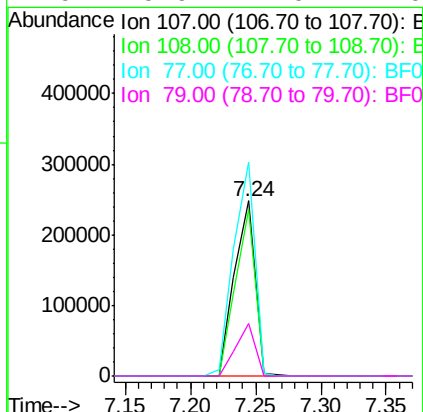
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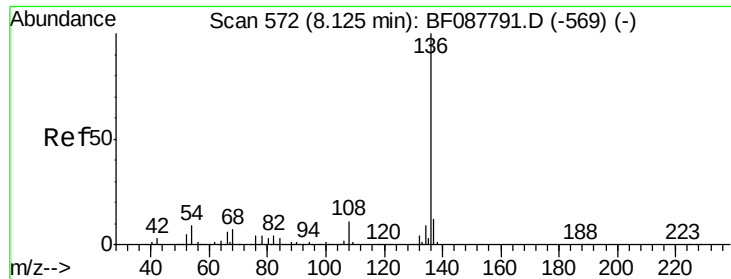
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	57.8	49.6	74.4		
101	9.1	7.1	10.7		
130	19.8	15.4	23.2		



#20
3+4-Methylphenols
Concen: 40.86 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	95.1	67.8	107.8		
77	122.2	59.3	99.3#		
79	29.9	7.0	47.0		





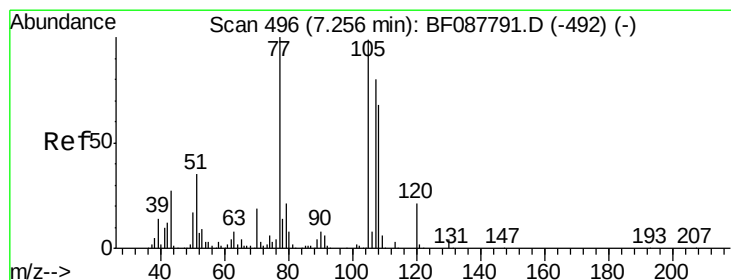
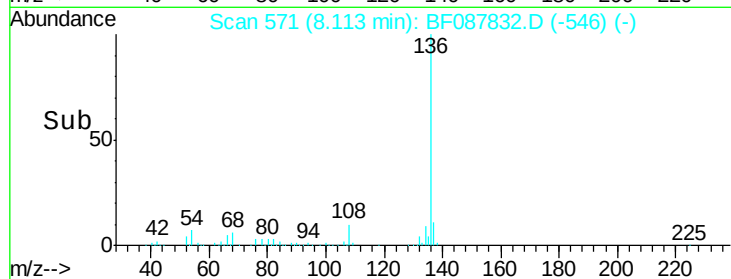
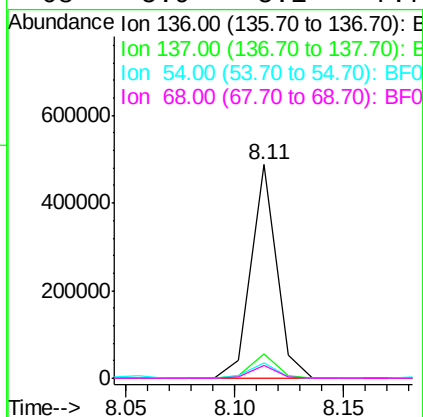
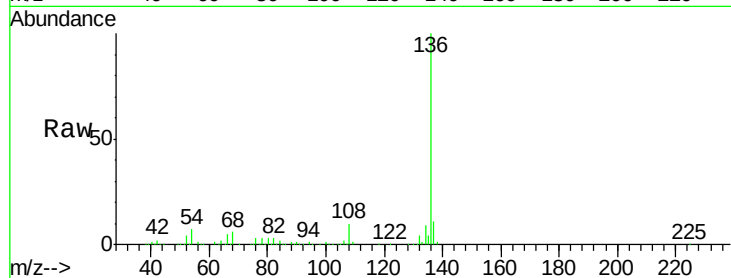
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		398727		
137	11.1		9.1	13.7	
54	7.5		6.6	10.0	
68	5.9		5.1	7.7	

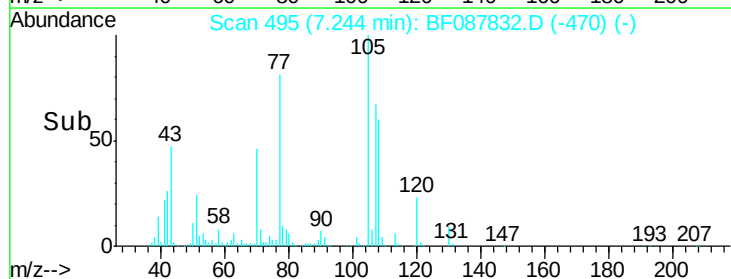
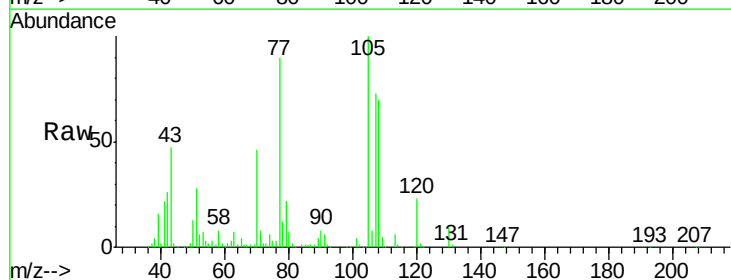
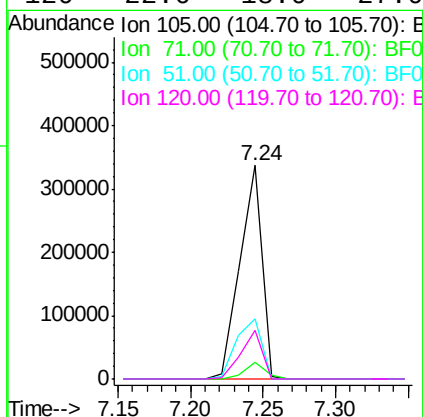
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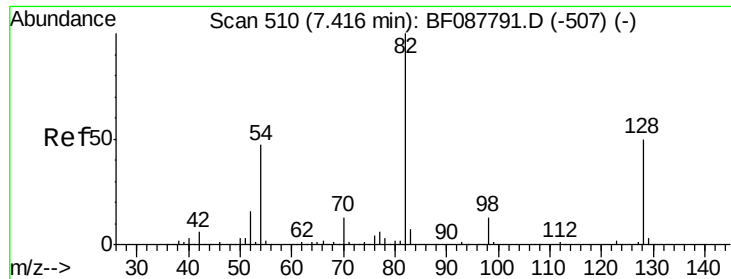
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#22
Acetophenone
Concen: 40.05 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		356875		
71	7.8		5.3	7.9	
51	28.1		18.2	27.4	
120	22.6		18.0	27.0	





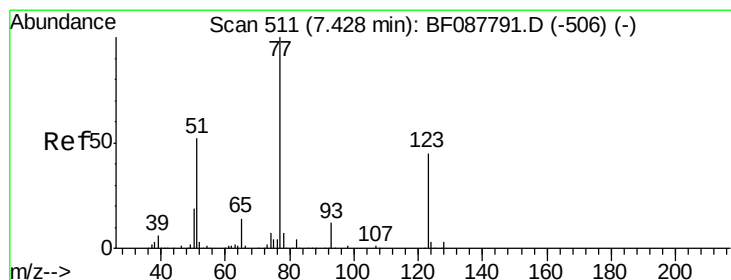
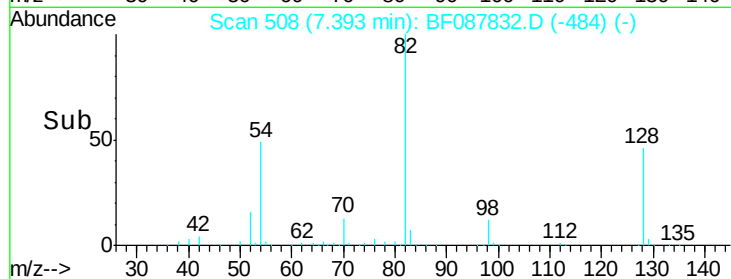
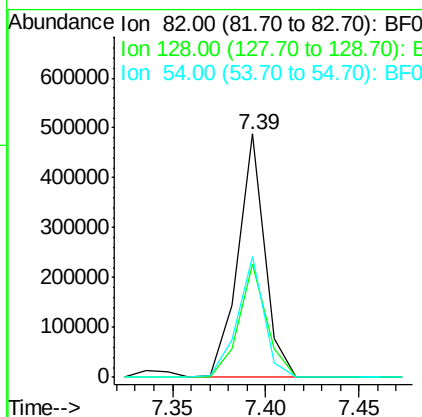
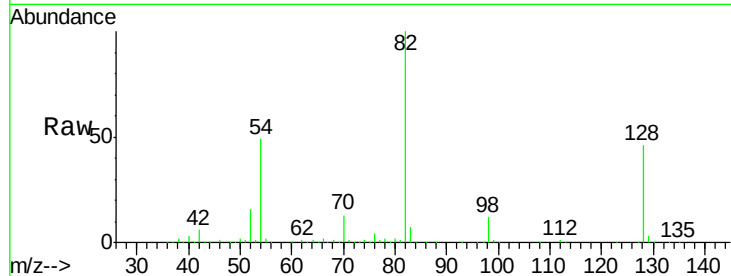
#23
Nitrobenzene-d5
Concen: 71.96 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	491336
Ion Ratio	100	Lower	Upper
82	100		
128	46.2	35.9	53.9
54	49.3	40.9	61.3

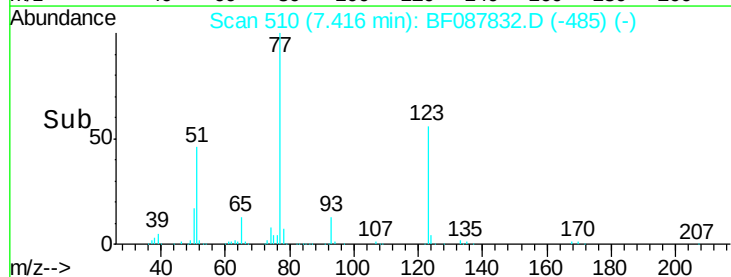
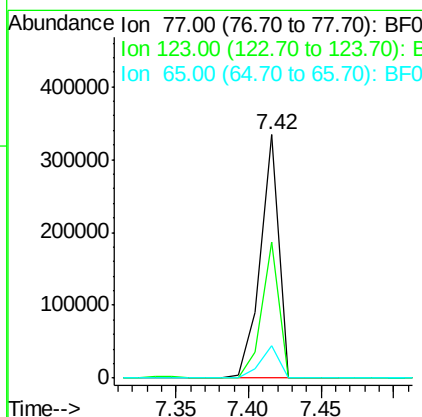
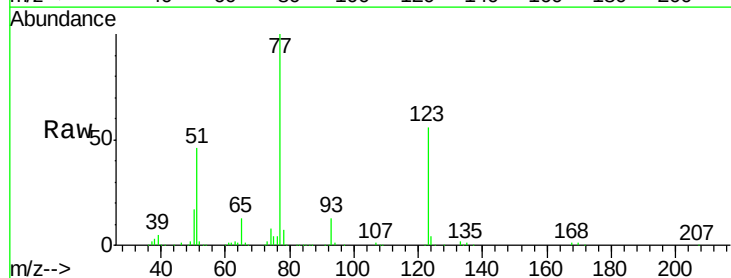
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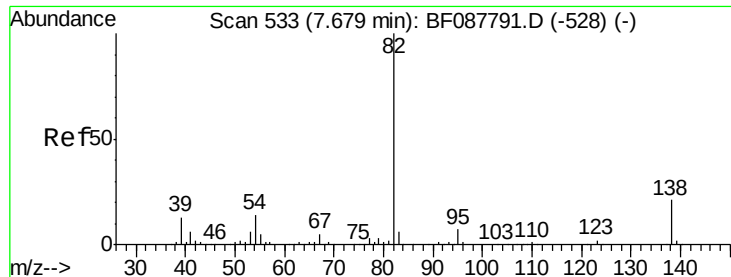
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#24
Nitrobenzene
Concen: 44.64 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Tgt Ion	77	Resp	295245
Ion Ratio	100	Lower	Upper
77	100		
123	55.9	45.0	67.4
65	13.1	10.2	15.2





#25

Isophorone

Concen: 38.83 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF087832.D

Acq: 9 Jun 2016 4:13

Instrument :

BNA_F

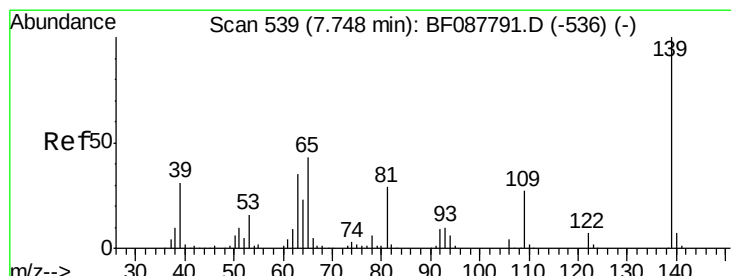
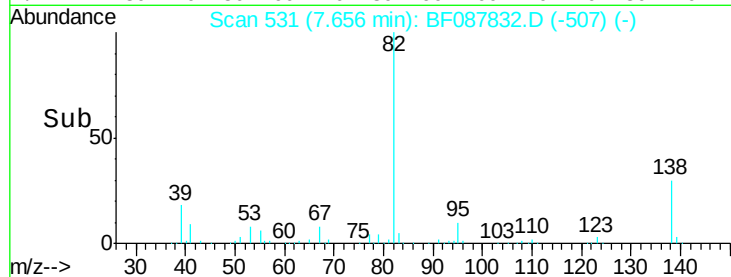
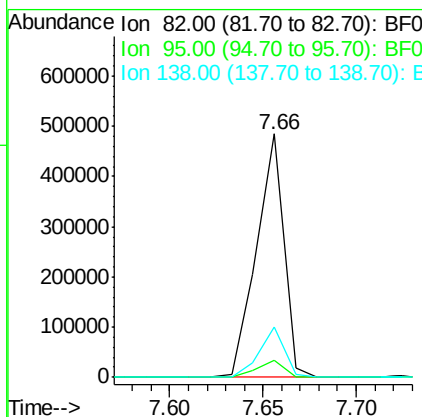
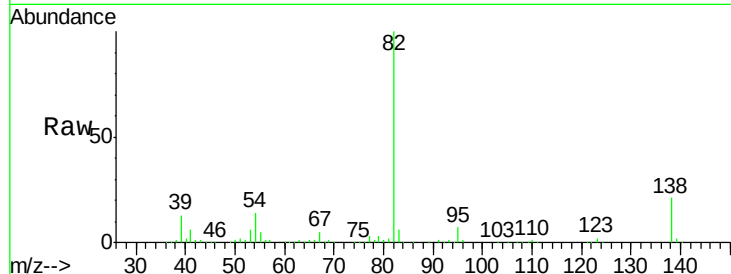
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	491159
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	20.9	14.6	21.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 32.31 ng

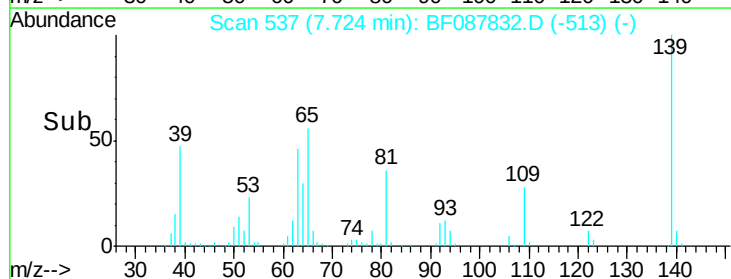
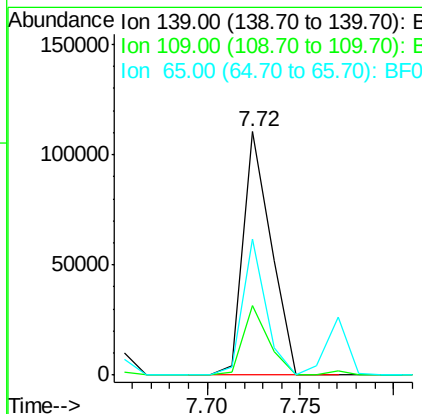
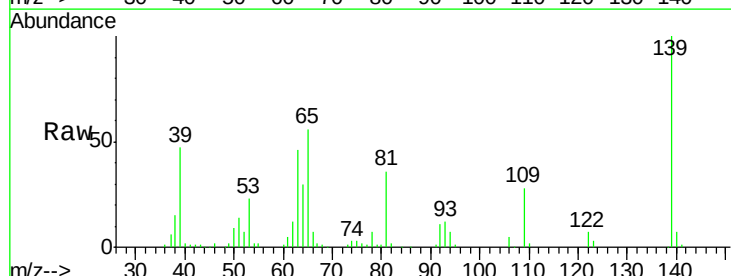
RT: 7.72 min Scan# 537

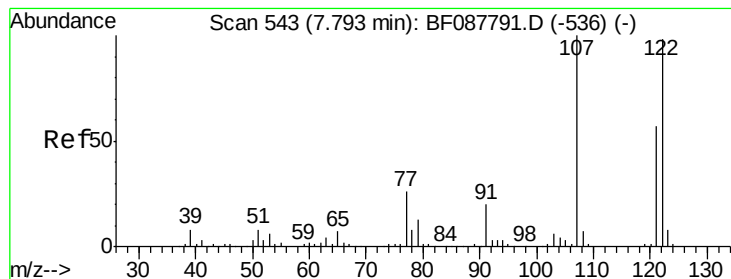
Delta R.T. -0.02 min

Lab File: BF087832.D

Acq: 9 Jun 2016 4:13

Tgt Ion:	139	Resp:	114486
Ion Ratio	Lower	Upper	
139	100		
109	28.4	23.0	34.4
65	56.1	45.8	68.8





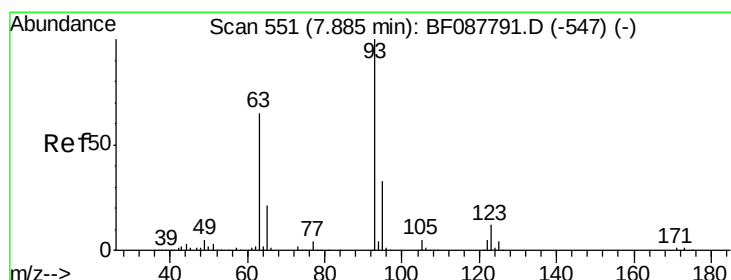
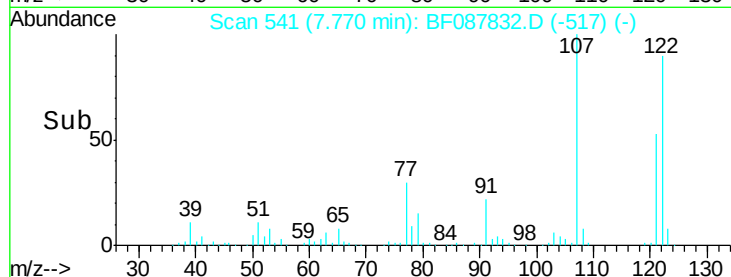
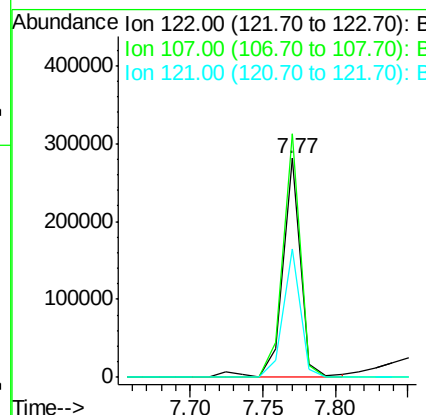
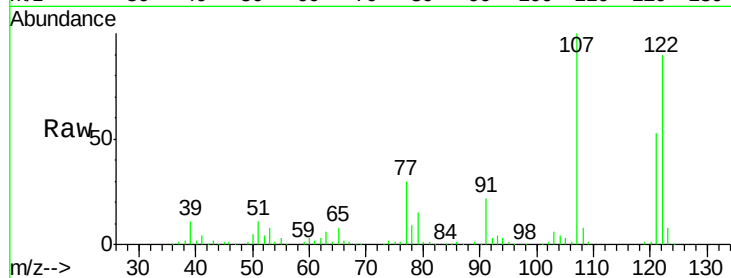
#27
 2,4-Dimethylphenol
 Concen: 36.90 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.02 min
 Lab File: BF087832.D
 Acq: 9 Jun 2016 4:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
240726	122	100			
	107	111.2	82.4	123.6	
	121	58.4	46.3	69.5	

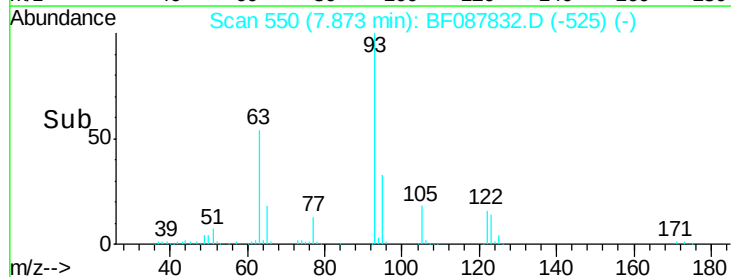
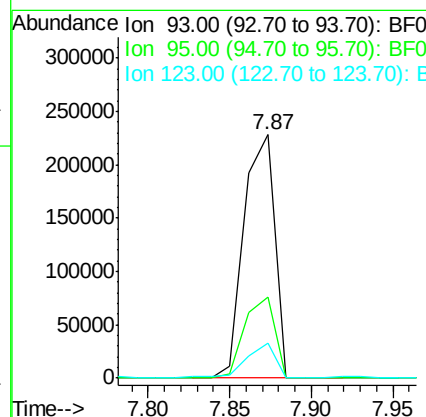
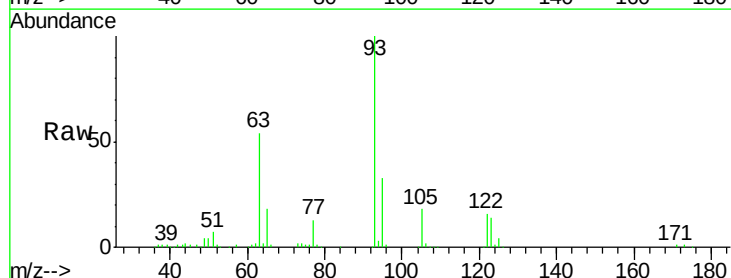
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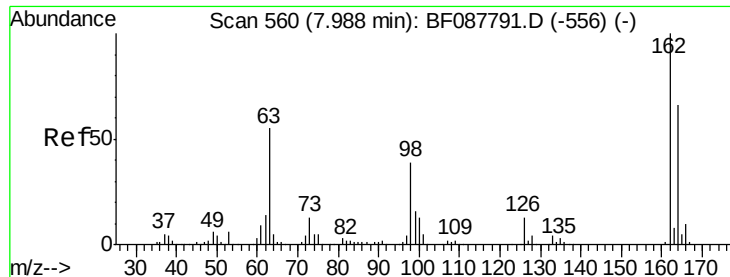
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#28
 bis(2-Chloroethoxy)methane
 Concen: 37.77 ng
 RT: 7.87 min Scan# 550
 Delta R.T. -0.01 min
 Lab File: BF087832.D
 Acq: 9 Jun 2016 4:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
296289	93	100			
	95	33.4	26.5	39.7	
	123	14.2	11.6	17.4	





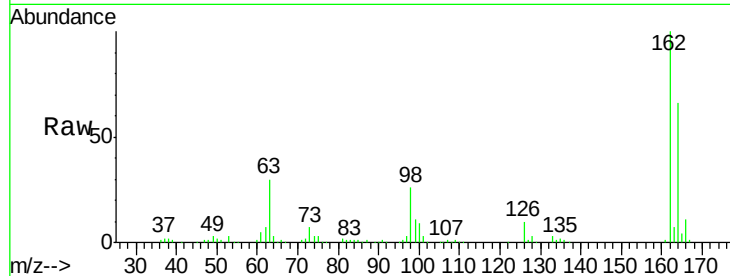
#29
2,4-Dichlorophenol
Concen: 38.32 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

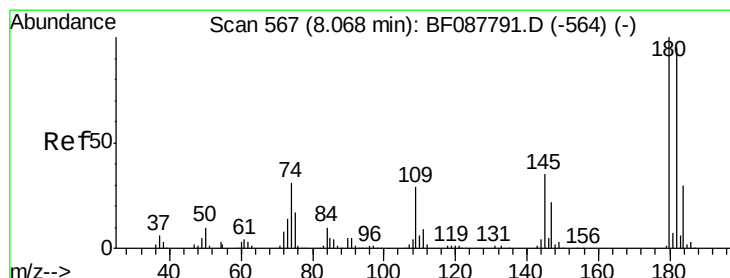
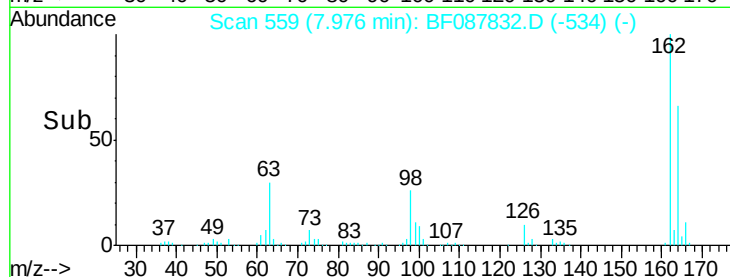
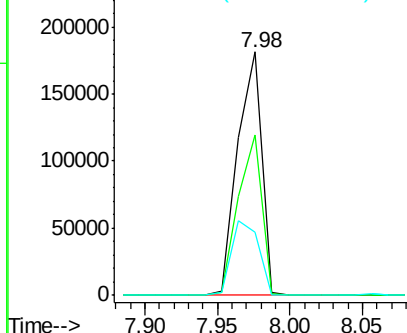
Tot Ion	Ion	Ratio	Resp Lower	Upper
162	100			
164	65.8	43.8	83.8	
98	25.7	21.3	61.3	

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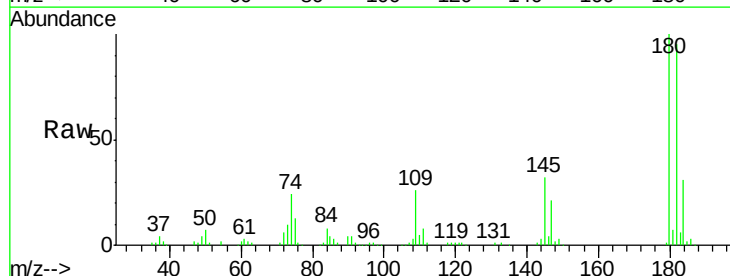


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

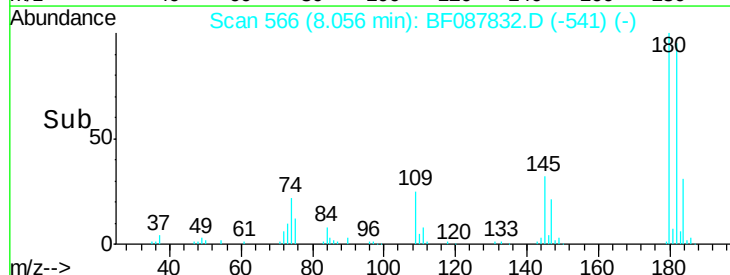
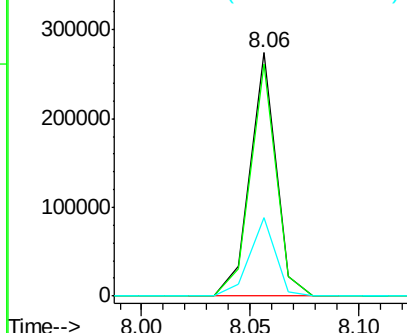


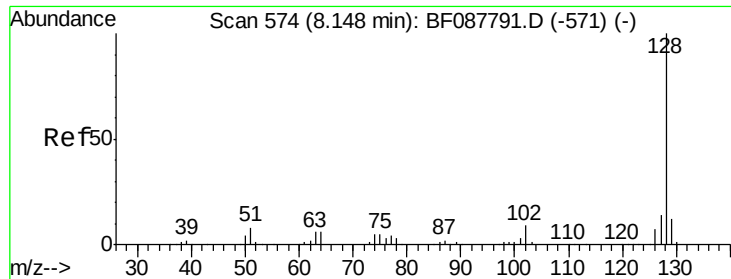
#30
1,2,4-Trichlorobenzene
Concen: 38.18 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Tgt Ion	Ion	Ratio	Resp Lower	Upper
180	100			
182	95.1	76.0	114.0	
145	32.2	26.5	39.7	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





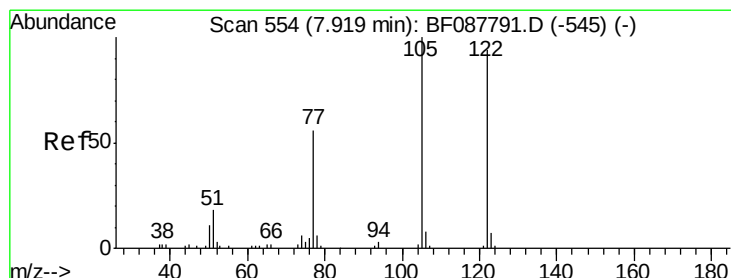
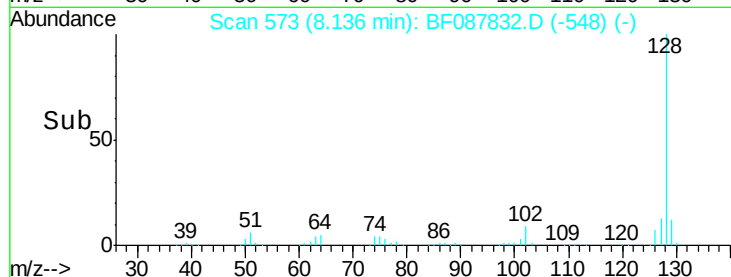
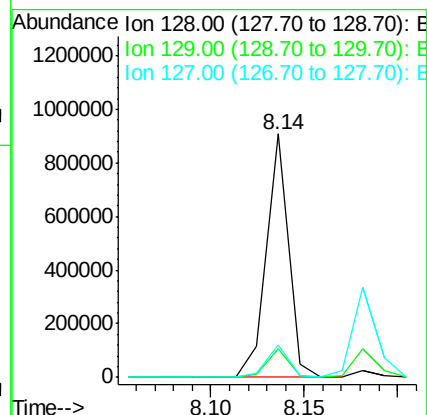
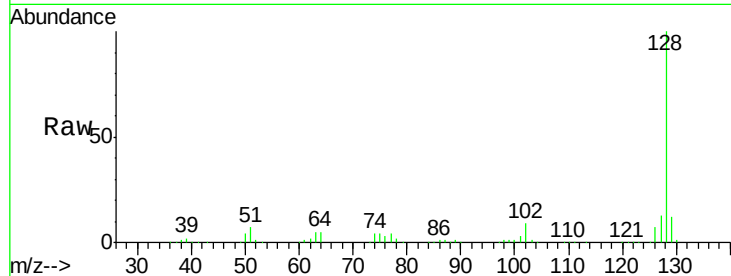
#31
Naphthalene
Concen: 37.43 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
128	100	738475		
129	11.5		9.4	14.2
127	13.4		10.9	16.3

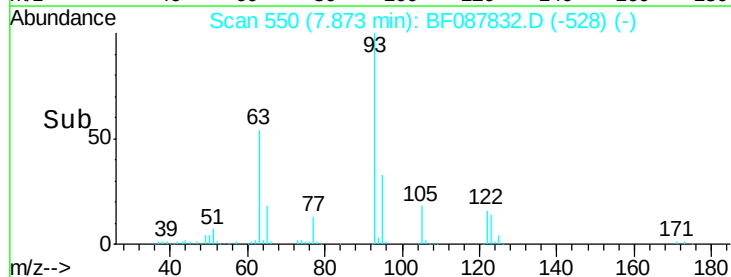
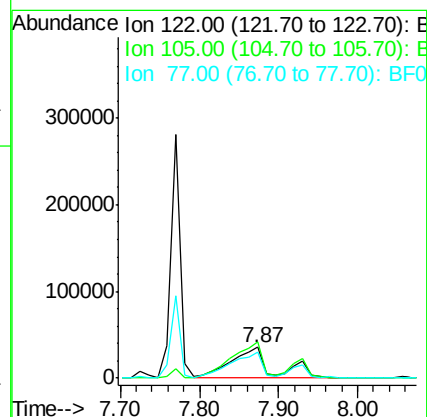
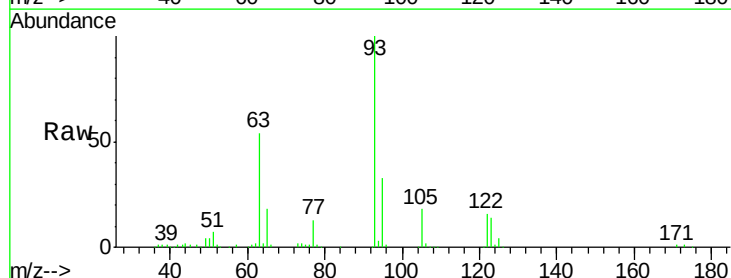
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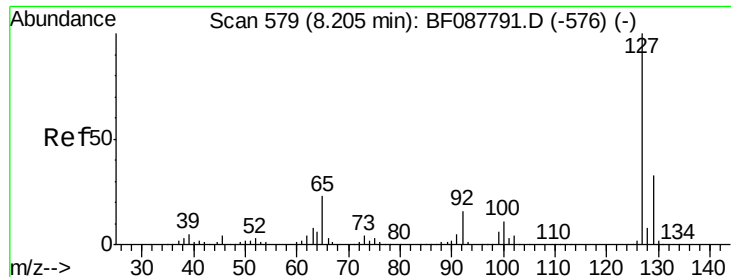
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#32
Benzoic acid
Concen: 35.29 ng m
RT: 7.87 min Scan# 550
Delta R.T. -0.05 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	126761		
105	117.3		101.6	141.6
77	84.2		70.6	110.6





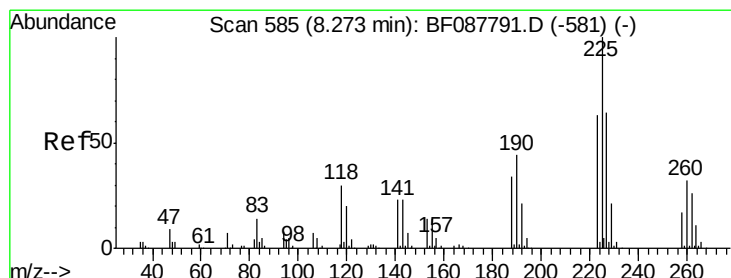
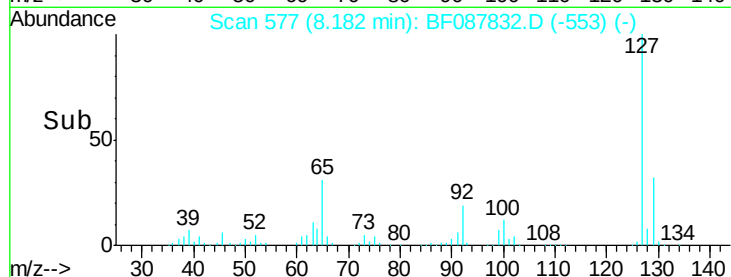
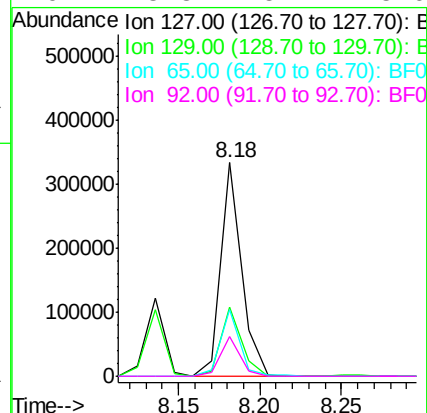
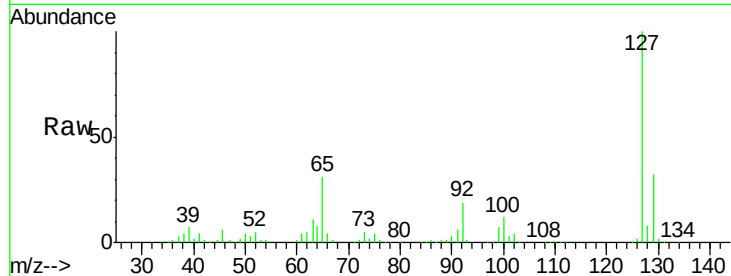
#33
4-Chloroaniline
Concen: 33.73 ng
RT: 8.18 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.3	39.5		
65	31.0	24.7	37.1		
92	18.8	15.4	23.0		

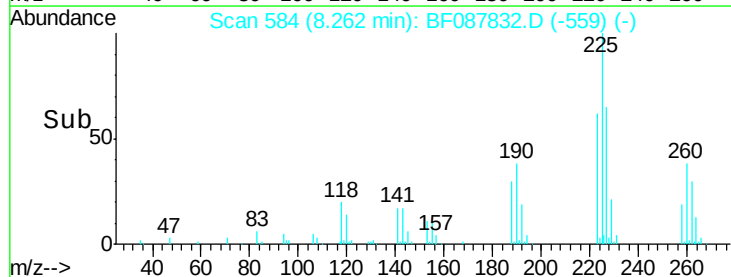
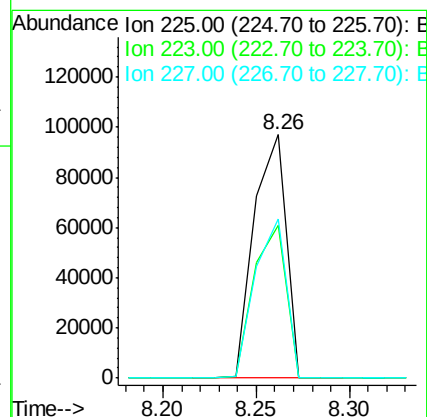
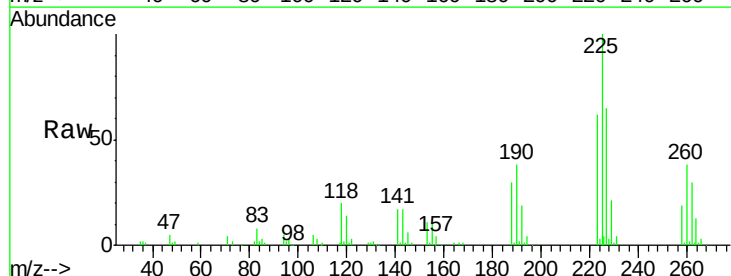
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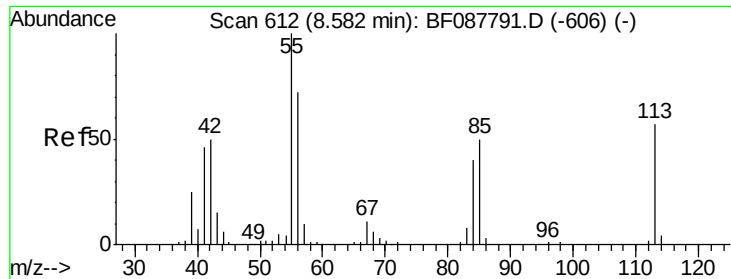
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#34
Hexachlorobutadiene
Concen: 37.47 ng
RT: 8.26 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	50.9	76.3		
227	65.4	51.9	77.9		





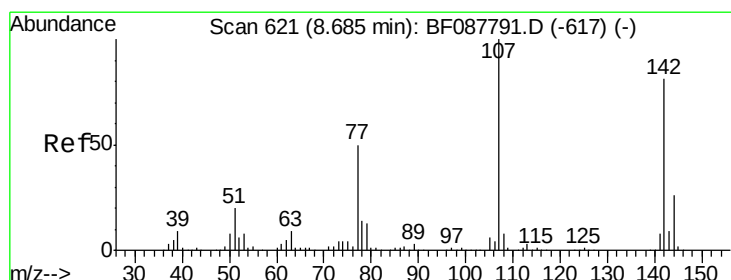
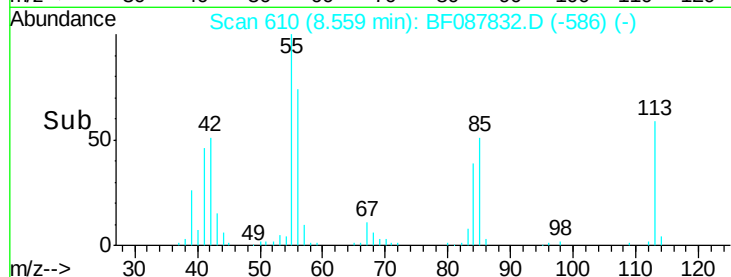
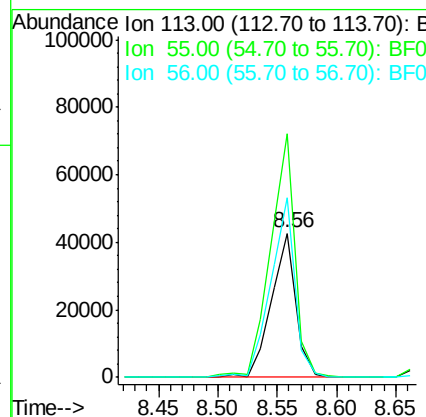
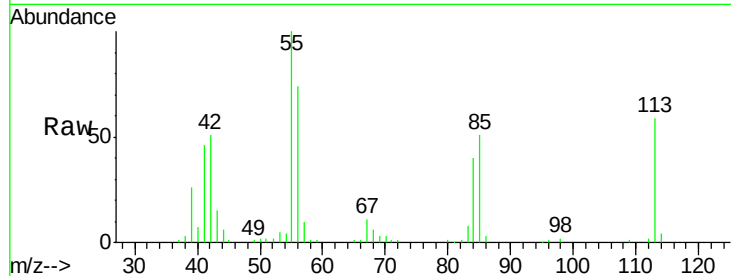
#35
Caprolactam
Concen: 33.92 ng
RT: 8.56 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 61198
Ion Ratio Lower Upper
113 100
55 168.7 158.6 198.6
56 124.1 110.6 150.6

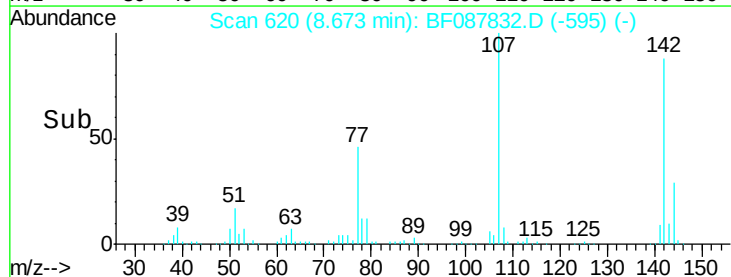
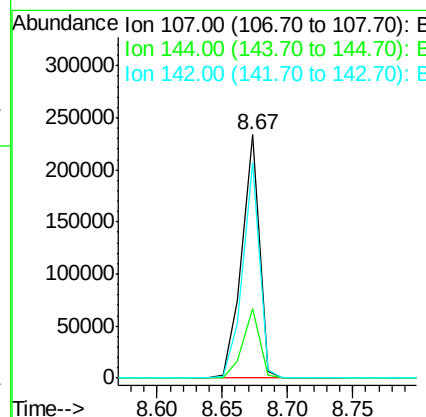
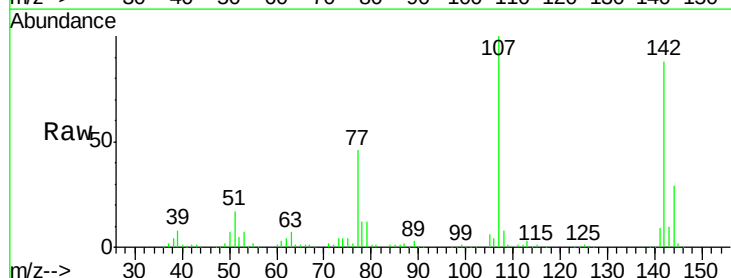
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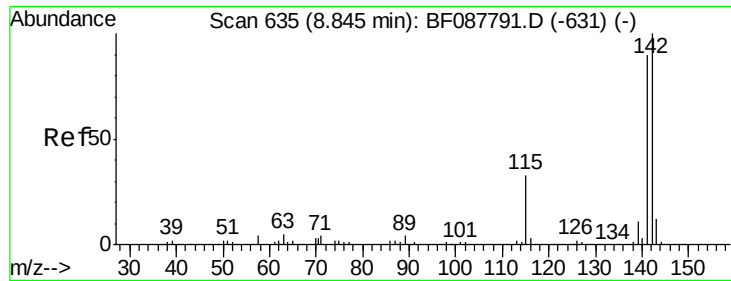
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#36
4-Chloro-3-methylphenol
Concen: 37.60 ng
RT: 8.67 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Tgt Ion:107 Resp: 219001
Ion Ratio Lower Upper
107 100
144 28.8 20.8 31.2
142 88.3 63.4 95.2





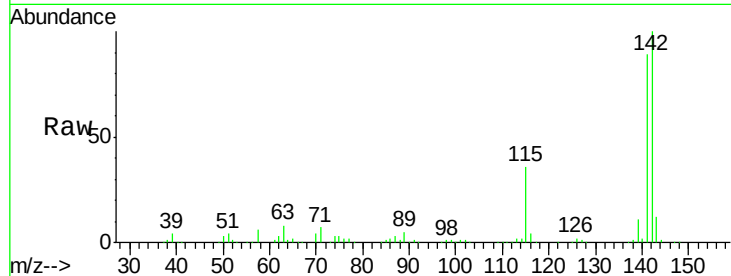
#37
2-Methylnaphthalene
Concen: 34.57 ng
RT: 8.82 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

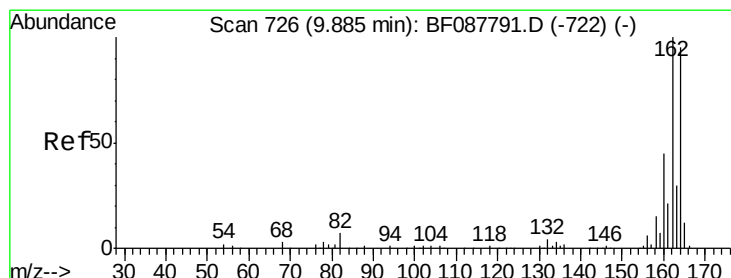
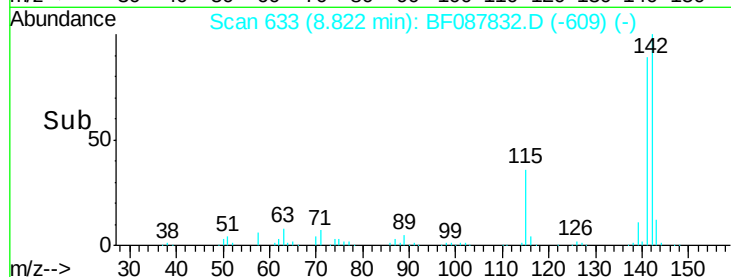
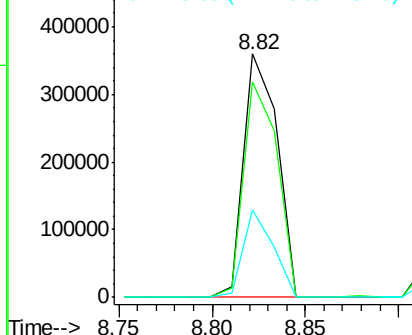
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.0	106.6
115	36.2	22.6	33.8

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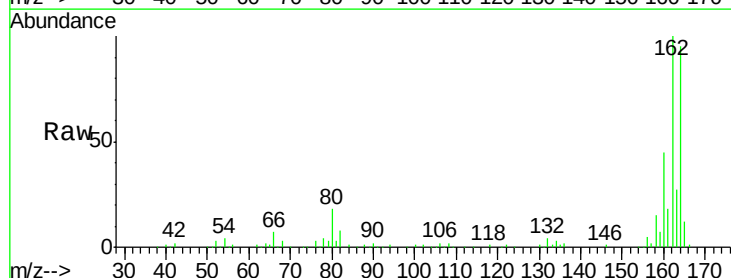


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

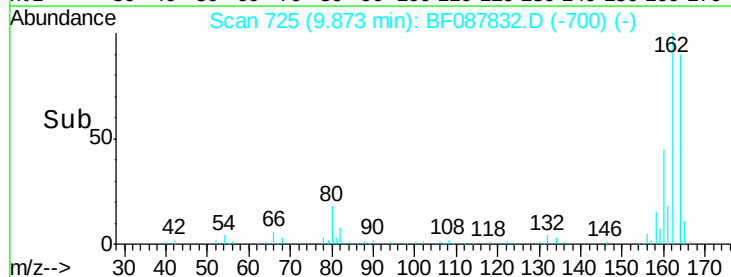
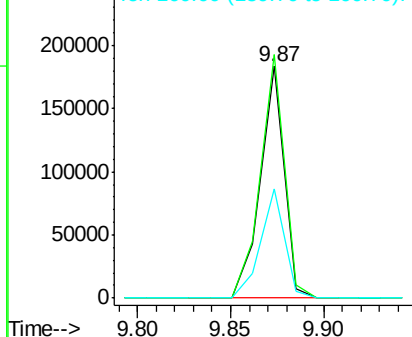


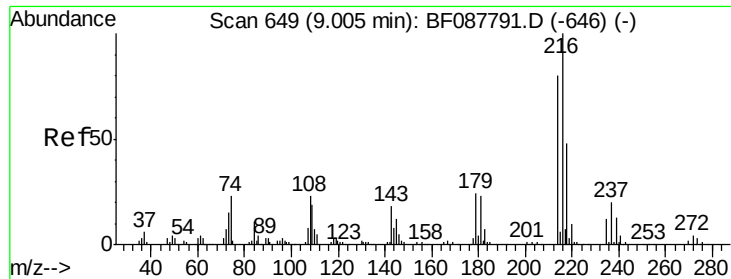
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.4	128.2
160	47.2	39.5	59.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





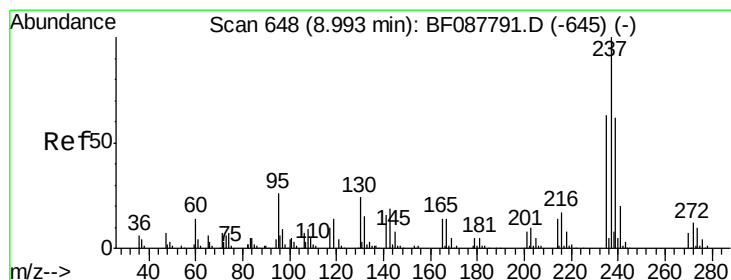
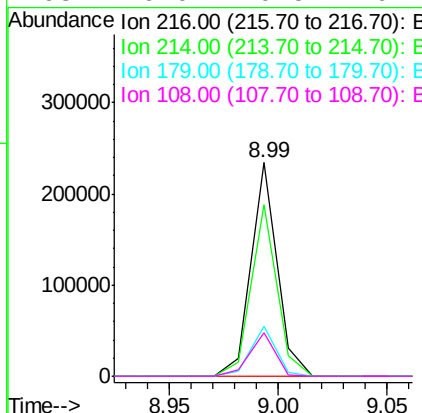
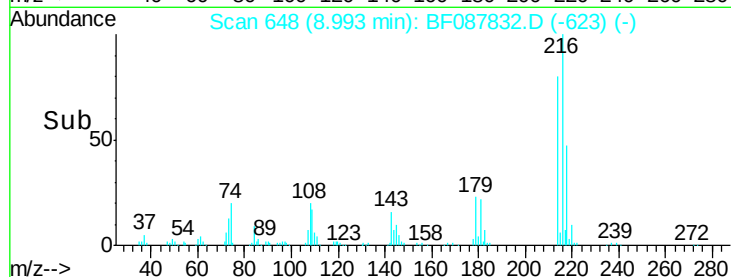
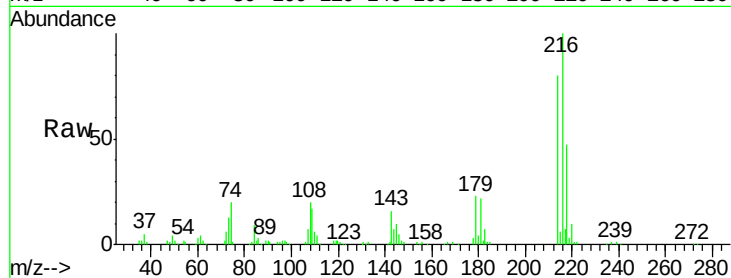
#39
1,2,4,5-Tetrachlorobenzene
Concen: 47.31 ng
RT: 8.99 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp Lower	Upper
216	100			
214	79.5	2.9	4.3#	
179	22.6	0.0	0.0#	
108	20.0	0.5	0.7#	

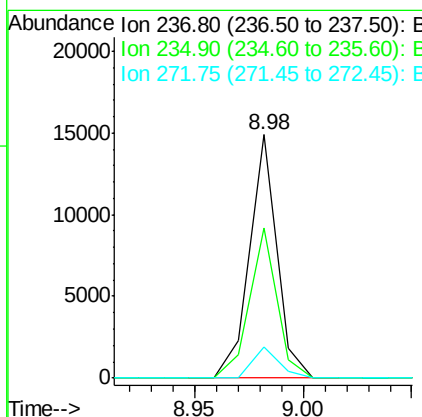
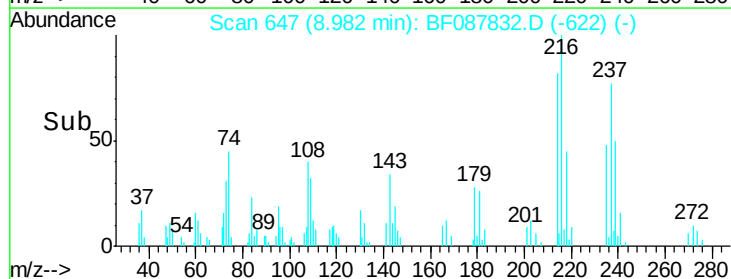
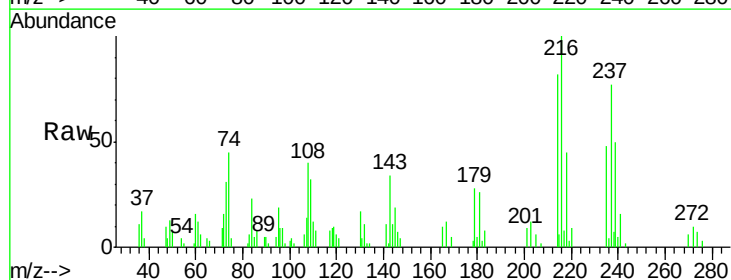
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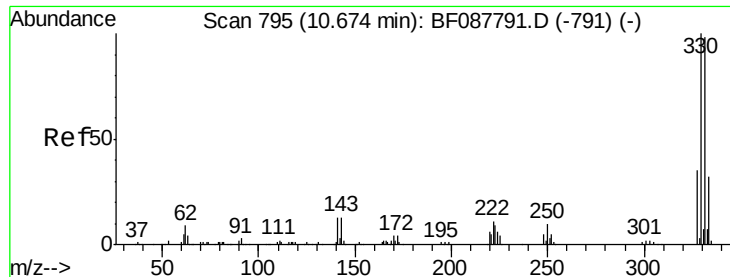
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#40
Hexachlorocyclopentadiene
Concen: 5.03 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Tgt Ion	Ion	Ratio	Resp Lower	Upper
237	100			
235	61.8	43.4	83.4	
272	12.7	0.0	32.3	





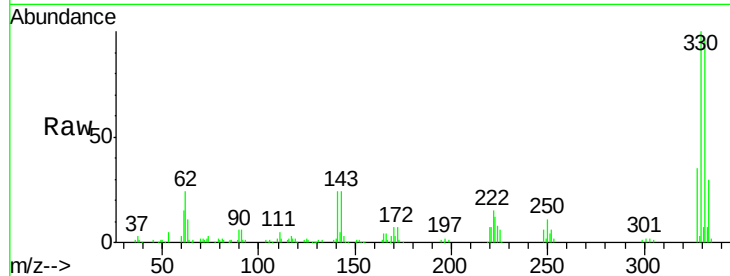
#41
 2,4,6-Tribromophenol
 Concen: 68.42 ng
 RT: 10.66 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF087832.D
 Acq: 9 Jun 2016 4:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

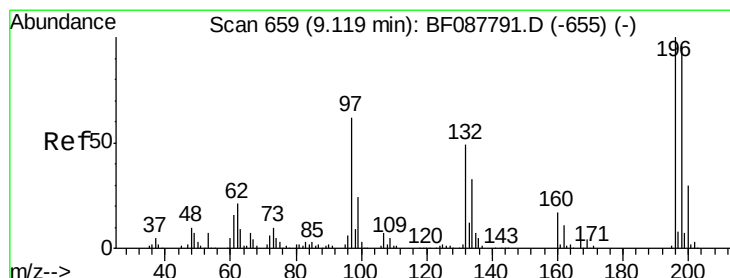
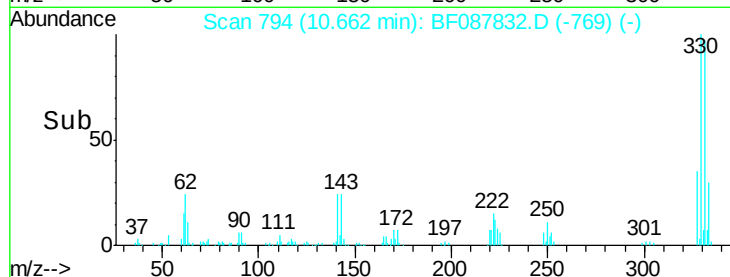
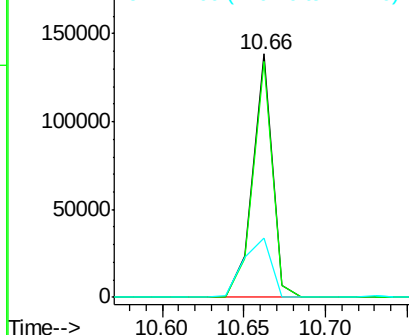
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	34.1	0.0	0.0#

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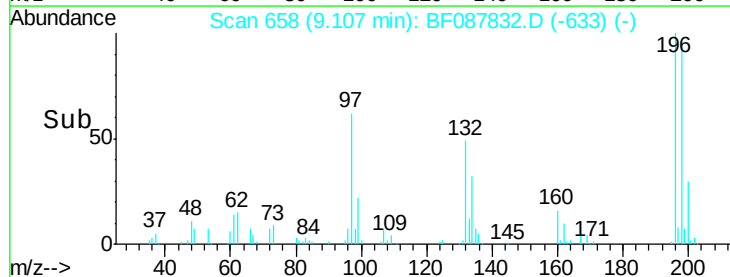
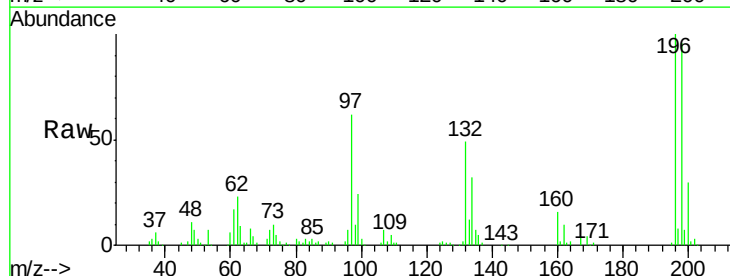
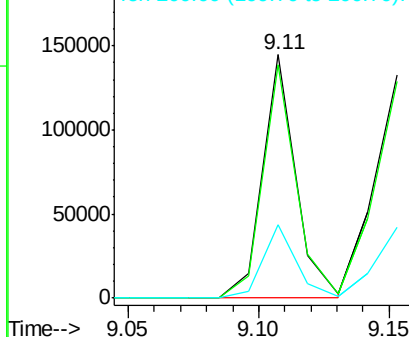
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

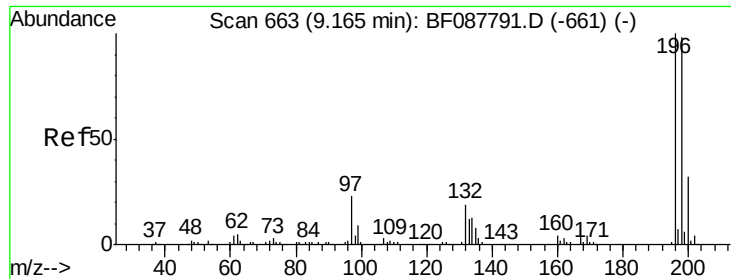


#42
 2,4,6-Trichlorophenol
 Concen: 39.98 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF087832.D
 Acq: 9 Jun 2016 4:13

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	96.0	78.0	117.0
200	30.1	25.4	38.2

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





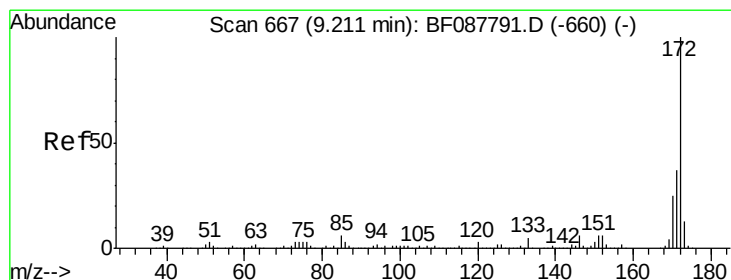
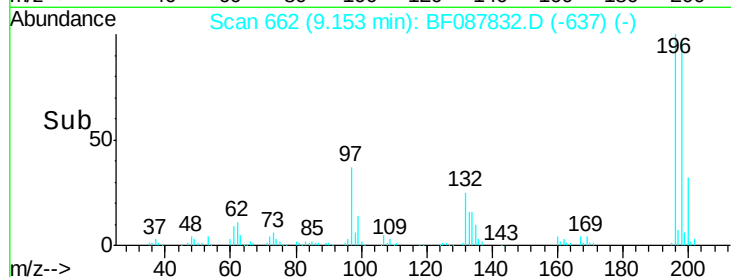
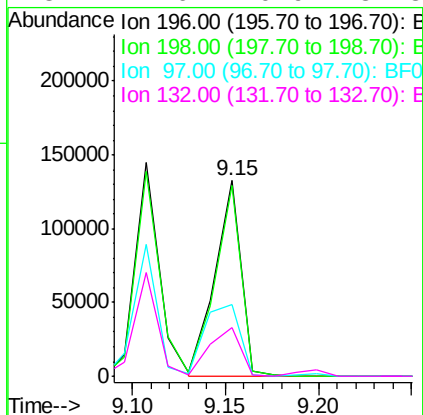
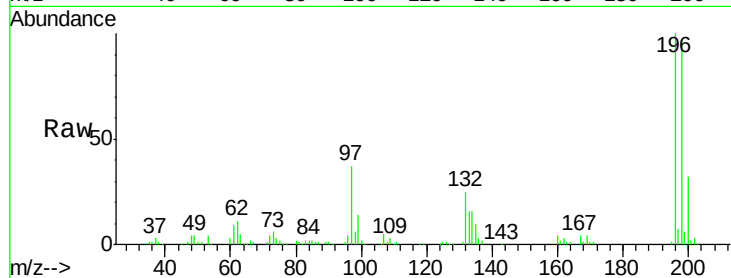
#43
2,4,5-Trichlorophenol
Concen: 38.54 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	129010		
198	97.3	77.5	116.3	
97	36.7	32.0	48.0	
132	24.6	20.9	31.3	

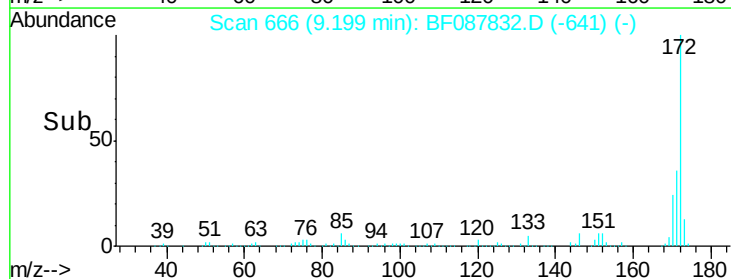
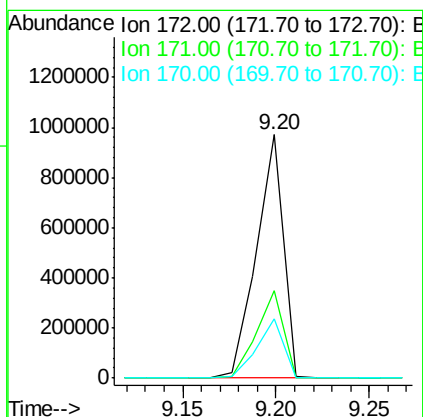
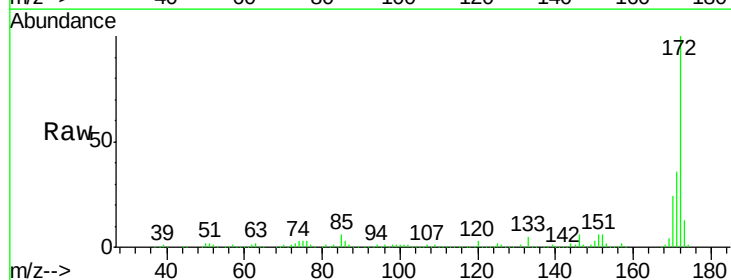
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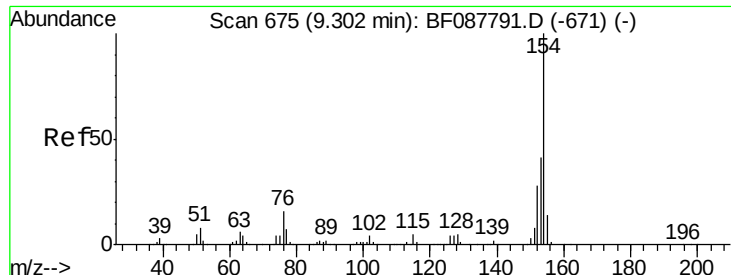
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#44
2-Fluorobiphenyl
Concen: 94.42 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	960808		
171	36.2	28.6	43.0	
170	24.3	19.2	28.8	





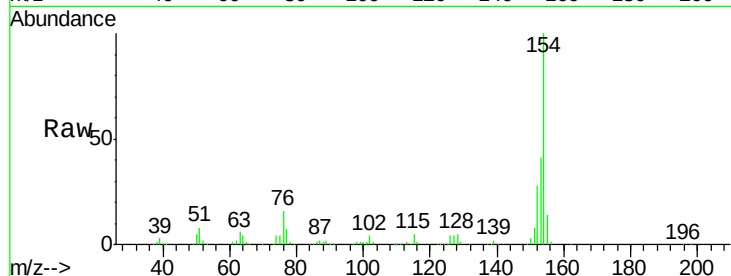
#45
 1,1'-Biphenyl
 Concen: 43.78 ng
 RT: 9.29 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF087832.D
 Acq: 9 Jun 2016 4:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

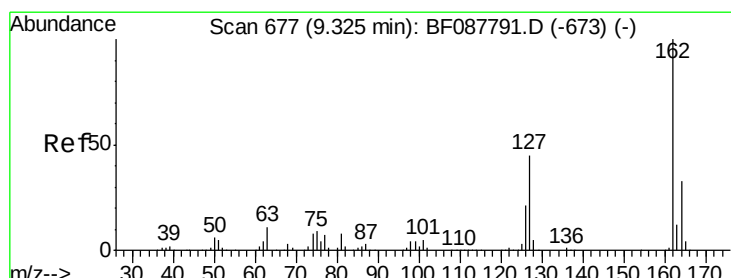
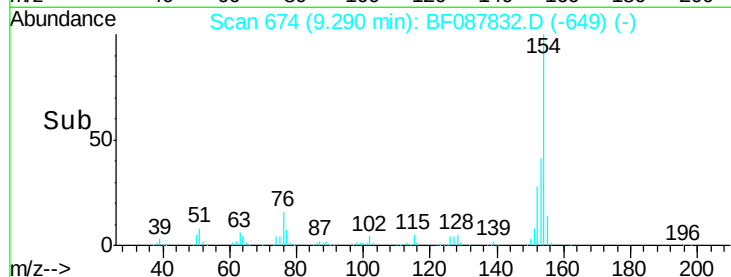
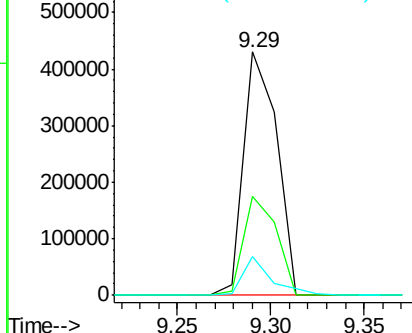
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.9	20.6	60.6	
76	16.1	0.0	35.1	

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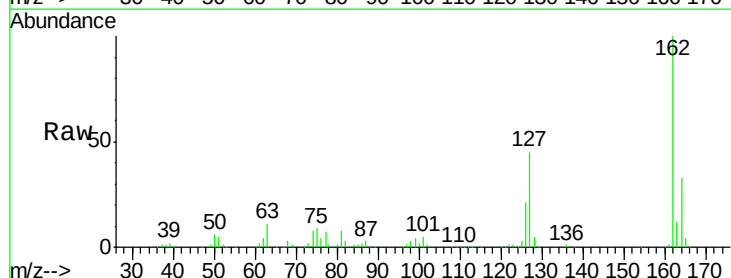


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

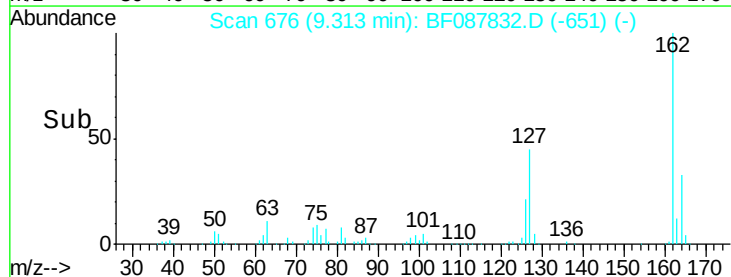
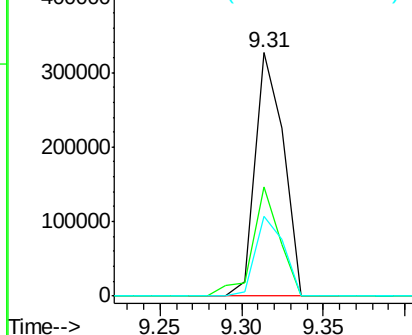


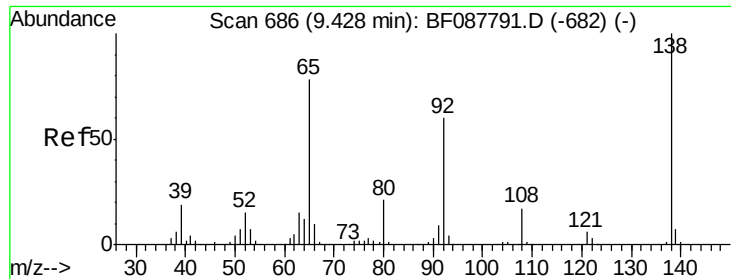
#46
 2-Chloronaphthalene
 Concen: 37.69 ng
 RT: 9.31 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF087832.D
 Acq: 9 Jun 2016 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	44.7	35.2	52.8	
164	32.9	26.6	39.8	



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





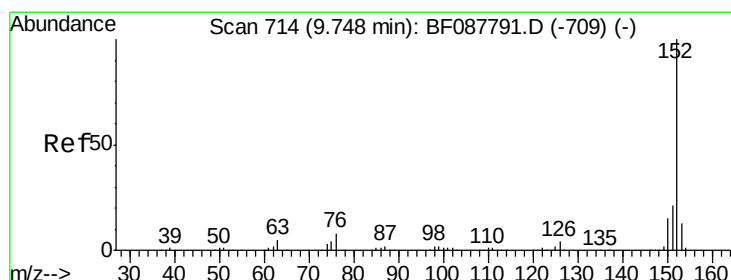
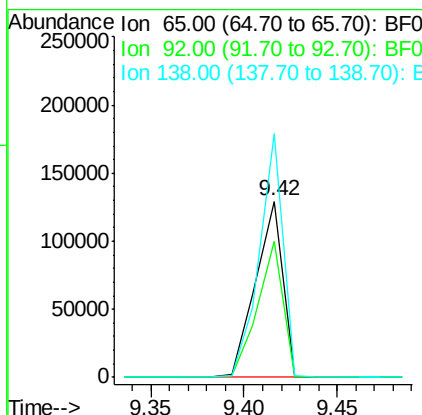
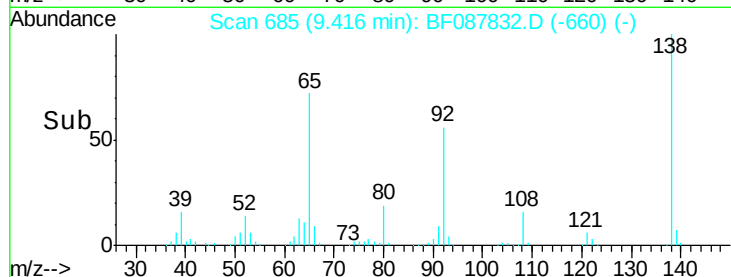
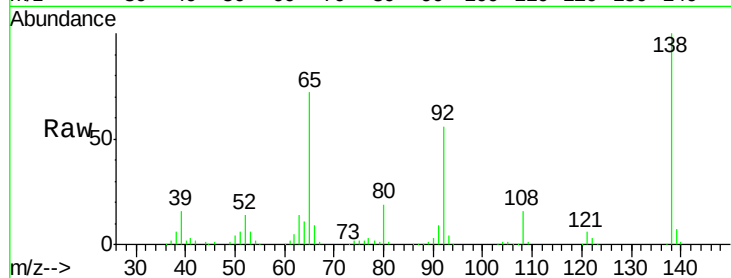
#47
2-Nitroaniline
Concen: 42.97 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	77.6	54.6	82.0
138	138.5	77.0	115.4

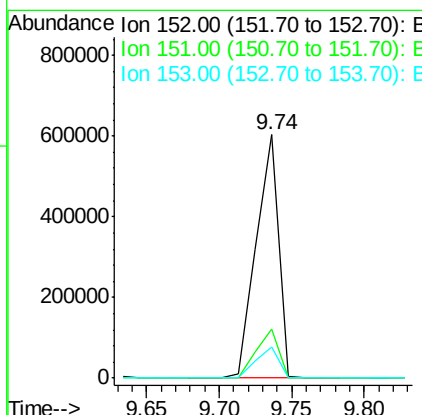
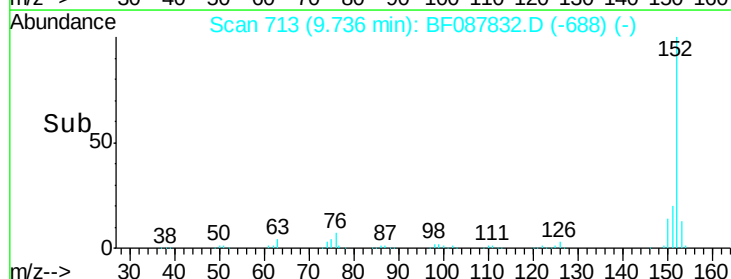
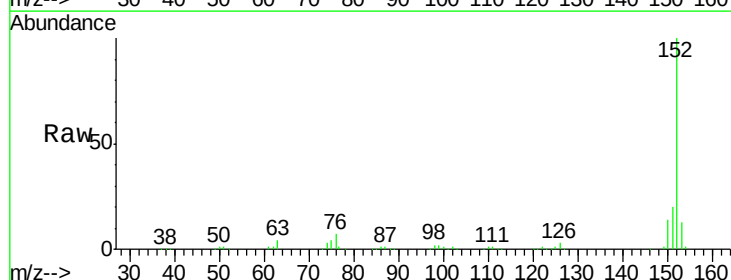
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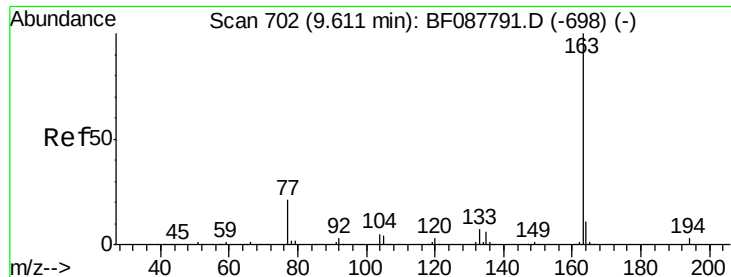
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#48
Acenaphthylene
Concen: 38.77 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4
153	12.9	11.0	16.6





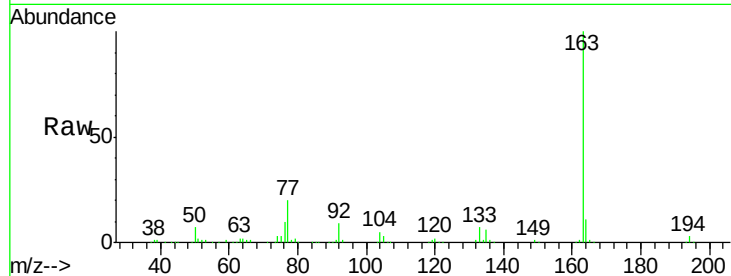
#49
Dimethylphthalate
Concen: 41.96 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

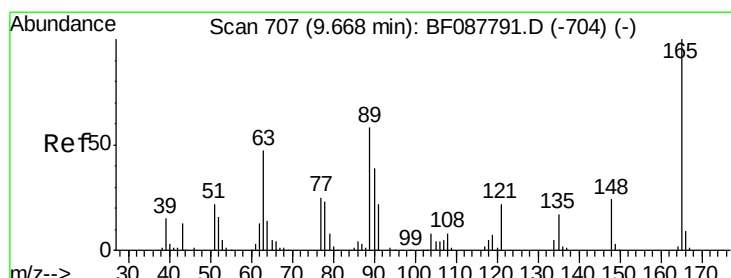
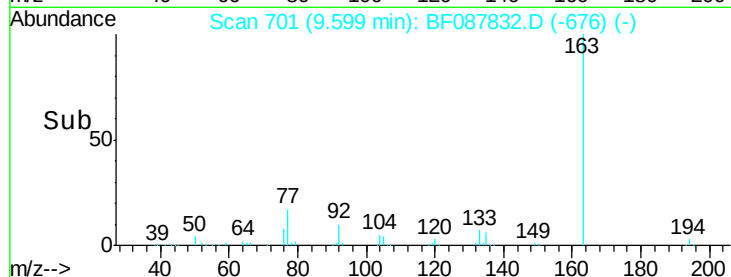
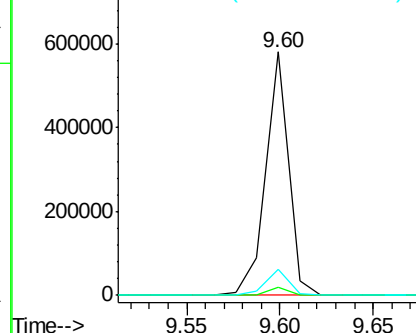
Tot Ion	Ratio	Resp	Lower	Upper
163	100	489079		
194	3.2		2.8	4.2
164	10.6		8.3	12.5

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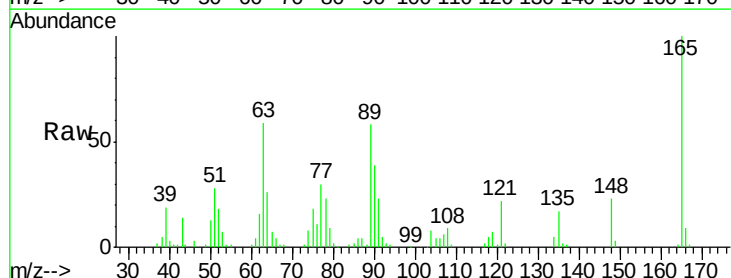


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

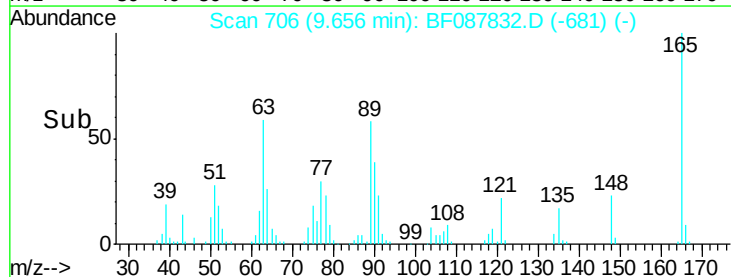
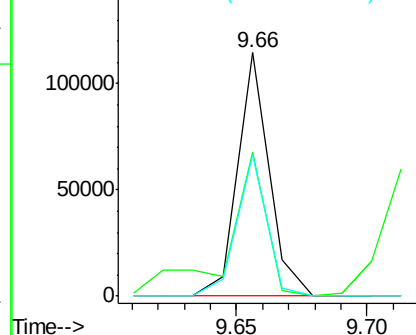


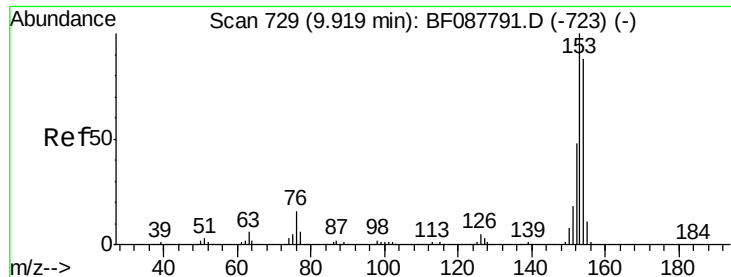
#50
2,6-Dinitrotoluene
Concen: 36.15 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	96489		
63	59.1		28.1	42.1#
89	58.1		32.2	48.2#



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





#51

Acenaphthene

Concen: 37.84 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF087832.D

Acq: 9 Jun 2016 4:13

Instrument :

BNA_F

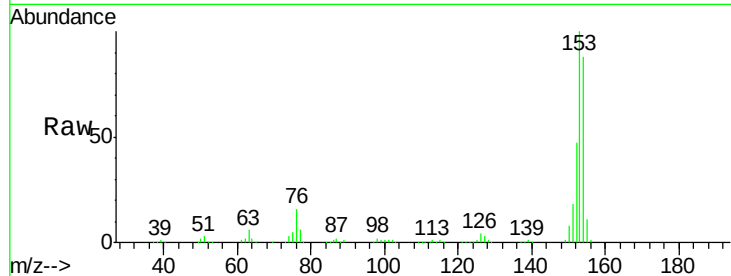
ClientSampleId :

SSTDCCC040

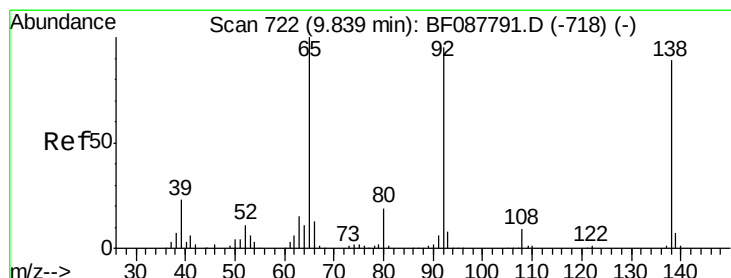
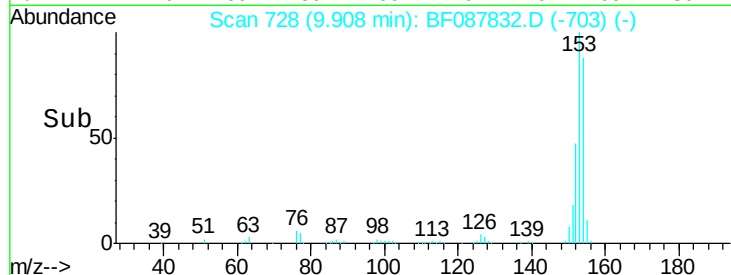
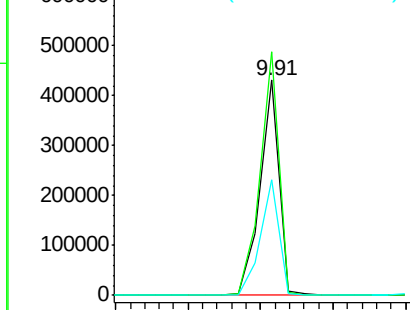
Tot Ion:	154	Resp:	391011
Ion Ratio	Lower	Upper	
154	100		
153	113.1	89.5	134.3
152	53.4	42.7	64.1

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.96 ng

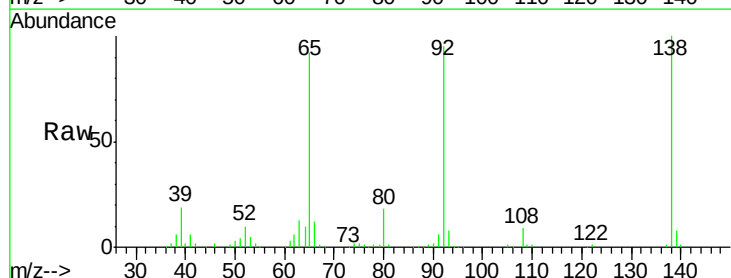
RT: 9.83 min Scan# 721

Delta R.T. -0.01 min

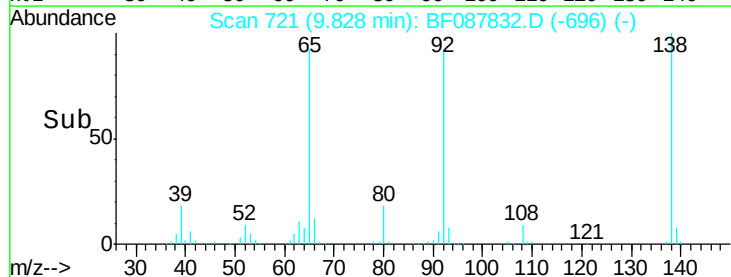
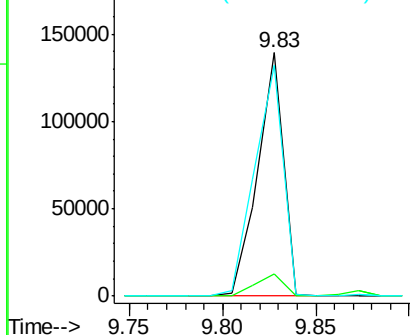
Lab File: BF087832.D

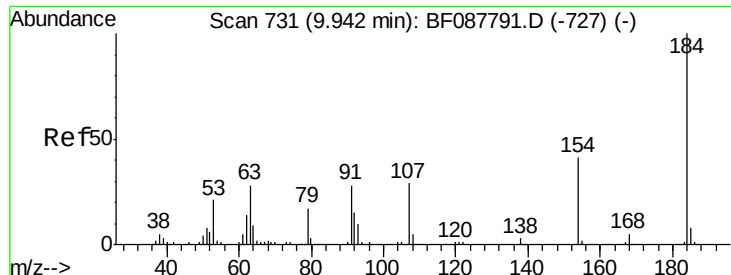
Acq: 9 Jun 2016 4:13

Tgt Ion:	138	Resp:	132325
Ion Ratio	Lower	Upper	
138	100		
108	9.1	8.5	12.7
92	94.6	95.7	143.5#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





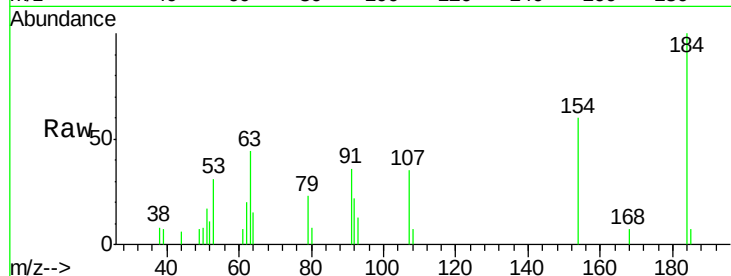
#53
 2,4-Dinitrophenol
 Concen: 7.97 ng
 RT: 9.93 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF087832.D
 Acq: 9 Jun 2016 4:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

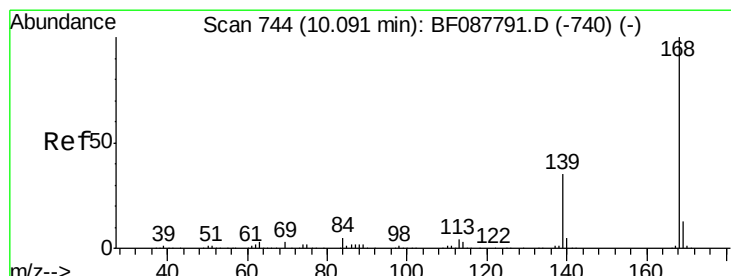
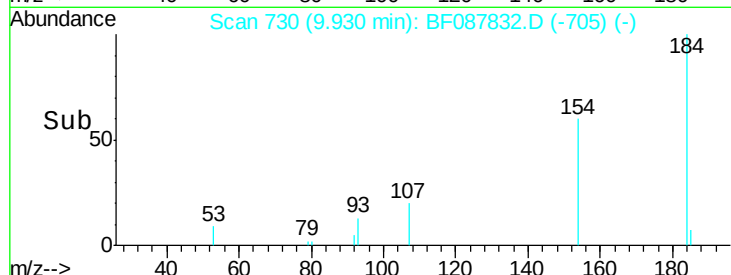
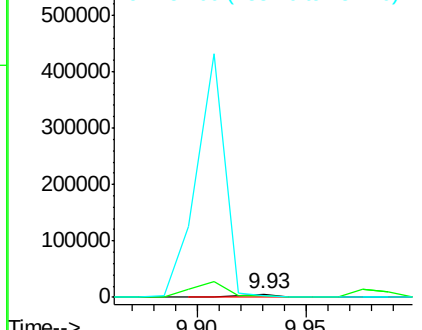
Tot Ion	Ratio	Resp	Lower	Upper
184	100	5928		
63	43.8		57.6	86.4#
154	59.8		53.5	80.3

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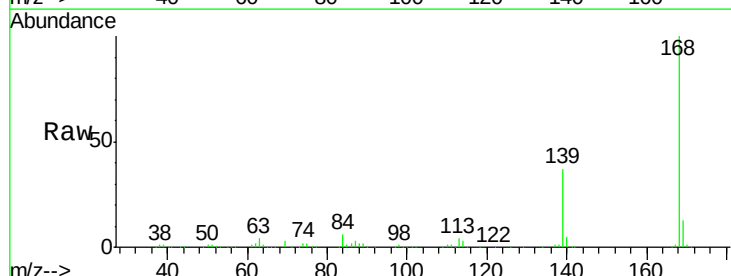


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

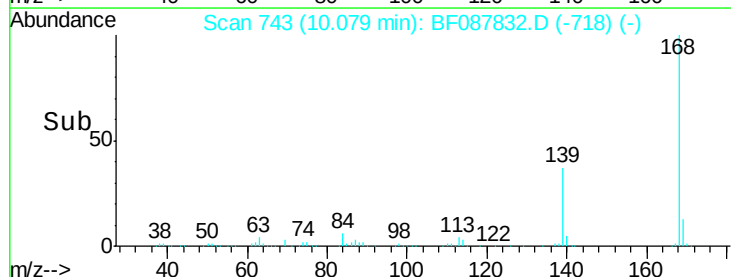
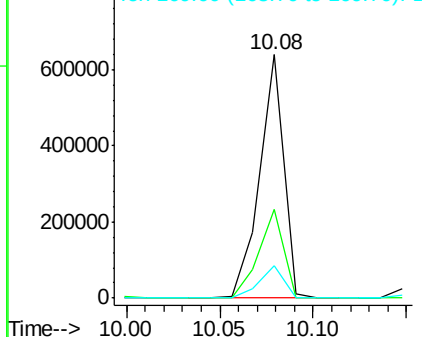


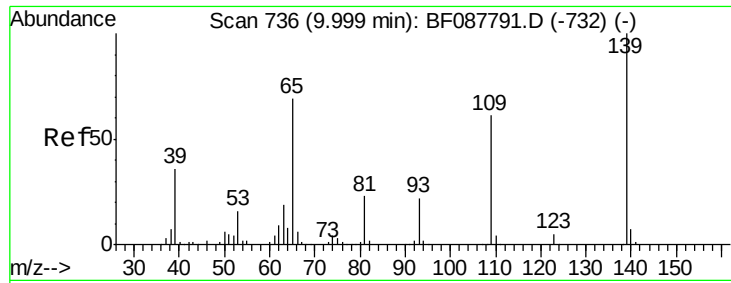
#54
 Dibenzofuran
 Concen: 39.74 ng
 RT: 10.08 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF087832.D
 Acq: 9 Jun 2016 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	565387		
139	36.6		26.4	39.6
169	13.4		10.4	15.6



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





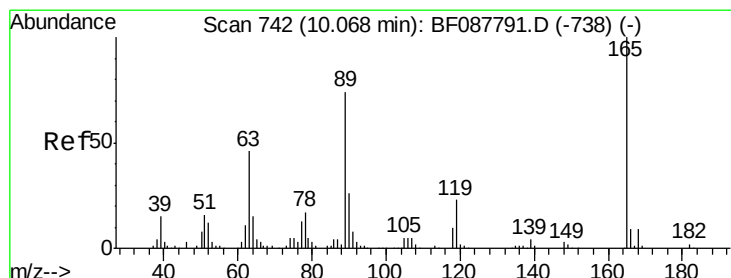
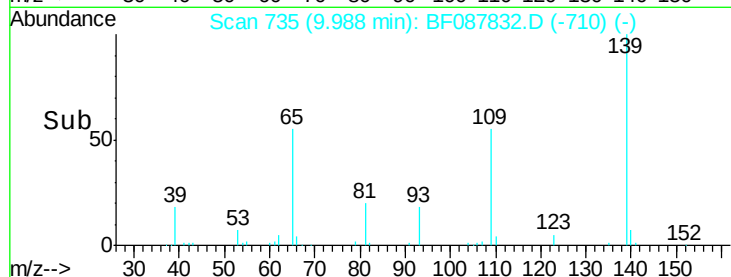
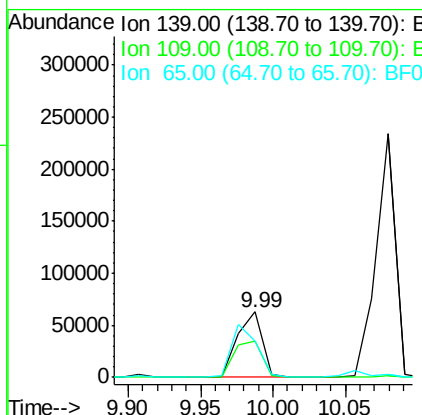
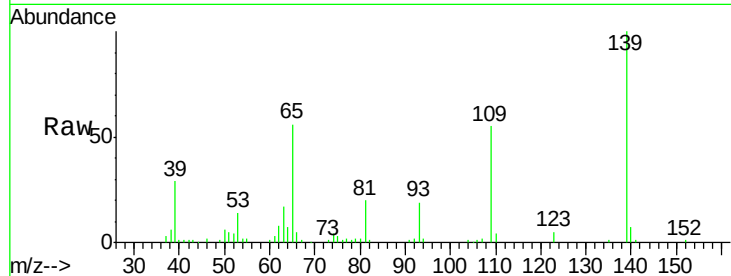
#55
4-Nitrophenol
Concen: 31.72 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	55.1	48.9	88.9
65	56.4	84.9	124.9

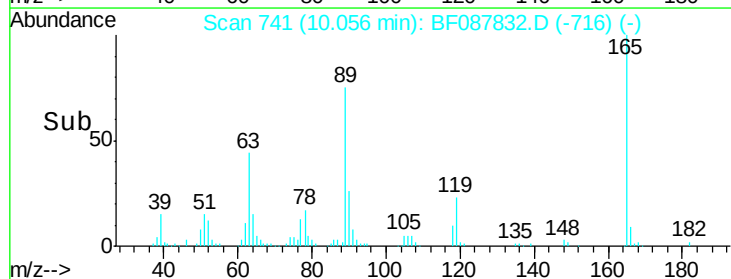
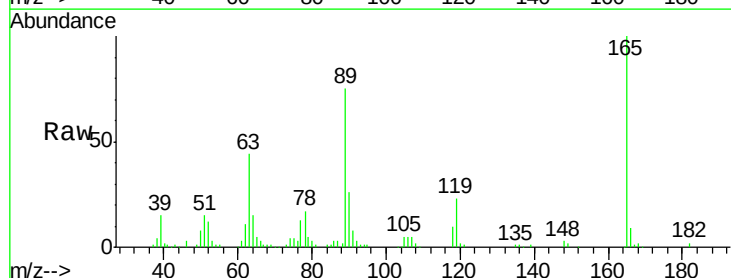
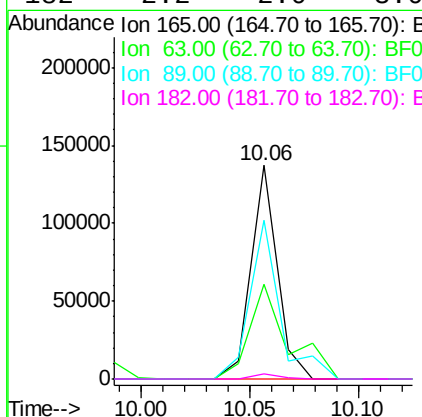
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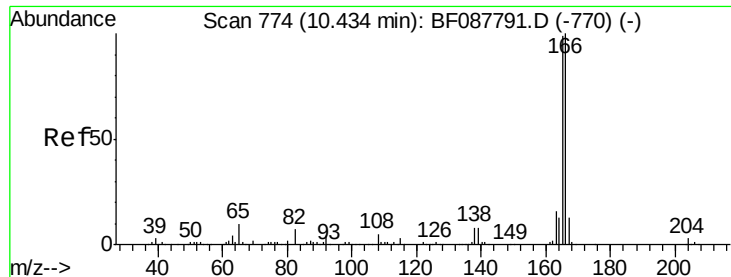
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#56
2,4-Dinitrotoluene
Concen: 33.59 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.4	22.0	33.0
89	74.6	41.1	61.7
182	2.2	2.0	3.0





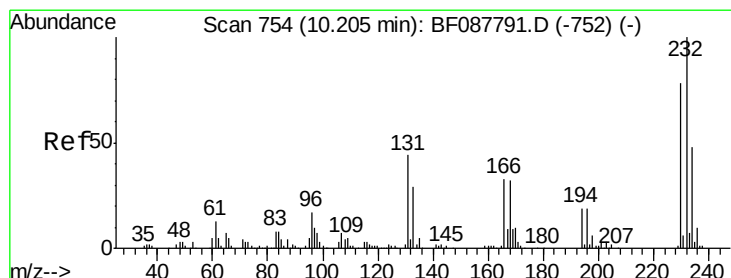
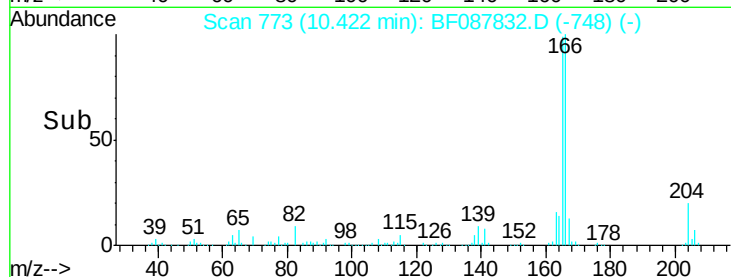
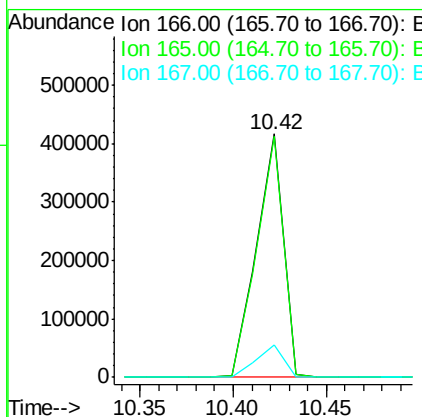
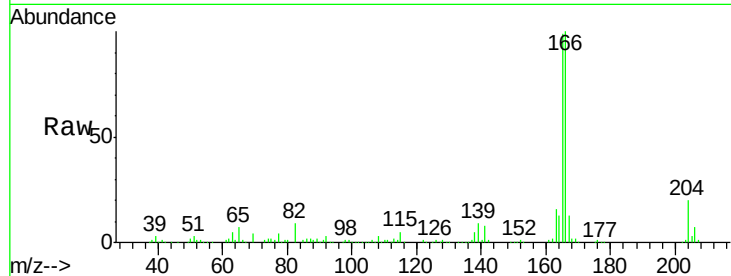
#57
Fluorene
Concen: 42.89 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	414586		
165	99.1	77.8	116.8	
167	13.3	11.2	16.8	

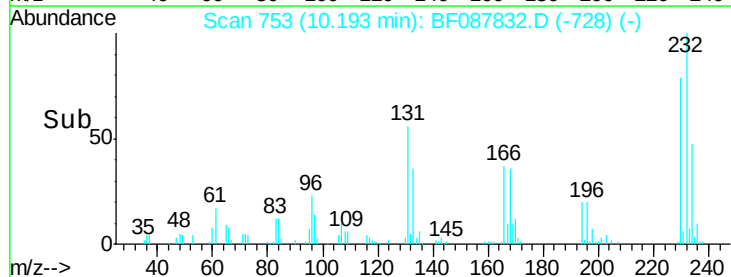
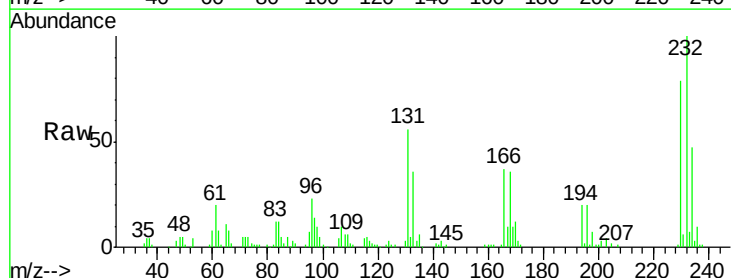
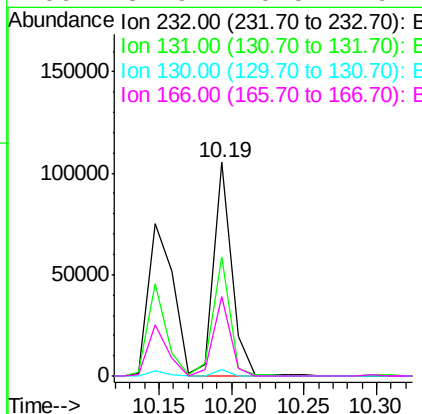
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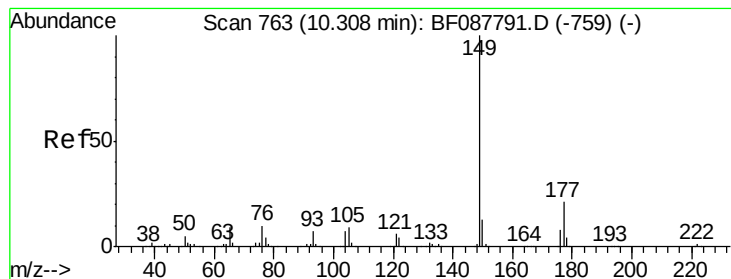
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#58
2,3,4,6-Tetrachlorophenol
Concen: 34.62 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	91082		
131	52.6	0.9	1.3#	
130	2.5	1.5	2.3#	
166	34.9	0.5	0.7#	





#59

Diethylphthalate

Concen: 38.31 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF087832.D

Acq: 9 Jun 2016 4:13

Instrument :

BNA_F

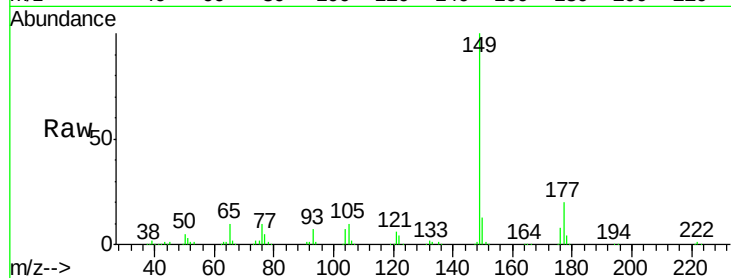
ClientSampleId :

SSTDCCC040

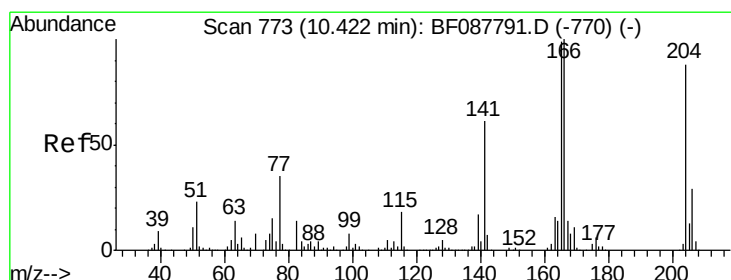
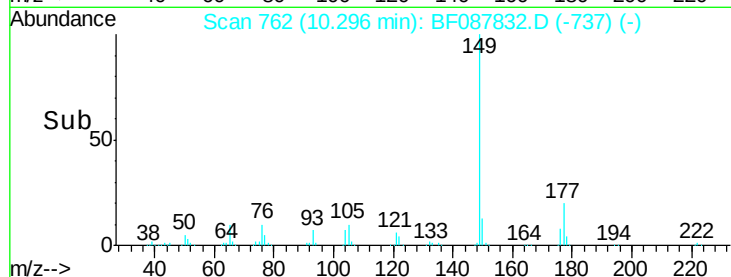
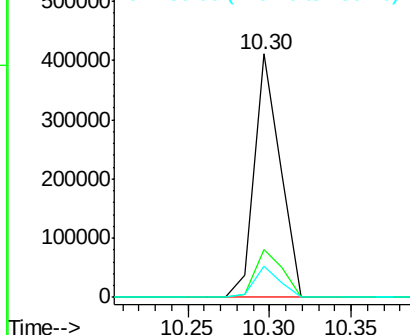
Tot Ion:	149	Resp:	451999
Ion Ratio	Lower	Upper	
149	100		
177	19.8	16.9	25.3
150	12.7	10.1	15.1

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



#60

4-Chlorophenyl-phenylether

Concen: 37.03 ng

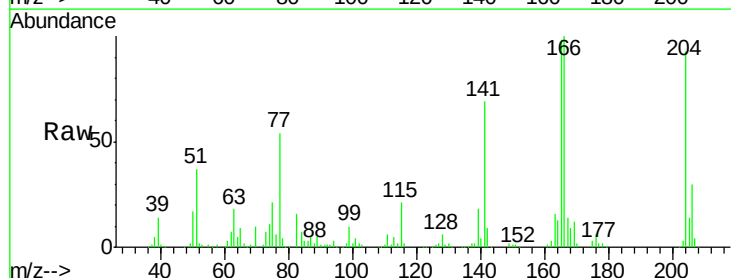
RT: 10.41 min Scan# 772

Delta R.T. -0.01 min

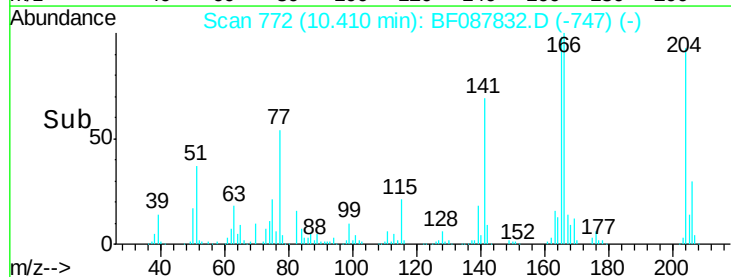
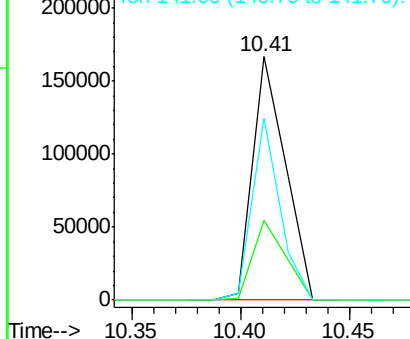
Lab File: BF087832.D

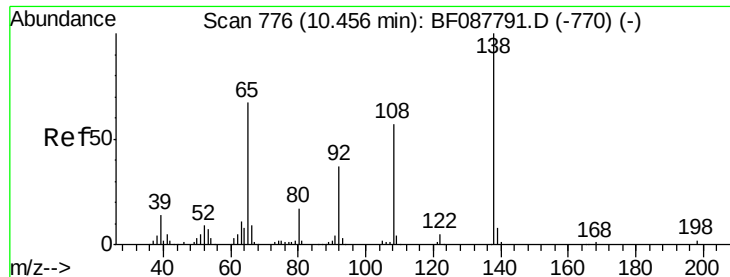
Acq: 9 Jun 2016 4:13

Tgt Ion:	204	Resp:	175222
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.3	39.5
141	74.9	55.0	82.6



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





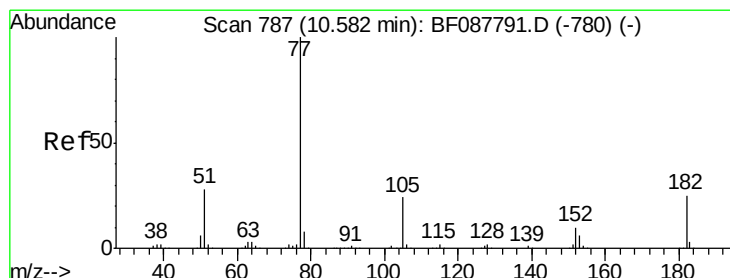
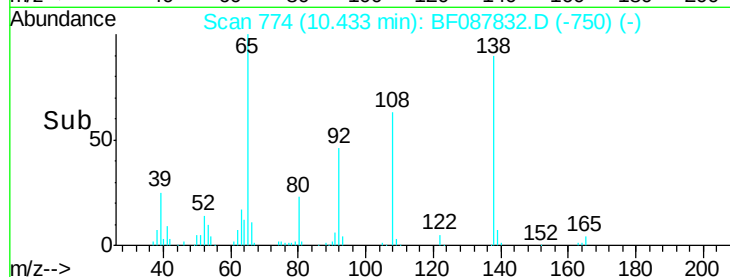
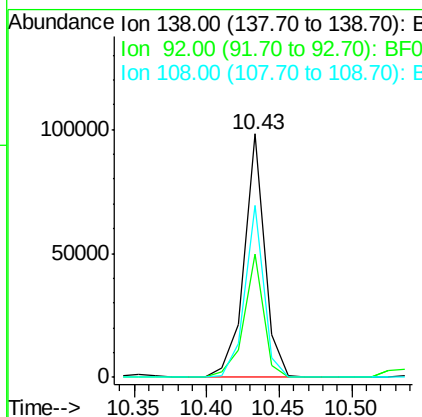
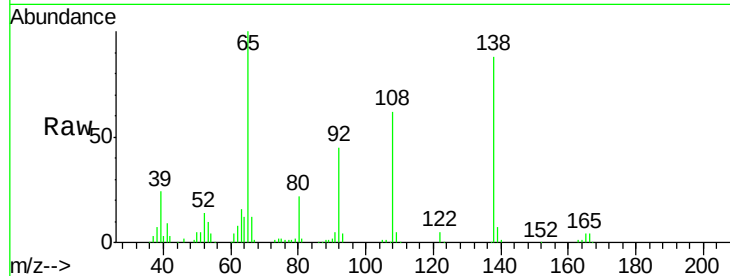
#61
4-Nitroaniline
Concen: 33.33 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	138	Resp:	97372
Ion Ratio	Lower	Upper	
138	100		
92	50.7	27.3	67.3
108	70.5	46.7	86.7

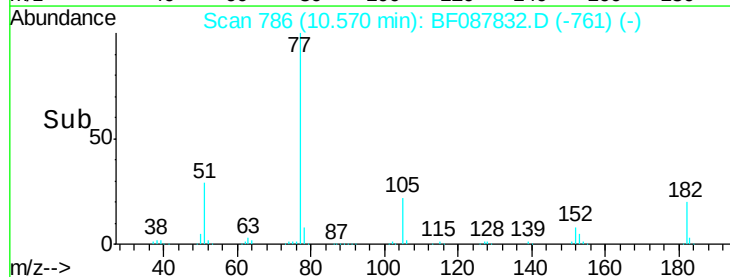
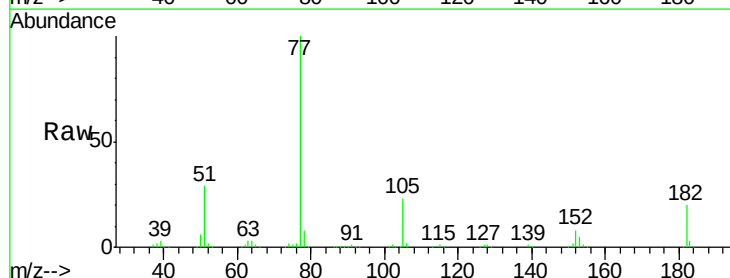
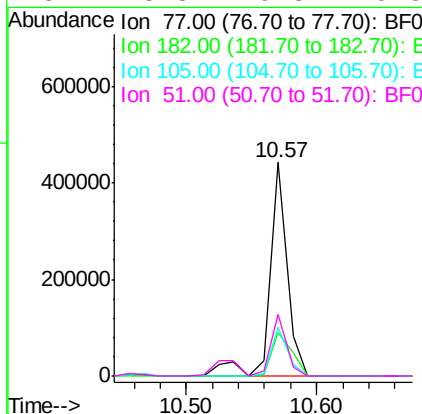
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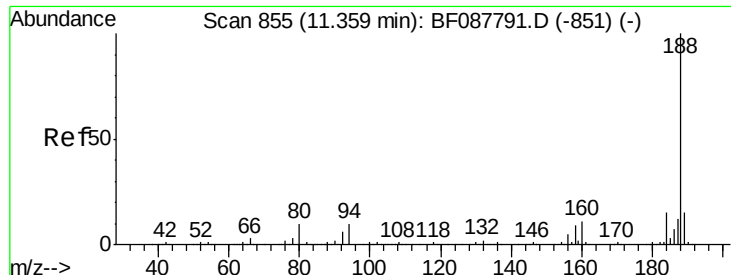
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#62
Azobenzene
Concen: 36.15 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Tgt Ion:	77	Resp:	421781
Ion Ratio	Lower	Upper	
77	100		
182	20.1	4.4	44.4
105	22.8	3.8	43.8
51	28.8	9.3	49.3





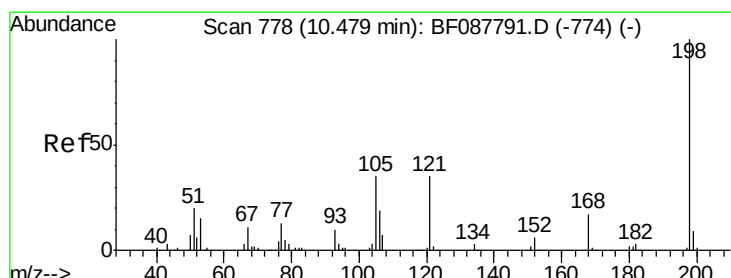
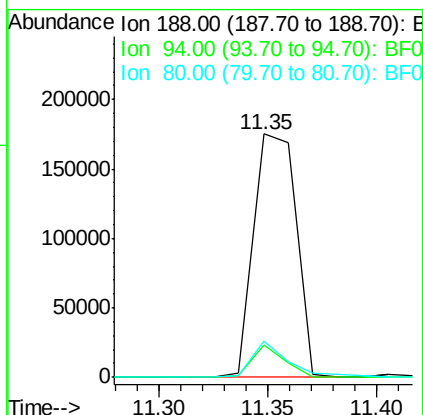
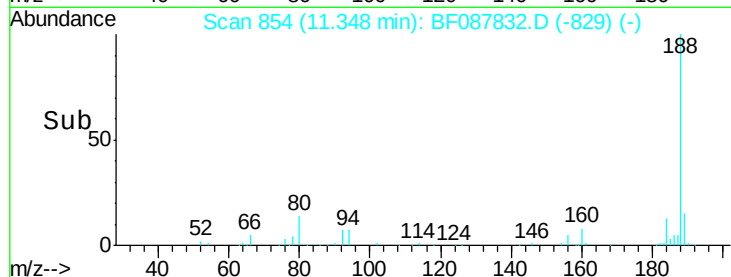
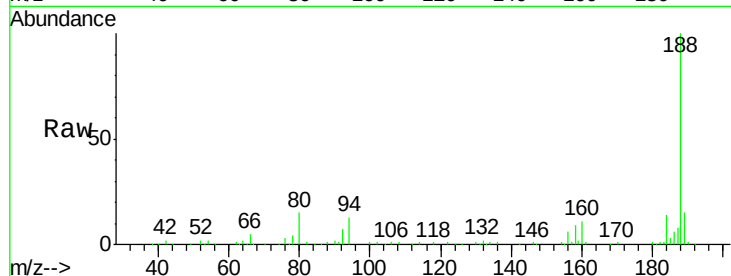
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	13.4	9.0	13.6
80	14.8	10.0	15.0

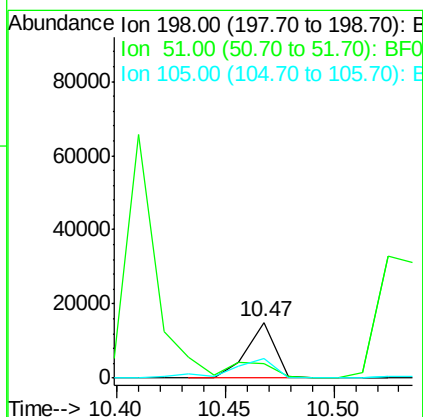
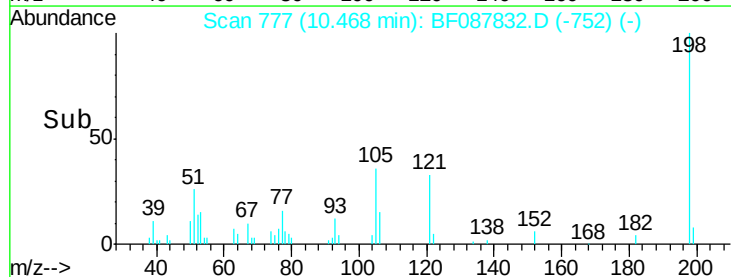
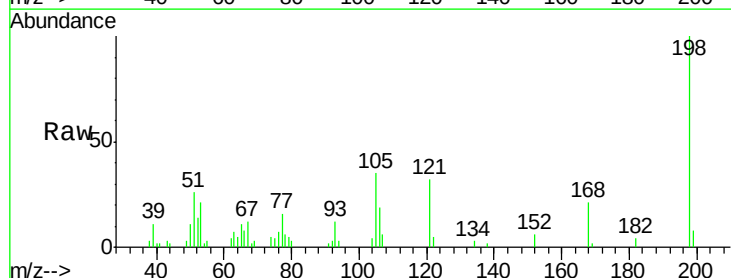
Manual Integrations
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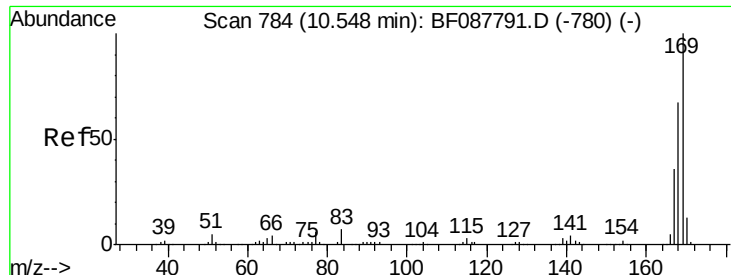
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#64
4,6-Dinitro-2-methylphenol
Concen: 10.79 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	25.8	39.6	79.6#
105	35.2	36.6	76.6#





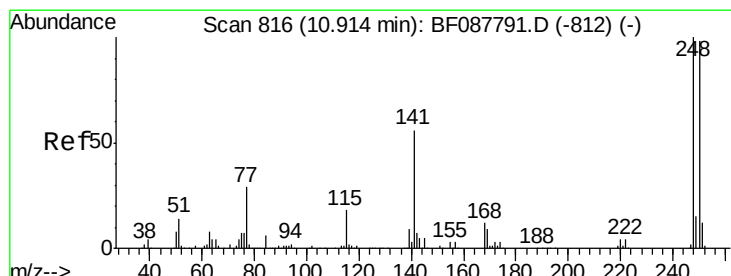
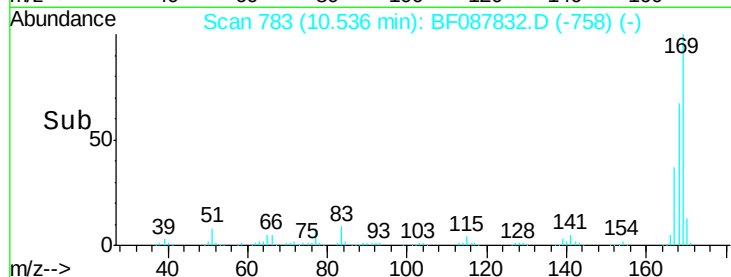
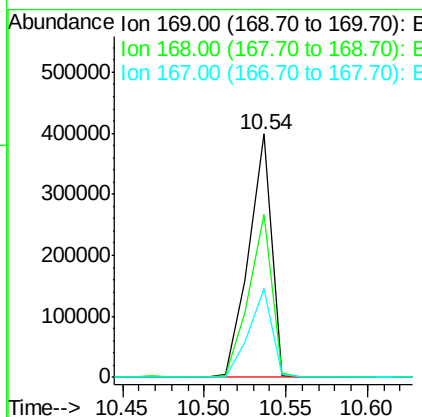
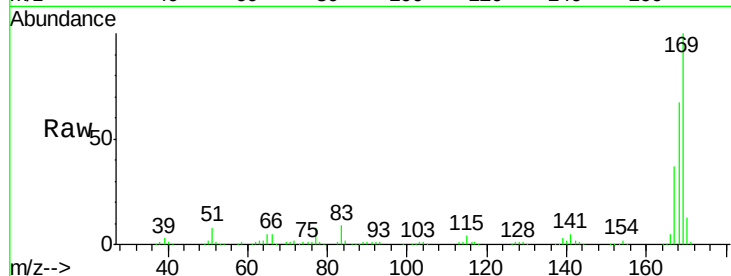
#65
 n-Nitrosodiphenylamine
 Concen: 48.76 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF087832.D
 Acq: 9 Jun 2016 4:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.0	53.4	80.0	
167	36.6	29.4	44.0	

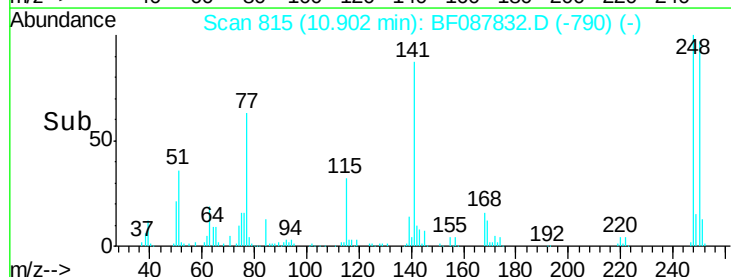
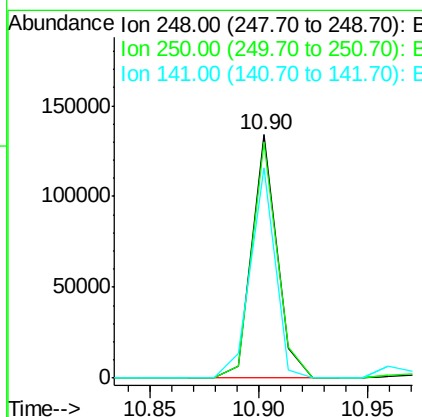
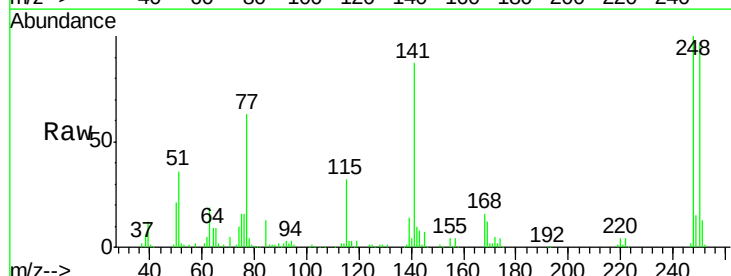
Manual Integrations
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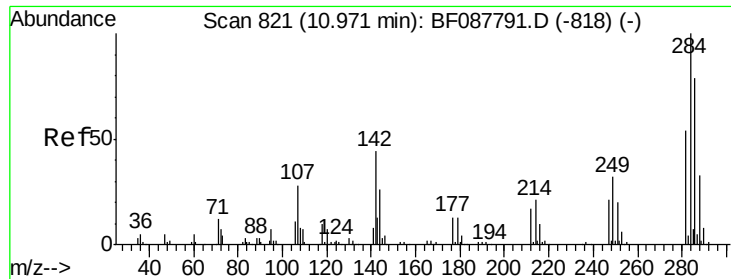
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#66
 4-Bromophenyl-phenylether
 Concen: 42.05 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF087832.D
 Acq: 9 Jun 2016 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.8	77.1	115.7	
141	86.6	50.6	76.0	





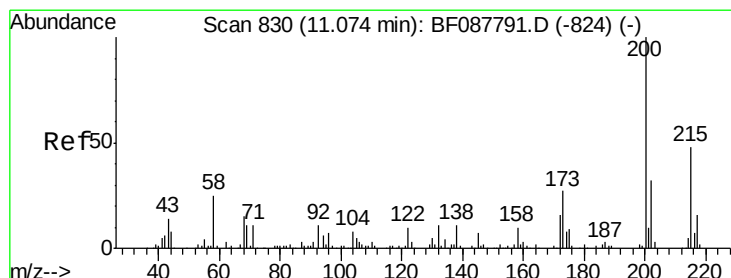
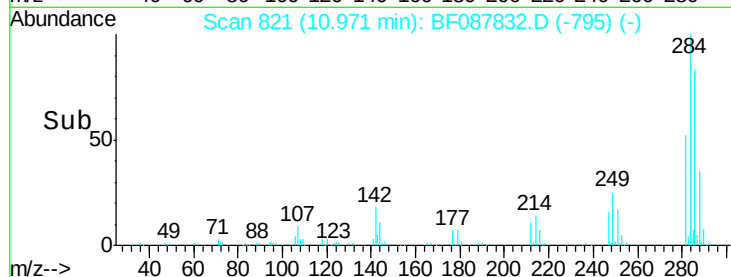
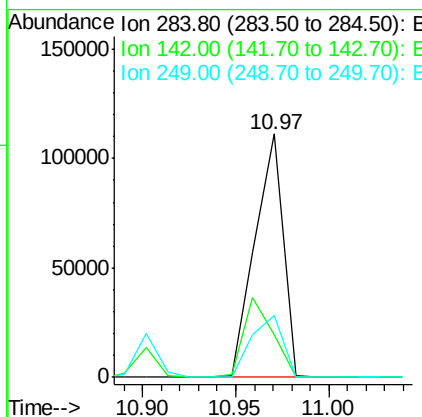
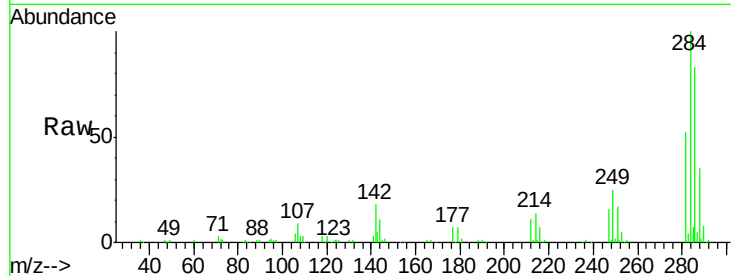
#67
Hexachlorobenzene
Concen: 43.55 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	116405		
142	17.7	35.8	53.8#	
249	25.4	25.8	38.6#	

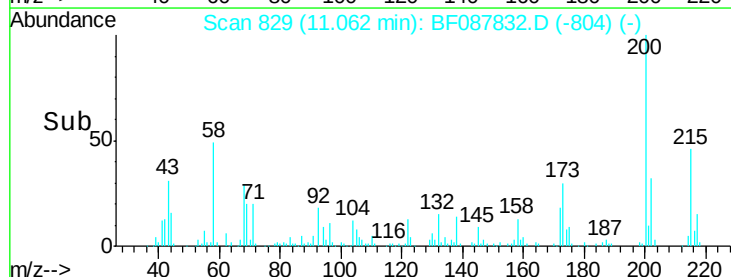
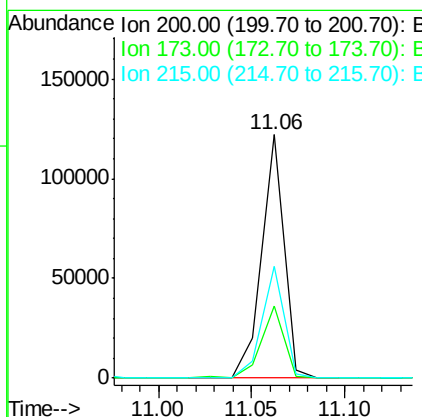
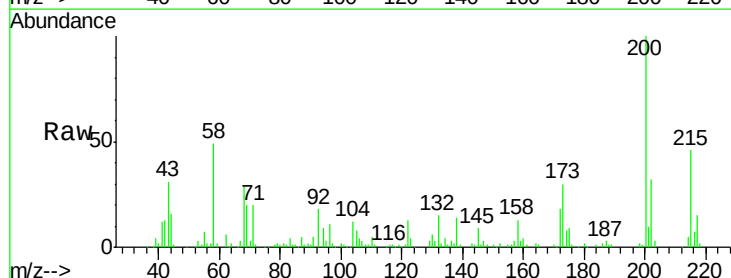
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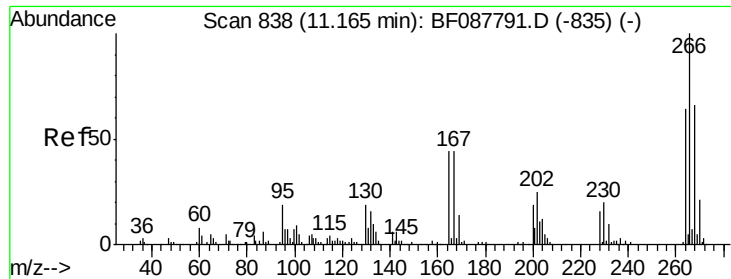
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#68
Atrazine
Concen: 41.86 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	100874		
173	29.7	4.0	44.0	
215	45.9	29.3	69.3	





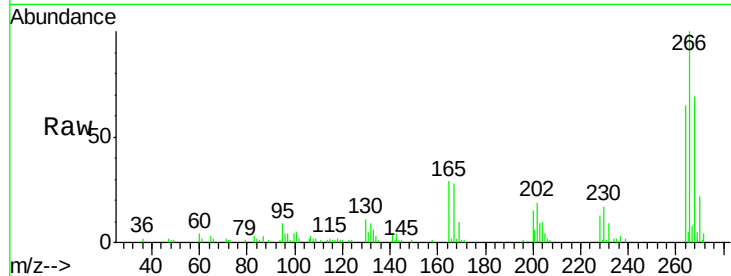
#69
 Pentachlorophenol
 Concen: 39.91 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF087832.D
 Acq: 9 Jun 2016 4:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

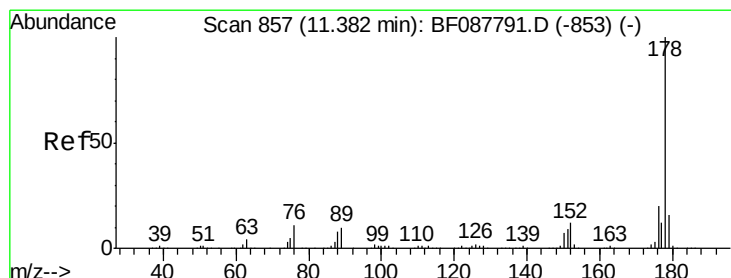
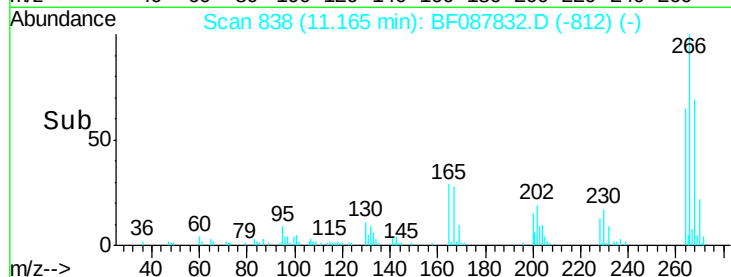
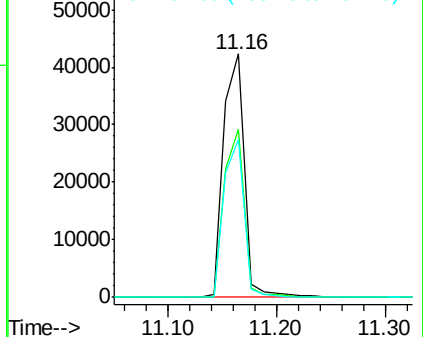
Tot Ion	Ratio	Resp	Lower	Upper
266	100	56231		
268	69.1		52.8	79.2
264	65.0		49.6	74.4

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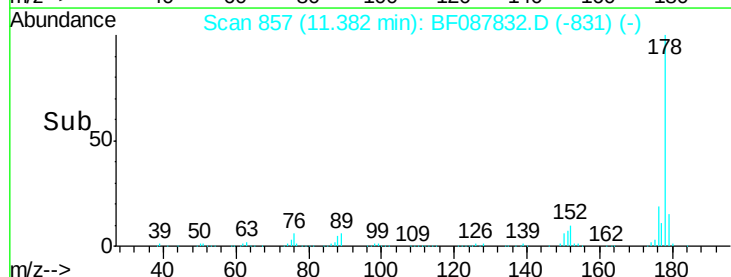
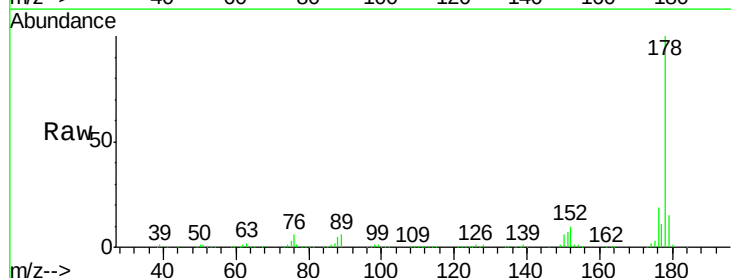
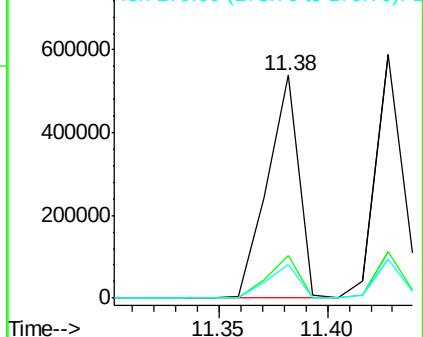
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

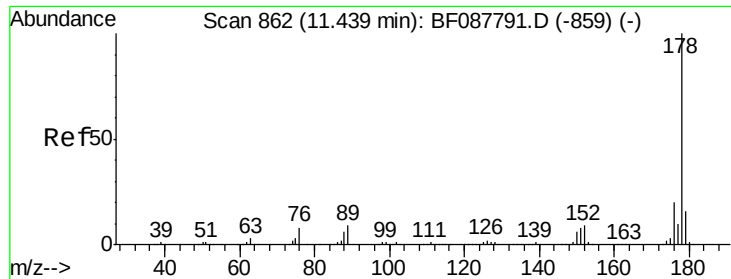


#70
 Phenanthrene
 Concen: 43.21 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF087832.D
 Acq: 9 Jun 2016 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	543773		
176	19.4		15.8	23.6
179	15.1		13.0	19.4

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





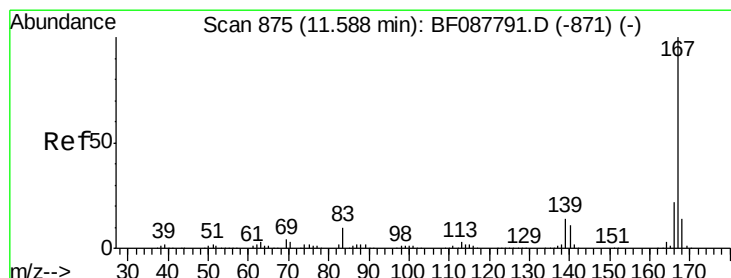
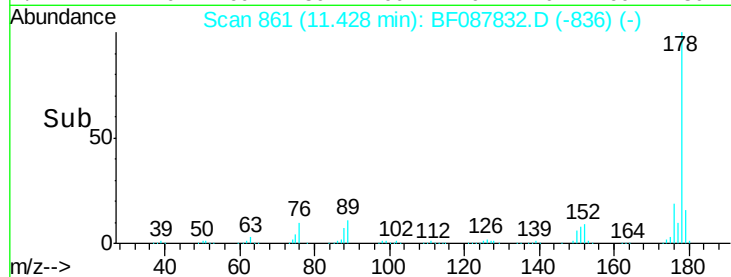
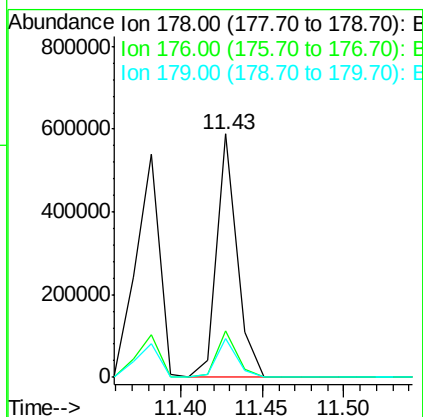
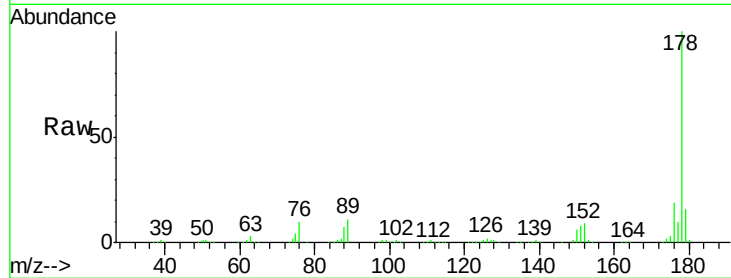
#71
 Anthracene
 Concen: 40.11 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF087832.D
 Acq: 9 Jun 2016 4:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.9	12.8	19.2

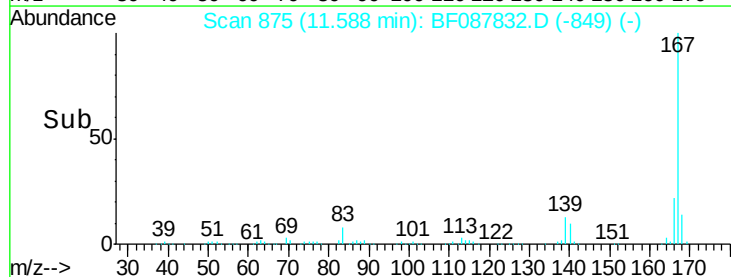
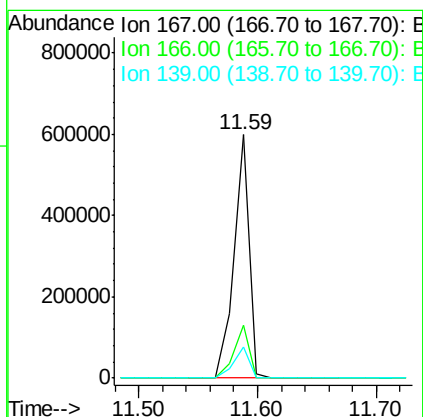
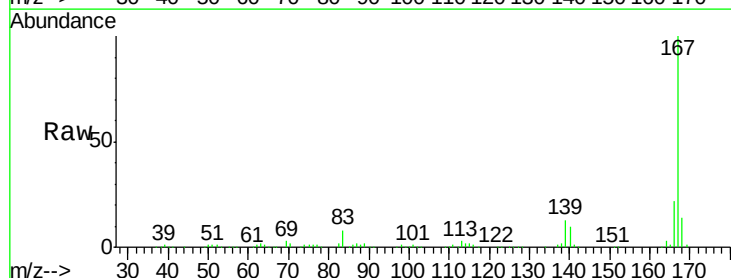
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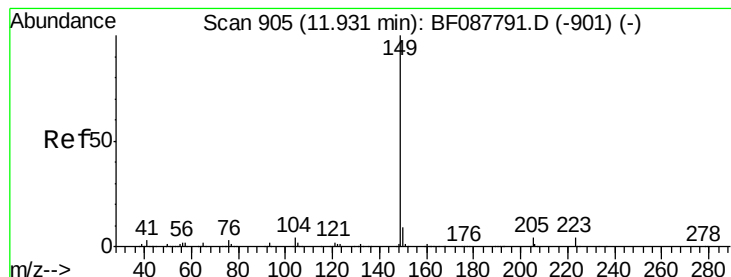
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#72
 Carbazole
 Concen: 44.54 ng
 RT: 11.59 min Scan# 875
 Delta R.T. -0.00 min
 Lab File: BF087832.D
 Acq: 9 Jun 2016 4:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.6
139	12.7	11.2	16.8





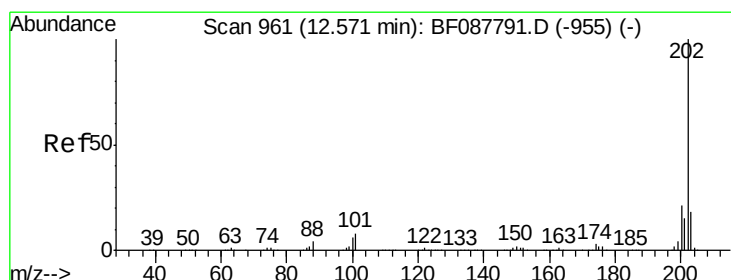
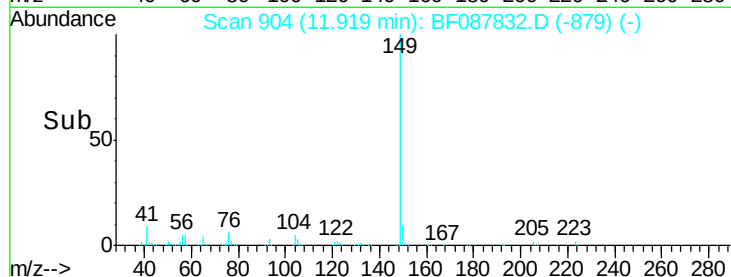
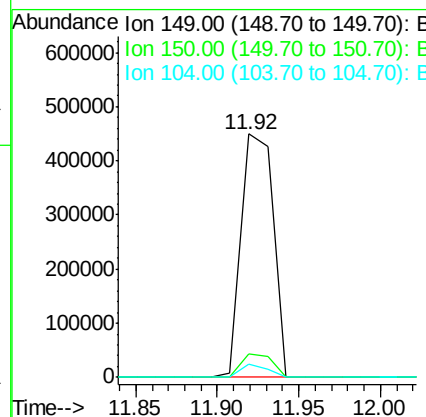
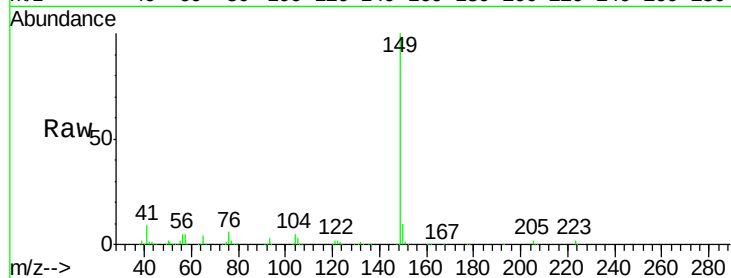
#73
Di-n-butylphthalate
Concen: 40.37 ng
RT: 11.92 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	607105		
150	9.6		7.8	11.6
104	5.4		4.0	6.0

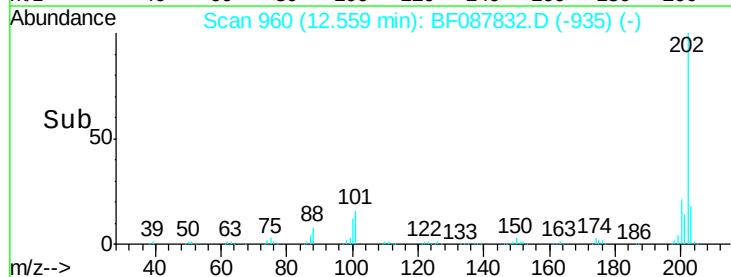
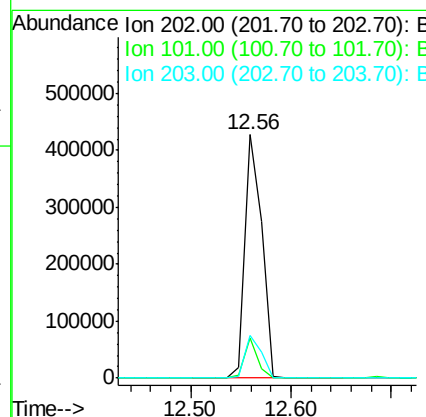
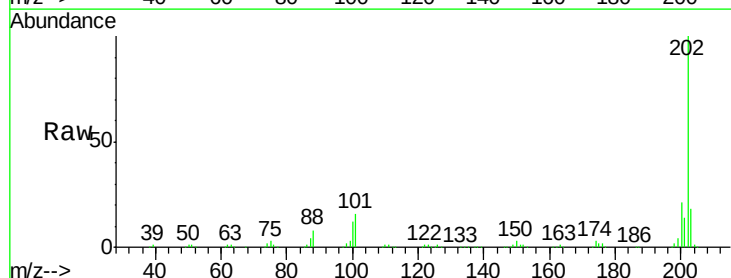
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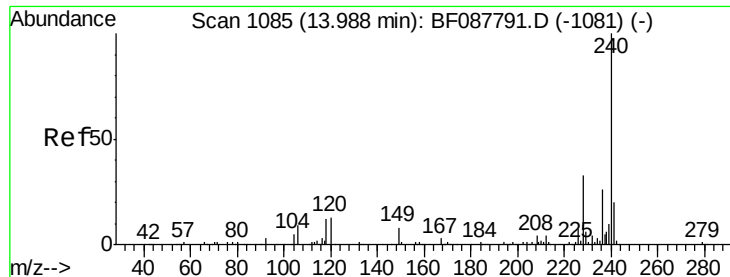
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#74
Fluoranthene
Concen: 37.59 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	499163		
101	16.4		0.0	33.1
203	17.8		0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BF087832.D

Acq: 9 Jun 2016 4:13

Instrument :

BNA_F

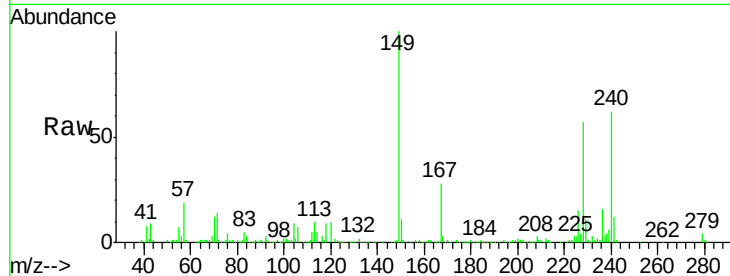
ClientSampleId :

SSTDCCC040

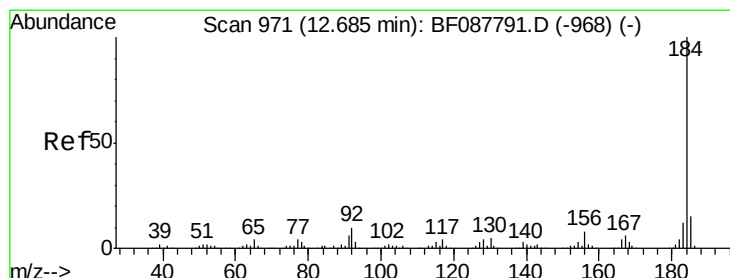
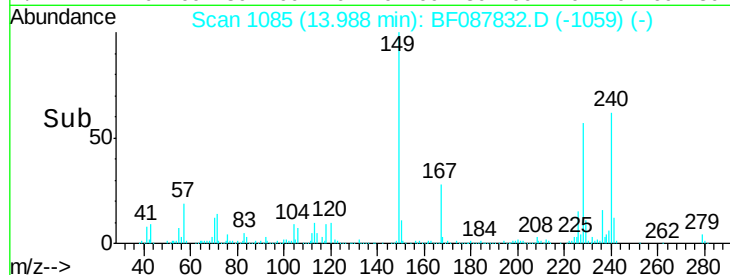
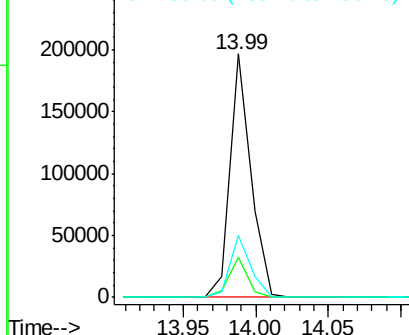
Tot Ion:	240	Resp:	196645
Ion Ratio	Lower	Upper	
240	100		
120	16.6	6.8	10.2#
236	25.6	20.2	30.2

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



#76

Benzidine

Concen: 54.90 ng

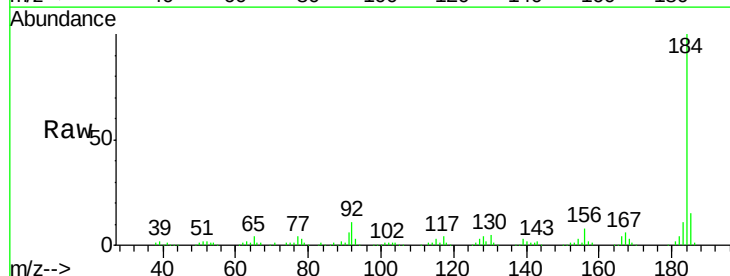
RT: 12.68 min Scan# 971

Delta R.T. -0.00 min

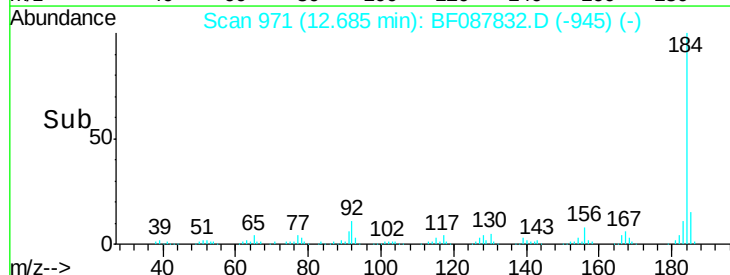
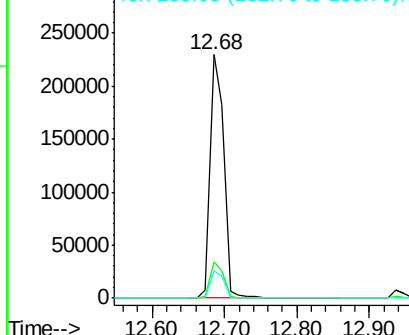
Lab File: BF087832.D

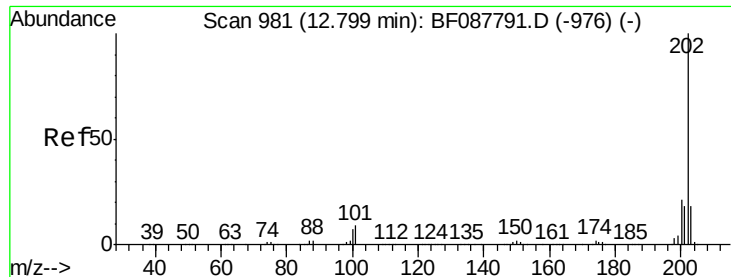
Acq: 9 Jun 2016 4:13

Tgt Ion:	184	Resp:	298937
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.5	18.7
183	11.3	9.3	13.9



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





#77

Pvrene

Concen: 34.91 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF087832.D

Acq: 9 Jun 2016 4:13

Instrument :

BNA_F

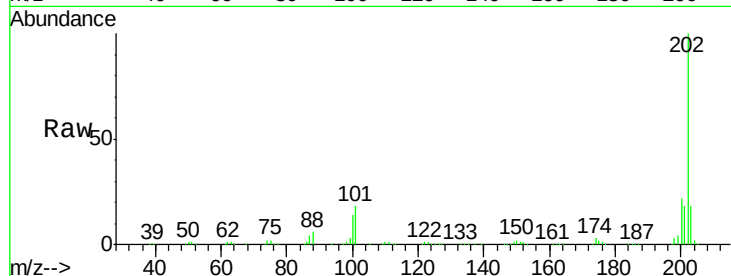
ClientSampleId :

SSTDCCC040

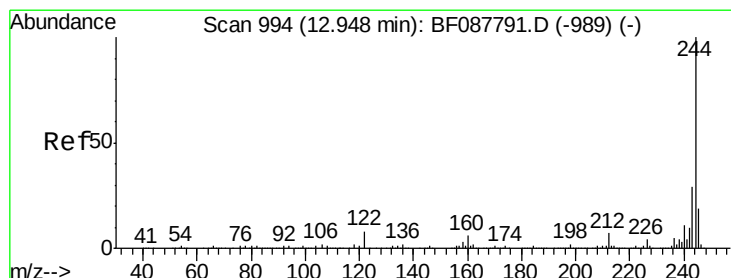
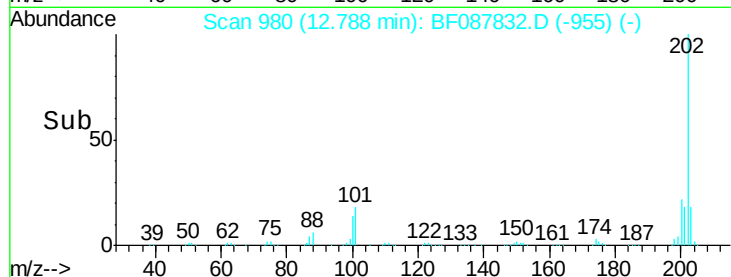
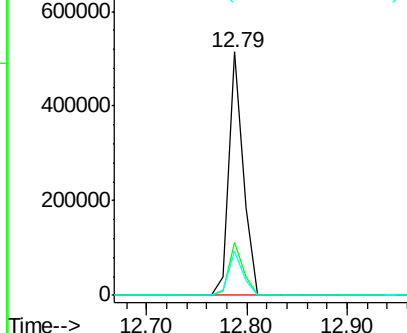
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		509415		
200	21.6	17.4	26.2		
203	17.9	14.5	21.7		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.33 ng

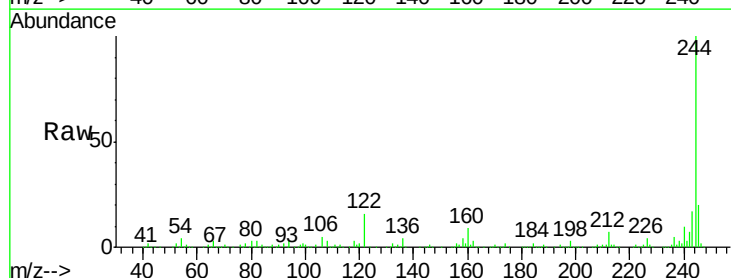
RT: 12.94 min Scan# 993

Delta R.T. -0.01 min

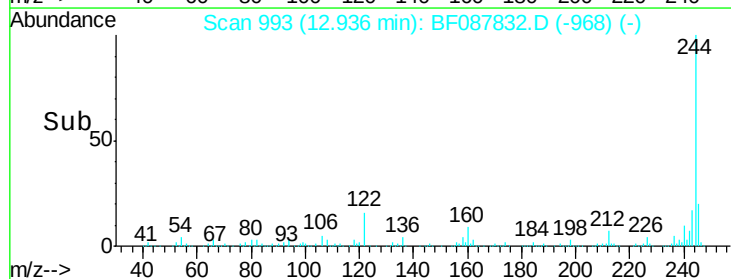
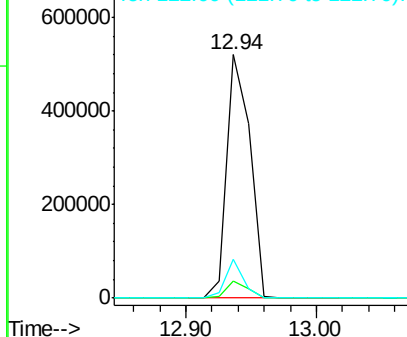
Lab File: BF087832.D

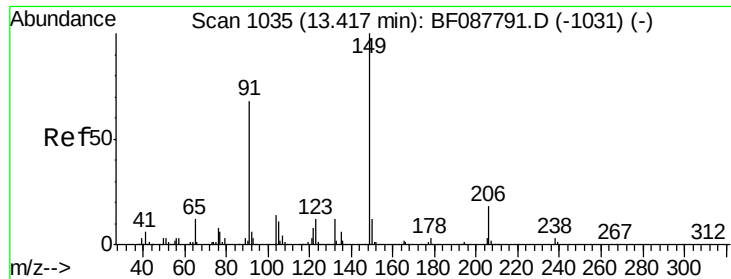
Acq: 9 Jun 2016 4:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		642362		
212	7.2	6.0	9.0		
122	16.0	11.2	16.8		



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





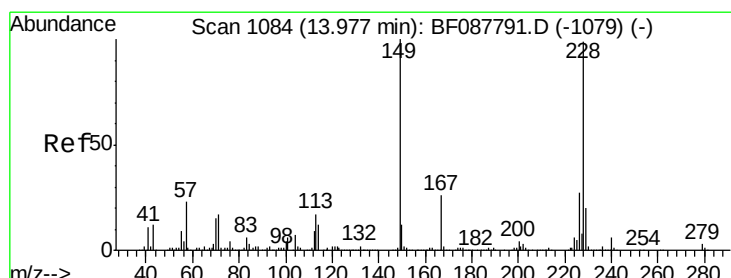
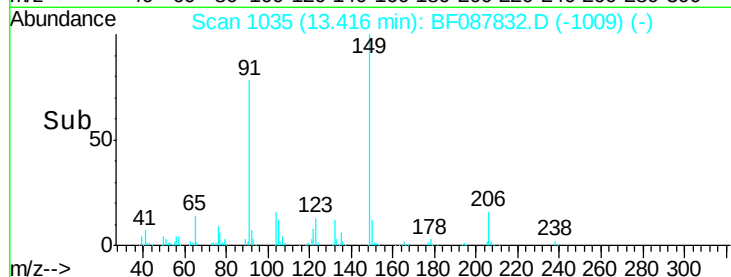
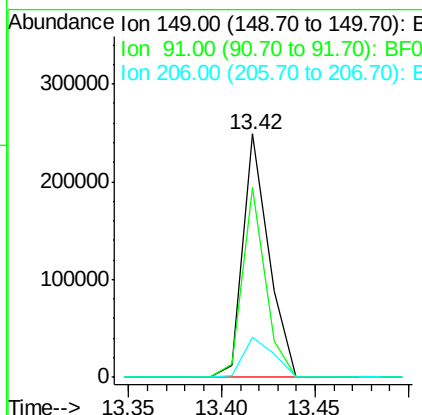
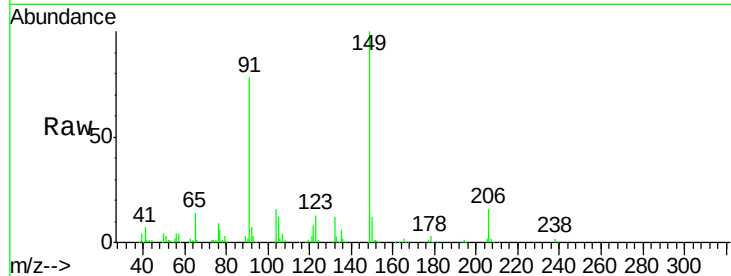
#79
Butylbenzylphthalate
Concen: 37.24 ng
RT: 13.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	240234		
91	78.1	48.0	72.0#	
206	16.2	16.0	24.0	

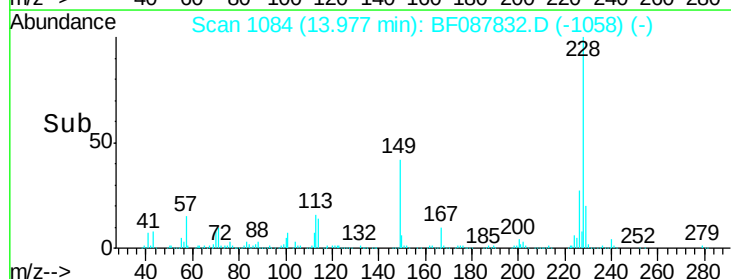
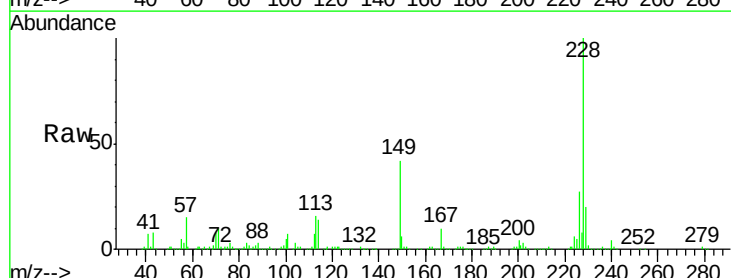
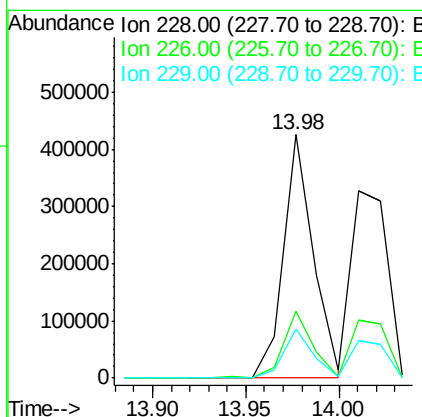
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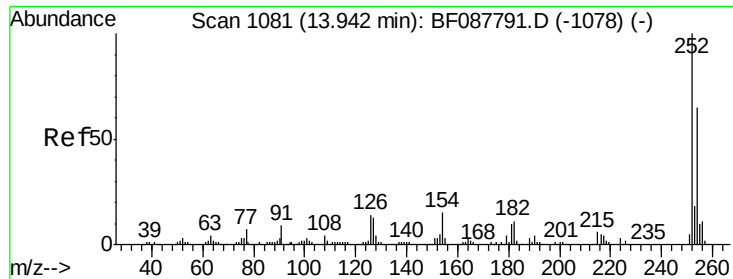
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#80
Benzo(a)anthracene
Concen: 42.39 ng
RT: 13.98 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	474989		
226	27.4	22.3	33.5	
229	20.3	16.0	24.0	





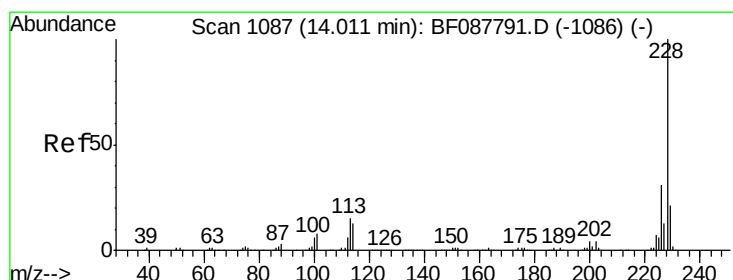
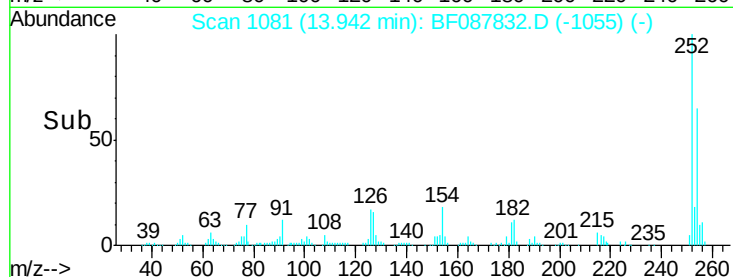
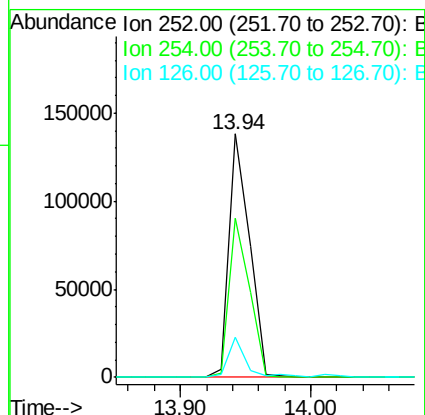
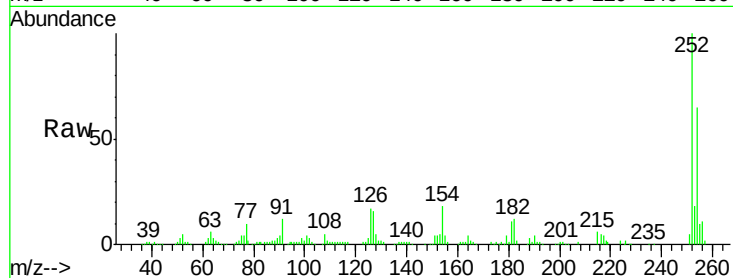
#81
 3,3'-Dichlorobenzidine
 Concen: 50.18 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BF087832.D
 Acq: 9 Jun 2016 4:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.2	52.6	78.8
126	16.6	6.2	9.2

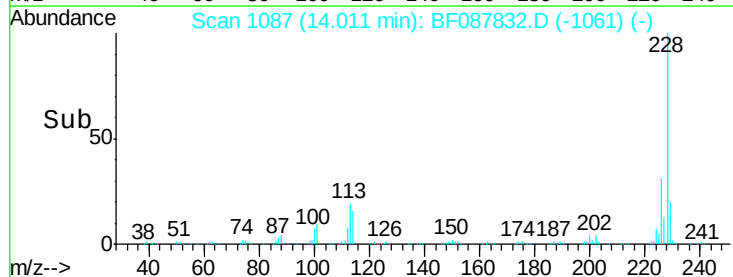
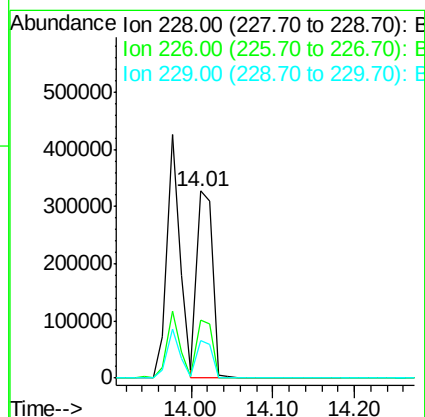
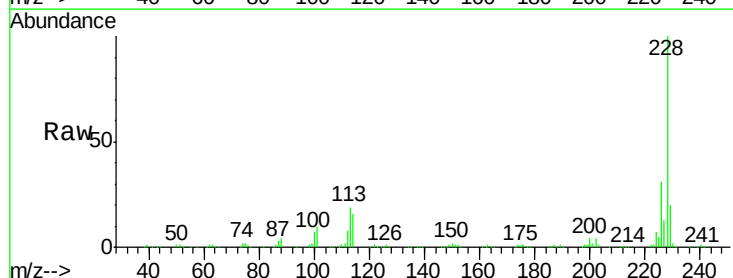
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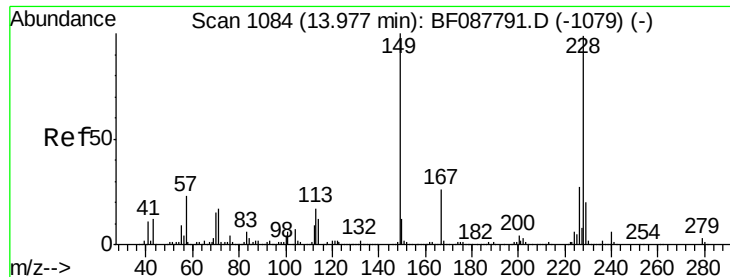
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#82
 Chrysene
 Concen: 42.37 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BF087832.D
 Acq: 9 Jun 2016 4:13

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.0	25.4	38.2
229	20.3	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.31 ng

RT: 13.99 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF087832.D

Acq: 9 Jun 2016 4:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 347962
Ion Ratio Lower Upper

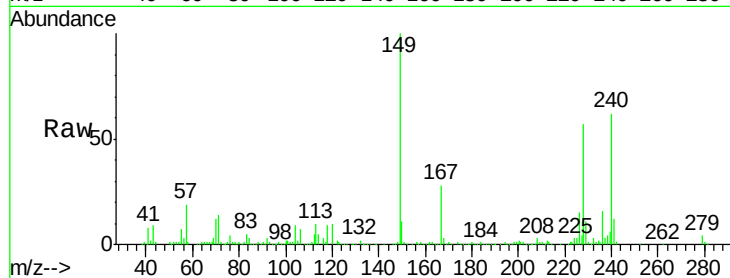
149 100

167 27.5 20.5 30.7

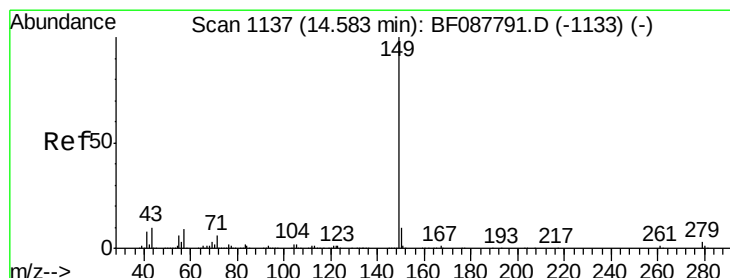
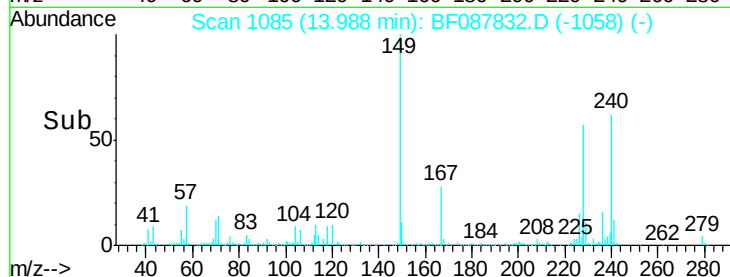
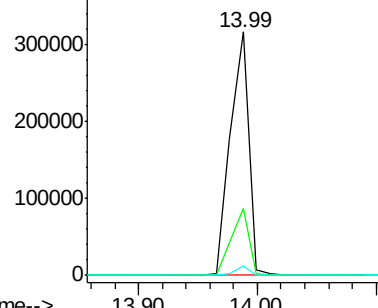
279 4.1 2.0 3.0#

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



#84

Di-n-octyl phthalate

Concen: 49.92 ng

RT: 14.59 min Scan# 1138

Delta R.T. 0.01 min

Lab File: BF087832.D

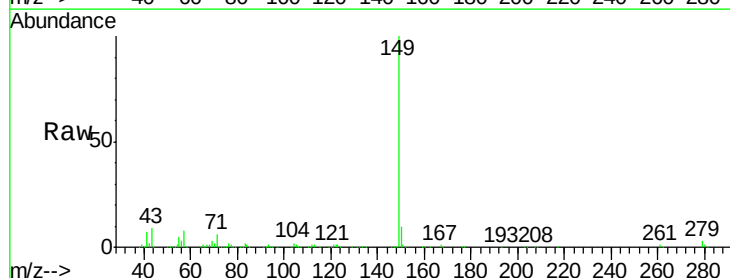
Acq: 9 Jun 2016 4:13

Tgt Ion:149 Resp: 637006
Ion Ratio Lower Upper

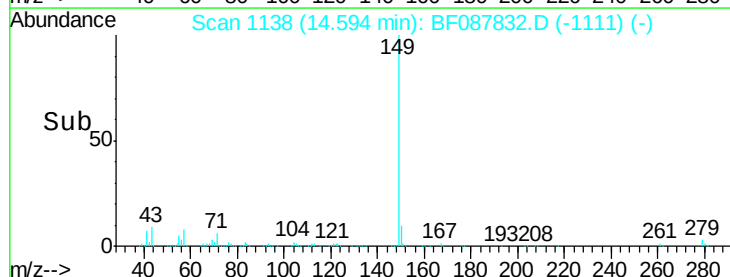
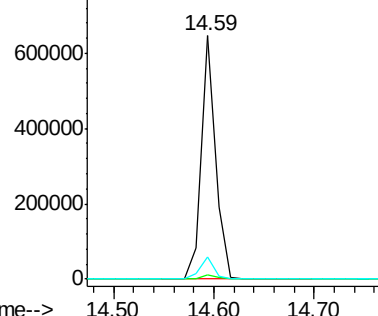
149 100

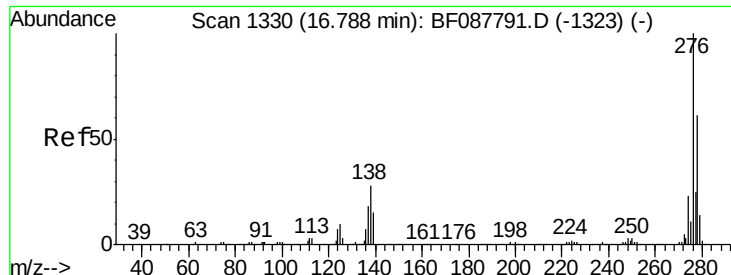
167 1.5 0.0 0.0#

43 9.0 0.0 0.0#



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





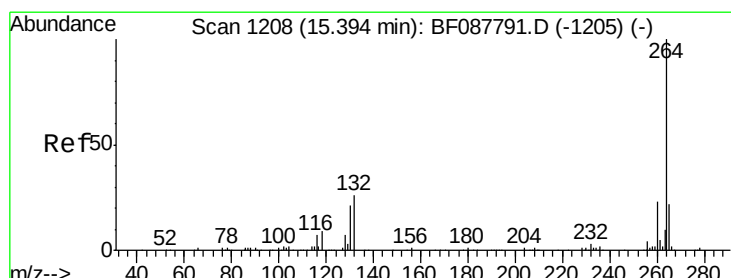
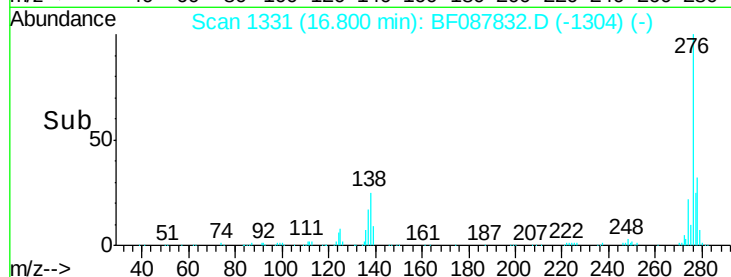
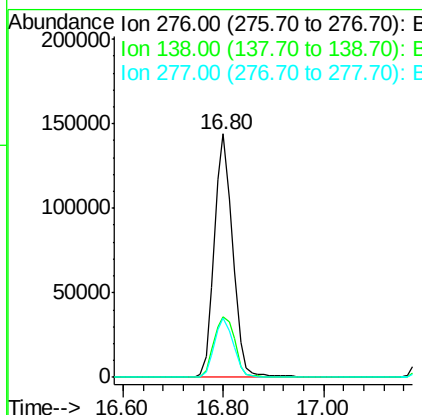
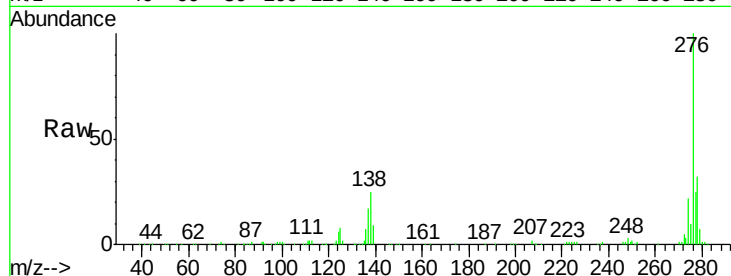
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.66 ng
 RT: 16.80 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF087832.D
 Acq: 9 Jun 2016 4:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	28.6	0.0	0.0#
277	25.0	0.0	0.0#

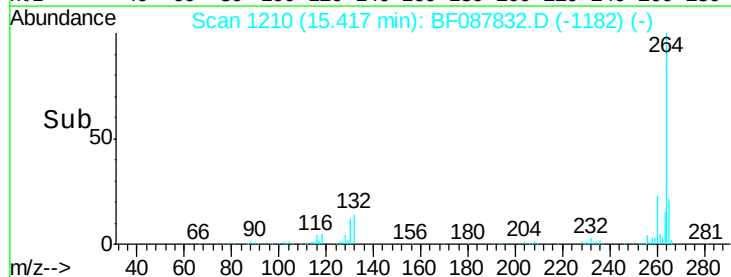
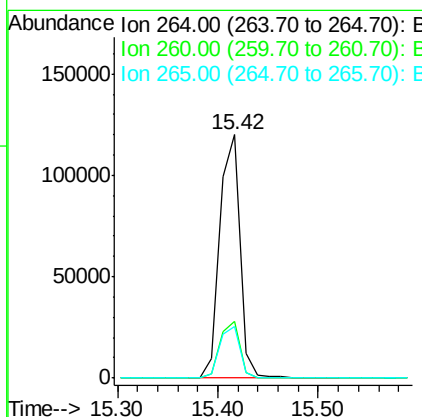
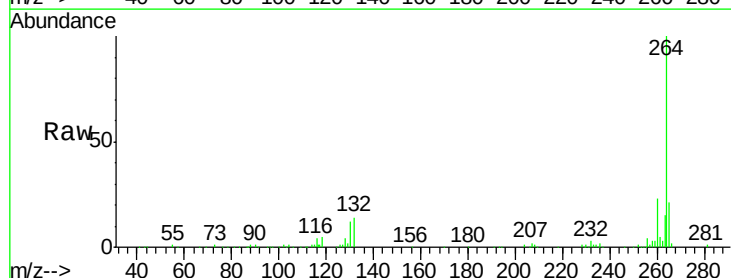
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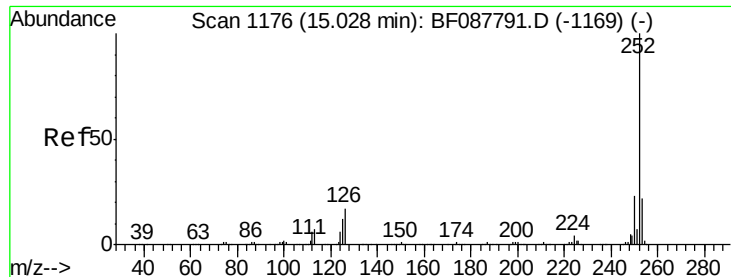
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1210
 Delta R.T. 0.02 min
 Lab File: BF087832.D
 Acq: 9 Jun 2016 4:13

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.1	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 34.78 ng

RT: 15.01 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF087832.D

Acq: 9 Jun 2016 4:13

Instrument :

BNA_F

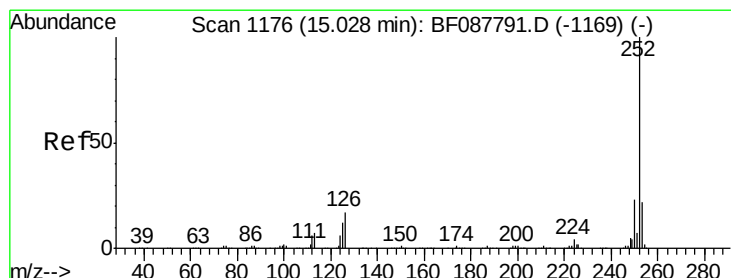
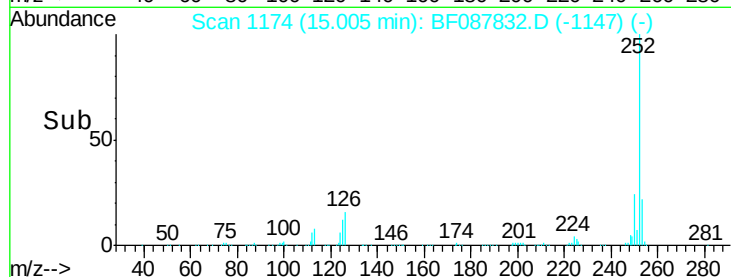
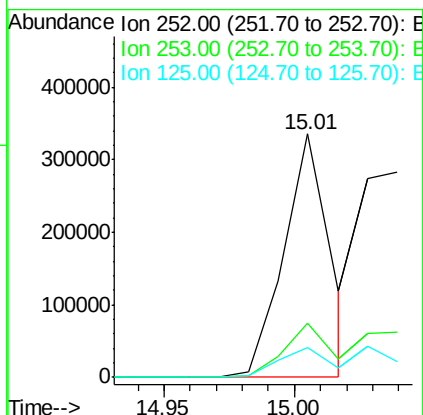
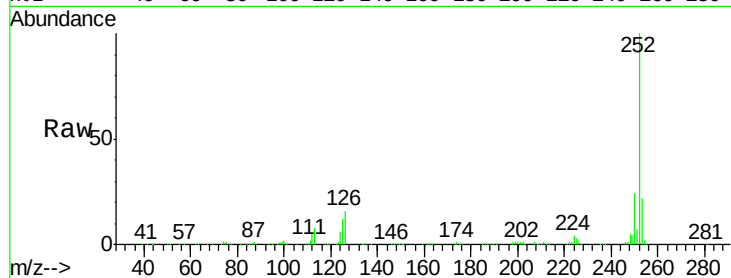
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	407535		
253	22.2	17.4	26.2	
125	12.1	7.1	10.7	

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#88

Benzo(k)fluoranthene

Concen: 45.20 ng m

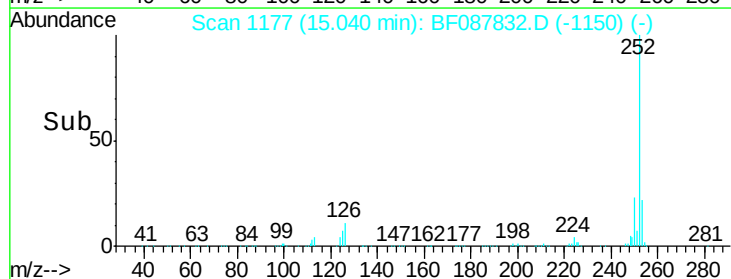
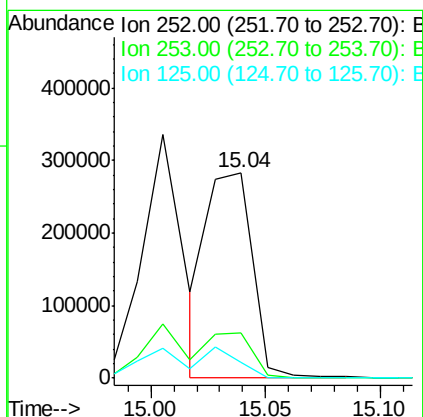
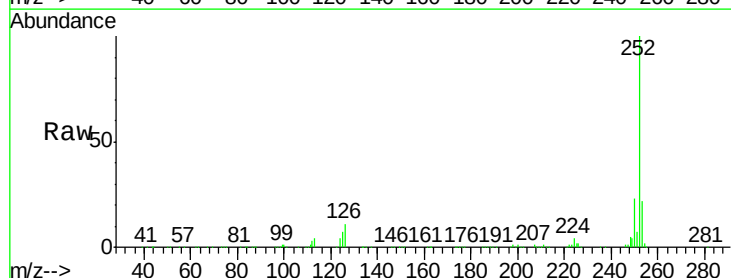
RT: 15.04 min Scan# 1177

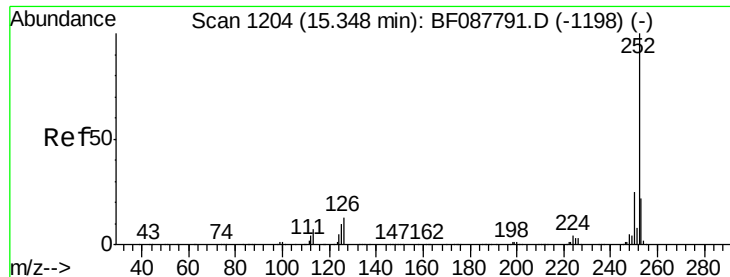
Delta R.T. 0.01 min

Lab File: BF087832.D

Acq: 9 Jun 2016 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	399517		
253	22.0	18.0	27.0	
125	7.4	11.2	16.8	





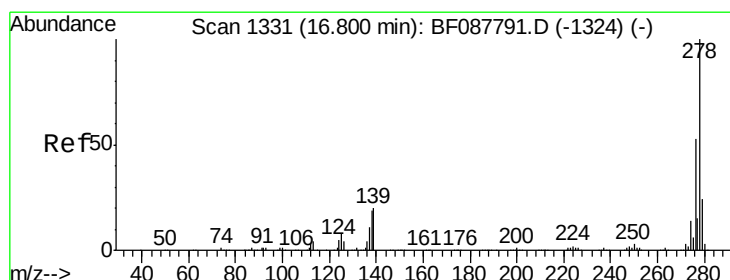
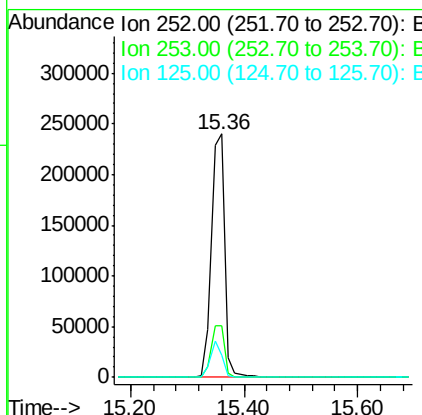
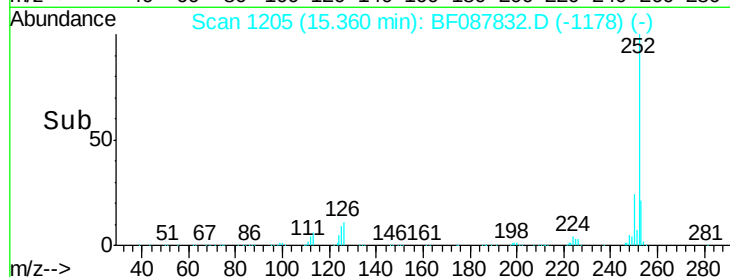
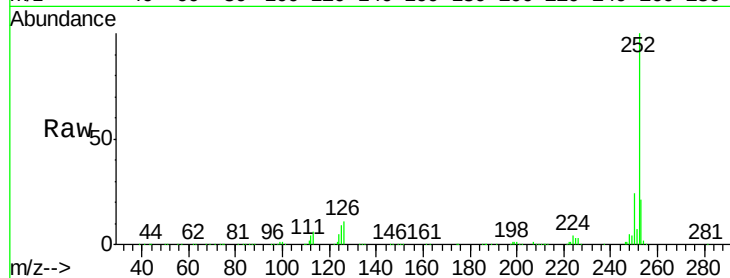
#89
Benzo(a)pyrene
Concen: 40.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.9	26.9
125	9.2	12.5	18.7

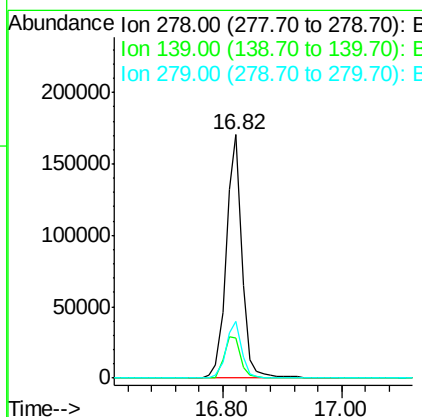
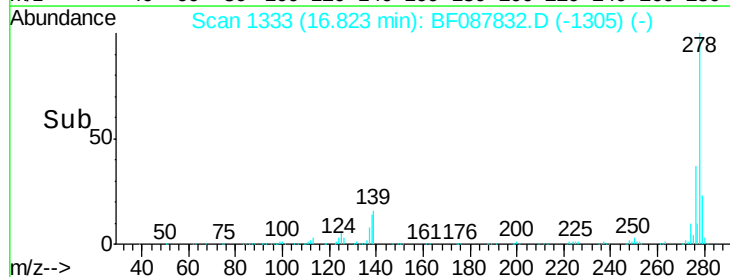
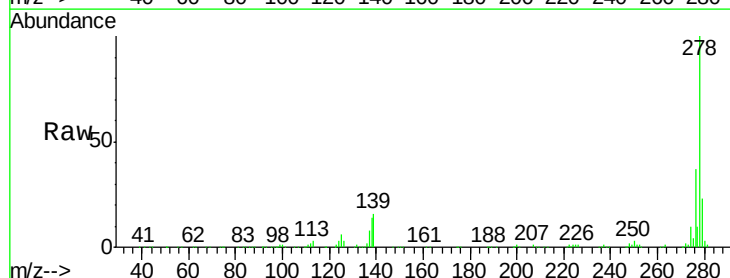
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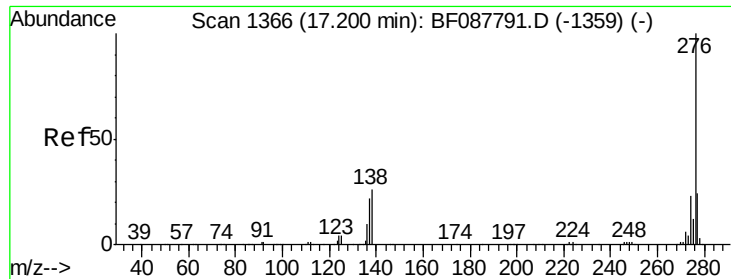
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#90
Dibenzo(a,h)anthracene
Concen: 35.41 ng
RT: 16.82 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BF087832.D
Acq: 9 Jun 2016 4:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.3	15.7	23.5
279	23.3	19.4	29.2





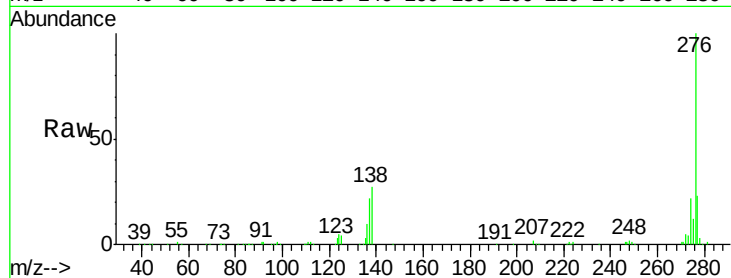
#91
 Benzo(a,h,i)perylene
 Concen: 33.05 ng
 RT: 17.21 min Scan# 1367
 Delta R.T. 0.01 min
 Lab File: BF087832.D
 Acq: 9 Jun 2016 4:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	299345
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.9	28.3
138	26.6	21.4	32.2

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

