

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
 Data File : BF086682.D
 Acq On : 4 May 2016 17:48
 Operator : UM/SJ
 Sample : H2685-12MS 4X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)MS

Manual Integrations
 APPROVED

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Quant Time: May 05 05:47:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	165485	40.00	ng	0.00
21) Naphthalene-d8	8.02	136	672890	40.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	300360	40.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	488667m	40.00	ng	0.00
75) Chrysene-d12	13.88	240	367473	40.00	ng	0.00
86) Perylene-d12	15.28	264	356061	40.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	394345	39.45	ng	-0.01
7) Phenol-d6	6.37	99	557331	41.39	ng	0.00
23) Nitrobenzene-d5	7.30	82	345250	26.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	105821	36.02	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	524549	28.63	ng	0.00
78) Terphenyl-d14	12.83	244	344175	18.93	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	39681	7.68	ng	# 63
3) Pyridine	2.98	79	90936	7.18	ng	# 77
4) n-Nitrosodimethylamine	2.89	42	63608	8.28	ng	# 52
6) Aniline	6.40	93	74891	4.51	ng	# 78
8) 2-Chlorophenol	6.51	128	126508	10.55	ng	# 74
9) Benzaldehyde	6.28	77	18915	2.82	ng	90
10) Phenol	6.38	94	169166	11.48	ng	88
11) bis(2-Chloroethyl)ether	6.48	93	131475	10.37	ng	99
12) 1,3-Dichlorobenzene	6.67	146	130921	10.28	ng	# 92
13) 1,4-Dichlorobenzene	6.75	146	136734	10.38	ng	94
14) 1,2-Dichlorobenzene	6.90	146	132254	11.53	ng	95
15) Benzyl Alcohol	6.88	79	100260	11.51	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	7.02	45	278093	10.73	ng	88
17) 2-Methylphenol	7.00	107	102649	10.63	ng	96
18) Hexachloroethane	7.24	117	48001	9.65	ng	# 90
19) n-Nitroso-di-n-propylamine	7.15	70	105150	11.43	ng	# 71
20) 3+4-Methylphenols	7.15	107	127766	11.30	ng	# 80
22) Acetophenone	7.15	105	177749	11.34	ng	# 92
24) Nitrobenzene	7.32	77	136382	10.07	ng	93
25) Isophorone	7.56	82	260800	10.69	ng	96
26) 2-Nitrophenol	7.64	139	62158	10.29	ng	95
27) 2,4-Dimethylphenol	7.69	122	122643	11.56	ng	95
28) bis(2-Chloroethoxy)methane	7.78	93	161358	12.02	ng	98
29) 2,4-Dichlorophenol	7.88	162	95687	10.49	ng	96
30) 1,2,4-Trichlorobenzene	7.96	180	105864	10.41	ng	95
31) Naphthalene	8.04	128	391050	11.37	ng	99
32) Benzoic acid	7.79	122	6421m	9.70	ng	
33) 4-Chloroaniline	8.10	127	72105	5.41	ng	# 94
34) Hexachlorobutadiene	8.17	225	60615	10.49	ng	99
35) Caprolactam	8.43	113	27329	9.68	ng	# 43
36) 4-Chloro-3-methylphenol	8.58	107	108342	10.41	ng	91
37) 2-Methylnaphthalene	8.74	142	226046	11.14	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	96833	11.14	ng	99
40) Hexachlorocyclopentadiene	8.89	237	15690	9.77	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	59111	10.69	nq	96
43) 2,4,5-Trichlorophenol	9.06	196	64185	11.11	nq	97
45) 1,1'-Biphenyl	9.20	154	289755	11.80	nq	96
46) 2-Chloronaphthalene	9.22	162	211683	11.17	nq	93
47) 2-Nitroaniline	9.32	65	68363	10.15	nq	92
48) Acenaphthylene	9.63	152	331281	11.78	nq	98
49) Dimethylphthalate	9.50	163	333198	14.88	nq	98
50) 2,6-Dinitrotoluene	9.56	165	53344	11.10	nq	95
51) Acenaphthene	9.80	154	212384	11.45	nq	98
52) 3-Nitroaniline	9.73	138	42346	7.75	nq	97
53) 2,4-Dinitrophenol	9.84	184	10150	16.74	nq #	41
54) Dibenzofuran	9.97	168	281426	12.24	nq	95
55) 4-Nitrophenol	9.90	139	41834	13.14	nq #	71
56) 2,4-Dinitrotoluene	9.96	165	64696	10.86	nq	94
57) Fluorene	10.32	166	221705	11.89	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	50850	11.99	nq	97
59) Diethylphthalate	10.20	149	239508	11.30	nq	95
60) 4-Chlorophenyl-phenylether	10.32	204	103272	11.65	nq #	87
61) 4-Nitroaniline	10.34	138	42290	8.06	nq	79
62) Azobenzene	10.48	77	254017	10.82	nq	89
64) 4,6-Dinitro-2-methylphenol	10.37	198	12601	10.84	nq	80
65) n-Nitrosodiphenylamine	10.43	169	187217	12.07	nq	100
66) 4-Bromophenyl-phenylether	10.81	248	54675	11.26	nq #	80
67) Hexachlorobenzene	10.86	284	65277	11.02	nq #	87
68) Atrazine	10.96	200	54100	11.38	nq	93
69) Pentachlorophenol	11.06	266	49850	21.90	nq	96
70) Phenanthrene	11.28	178	297429	11.33	nq	99
71) Anthracene	11.32	178	303351	11.04	nq	99
72) Carbazole	11.48	167	252362	10.57	nq	99
73) Di-n-butylphthalate	11.82	149	329756	11.64	nq	99
74) Fluoranthene	12.45	202	268068	10.19	nq	98
76) Benzidine	12.64	184	7364	7.72	nq #	8
77) Pyrene	12.68	202	274072	9.36	nq	99
79) Butylbenzylphthalate	13.31	149	104329	8.50	nq #	69
80) Benzo(a)anthracene	13.87	228	213130	10.26	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	43581	3.34	nq	96
82) Chrysene	13.91	228	214682	9.68	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	136084	9.58	nq #	99
84) Di-n-octyl phthalate	14.49	149	254877	12.20	nq #	84
85) Indeno(1,2,3-cd)pyrene	16.59	276	201730	10.60	nq	92
87) Benzo(b)fluoranthene	14.88	252	254114m	11.88	nq	
88) Benzo(k)fluoranthene	14.91	252	178643m	8.86	nq	
89) Benzo(a)pyrene	15.22	252	213836	10.85	nq	97
90) Dibenzo(a,h)anthracene	16.60	278	163617	8.64	nq	99
91) Benzo(g,h,i)perylene	16.98	276	158117	7.96	nq	99

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

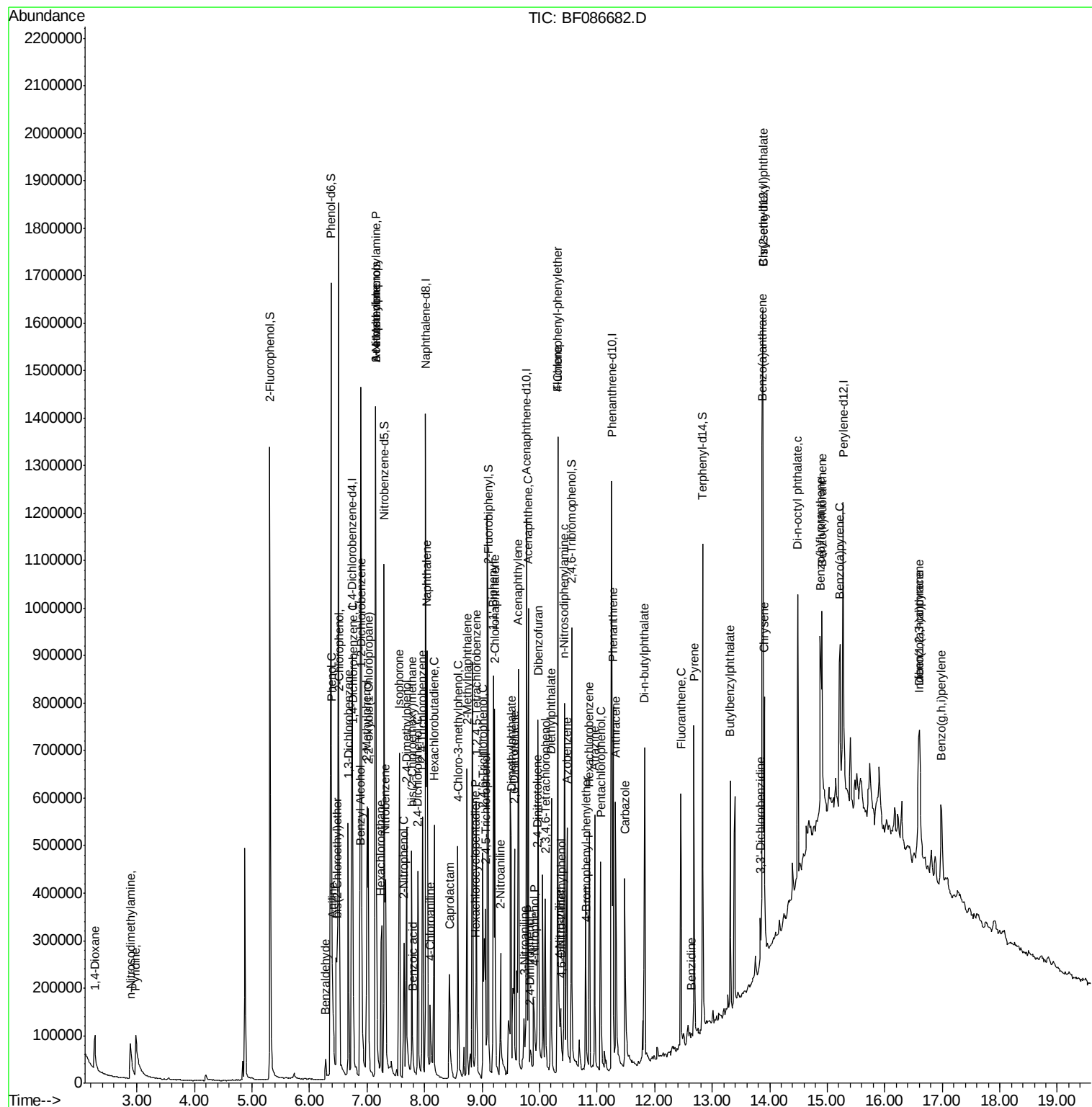
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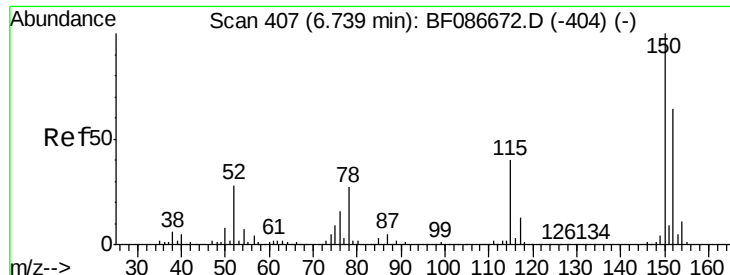
Instrument :
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ClientSampleId :
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#1

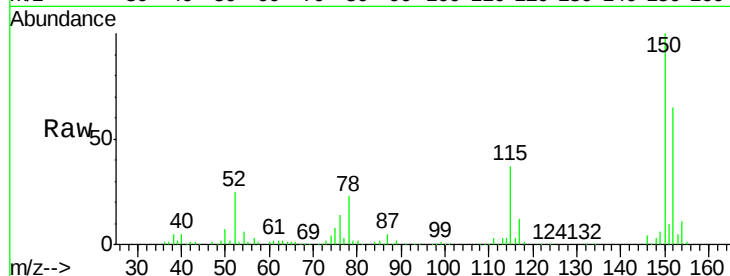
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

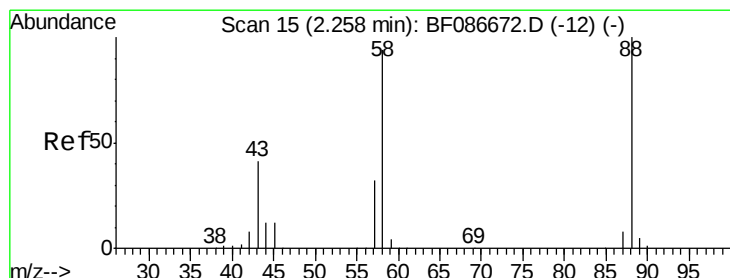
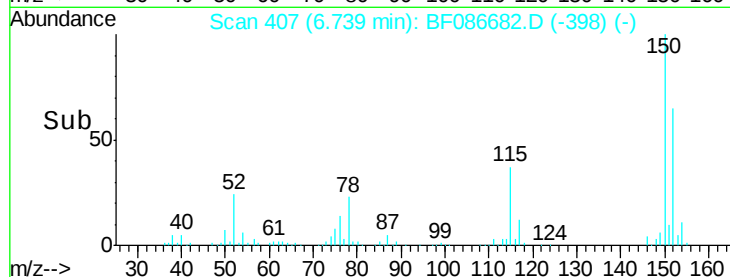
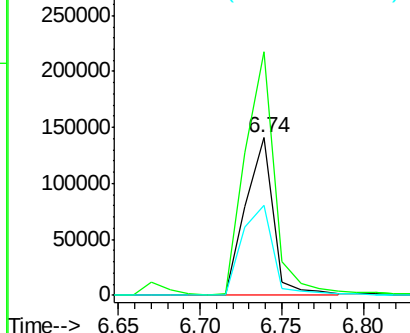
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.8	188.6
115	56.9	51.5	77.3

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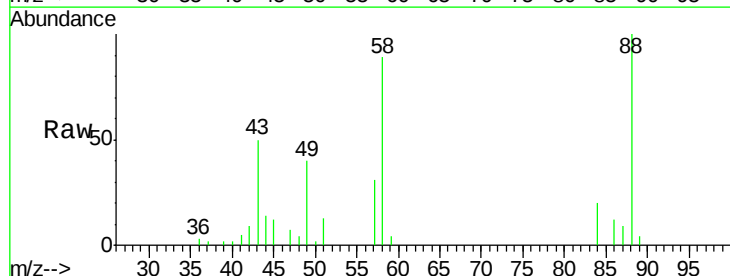
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



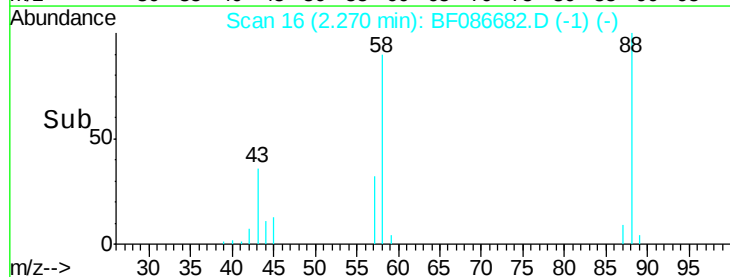
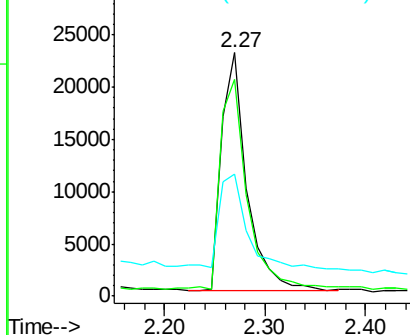
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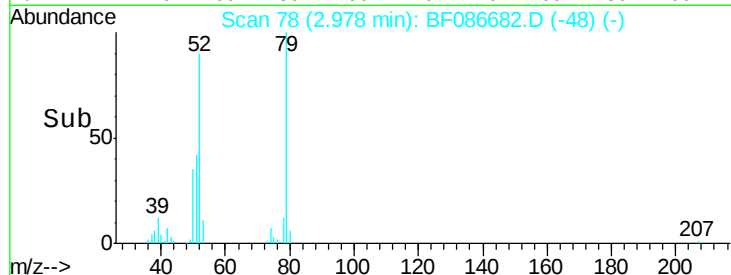
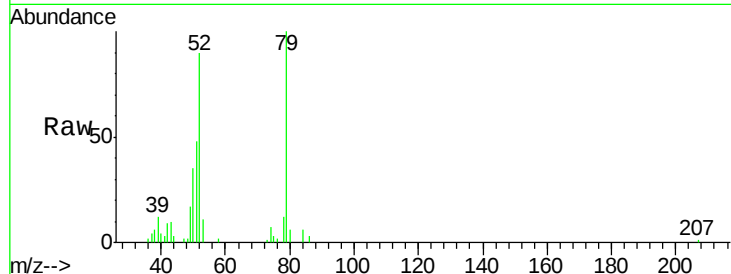
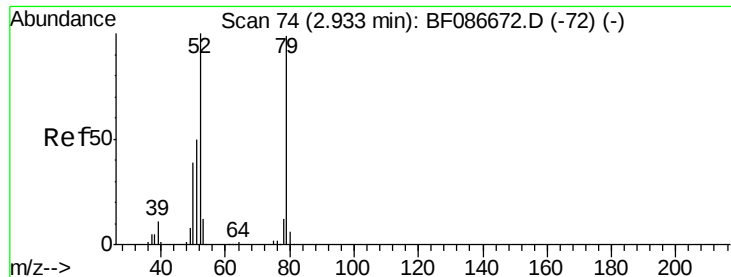
1,4-Dioxane
Concen: 7.68 ng
RT: 2.27 min Scan# 16
Delta R.T. 0.01 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.5	59.6	89.4#
43	58.3	21.8	32.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





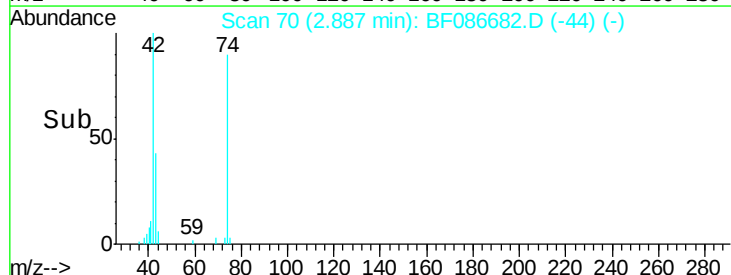
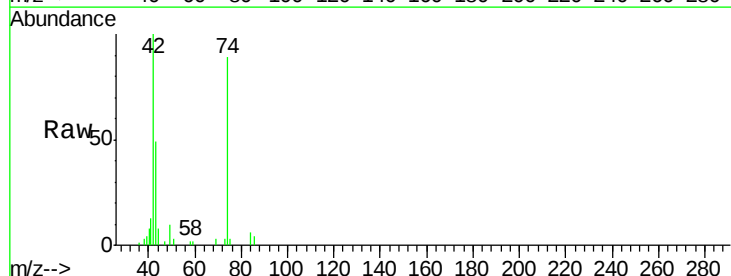
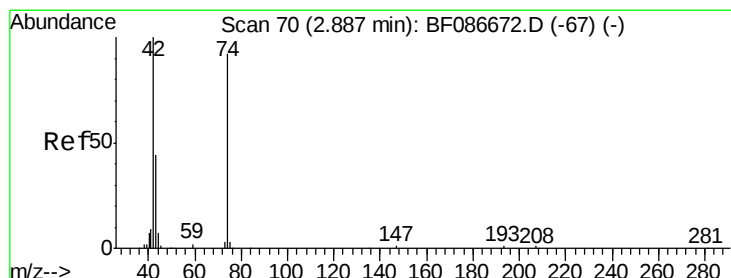
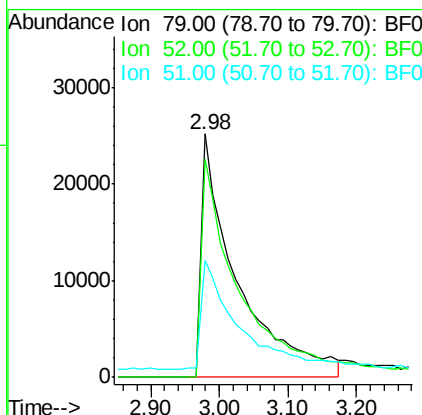
#3
 Pvridine
 Concen: 7.18 ng
 RT: 2.98 min Scan# 78
 Delta R.T. 0.05 min
 Lab File: BF086682.D
 Acq: 4 May 2016 17:48

Tot Ion	Ratio	Lower	Upper
79	100		
52	89.6	55.9	83.9#
51	47.8	28.1	42.1#

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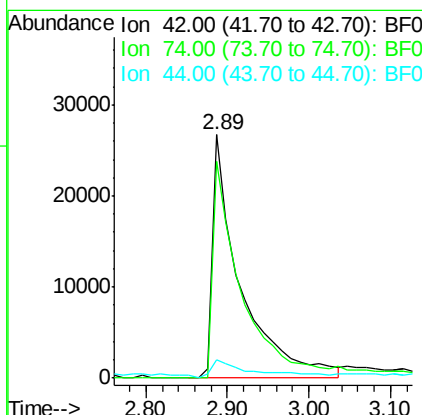
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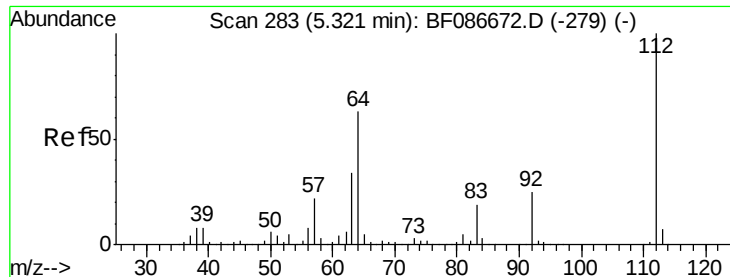
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#4
 n-Nitrosodimethylamine
 Concen: 8.28 ng
 RT: 2.89 min Scan# 70
 Delta R.T. 0.00 min
 Lab File: BF086682.D
 Acq: 4 May 2016 17:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	89.0	123.4	185.0#
44	7.7	5.8	8.6





#5

2-Fluorophenol

Concen: 39.45 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.01 min

Lab File: BF086682.D

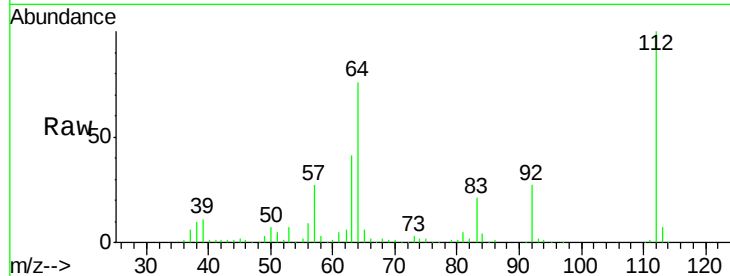
Acq: 4 May 2016 17:48

Instrument :
BNA_F
ClientSampleId :
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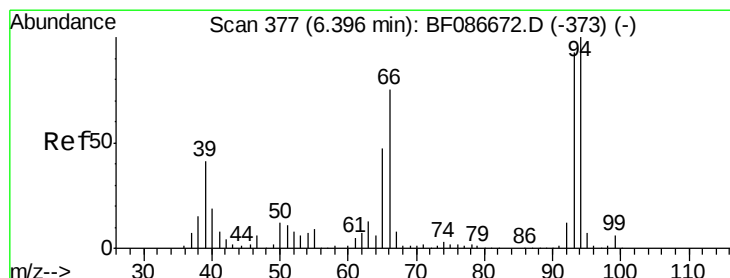
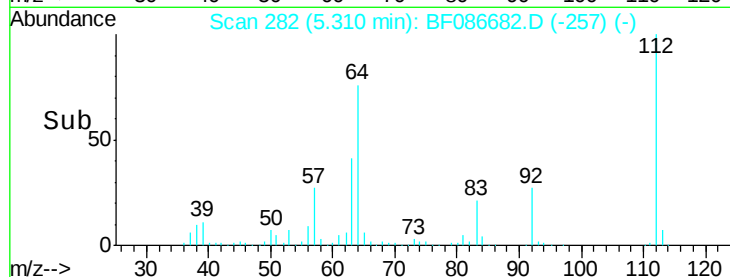
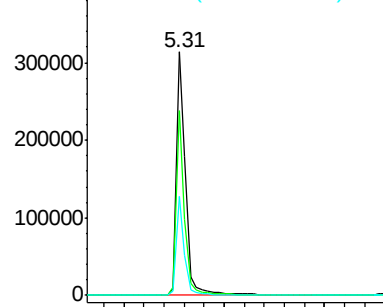
Tot Ion:	112	Resp:	394345
Ion Ratio	Lower	Upper	
112	100		
64	75.7	52.1	78.1
63	40.8	25.7	38.5#

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Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 4.51 ng

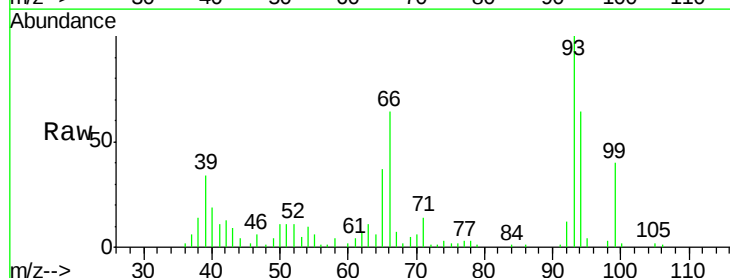
RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

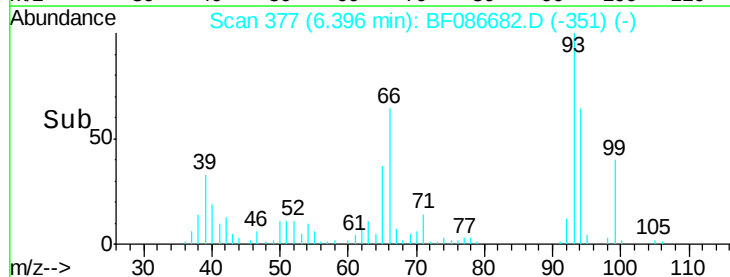
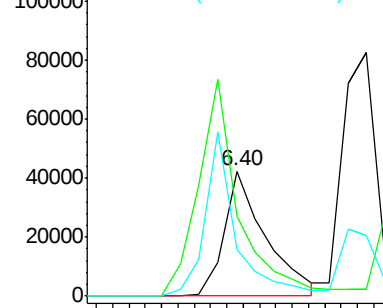
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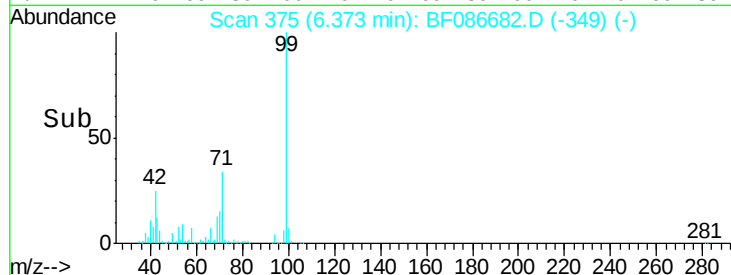
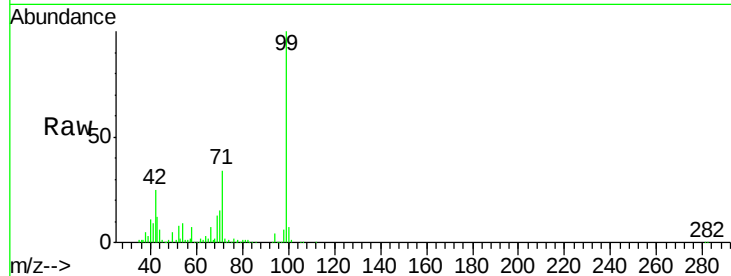
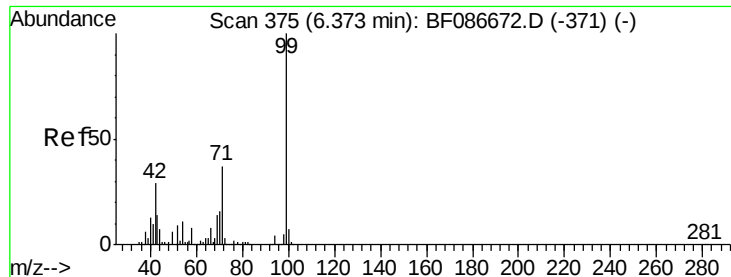
Acq: 4 May 2016 17:48

Tgt Ion:	93	Resp:	74891
Ion Ratio	Lower	Upper	
93	100		
66	63.6	39.0	58.6#
65	37.3	20.6	31.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 41.39 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086682.D

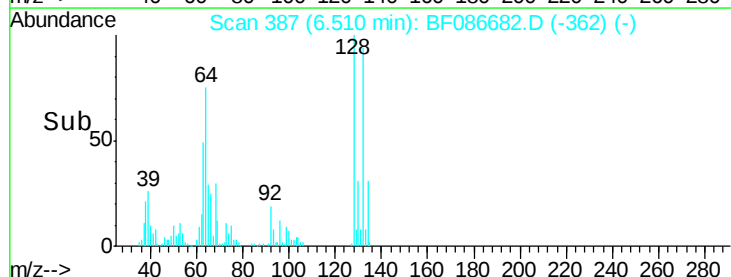
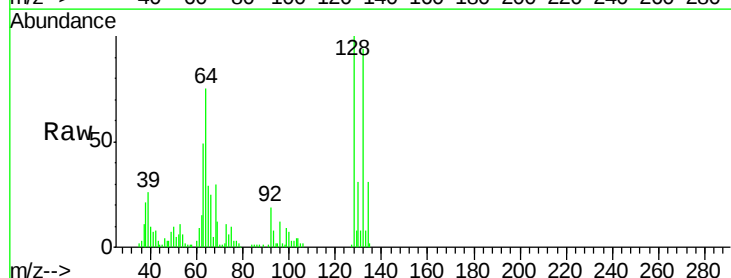
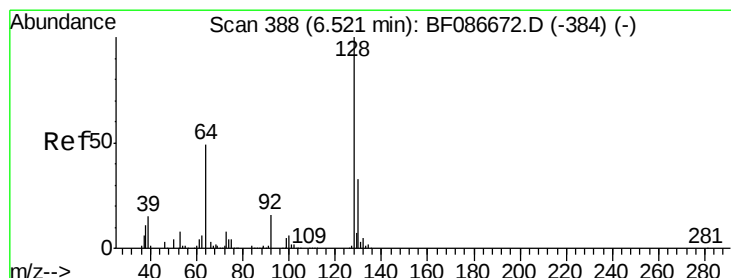
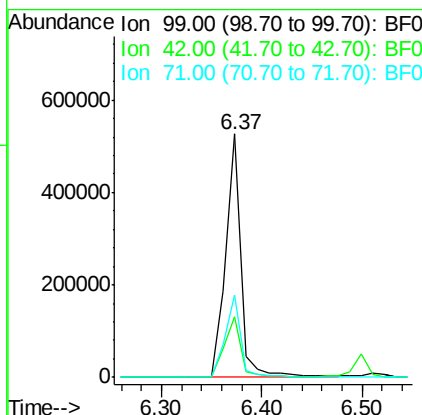
Acq: 4 May 2016 17:48

Tot Ion:	99	Resp:	557331
Ion Ratio	Lower	Upper	
99	100		
42	25.1	13.6	20.4#
71	33.7	24.6	36.8

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#8

2-Chlorophenol

Concen: 10.55 ng

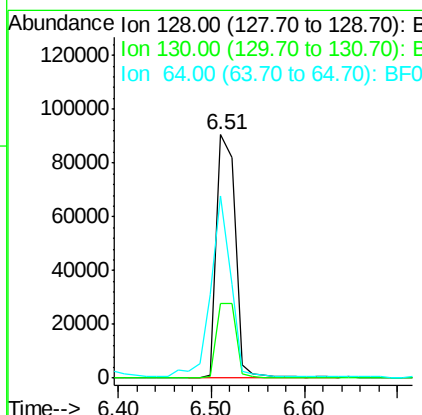
RT: 6.51 min Scan# 387

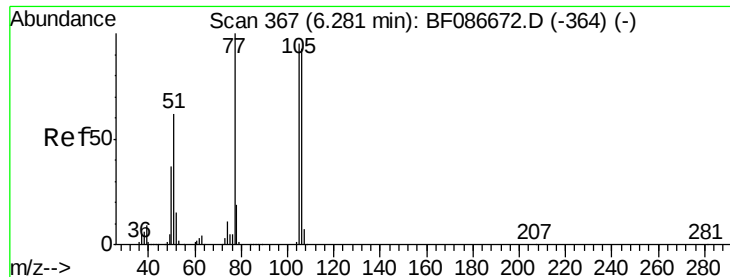
Delta R.T. -0.01 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Tgt Ion:	128	Resp:	126508
Ion Ratio	Lower	Upper	
128	100		
130	30.7	12.5	52.5
64	74.6	27.3	67.3#





#9

Benzaldehyde

Concen: 2.82 ng

RT: 6.28 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF086682.D

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Instrument :

BNA_F

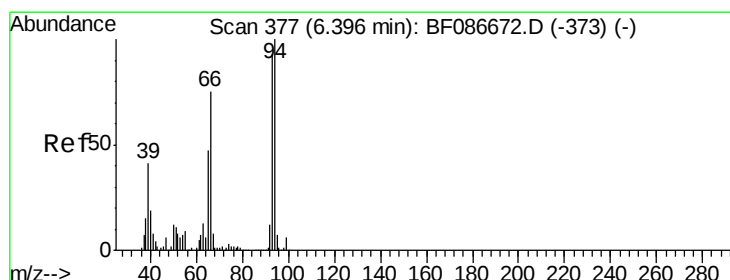
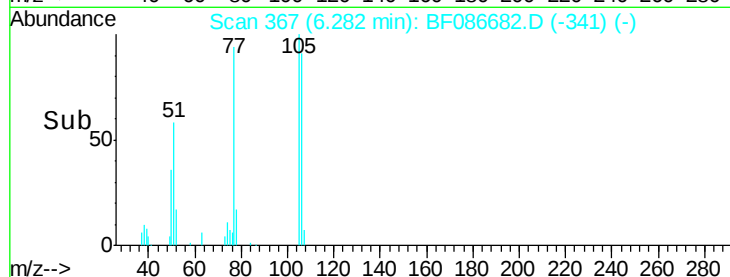
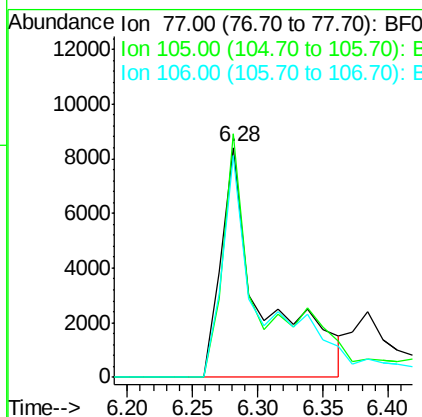
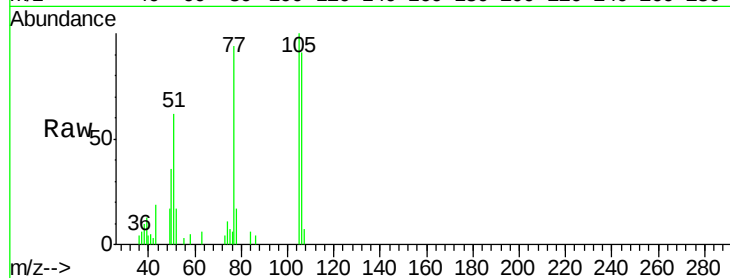
ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion:	77	Resp:	18915
Ion	Ratio	Lower	Upper
77	100		
105	106.0	72.7	112.7
106	96.4	70.8	110.8

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#10

Phenol

Concen: 11.48 ng

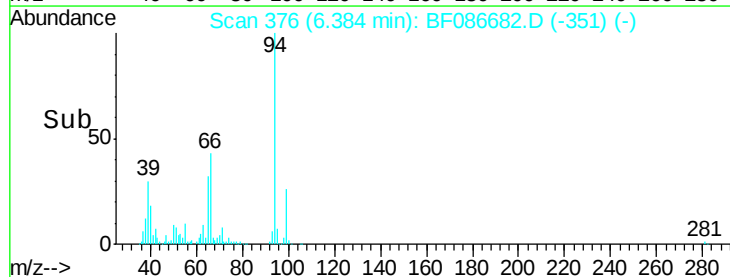
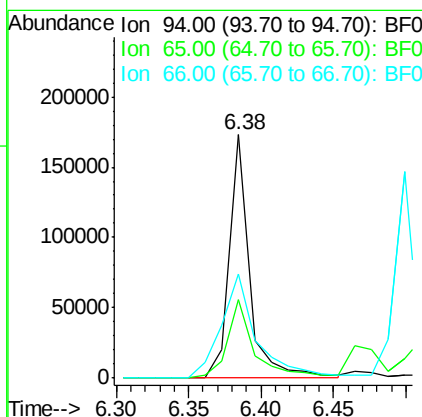
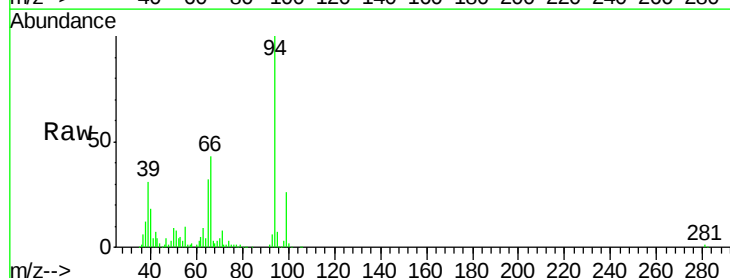
RT: 6.38 min Scan# 376

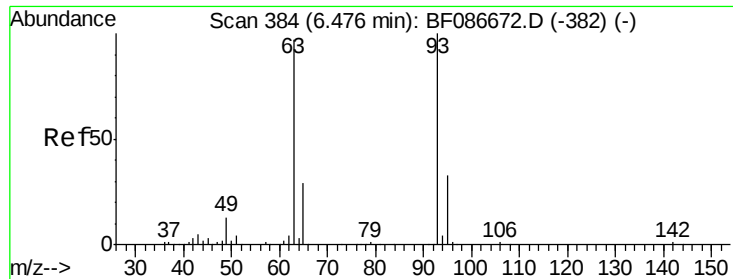
Delta R.T. -0.01 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Tgt Ion:	94	Resp:	169166
Ion	Ratio	Lower	Upper
94	100		
65	32.1	7.2	47.2
66	42.6	14.9	54.9





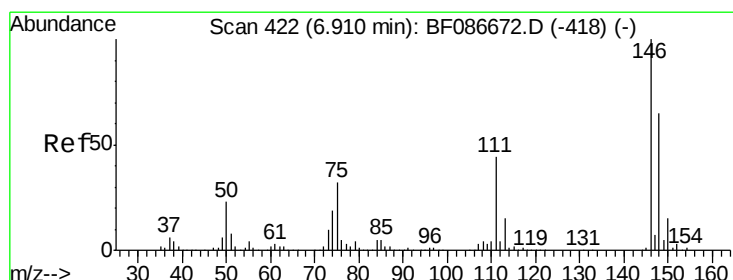
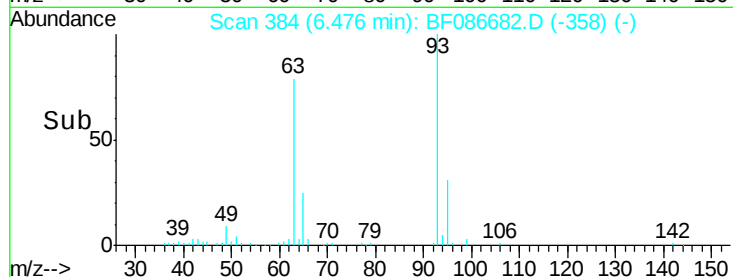
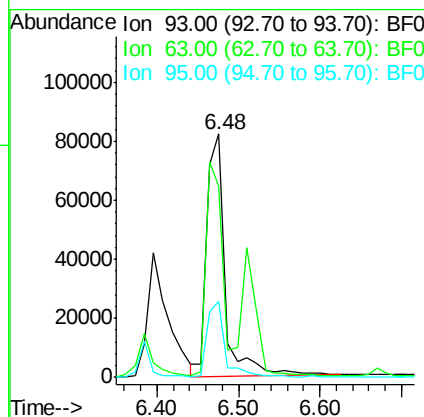
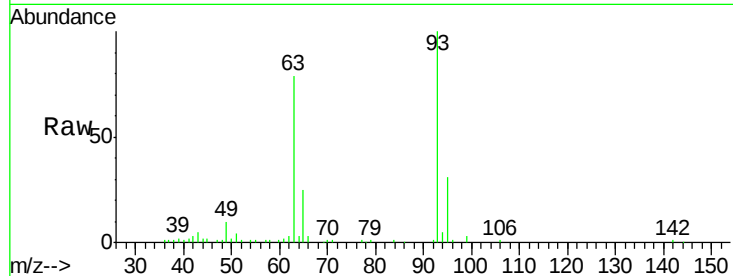
#11
bis(2-Chloroethyl)ether
Concen: 10.37 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.00 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion	93	Resp	131475
Ion	Ratio	Lower	Upper
93	100		
63	78.7	58.0	98.0
95	31.4	11.9	51.9

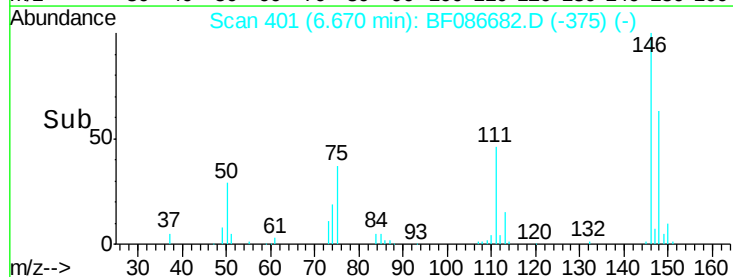
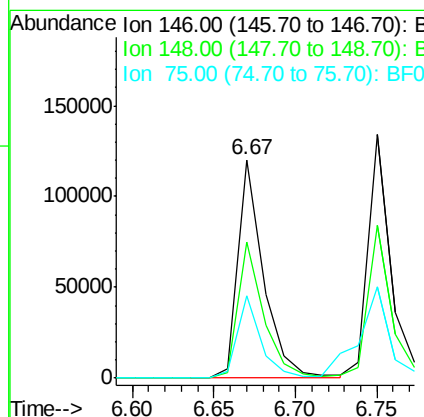
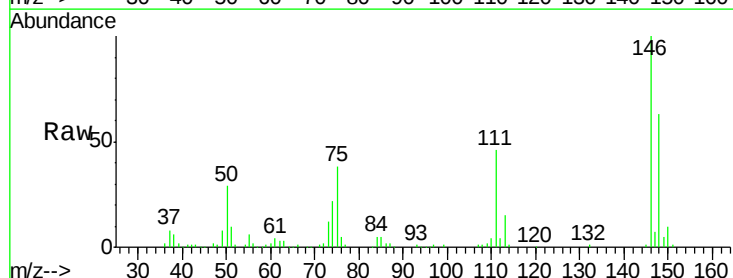
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#12
1,3-Dichlorobenzene
Concen: 10.28 ng
RT: 6.67 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Tgt Ion	146	Resp	130921
Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.4	78.6
75	37.5	22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 10.38 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Instrument :

BNA_F

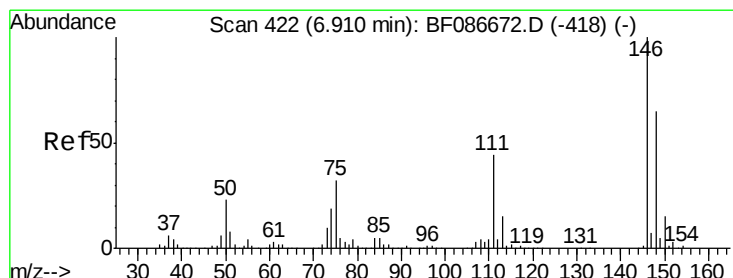
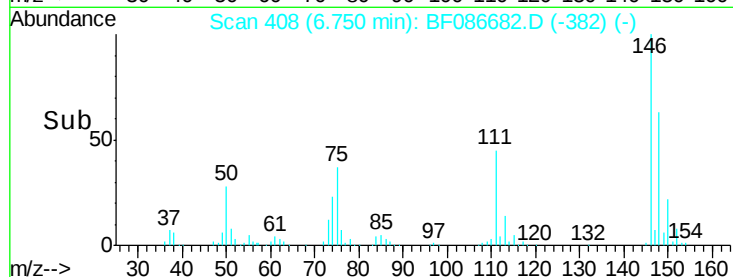
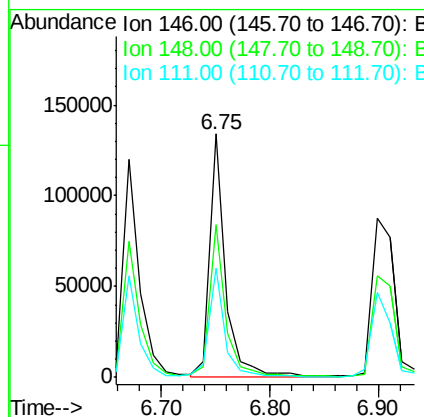
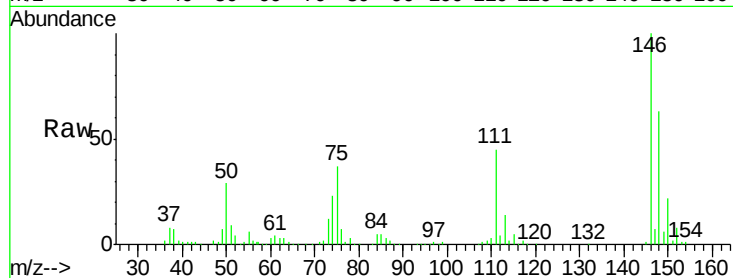
ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion:	146	Resp:	136734
Ion Ratio	Lower	Upper	
146	100		
148	62.8	52.2	78.4
111	44.8	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 11.53 ng

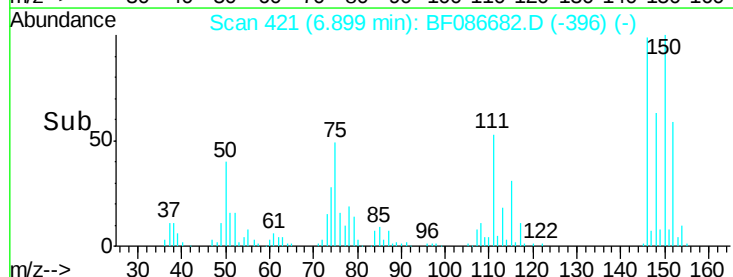
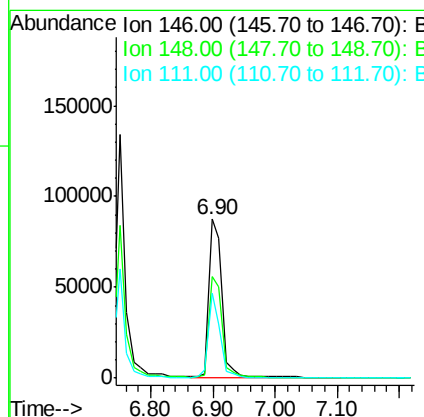
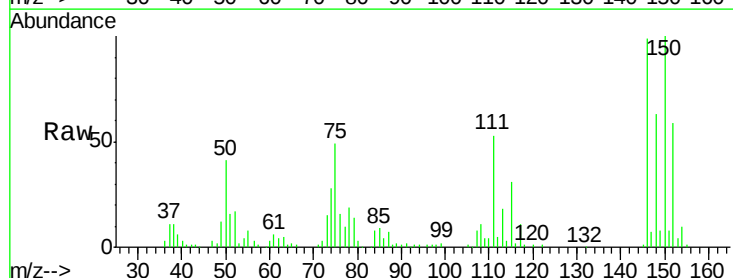
RT: 6.90 min Scan# 421

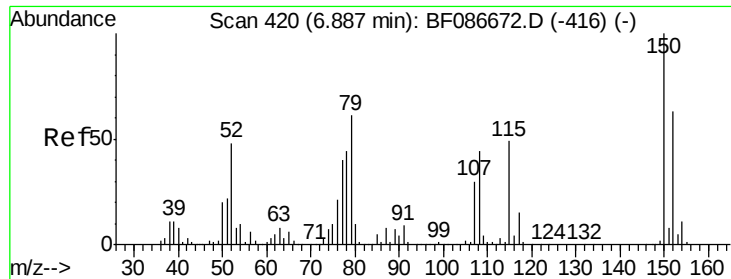
Delta R.T. -0.01 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Tgt Ion:	146	Resp:	132254
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.0	76.6
111	53.5	36.2	54.4





#15

Benzyl Alcohol

Concen: 11.51 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Instrument :

BNA_F

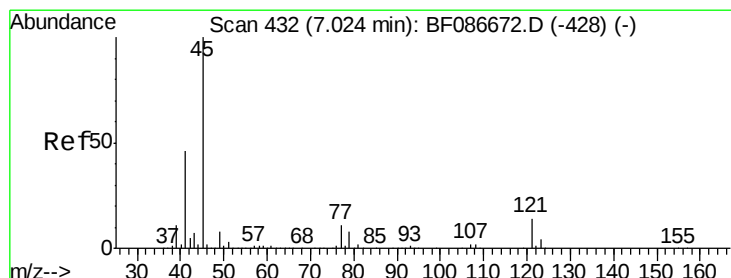
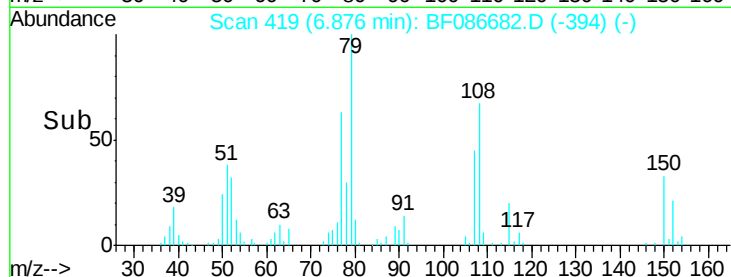
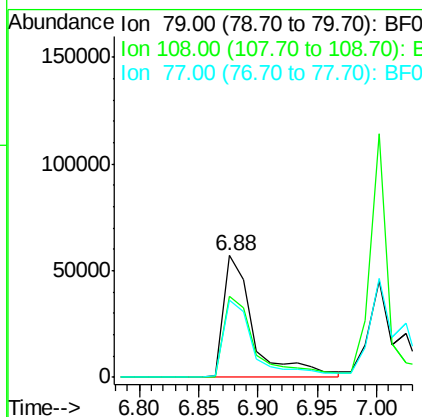
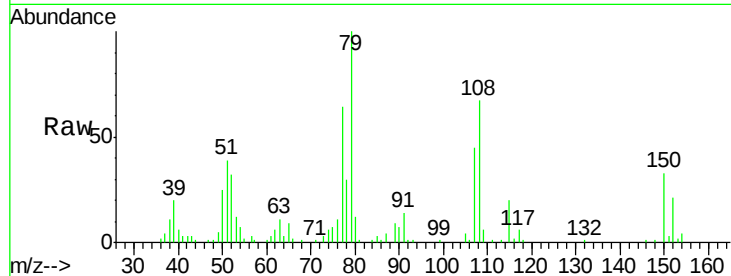
ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.8	68.4	102.6#
77	63.8	50.6	76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.73 ng

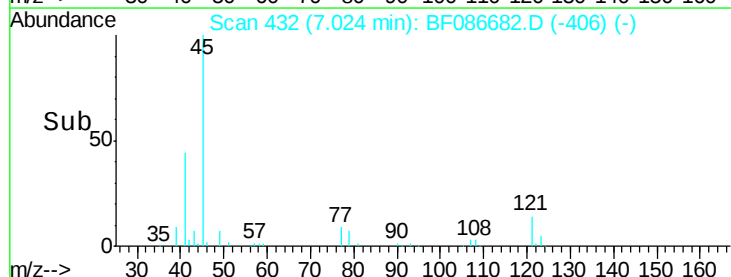
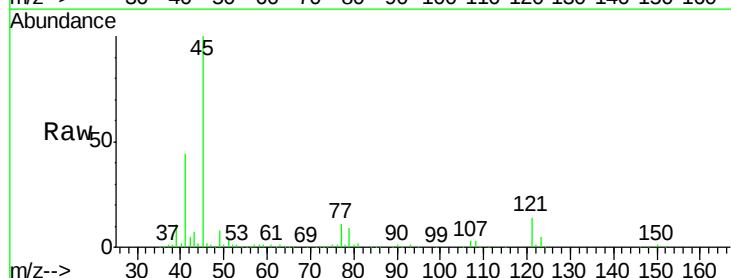
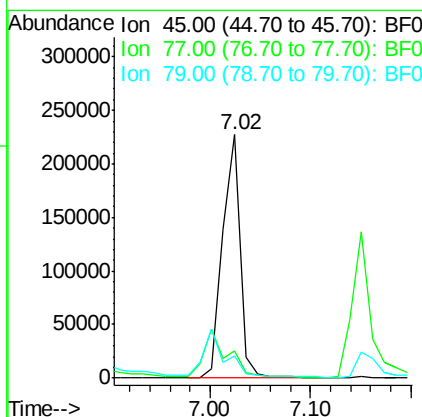
RT: 7.02 min Scan# 432

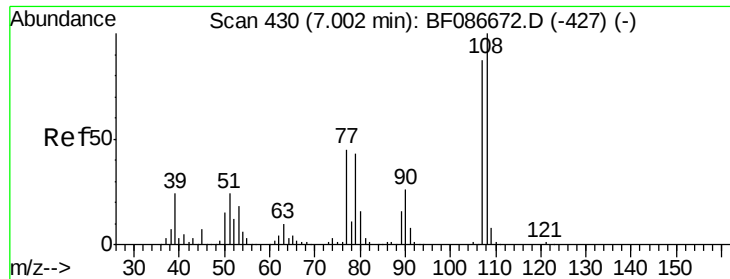
Delta R.T. 0.00 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	36.4
79	9.2	0.0	33.4





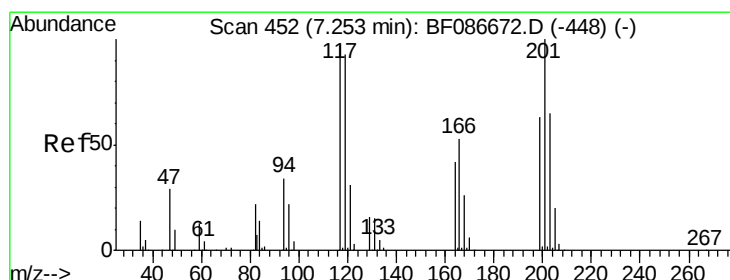
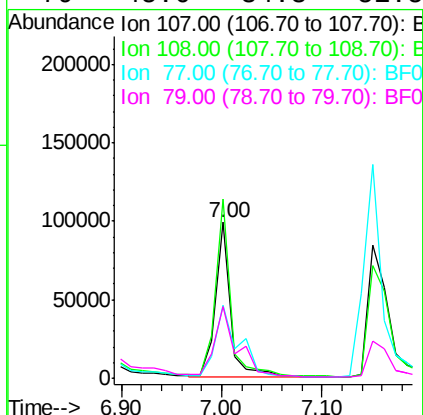
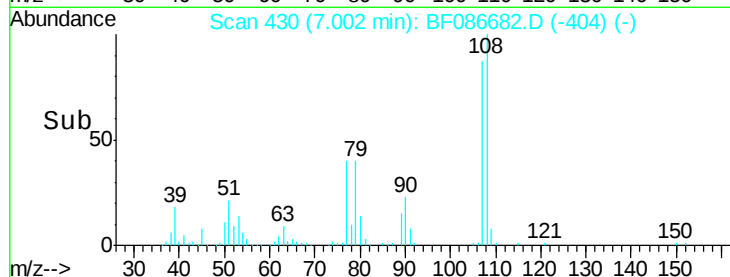
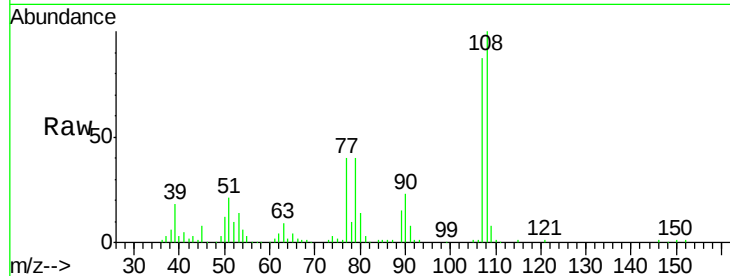
#17
2-Methylphenol
Concen: 10.63 ng
RT: 7.00 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.8	93.7	140.5	
77	46.4	33.4	50.0	
79	45.6	34.3	51.5	

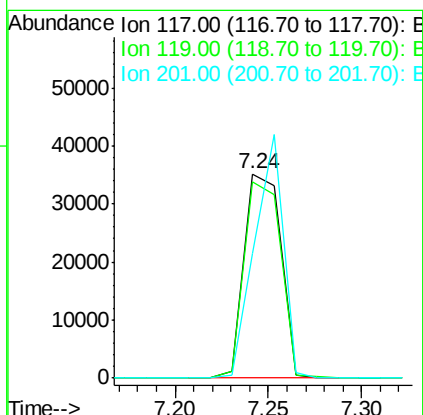
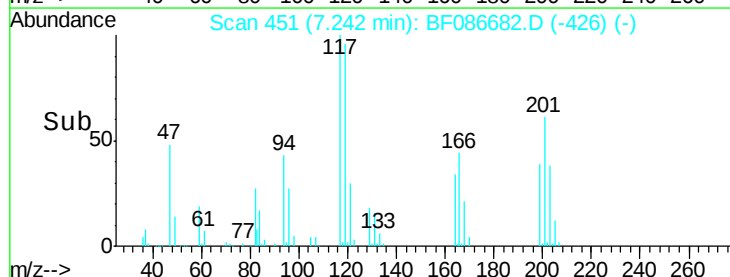
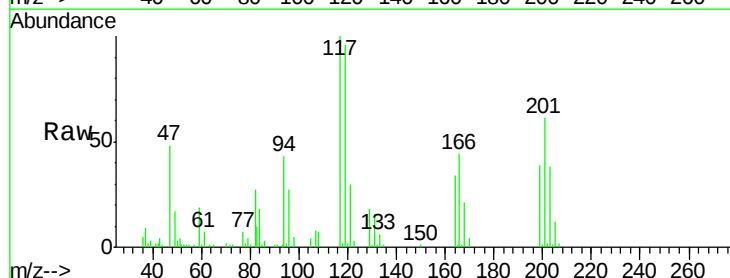
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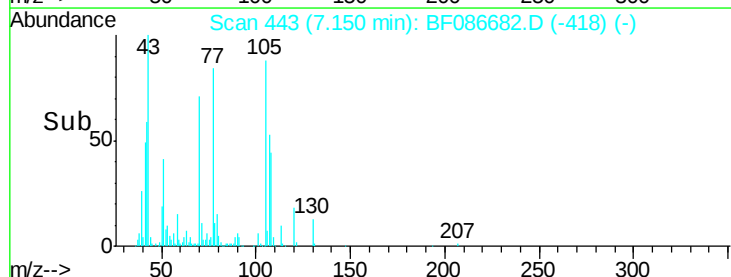
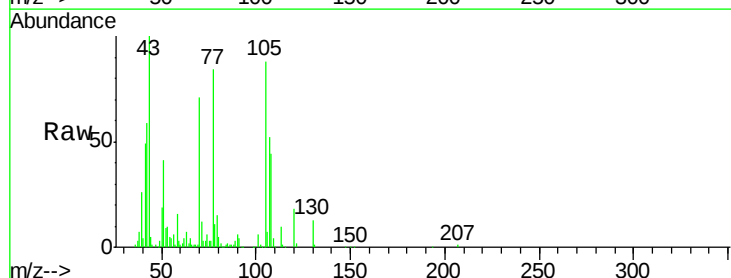
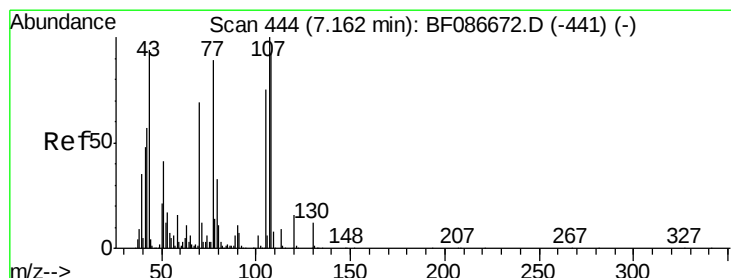
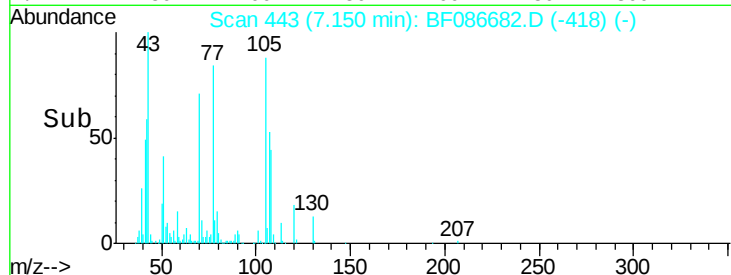
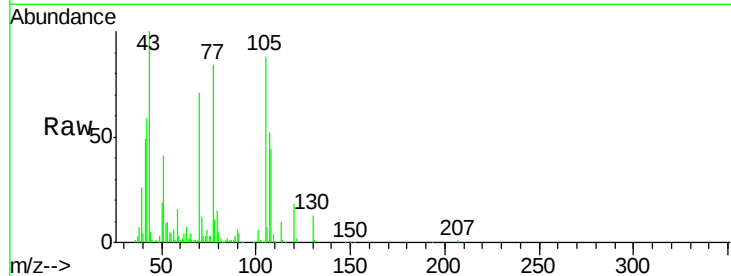
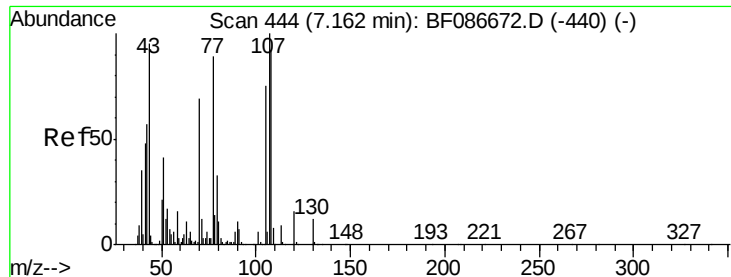
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#18
Hexachloroethane
Concen: 9.65 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	76.5	114.7	
201	60.9	63.0	94.6#	





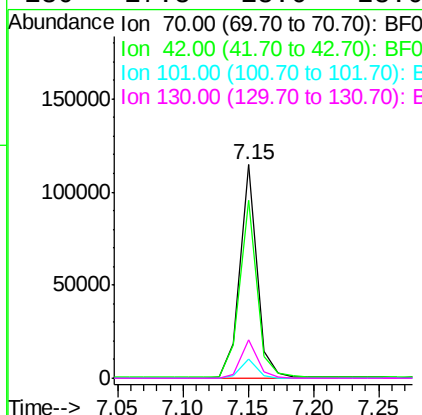
#19
n-Nitroso-di-n-propylamine
Concen: 11.43 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	83.3	43.1	64.7#
101	8.9	8.1	12.1
130	17.8	18.6	28.0#

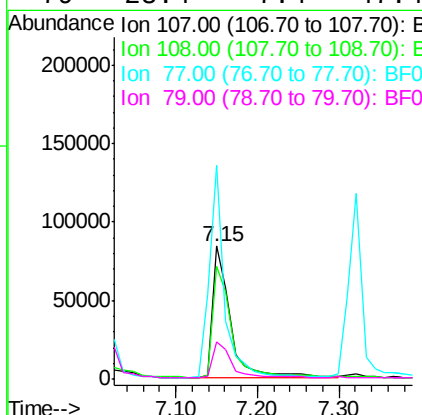
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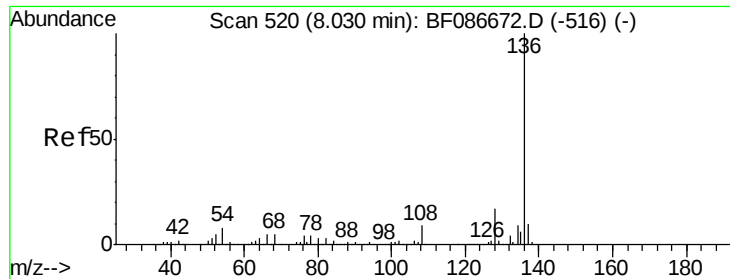
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#20
3+4-Methylphenols
Concen: 11.30 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.4	68.5	108.5
77	161.0	101.6	141.6#
79	28.4	7.4	47.4





#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Instrument :

BNA_F

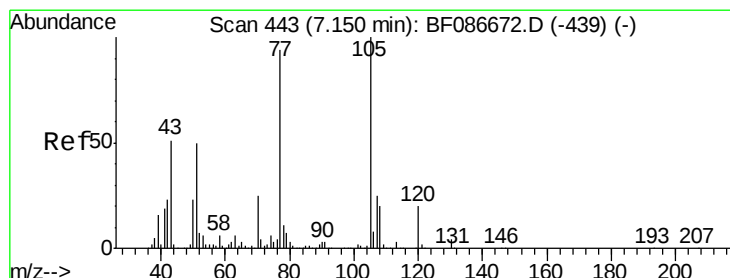
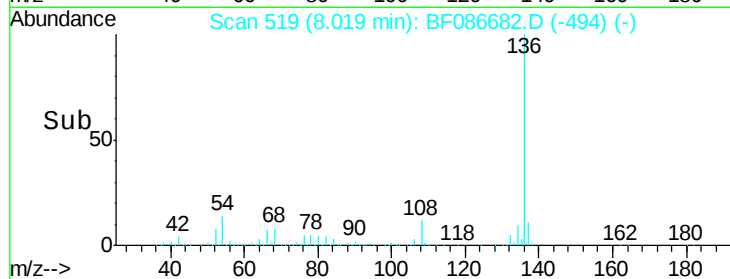
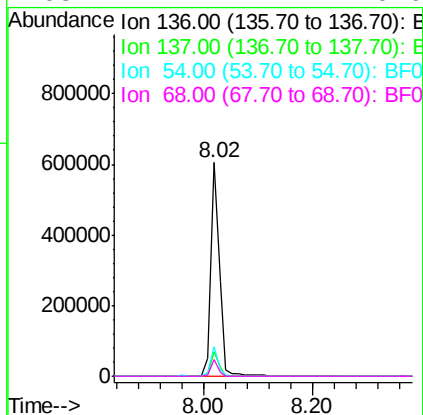
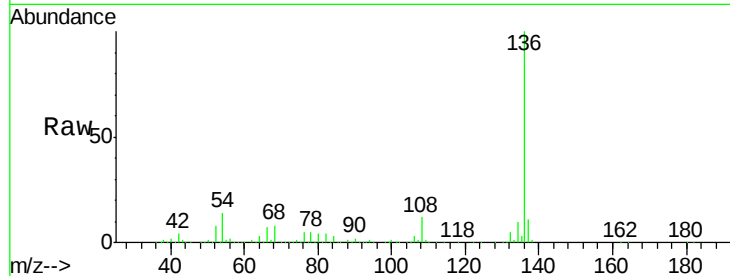
ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		672890		
137	11.2	8.8	13.2		
54	13.7	5.0	7.4#		
68	7.7	4.4	6.6#		

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#22

Acetophenone

Concen: 11.34 ng

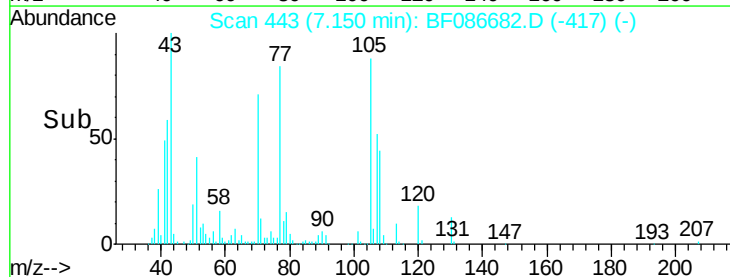
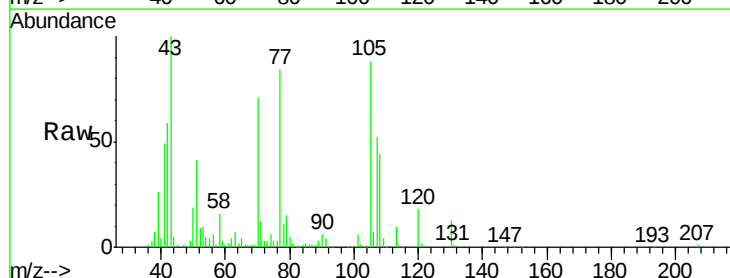
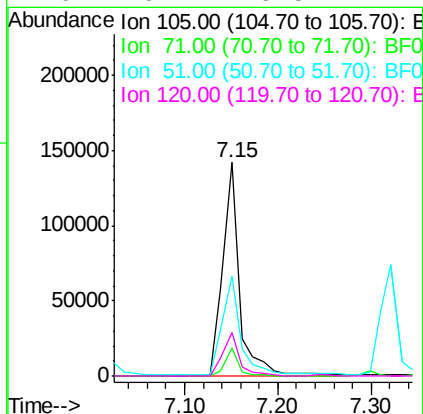
RT: 7.15 min Scan# 443

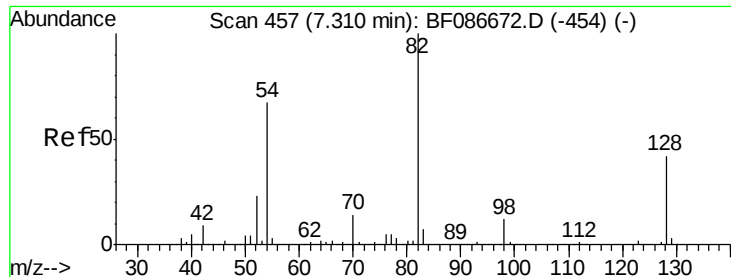
Delta R.T. 0.00 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		177749		
71	13.3	4.8	7.2#		
51	46.7	32.6	49.0		
120	20.1	16.5	24.7		





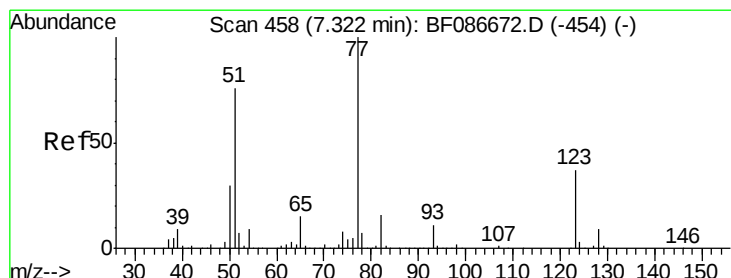
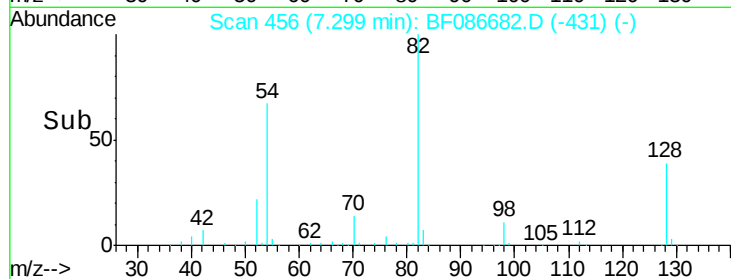
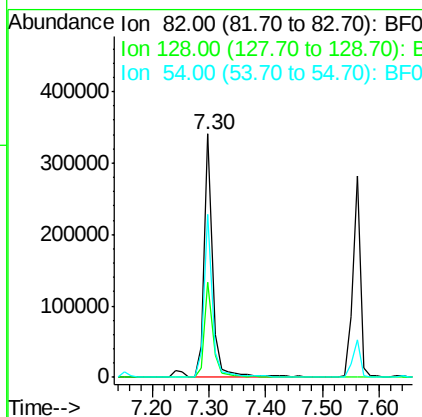
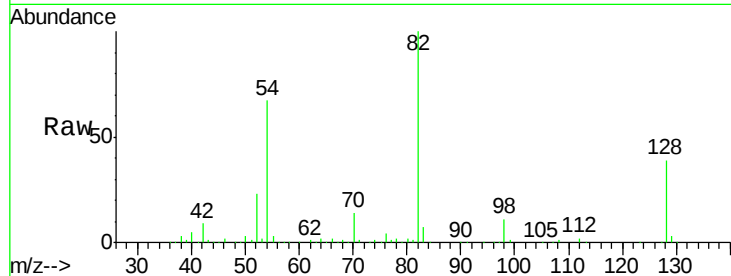
#23
 Nitrobenzene-d5
 Concen: 26.37 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF086682.D
 Acq: 4 May 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.2	40.6	61.0	
54	66.8	38.1	57.1	

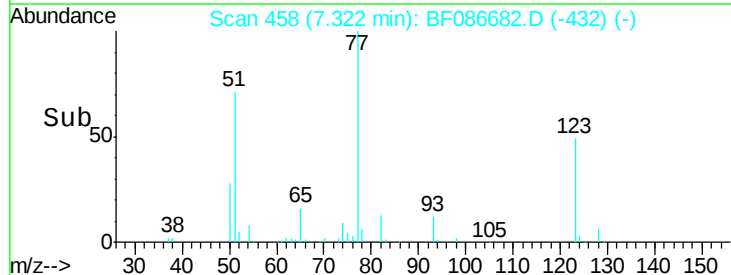
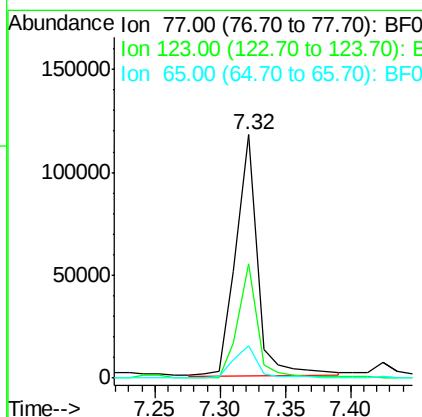
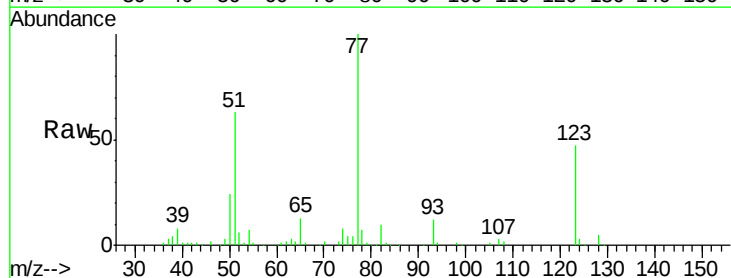
Manual Integrations
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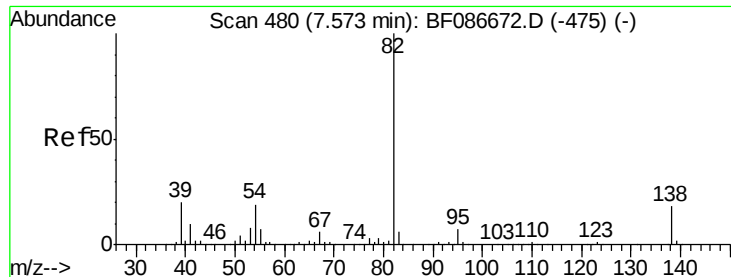
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#24
 Nitrobenzene
 Concen: 10.07 ng
 RT: 7.32 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF086682.D
 Acq: 4 May 2016 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.0	33.0	49.4	
65	13.5	10.8	16.2	





#25

Isophorone

Concen: 10.69 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Instrument :

BNA_F

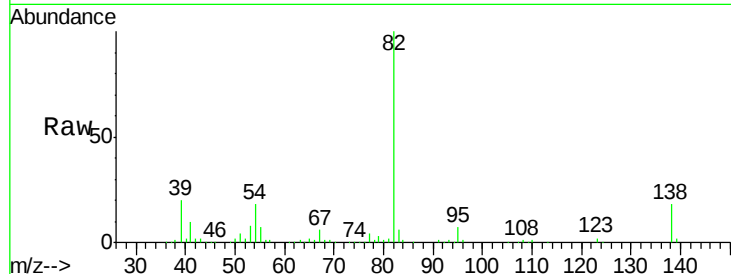
ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

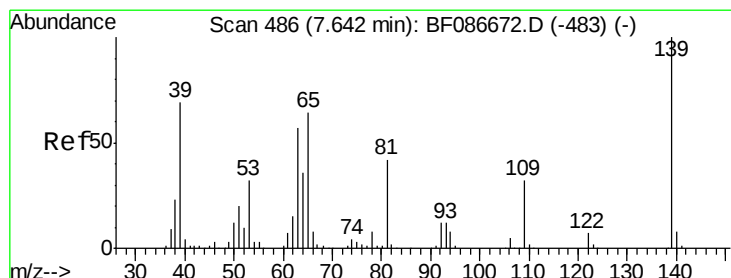
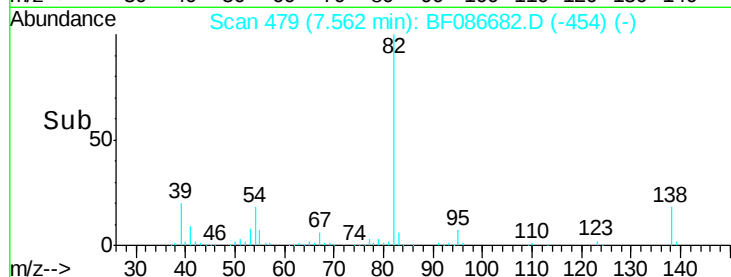
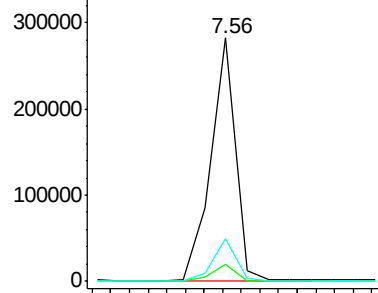
Tot Ion:	82	Resp:	260800
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.1	7.7
138	17.7	12.4	18.6

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 10.29 ng

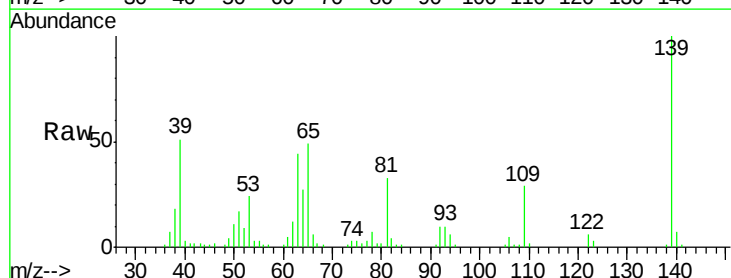
RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

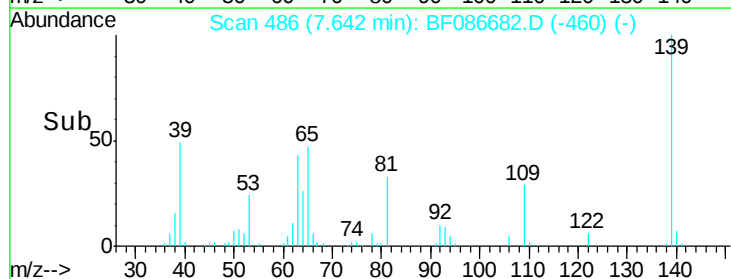
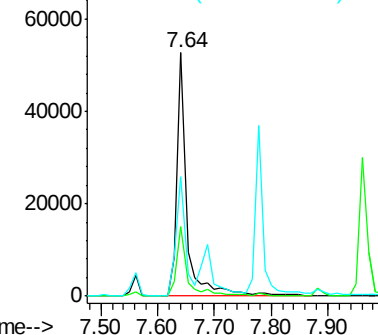
Lab File: BF086682.D

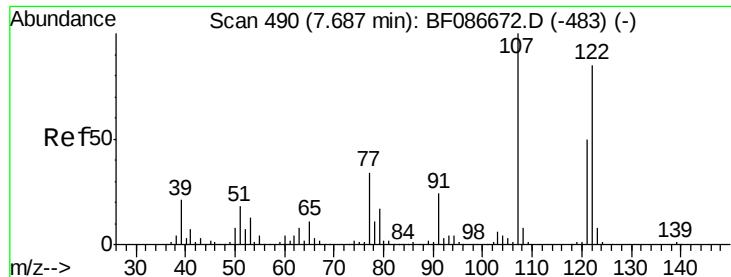
Acq: 4 May 2016 17:48

Tgt Ion:	139	Resp:	62158
Ion Ratio	Lower	Upper	
139	100		
109	28.8	19.5	29.3
65	48.8	37.5	56.3



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 11.56 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Instrument :

BNA_F

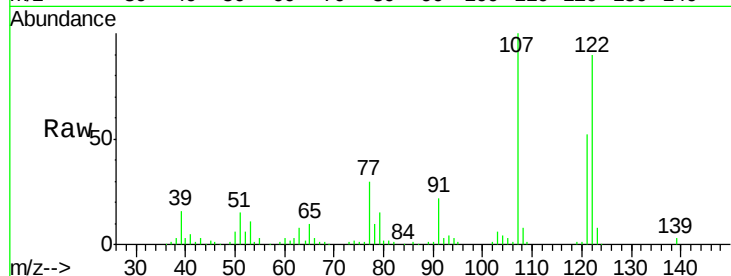
ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

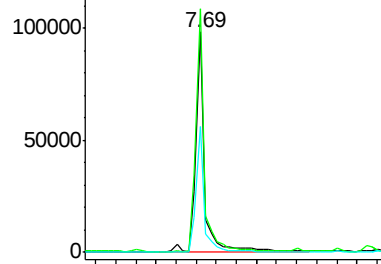
Tot Ion:	122	Resp:	122643
Ion Ratio	Lower	Upper	
122	100		
107	110.6	82.0	123.0
121	57.2	46.1	69.1

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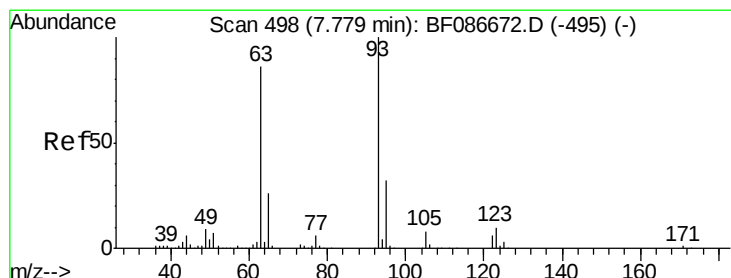
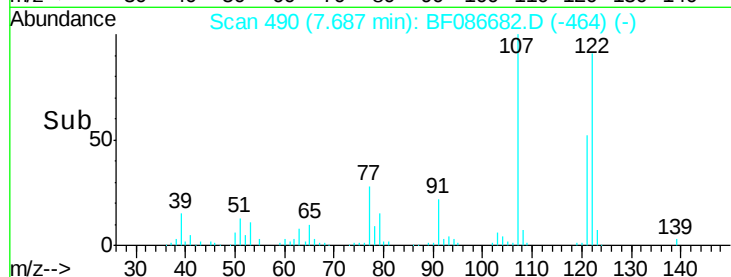
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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 12.02 ng

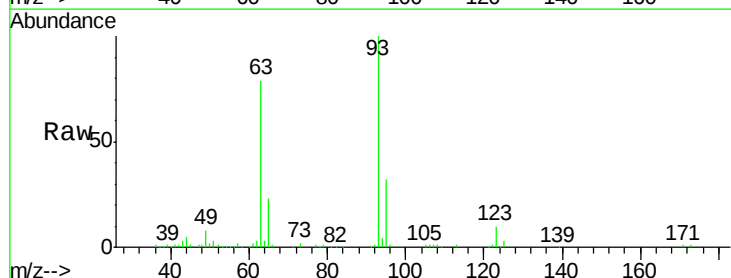
RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

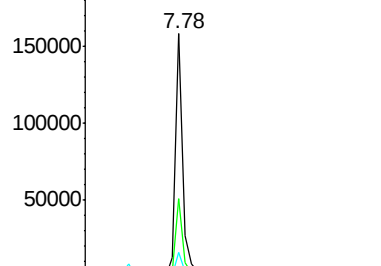
Lab File: BF086682.D

Acq: 4 May 2016 17:48

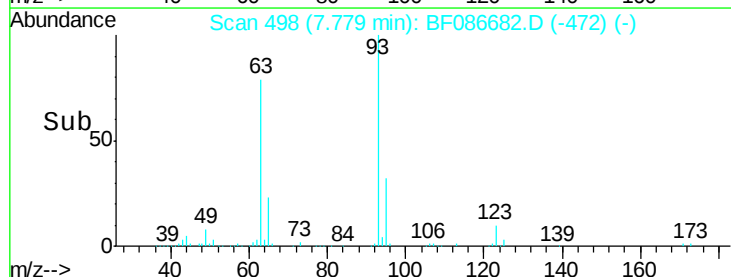
Tgt Ion:	93	Resp:	161358
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.0	39.0
123	10.3	9.5	14.3

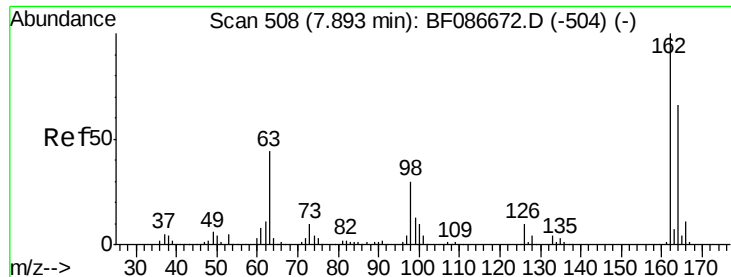


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E



Time-->





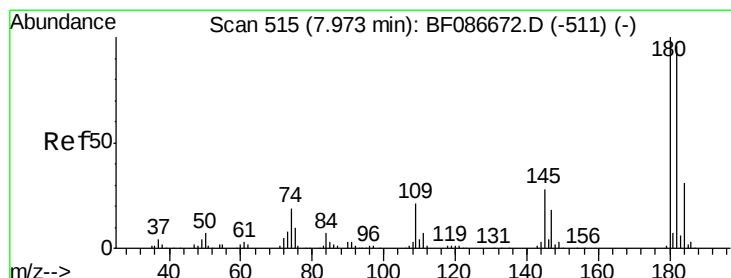
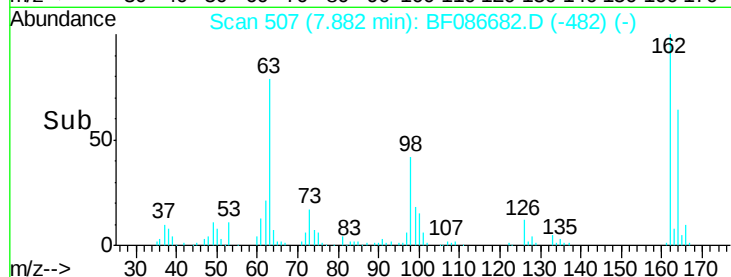
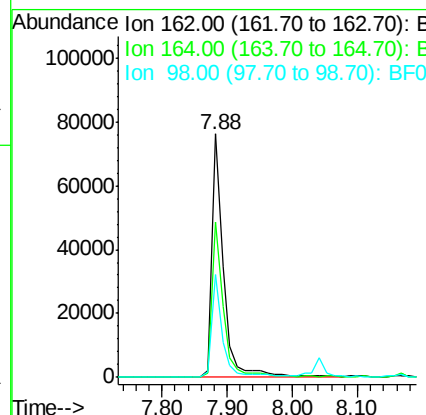
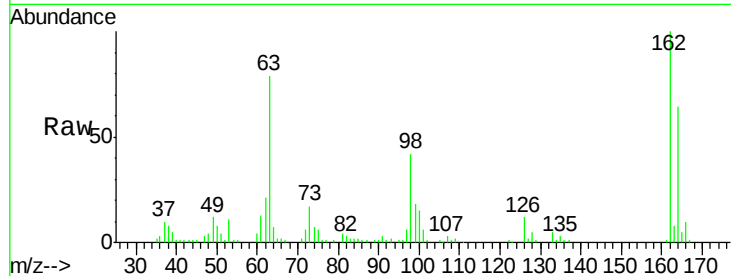
#29
2,4-Dichlorophenol
Concen: 10.49 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	95687		
164	63.9	42.2	82.2	
98	42.4	19.0	59.0	

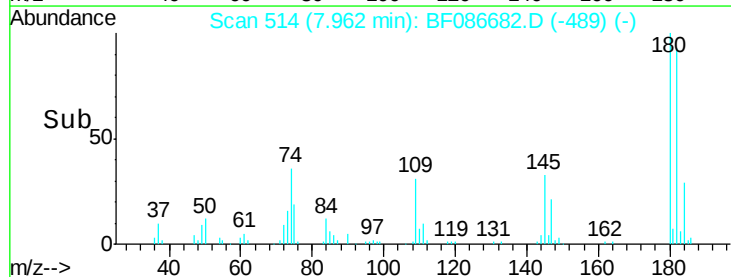
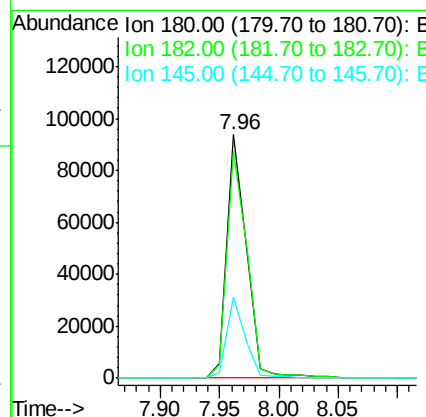
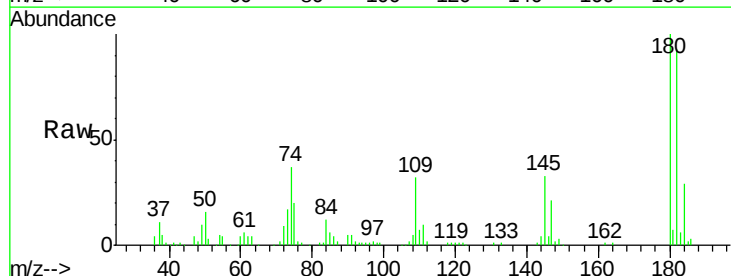
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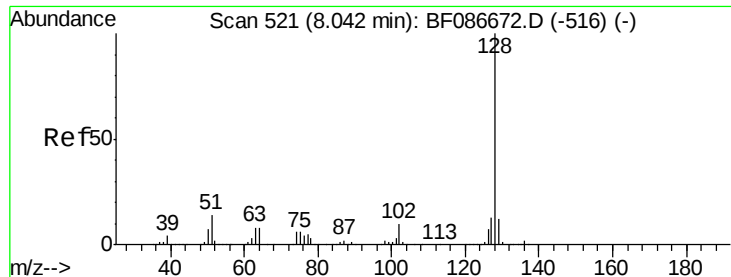
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#30
1,2,4-Trichlorobenzene
Concen: 10.41 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	105864		
182	93.1	78.0	117.0	
145	33.4	24.2	36.2	





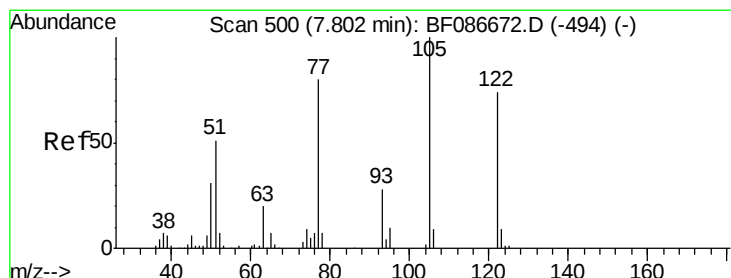
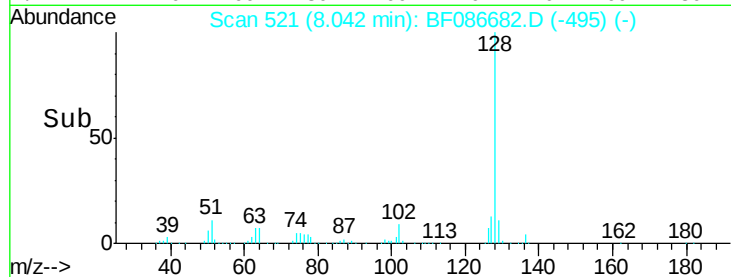
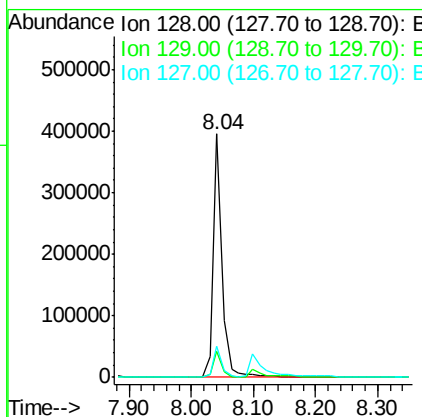
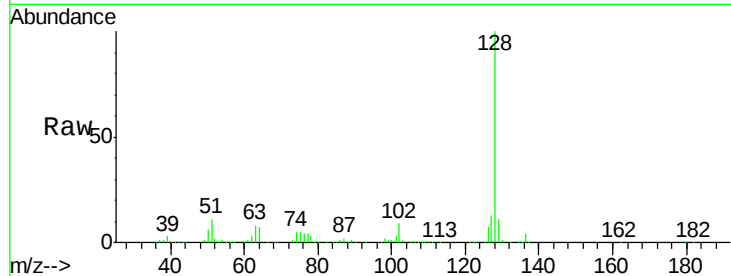
#31
Naphthalene
Concen: 11.37 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	391050		
129	10.9	8.6	13.0	
127	13.0	10.8	16.2	

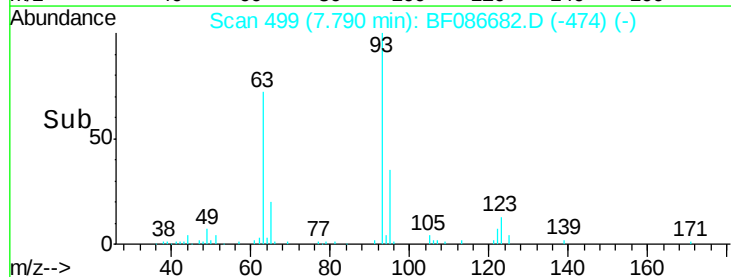
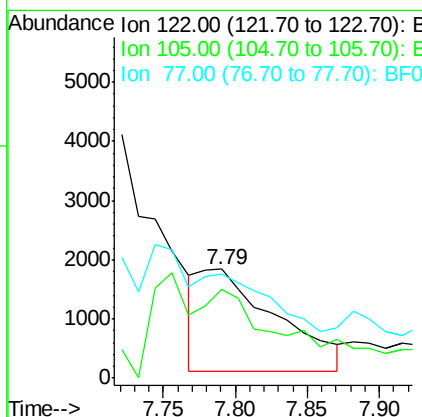
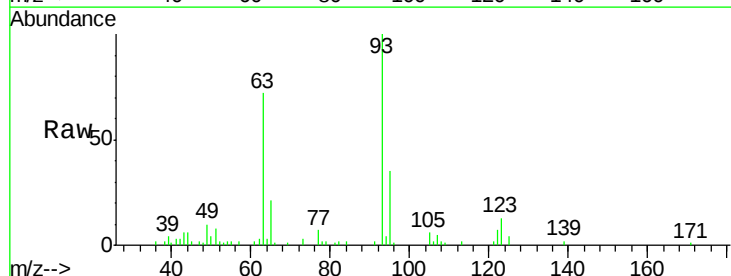
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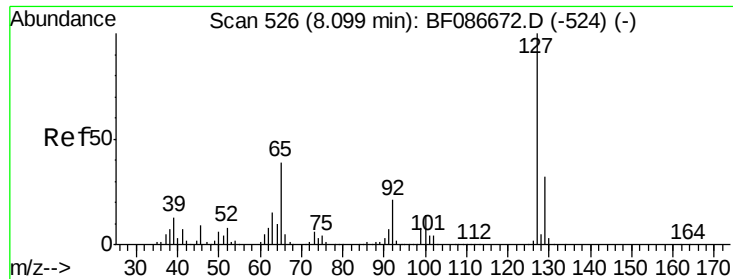
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#32
Benzoic acid
Concen: 9.70 ng m
RT: 7.79 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	6421		
105	81.9	92.6	132.6#	
77	95.8	60.0	100.0	





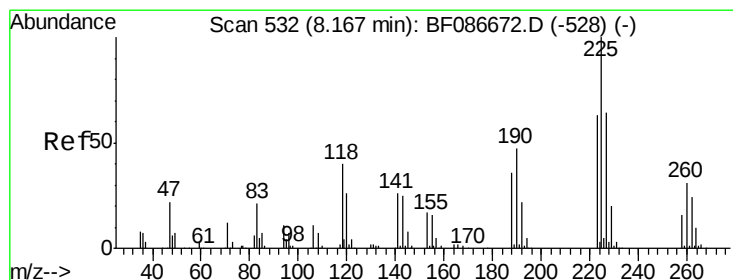
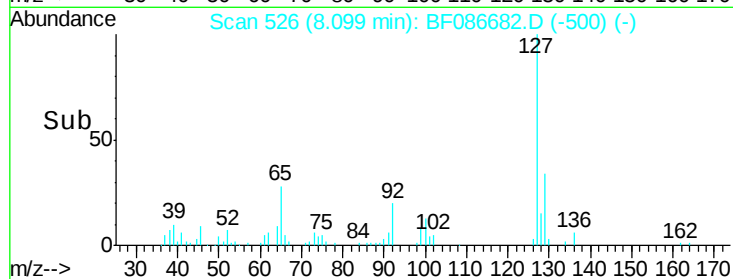
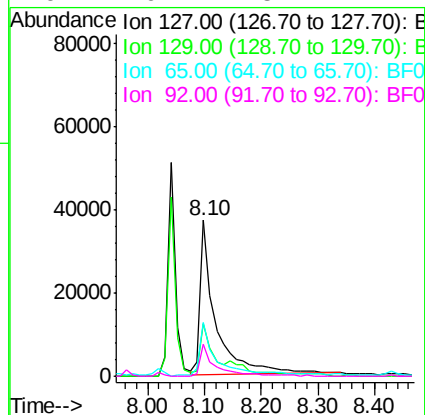
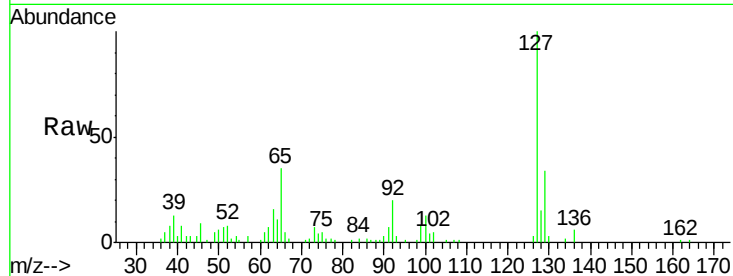
#33
4-Chloroaniline
Concen: 5.41 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.2	39.4
65	34.8	23.0	34.4
92	20.4	15.1	22.7

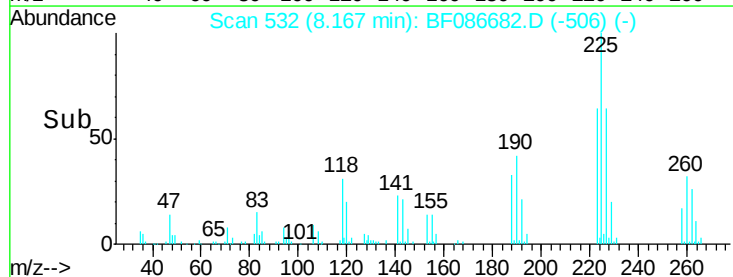
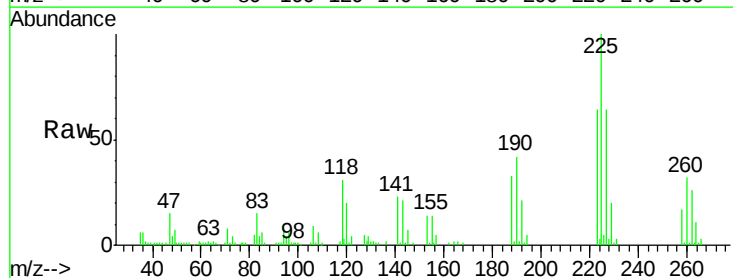
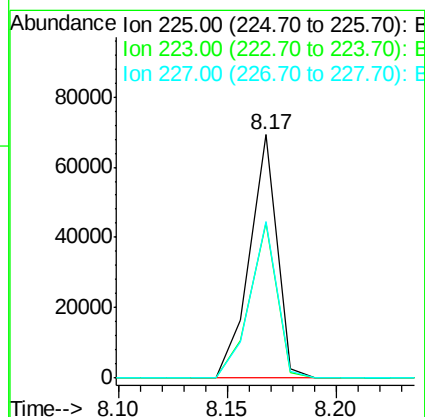
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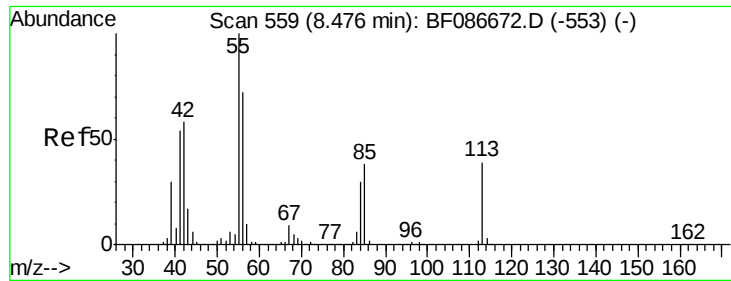
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#34
Hexachlorobutadiene
Concen: 10.49 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.5	77.3
227	64.3	52.2	78.2





#35

Caprolactam

Concen: 9.68 ng

RT: 8.43 min Scan# 555

Delta R.T. -0.05 min

Lab File: BF086682.D

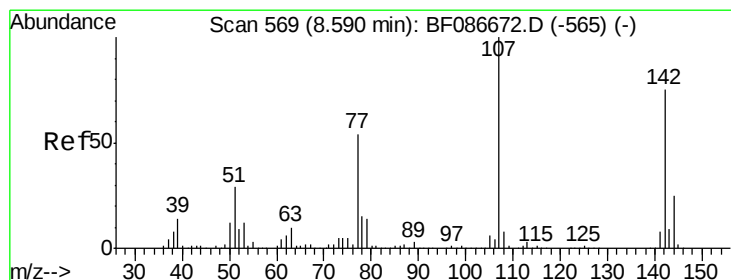
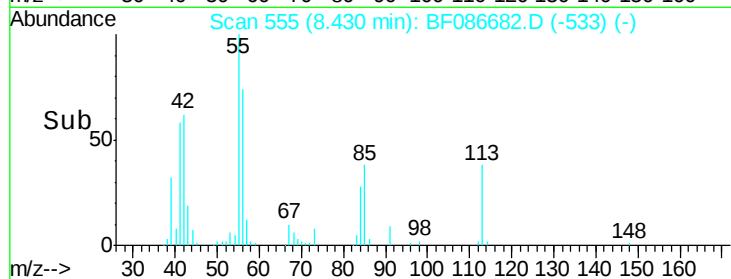
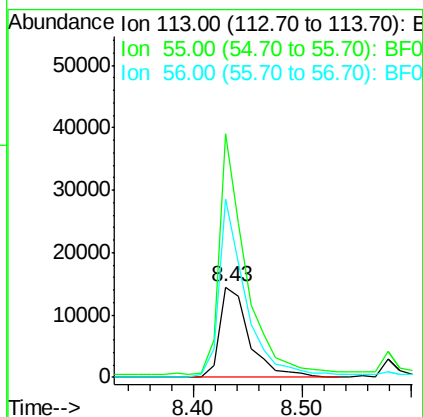
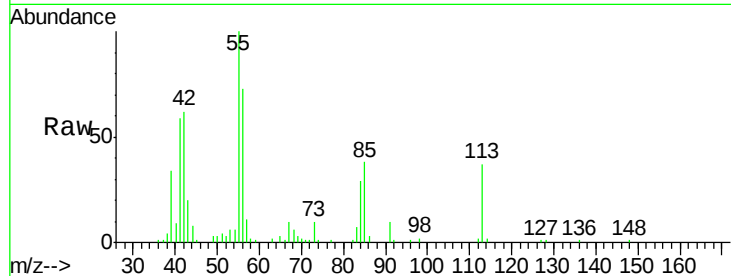
Acq: 4 May 2016 17:48

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	269.2	162.0	202.0#
56	196.6	115.3	155.3#

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#36

4-Chloro-3-methylphenol

Concen: 10.41 ng

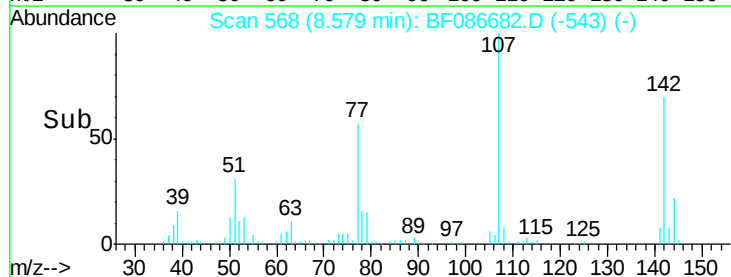
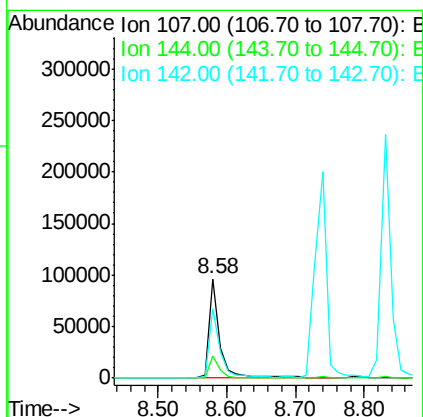
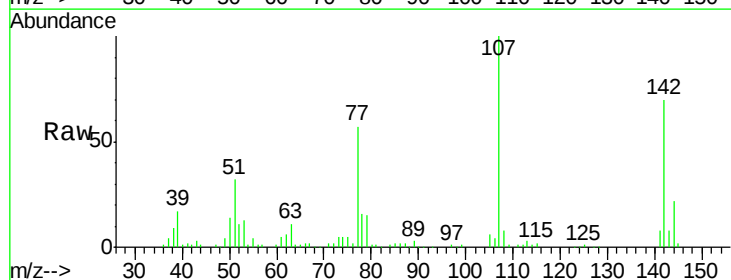
RT: 8.58 min Scan# 568

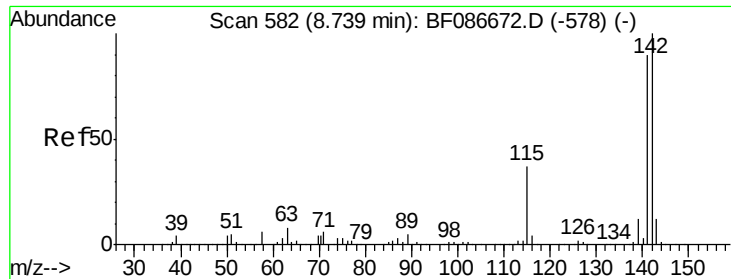
Delta R.T. -0.01 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.1	20.7	31.1
142	70.2	63.2	94.8





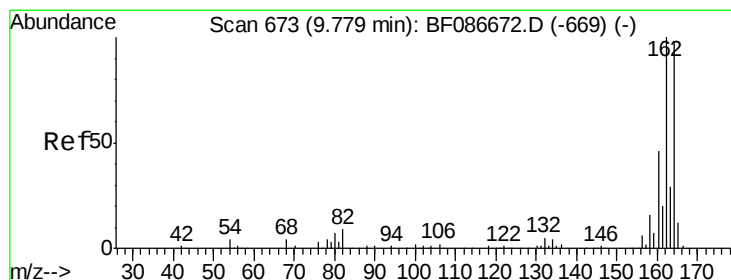
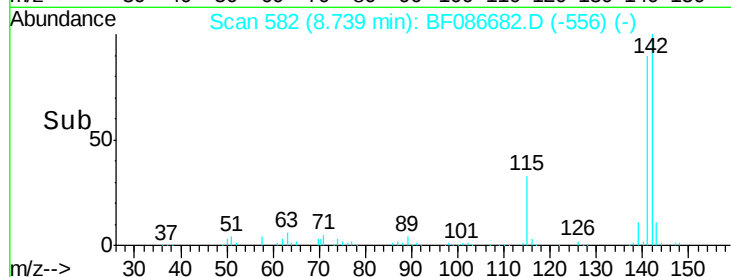
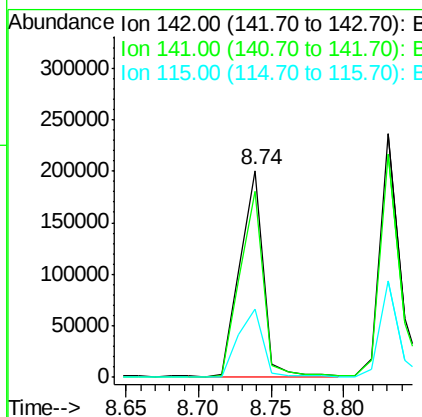
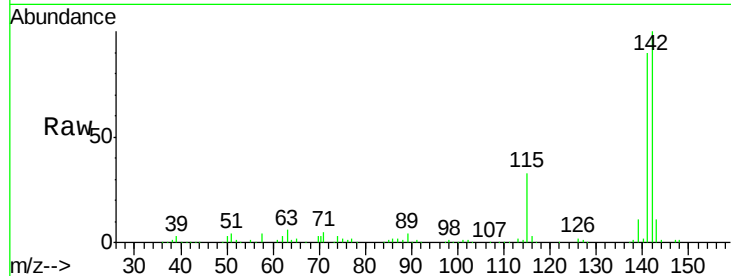
#37
2-Methylnaphthalene
Concen: 11.14 ng
RT: 8.74 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.0	106.6
115	32.8	26.6	39.8

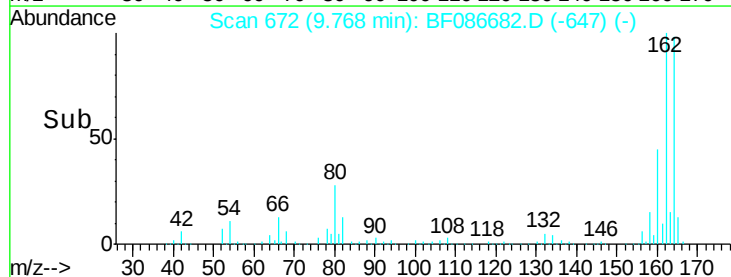
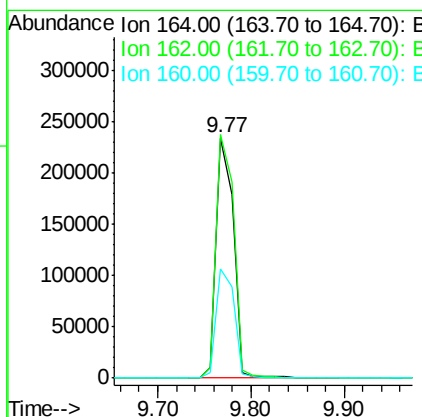
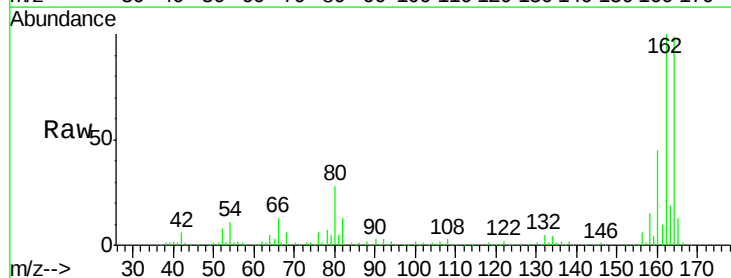
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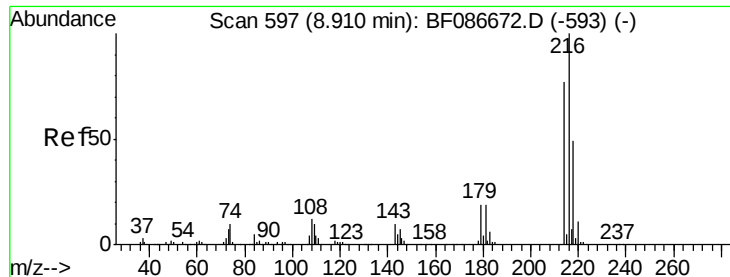
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#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.8	124.2
160	45.6	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 11.14 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Instrument :

BNA_F

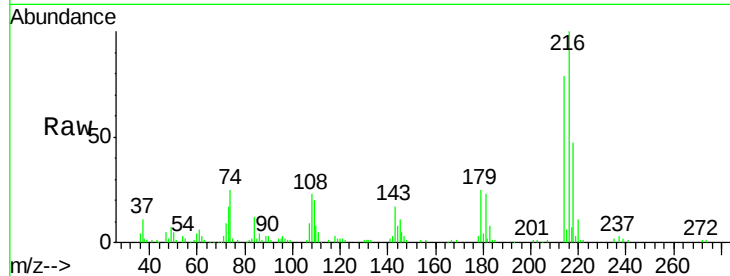
ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

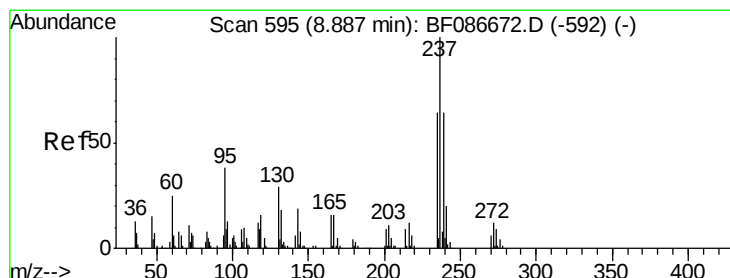
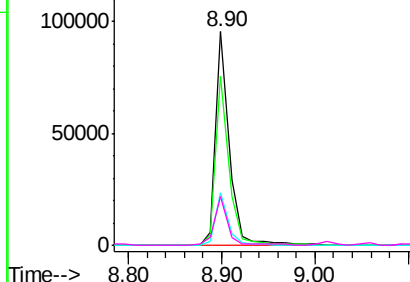
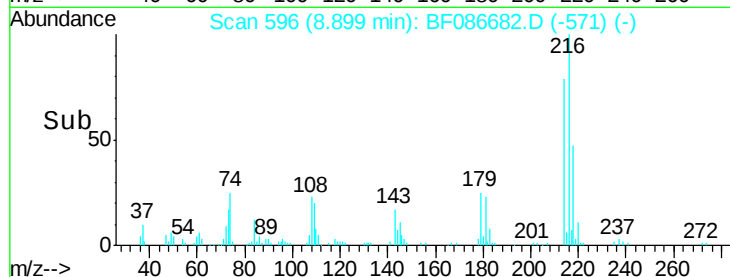
Tot Ion:	216	Resp:	96833
Ion Ratio	Lower	Upper	
216	100		
214	78.3	62.6	93.8
179	23.0	18.2	27.4
108	22.9	17.5	26.3

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 9.77 ng

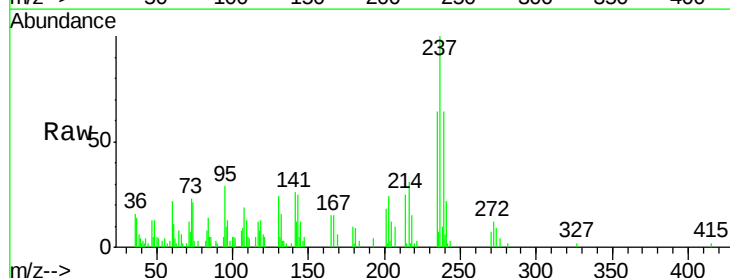
RT: 8.89 min Scan# 595

Delta R.T. 0.00 min

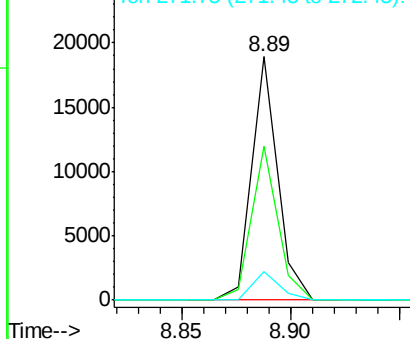
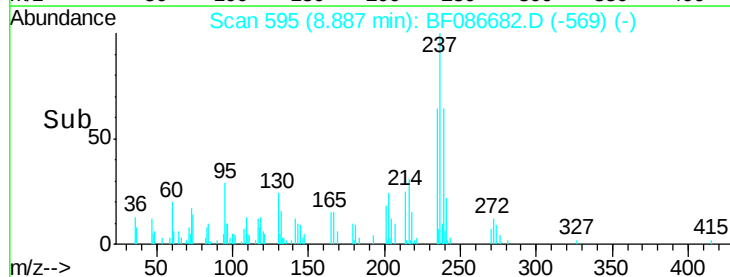
Lab File: BF086682.D

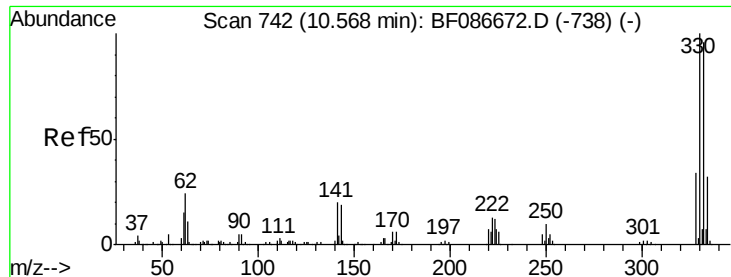
Acq: 4 May 2016 17:48

Tgt Ion:	237	Resp:	15690
Ion Ratio	Lower	Upper	
237	100		
235	63.5	47.2	87.2
272	11.9	0.0	31.1



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





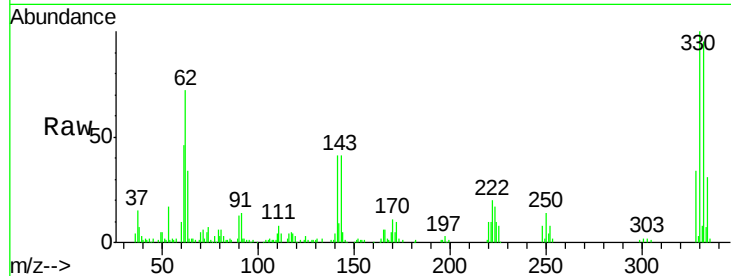
#41
 2,4,6-Tribromophenol
 Concen: 36.02 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF086682.D
 Acq: 4 May 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	79.0	118.4	
141	36.6	31.2	46.8	

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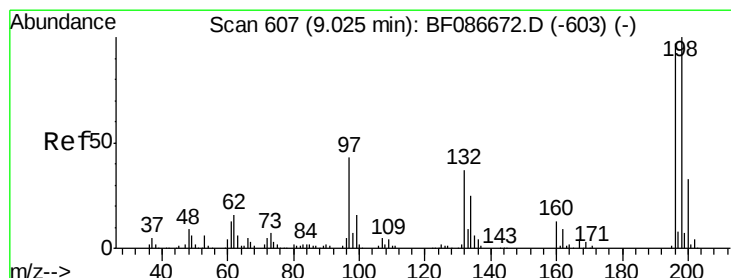
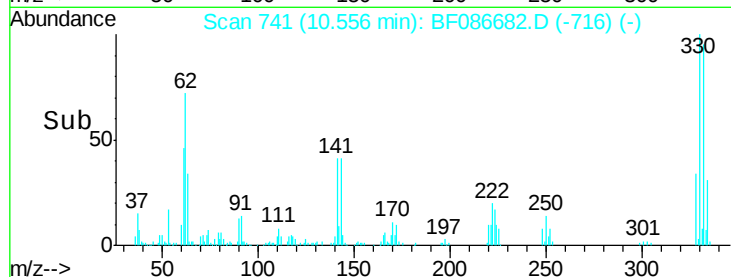
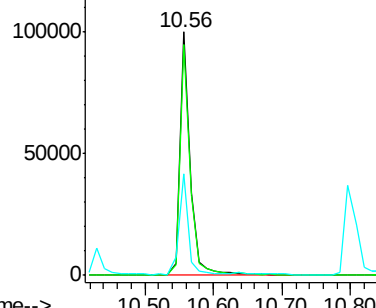


Abundance

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: 10.69 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF086682.D
 Acq: 4 May 2016 17:48

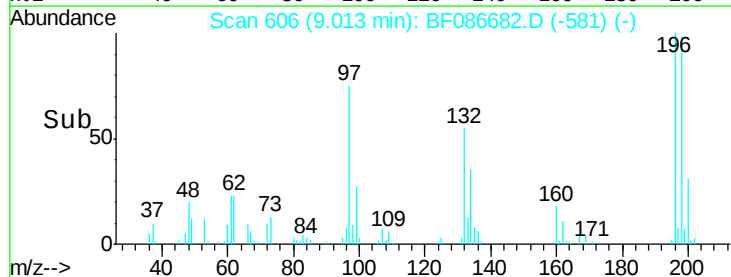
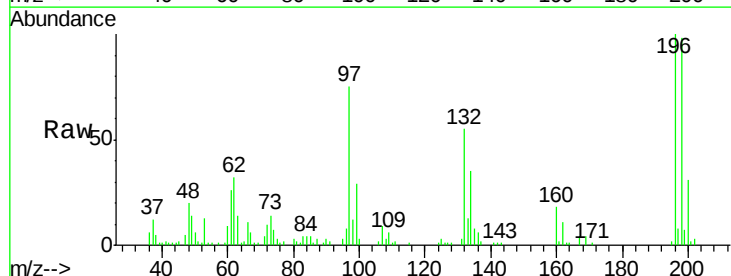
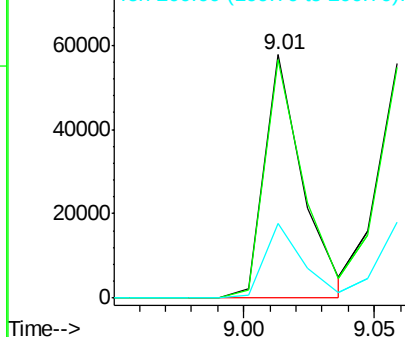
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.9	74.7	112.1	
200	30.9	23.8	35.6	

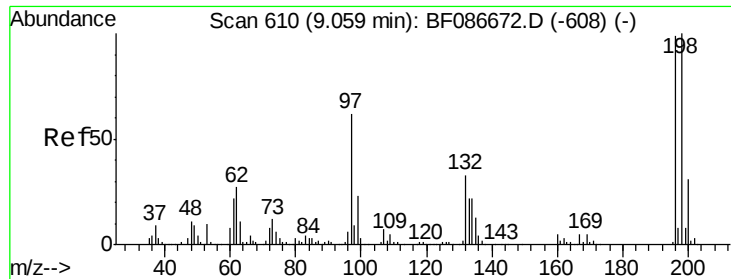
Abundance

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





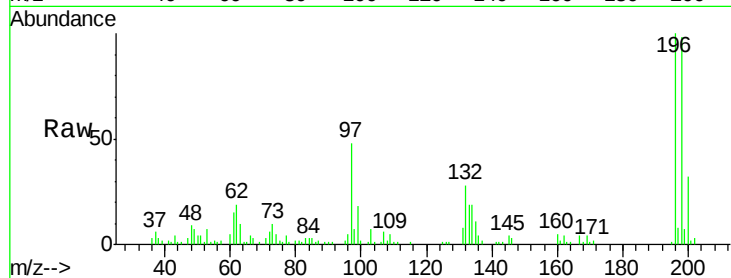
#43
 2,4,5-Trichlorophenol
 Concen: 11.11 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF086682.D
 Acq: 4 May 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)MS

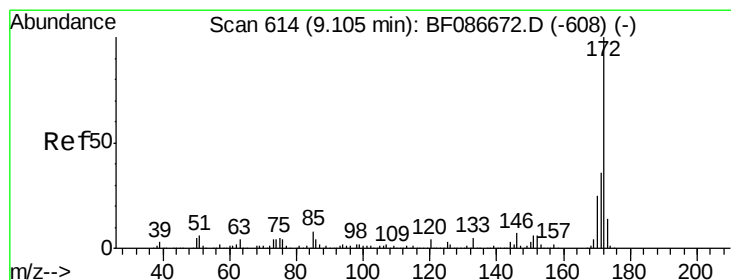
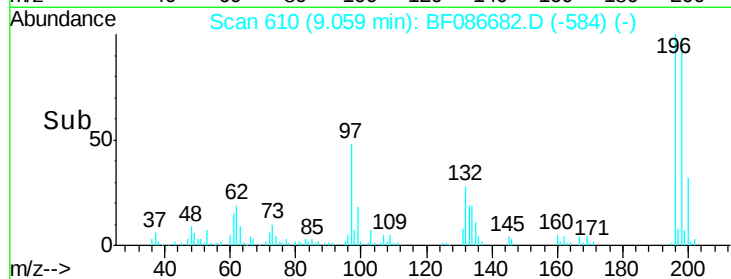
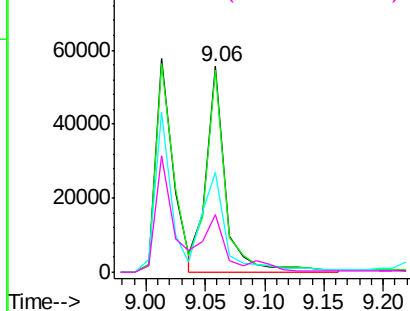
Tot Ion:	196	Resp:	64185
Ion Ratio	Lower	Upper	
196	100		
198	98.5	77.5	116.3
97	48.4	34.8	52.2
132	28.2	23.0	34.4

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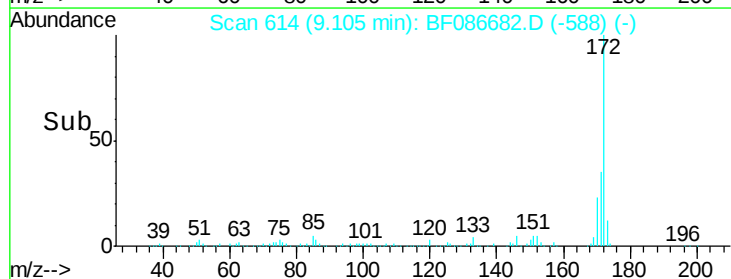
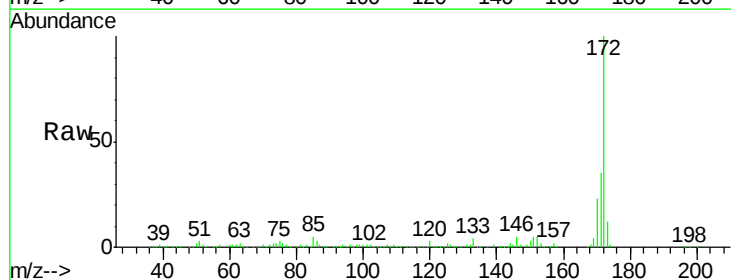
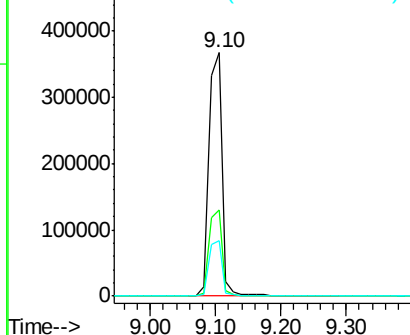
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

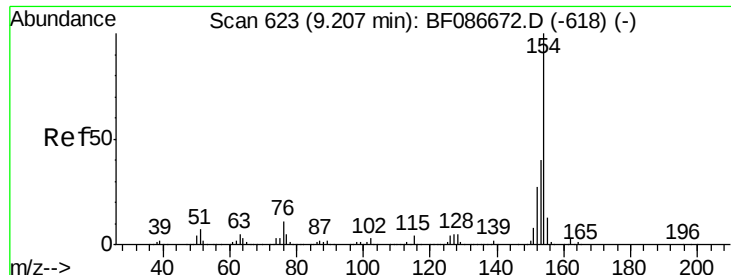


#44
 2-Fluorobiphenyl
 Concen: 28.63 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF086682.D
 Acq: 4 May 2016 17:48

Tgt Ion:	172	Resp:	524549
Ion Ratio	Lower	Upper	
172	100		
171	35.2	29.0	43.6
170	23.0	19.8	29.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 11.80 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Instrument :

BNA_F

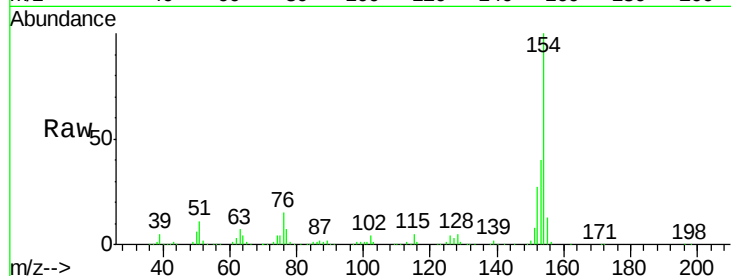
ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

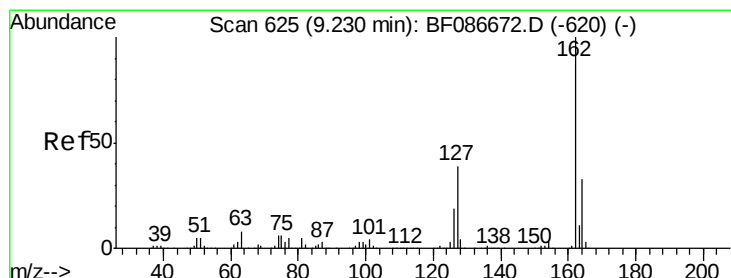
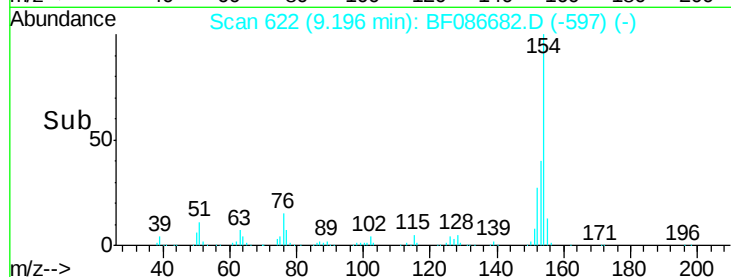
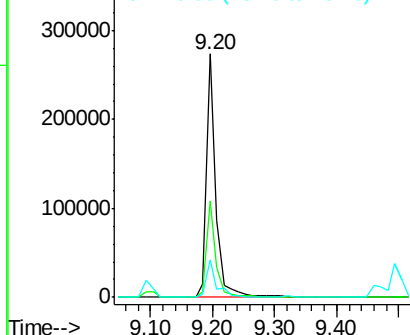
Tot Ion:	154	Resp:	289755
Ion Ratio		Lower	Upper
154	100		
153	39.7	20.3	60.3
76	15.5	0.0	30.2

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



#46

2-Chloronaphthalene

Concen: 11.17 ng

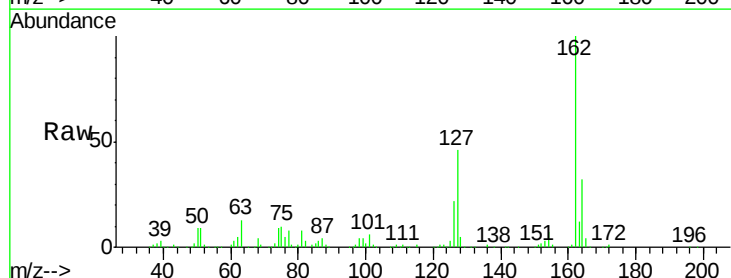
RT: 9.22 min Scan# 624

Delta R.T. -0.01 min

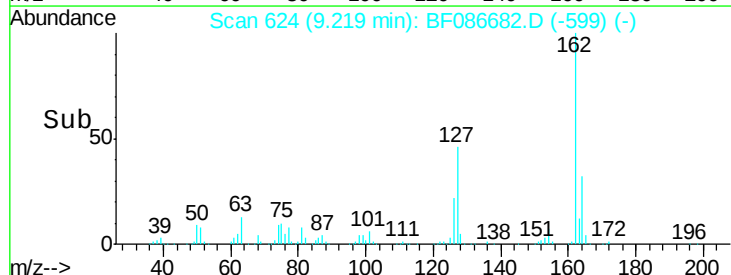
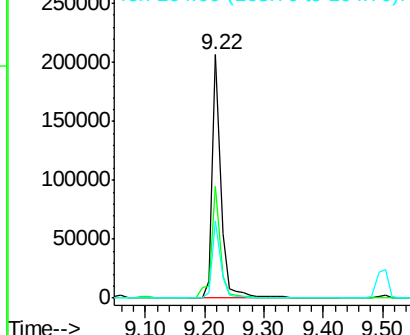
Lab File: BF086682.D

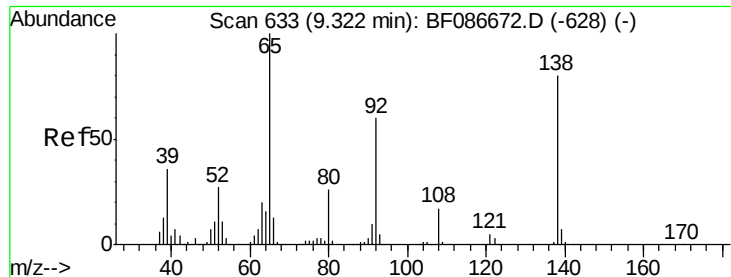
Acq: 4 May 2016 17:48

Tgt Ion:	162	Resp:	211683
Ion Ratio		Lower	Upper
162	100		
127	45.7	31.8	47.6
164	31.8	27.0	40.6



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





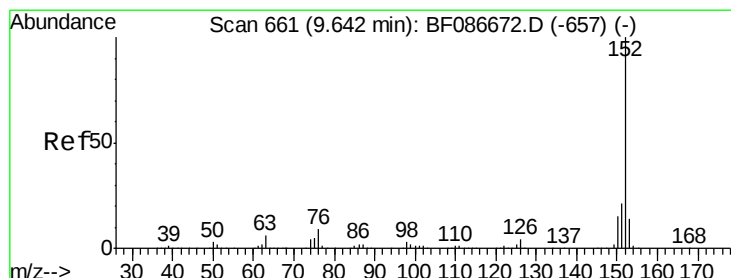
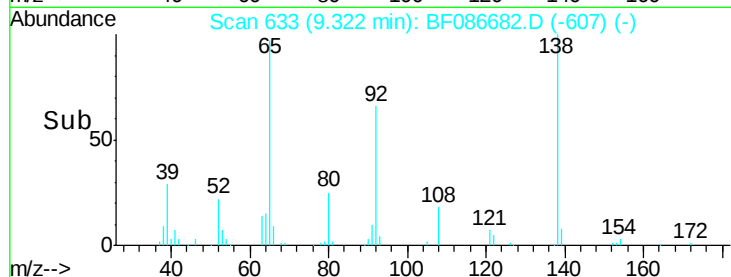
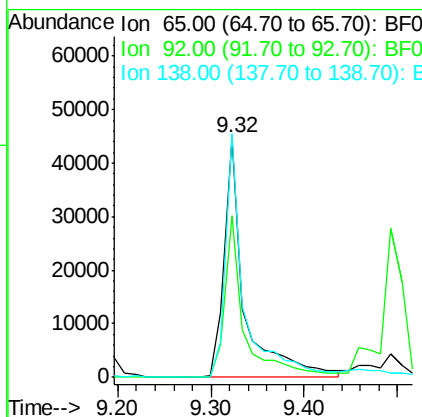
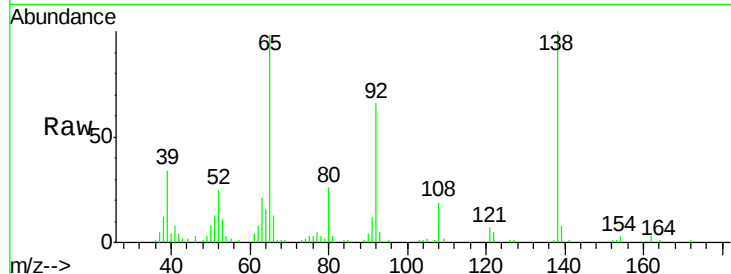
#47
2-Nitroaniline
Concen: 10.15 ng
RT: 9.32 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.3	57.4	86.2
138	101.6	90.1	135.1

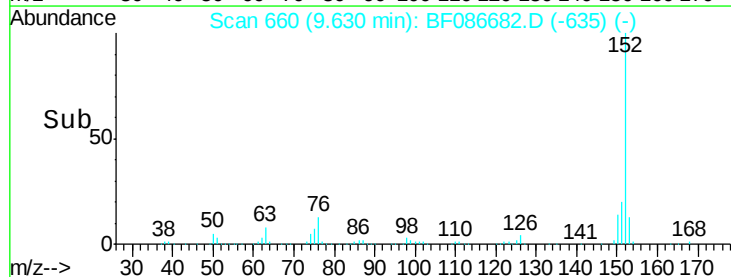
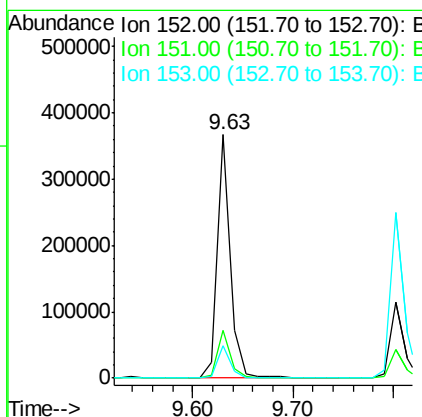
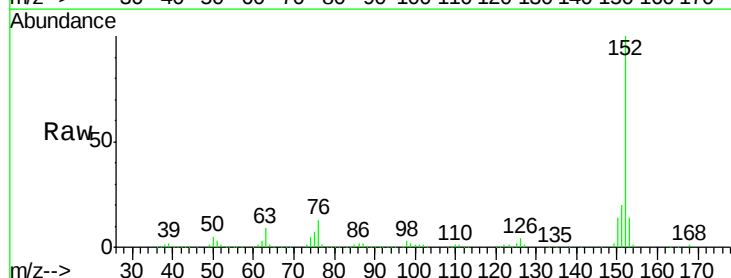
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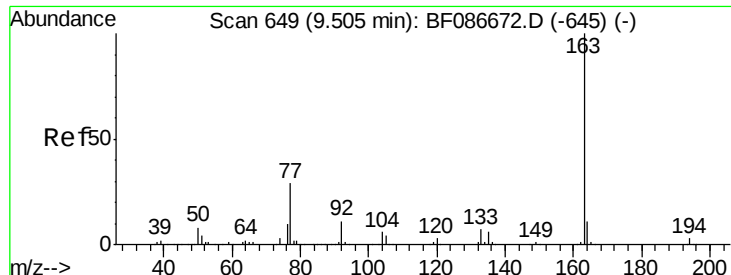
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#48
Acenaphthylene
Concen: 11.78 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.8	25.2
153	13.6	10.9	16.3





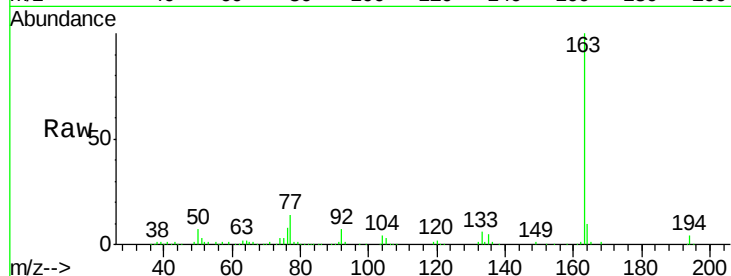
#49
Dimethylphthalate
Concen: 14.88 ng
RT: 9.50 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

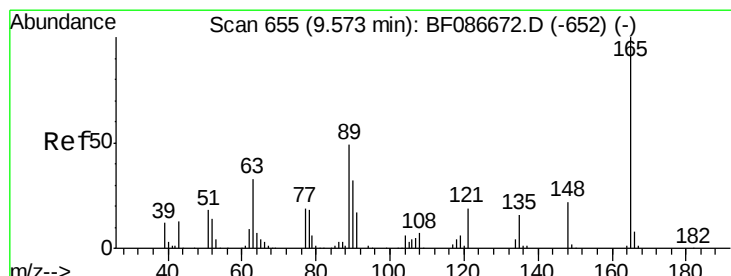
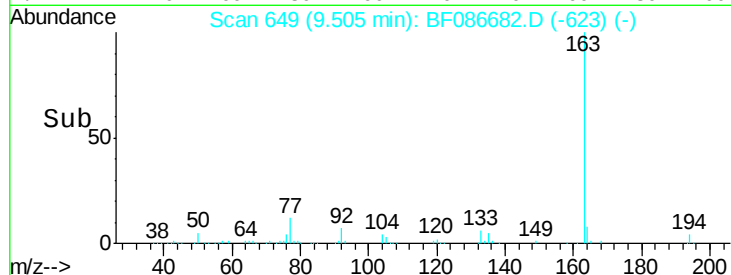
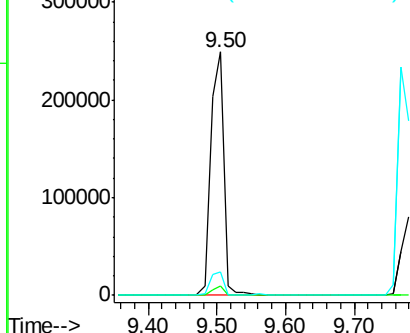
Tot Ion	Ratio	Resp	Lower	Upper
163	100	333198		
194	3.7	2.6	4.0	
164	9.6	8.2	12.4	

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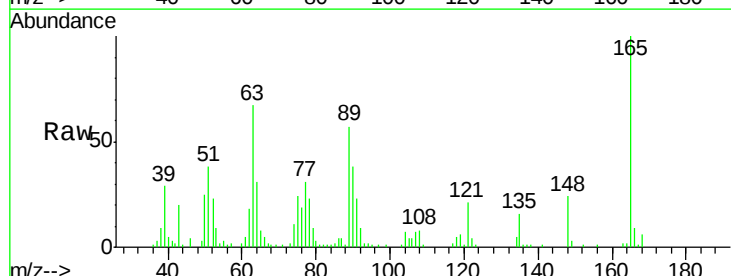


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

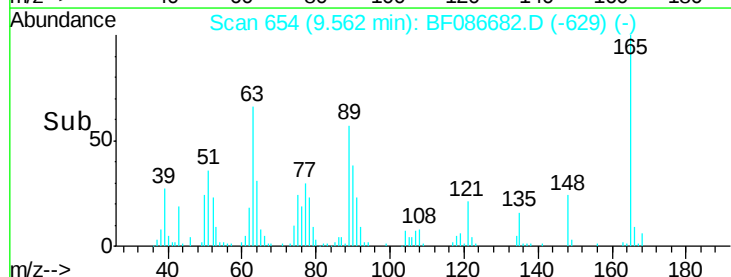
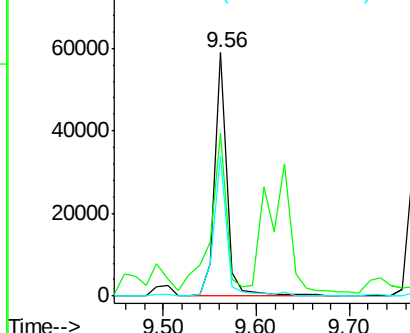


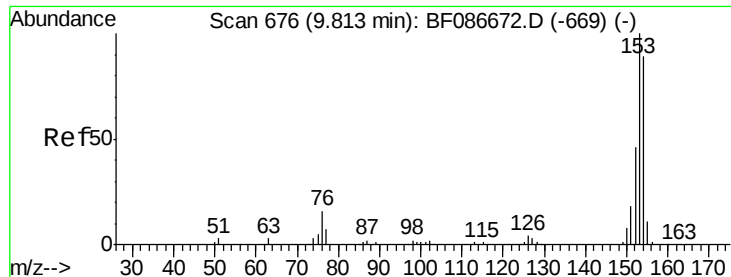
#50
2,6-Dinitrotoluene
Concen: 11.10 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	53344		
63	67.2	51.8	77.8	
89	57.3	50.7	76.1	



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: 11.45 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Instrument :

BNA_F

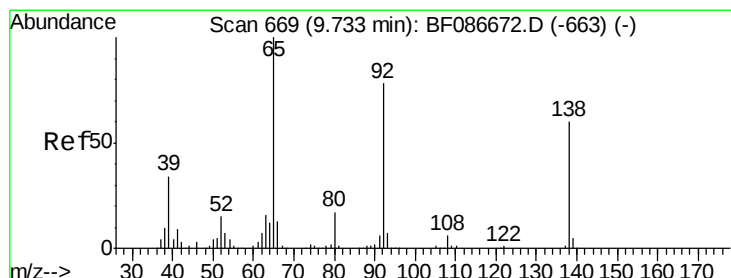
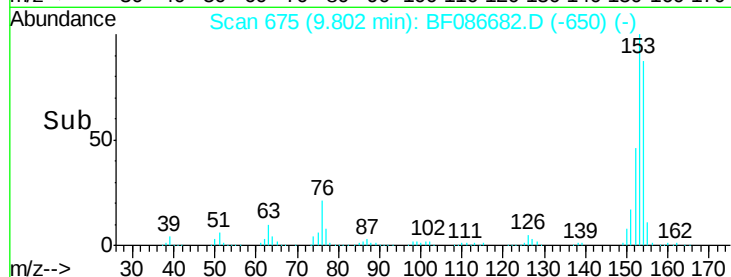
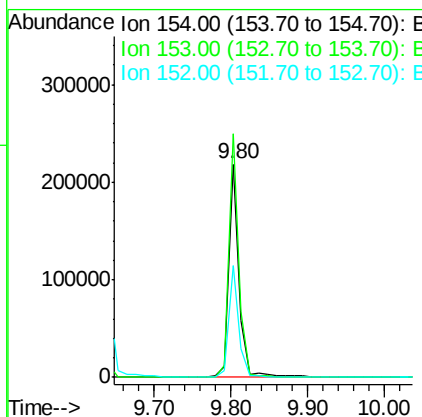
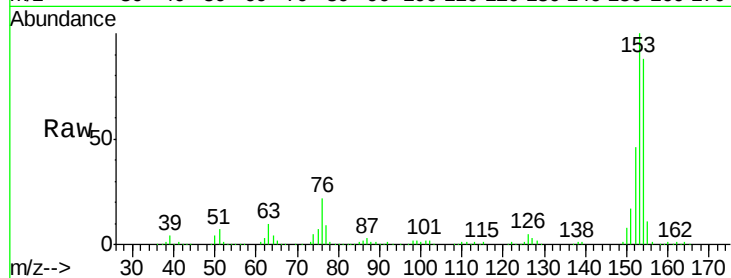
ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion:	154	Resp:	212384
Ion Ratio	Lower	Upper	
154	100		
153	114.2	89.8	134.6
152	52.6	43.4	65.0

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#52

3-Nitroaniline

Concen: 7.75 ng

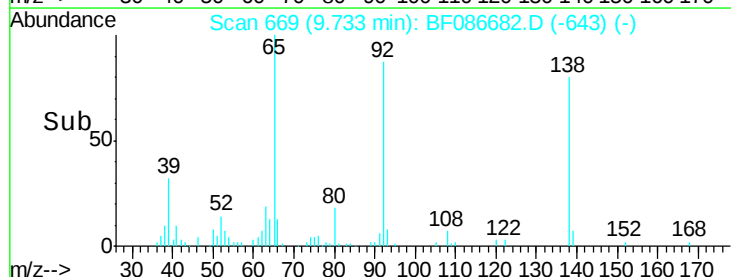
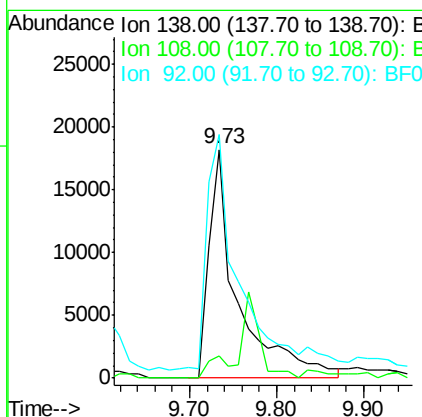
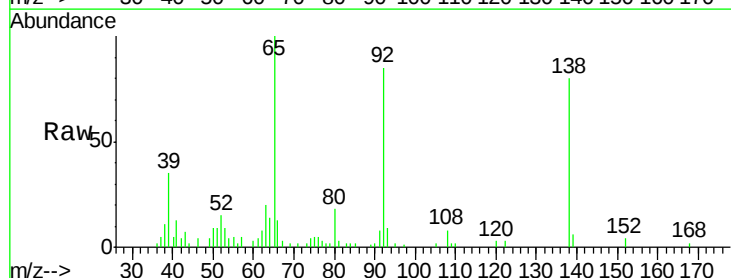
RT: 9.73 min Scan# 669

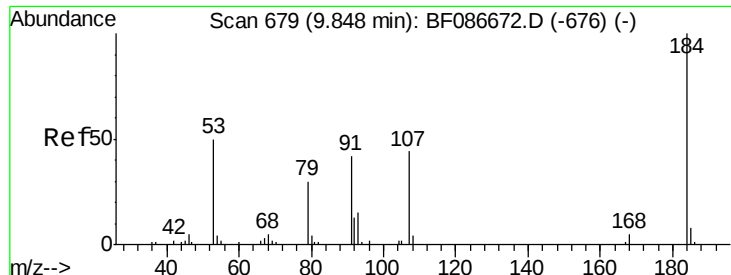
Delta R.T. 0.00 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Tgt Ion:	138	Resp:	42346
Ion Ratio	Lower	Upper	
138	100		
108	9.8	7.8	11.6
92	106.6	87.8	131.8





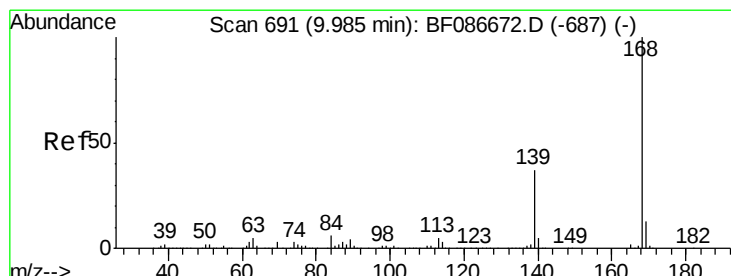
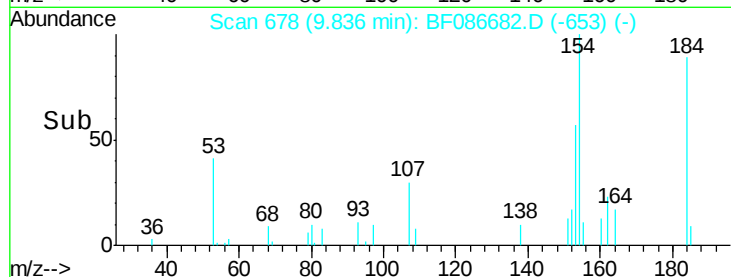
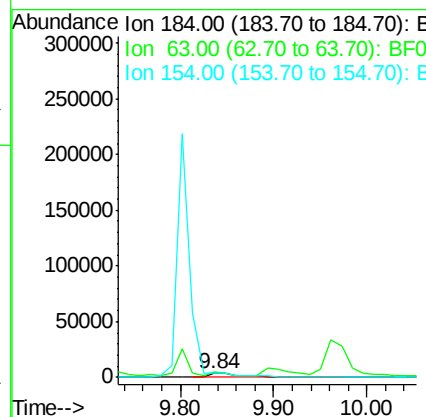
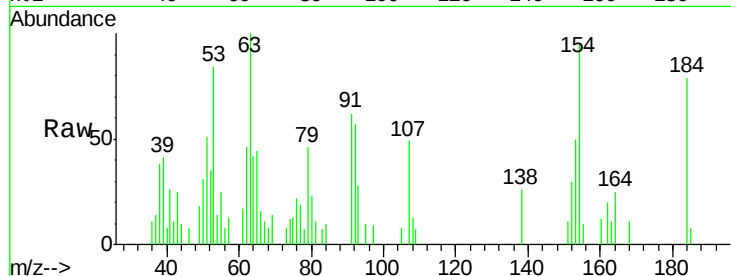
#53
 2,4-Dinitrophenol
 Concen: 16.74 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF086682.D
 Acq: 4 May 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	126.5	55.8	83.8#	
154	121.8	62.4	93.6#	

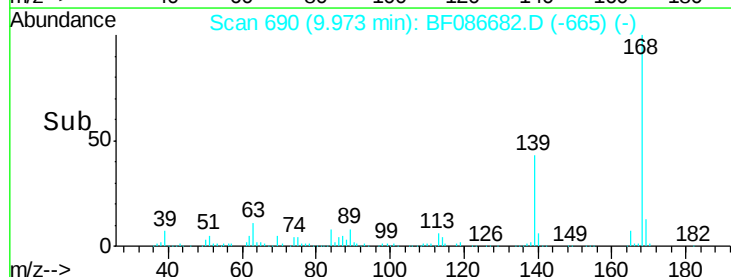
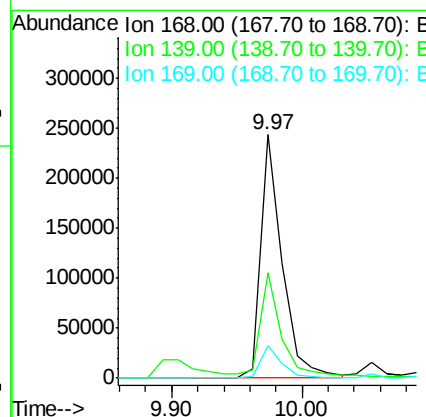
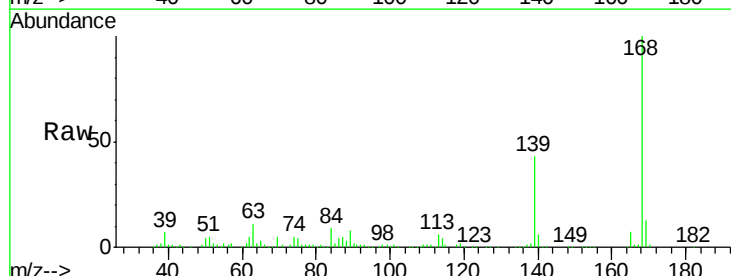
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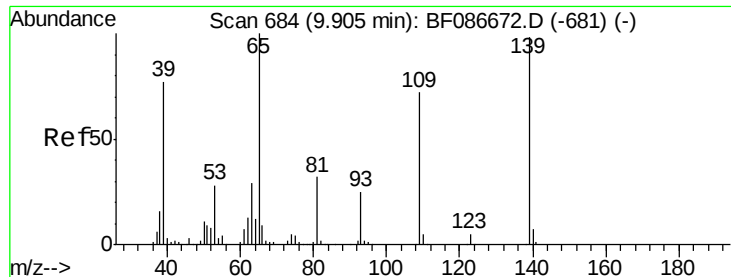
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#54
 Dibenzofuran
 Concen: 12.24 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF086682.D
 Acq: 4 May 2016 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	43.2	31.4	47.0	
169	13.4	10.7	16.1	





#55

4-Nitrophenol

Concen: 13.14 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Instrument :

BNA_F

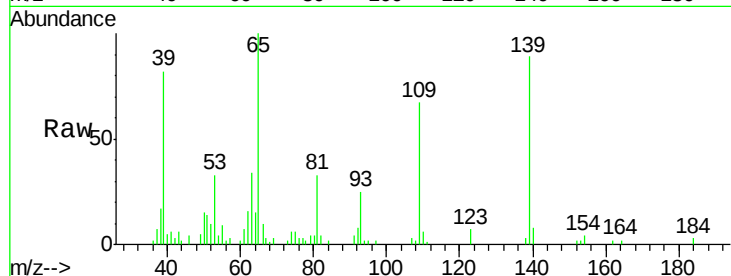
ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

Manual Integrations
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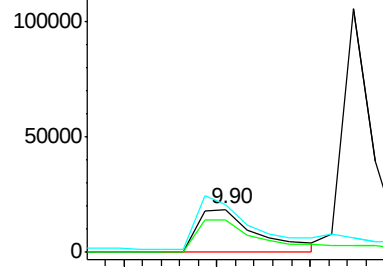
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	75.4	36.9	76.9	
65	111.9	64.0	104.0	



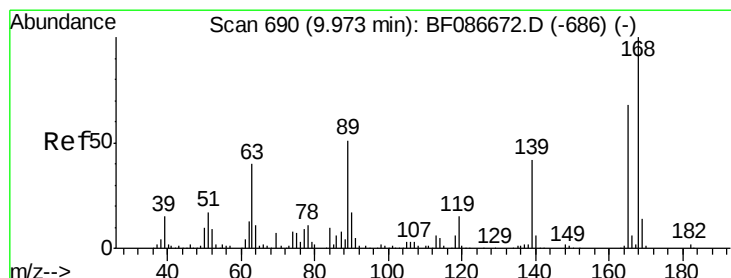
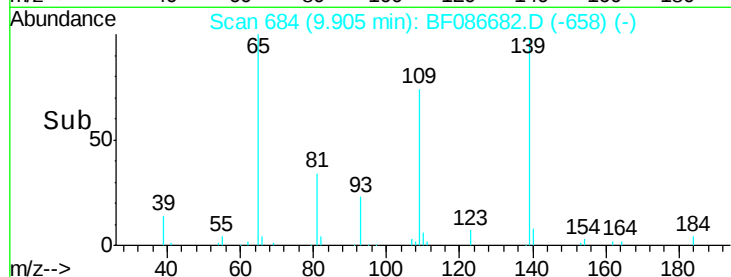
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



Time-->



#56

2,4-Dinitrotoluene

Concen: 10.86 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

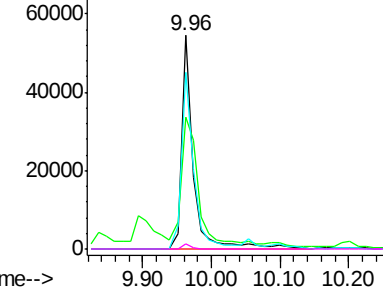
Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	61.5	44.3	66.5	
89	82.6	70.0	105.0	
182	2.5	1.8	2.6	

Abundance Ion 165.00 (164.70 to 165.70): E

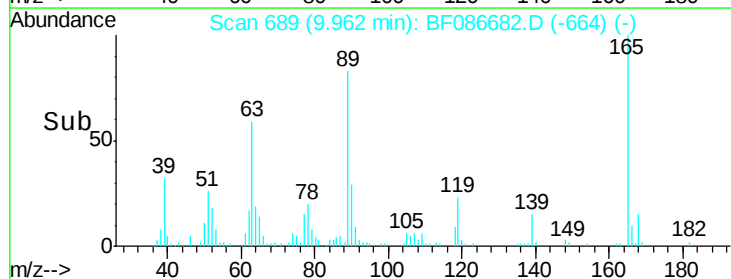
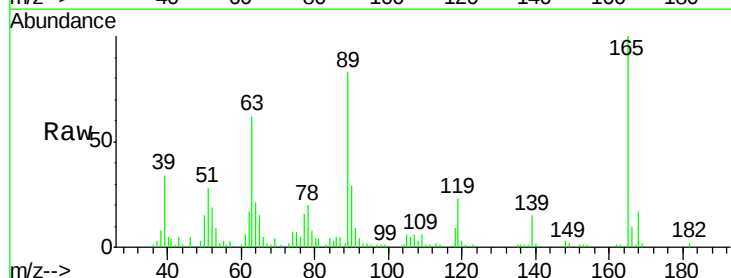
Ion 63.00 (62.70 to 63.70): BF0

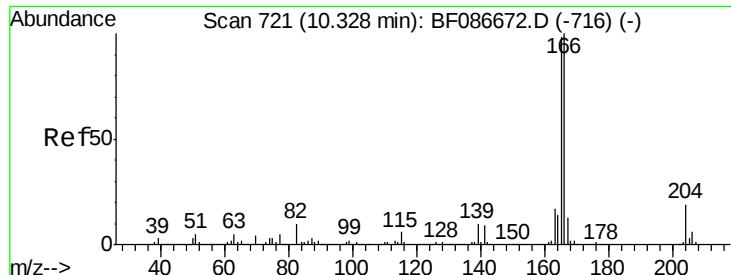
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->





#57

Fluorene

Concen: 11.89 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Instrument :

BNA_F

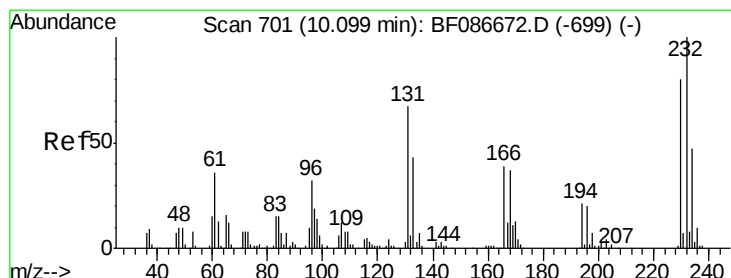
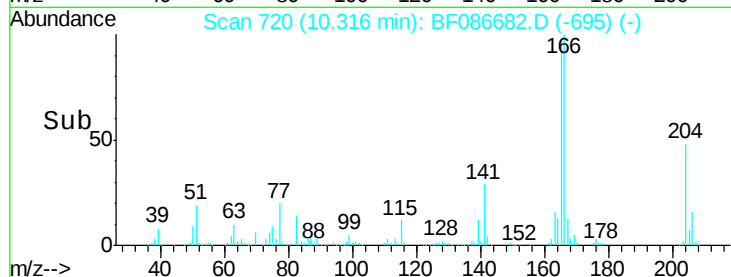
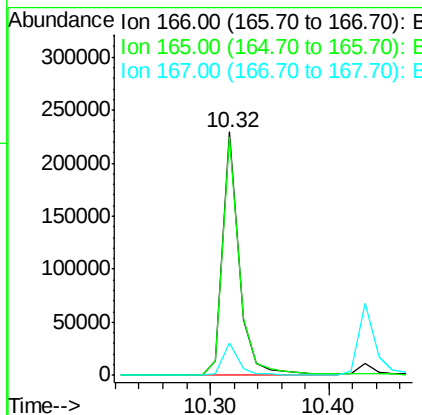
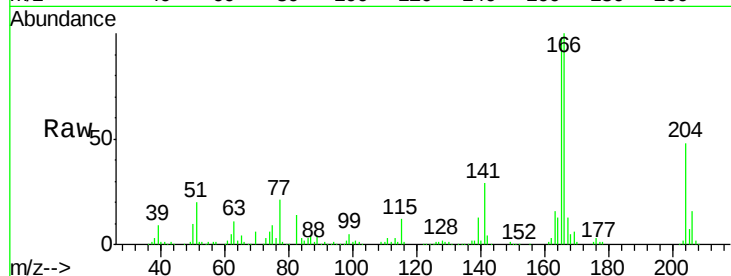
ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion	166	Resp	221705
Ion Ratio	Lower	Upper	
166	100		
165	97.9	79.0	118.6
167	13.4	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 11.99 ng

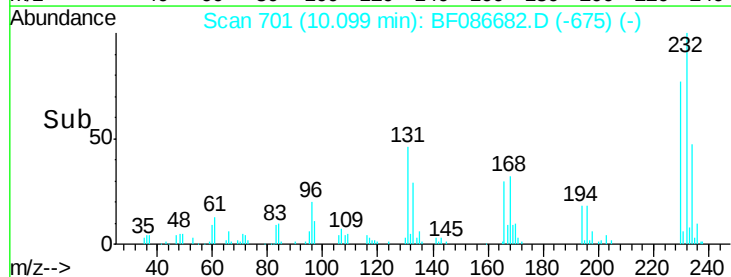
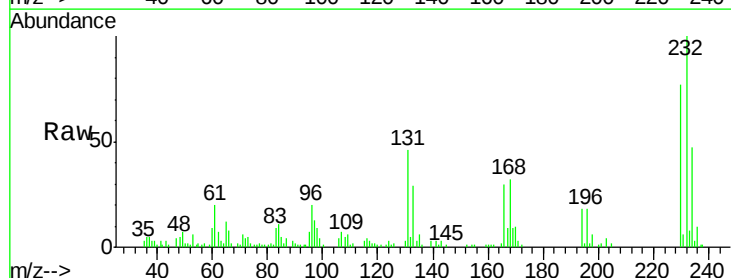
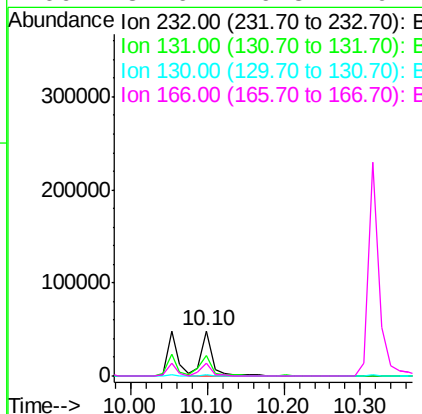
RT: 10.10 min Scan# 701

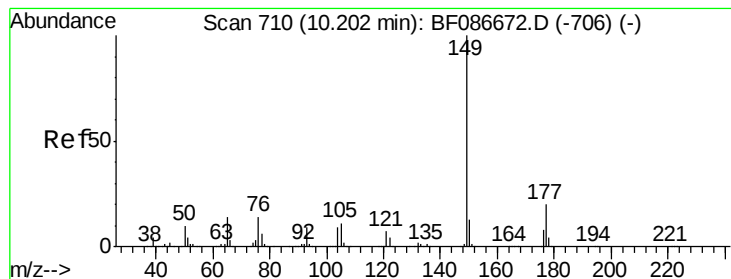
Delta R.T. 0.00 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Tgt Ion	232	Resp	50850
Ion Ratio	Lower	Upper	
232	100		
131	50.9	41.9	62.9
130	2.4	2.2	3.4
166	31.6	26.8	40.2





#59

Diethylphthalate

Concen: 11.30 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Instrument :

BNA_F

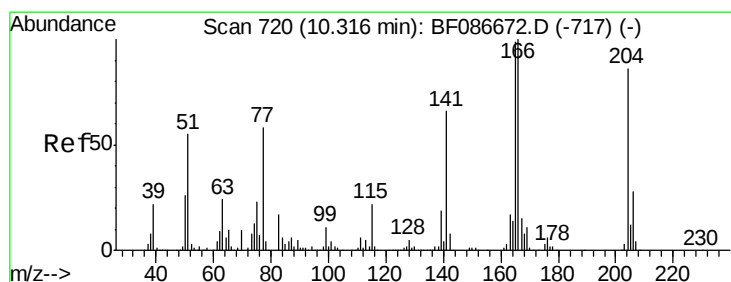
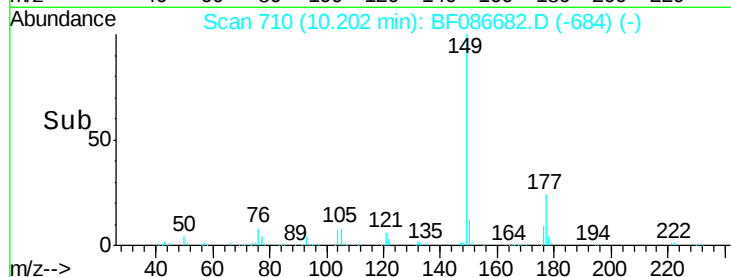
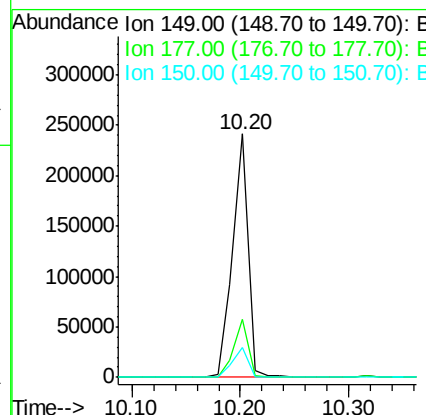
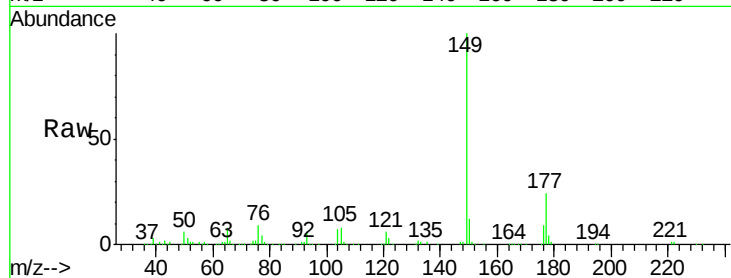
ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion:	149	Resp:	239508
Ion Ratio	Lower	Upper	
149	100		
177	24.0	16.6	24.8
150	12.2	10.0	15.0

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#60

4-Chlorophenyl-phenylether

Concen: 11.65 ng

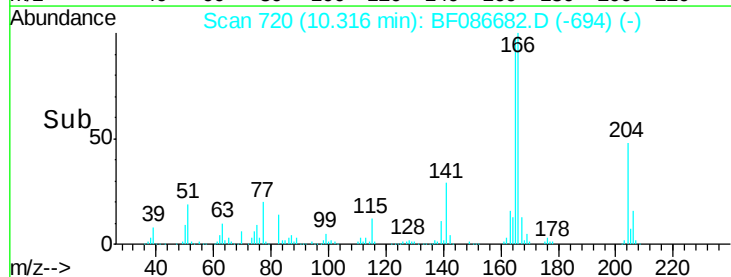
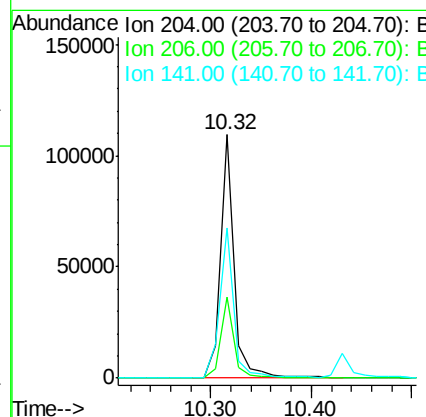
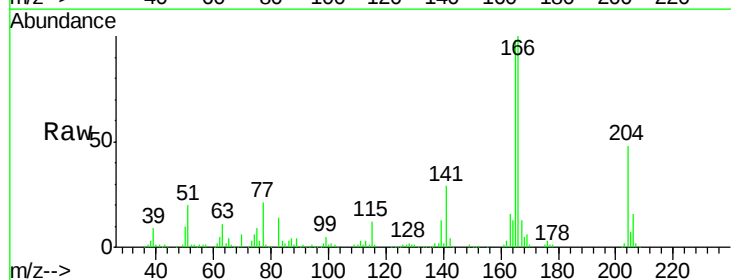
RT: 10.32 min Scan# 720

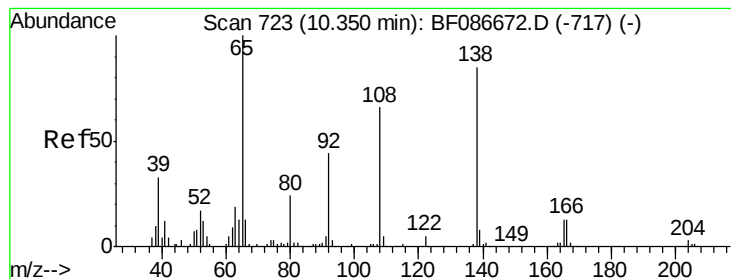
Delta R.T. 0.00 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Tgt Ion:	204	Resp:	103272
Ion Ratio	Lower	Upper	
204	100		
206	33.1	25.4	38.0
141	61.6	61.6	92.4#





#61

4-Nitroaniline

Concen: 8.06 ng

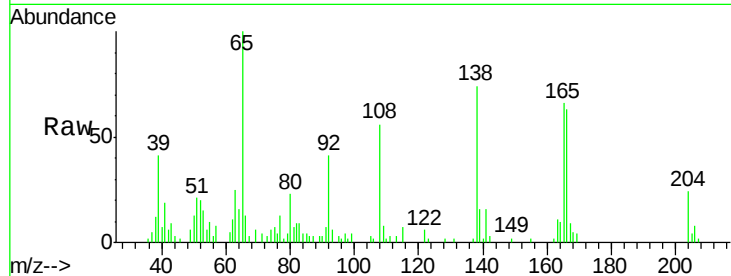
RT: 10.34 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

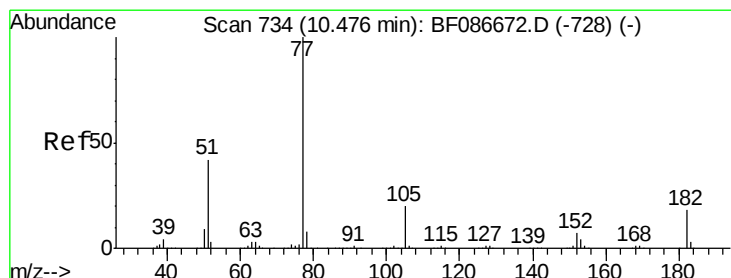
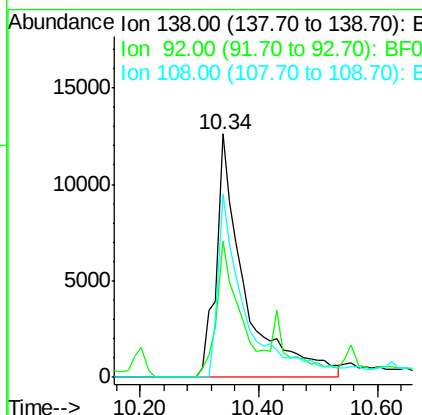
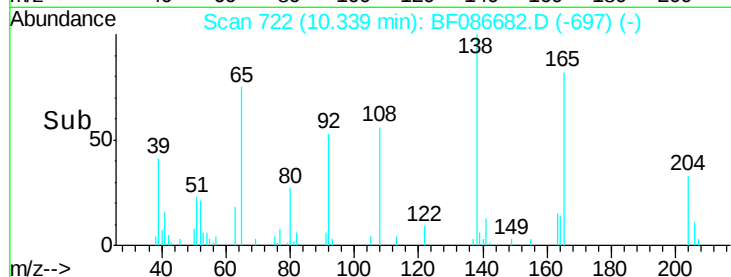
Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS



Tot Ion:	138	Resp:	42290
Ion Ratio	Lower	Upper	
138	100		
92	55.7	24.7	64.7
108	75.4	37.4	77.4

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#62

Azobenzene

Concen: 10.82 ng

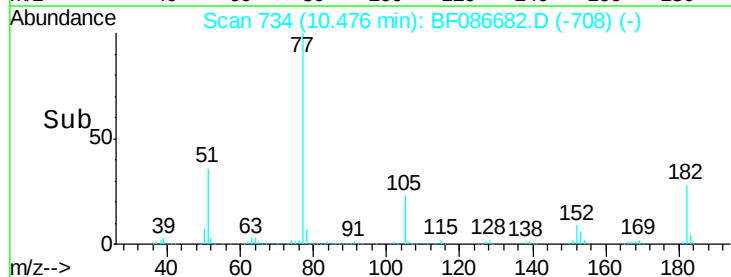
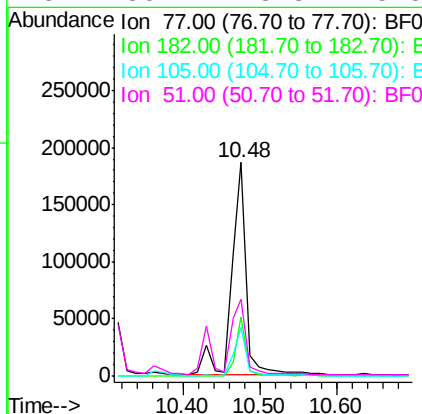
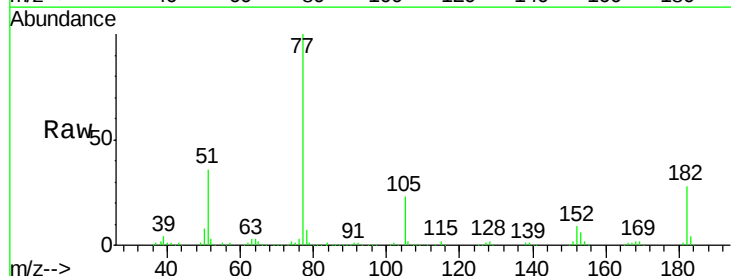
RT: 10.48 min Scan# 734

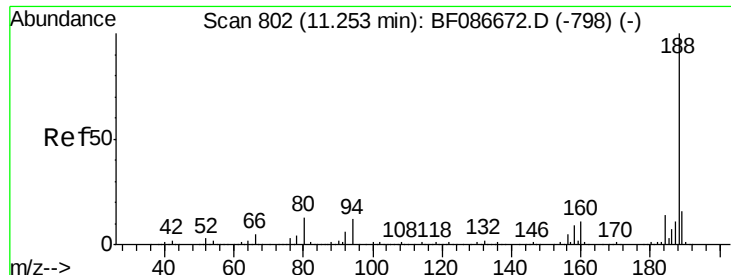
Delta R.T. 0.00 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Tgt Ion:	77	Resp:	254017
Ion Ratio	Lower	Upper	
77	100		
182	27.7	0.0	38.8
105	23.0	3.2	43.2
51	36.2	8.8	48.8





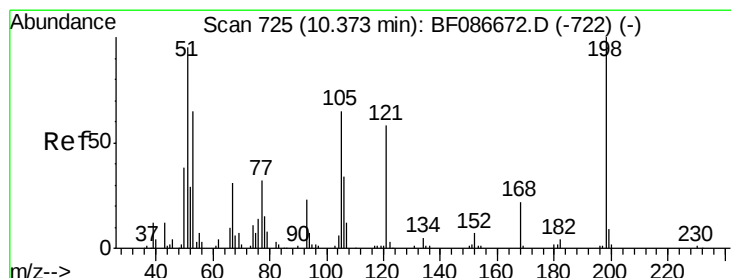
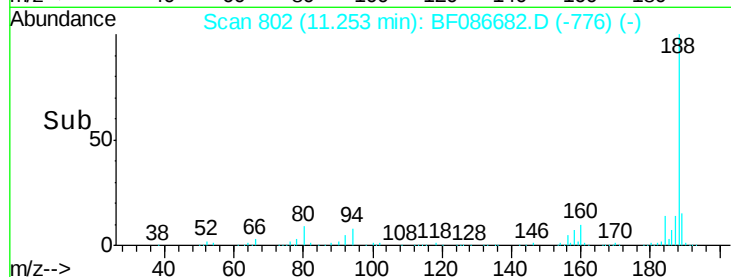
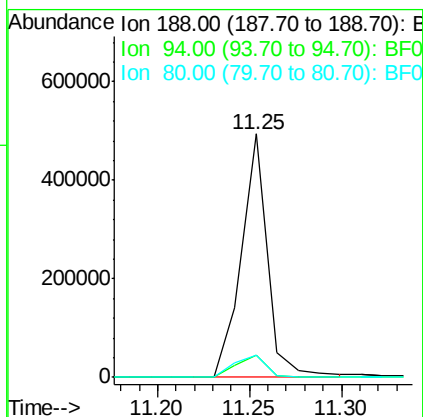
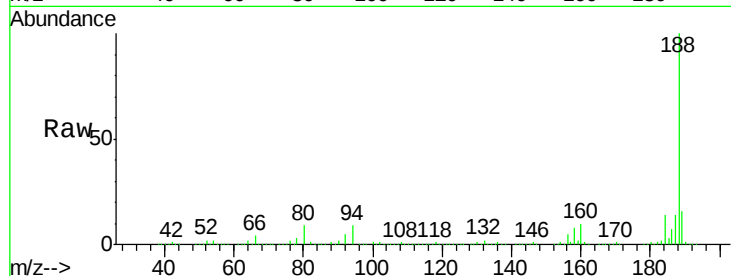
#63
Phenanthrene-d10
Concen: 40.00 ng/mL
RT: 11.25 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	488667		
94	9.1	6.8	10.2	
80	9.4	7.1	10.7	

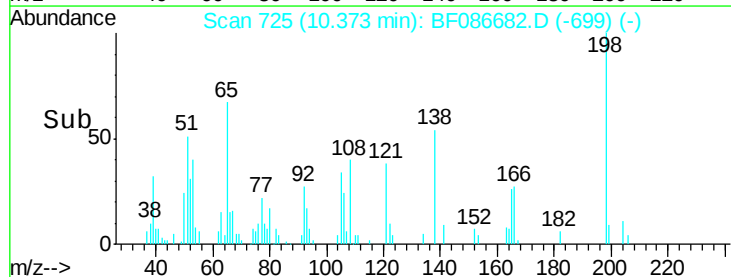
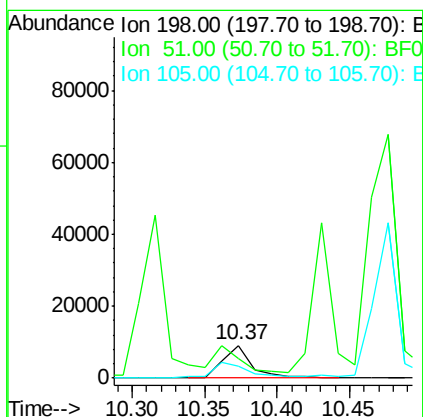
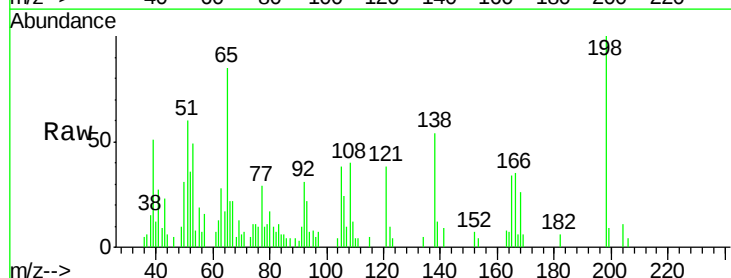
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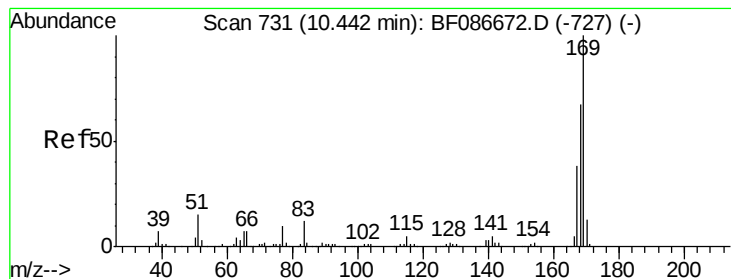
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#64
4,6-Dinitro-2-methylphenol
Concen: 10.84 ng/mL
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	12601		
51	59.9	20.5	60.5	
105	38.2	24.5	64.5	





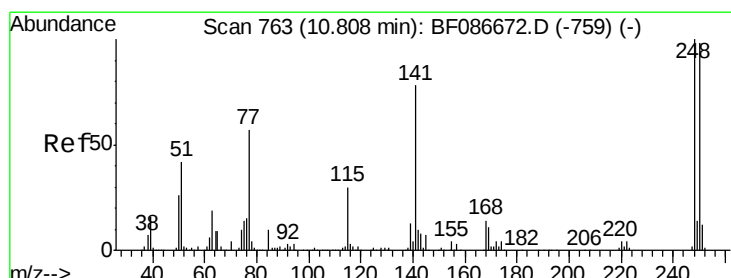
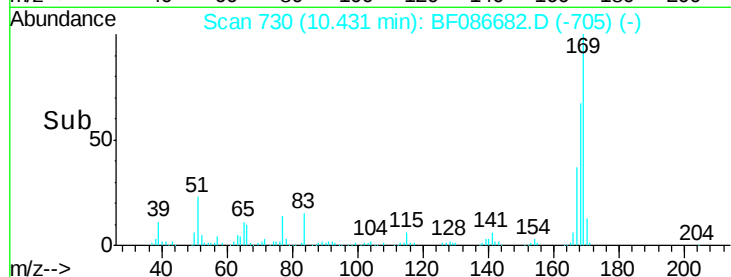
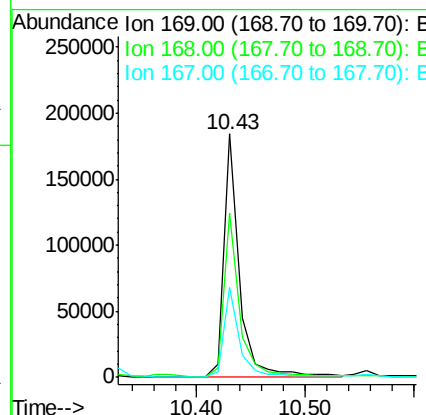
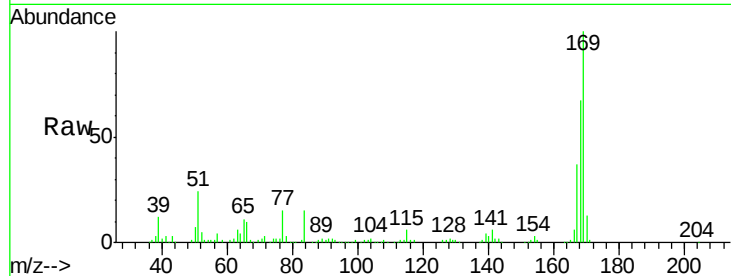
#65
n-Nitrosodiphenylamine
Concen: 12.07 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	187217		
168	67.3	53.8	80.6	
167	36.9	29.5	44.3	

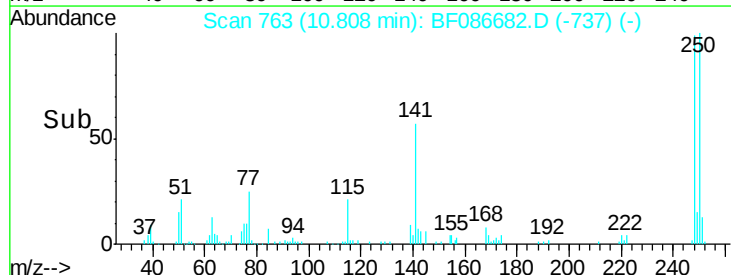
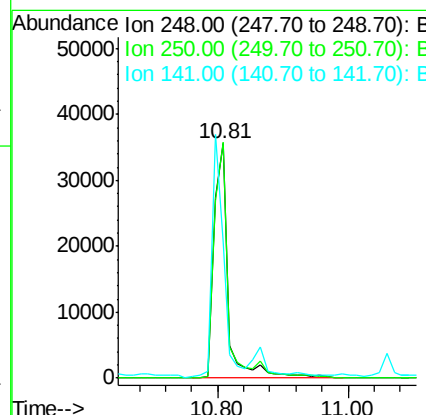
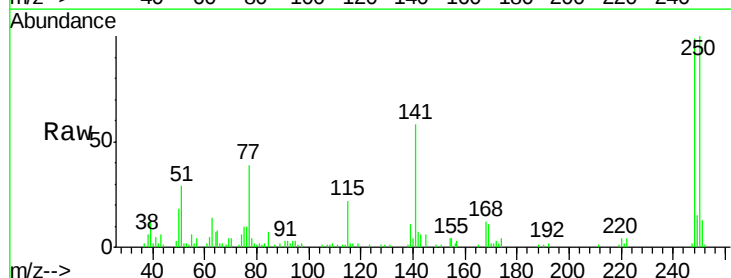
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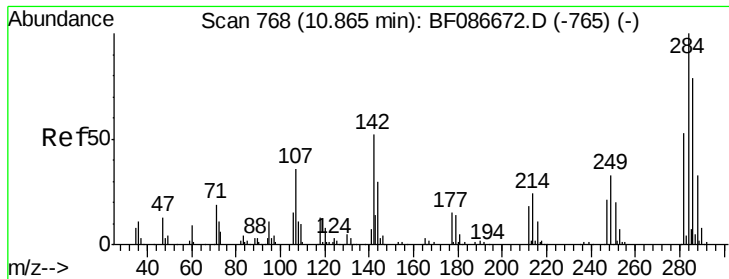
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#66
4-Bromophenyl-phenylether
Concen: 11.26 ng
RT: 10.81 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	54675		
250	100.5	78.6	117.8	
141	58.2	76.0	114.0	





#67

Hexachlorobenzene

Concen: 11.02 ng

RT: 10.86 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Instrument :

BNA_F

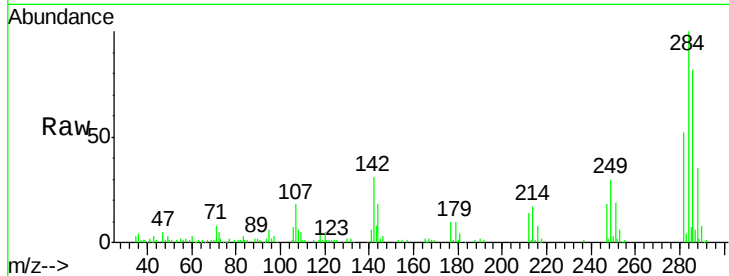
ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

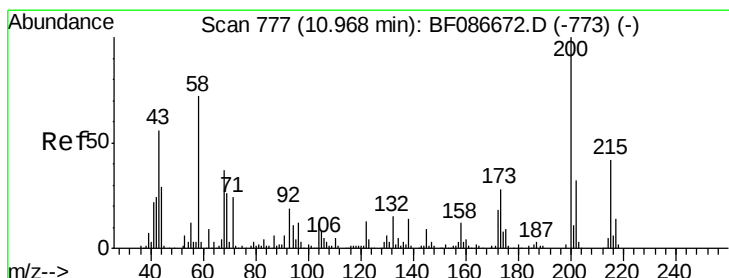
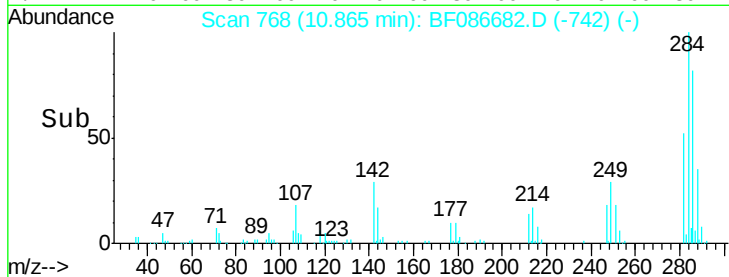
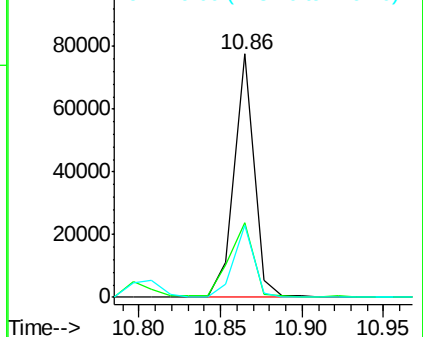
Tot Ion:	284	Resp:	65277
Ion Ratio	Lower	Upper	
284	100		
142	30.9	16.7	25.1#
249	29.7	21.3	31.9

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



#68

Atrazine

Concen: 11.38 ng

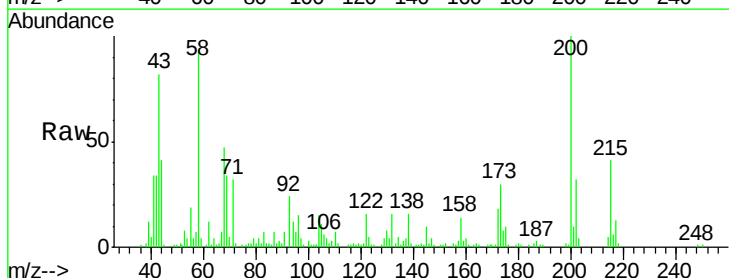
RT: 10.96 min Scan# 776

Delta R.T. -0.01 min

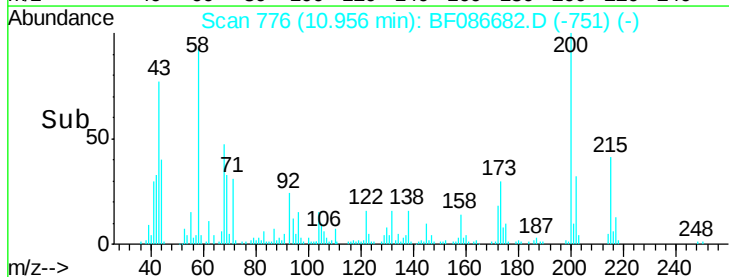
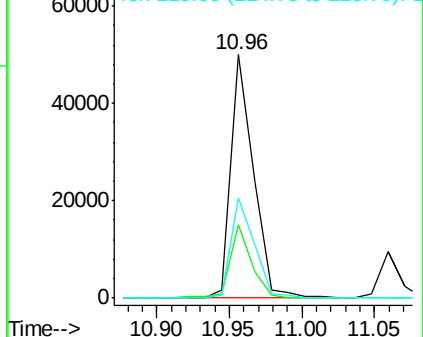
Lab File: BF086682.D

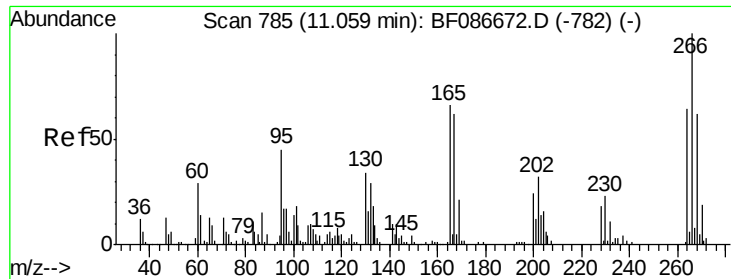
Acq: 4 May 2016 17:48

Tgt Ion:	200	Resp:	54100
Ion Ratio	Lower	Upper	
200	100		
173	29.9	8.5	48.5
215	41.1	27.2	67.2



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





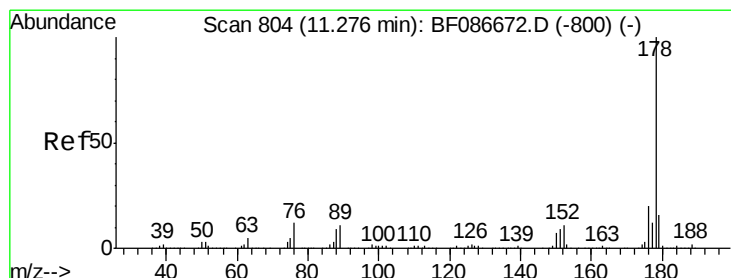
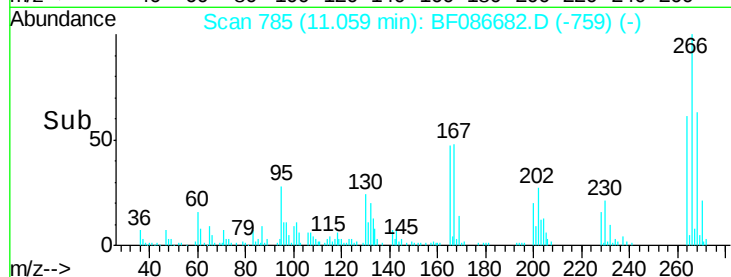
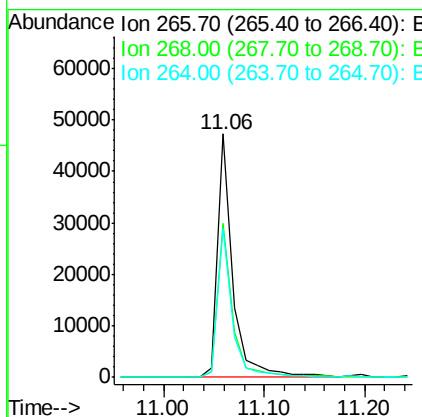
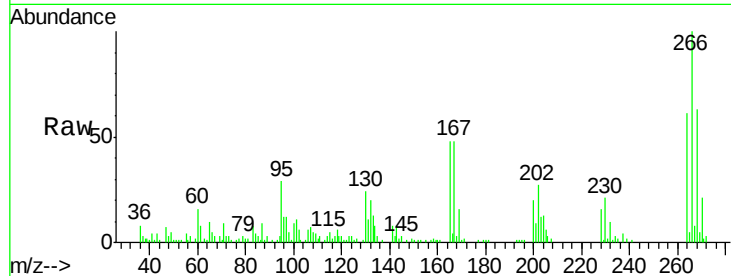
#69
 Pentachlorophenol
 Concen: 21.90 ng
 RT: 11.06 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF086682.D
 Acq: 4 May 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	49850		
268	63.4	51.5	77.3	
264	61.0	52.9	79.3	

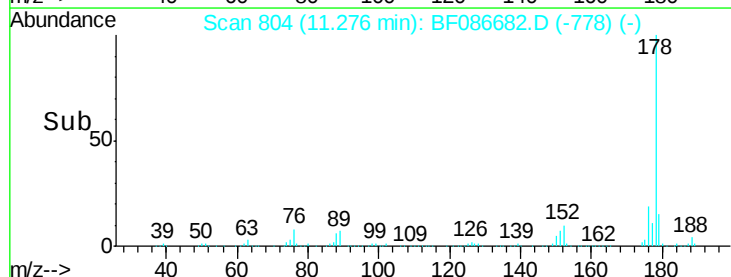
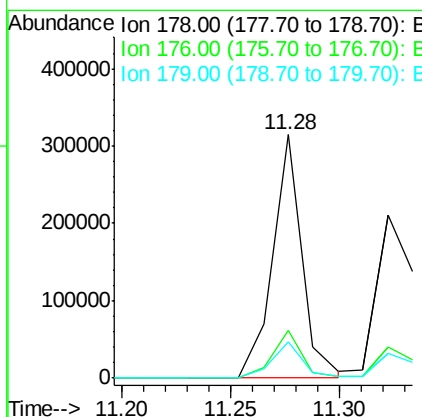
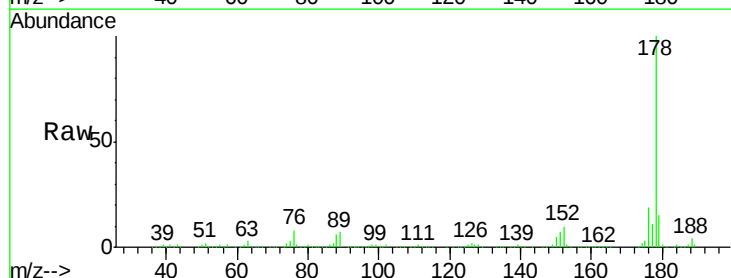
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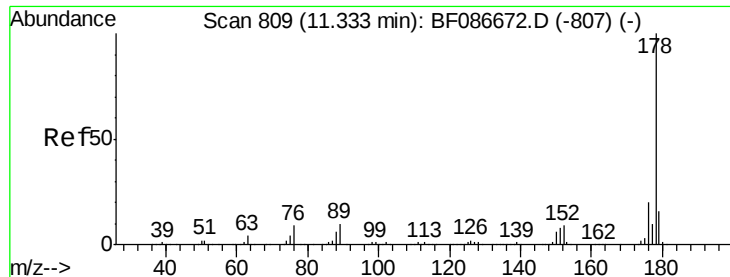
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#70
 Phenanthrene
 Concen: 11.33 ng
 RT: 11.28 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF086682.D
 Acq: 4 May 2016 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	297429		
176	19.4	16.0	24.0	
179	15.0	12.6	18.8	





#71

Anthracene

Concen: 11.04 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Instrument :

BNA_F

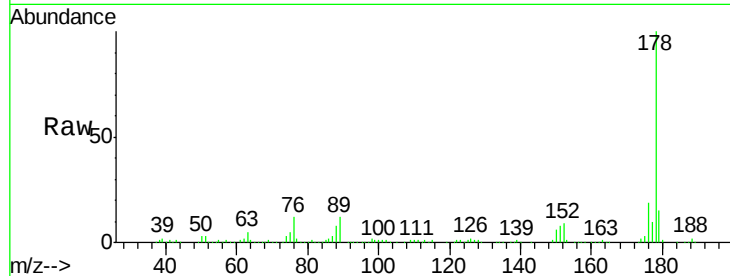
ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

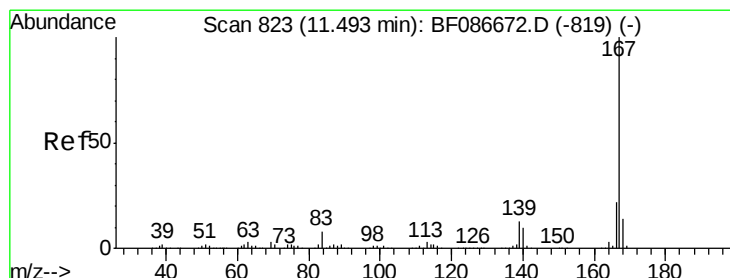
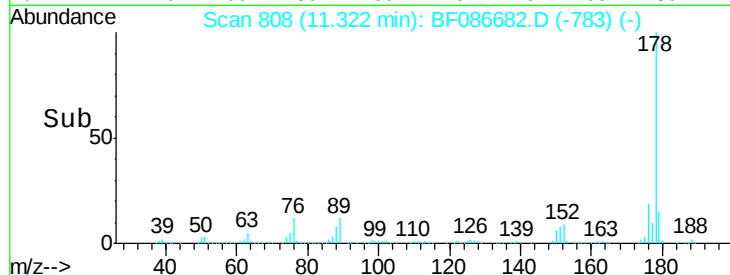
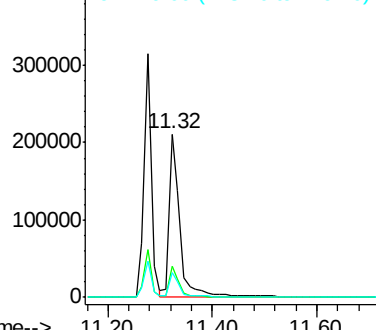
Tot Ion:	178	Resp:	303351
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.6	23.4
179	15.4	12.7	19.1

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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



#72

Carbazole

Concen: 10.57 ng

RT: 11.48 min Scan# 822

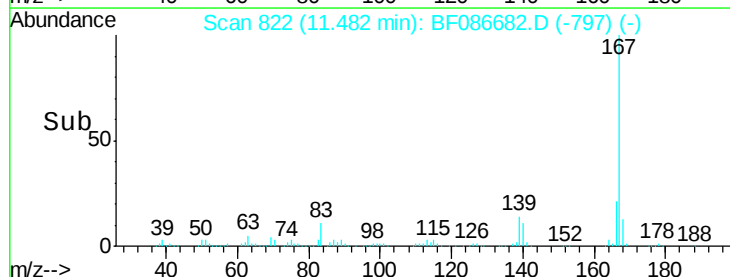
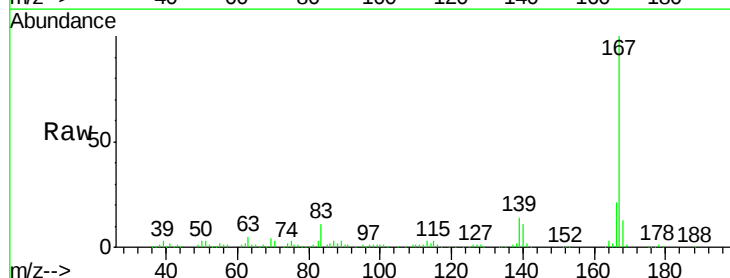
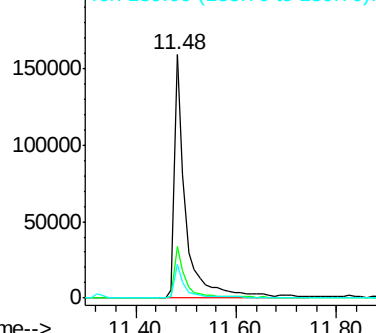
Delta R.T. -0.01 min

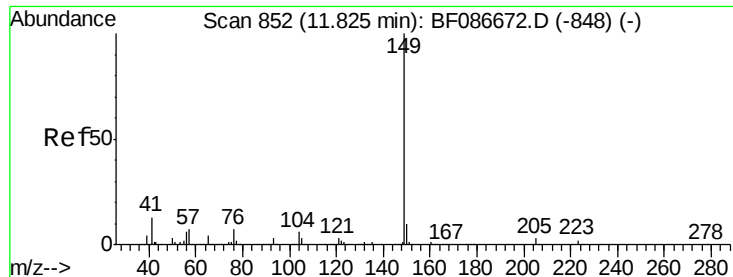
Lab File: BF086682.D

Acq: 4 May 2016 17:48

Tgt Ion:	167	Resp:	252362
Ion Ratio	Lower	Upper	
167	100		
166	21.4	17.7	26.5
139	13.7	10.8	16.2

Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 11.64 ng

RT: 11.82 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Instrument :

BNA_F

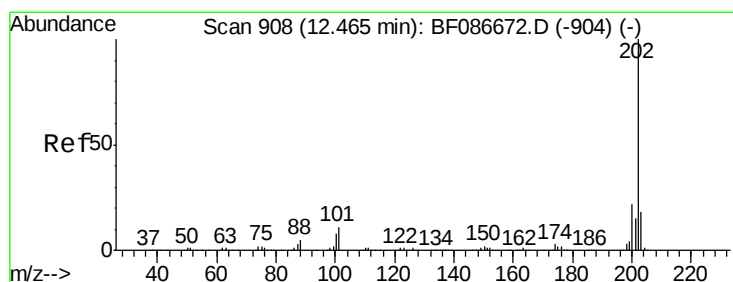
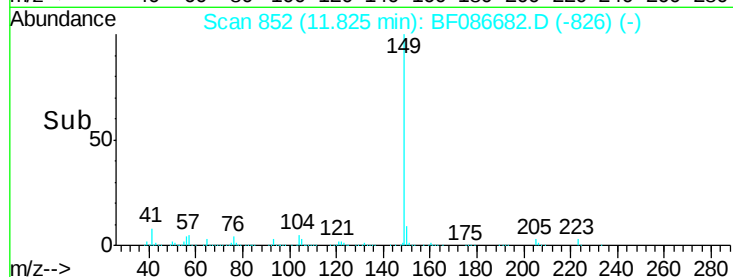
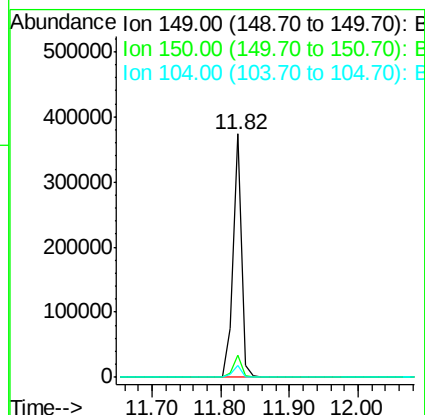
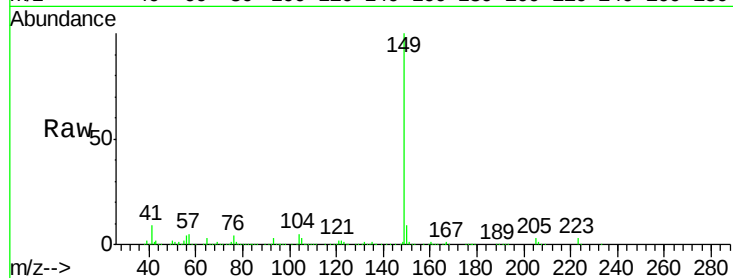
ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion:	149	Resp:	329756
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.6	11.4
104	4.7	3.8	5.6

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#74

Fluoranthene

Concen: 10.19 ng

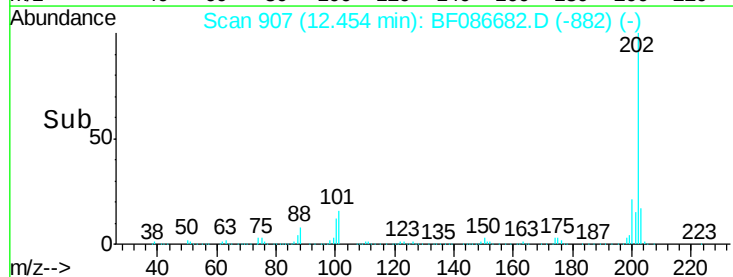
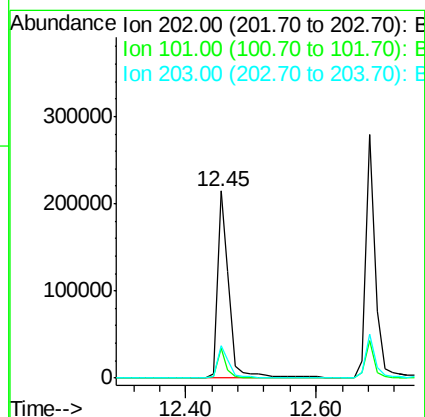
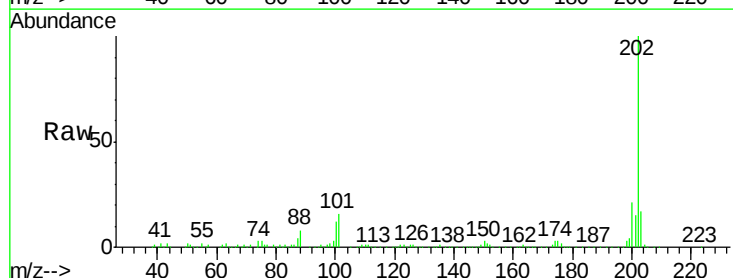
RT: 12.45 min Scan# 907

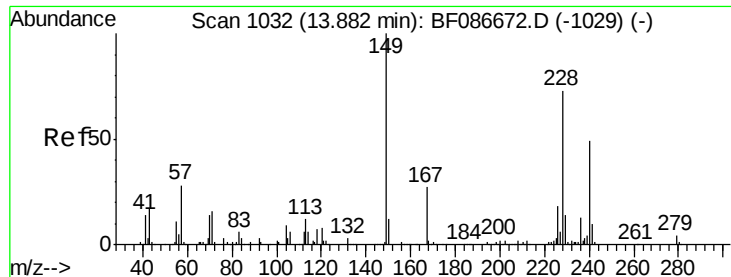
Delta R.T. -0.01 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Tgt Ion:	202	Resp:	268068
Ion Ratio	Lower	Upper	
202	100		
101	16.1	0.0	35.4
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Instrument :

BNA_F

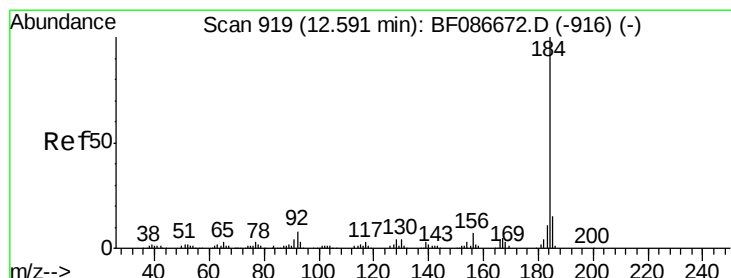
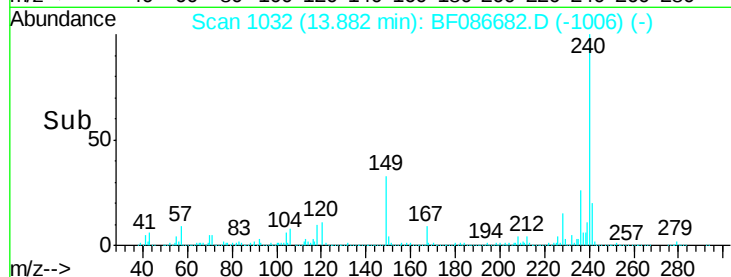
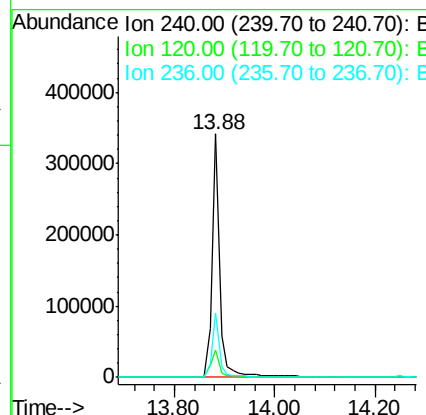
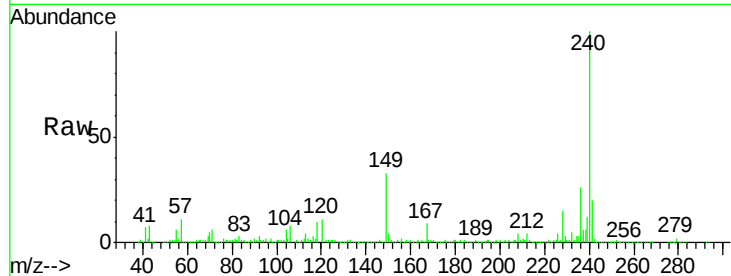
ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion:	240	Resp:	367473
Ion Ratio	Lower	Upper	
240	100		
120	11.4	11.2	16.8
236	26.4	21.2	31.8

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#76

Benzidine

Concen: 7.72 ng

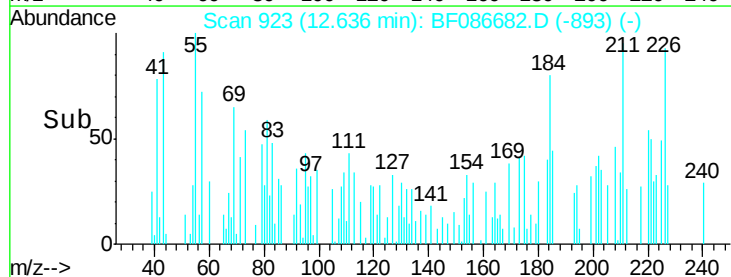
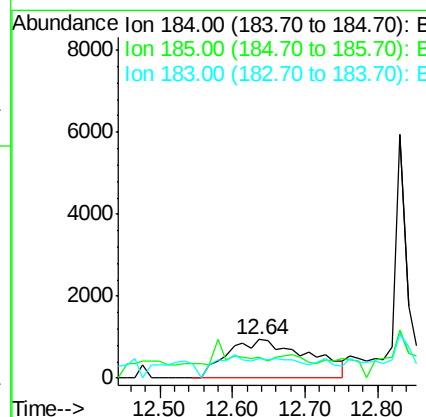
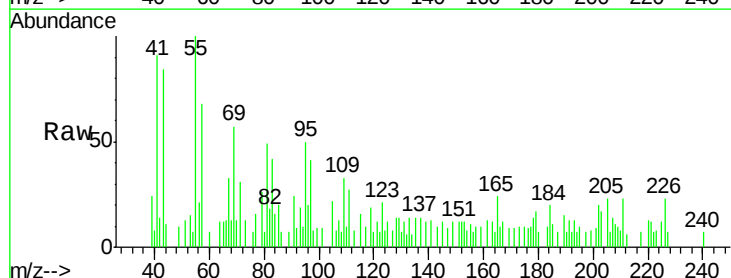
RT: 12.64 min Scan# 923

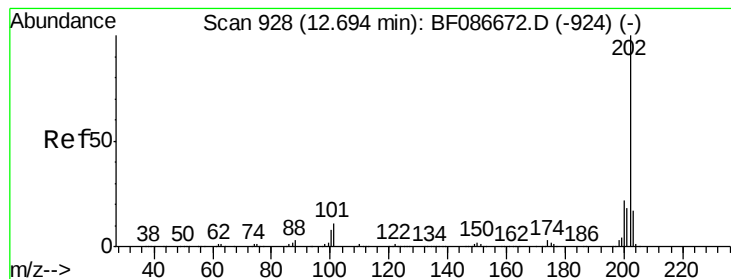
Delta R.T. 0.05 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Tgt Ion:	184	Resp:	7364
Ion Ratio	Lower	Upper	
184	100		
185	55.4	13.6	20.4#
183	50.4	9.8	14.6#





#77

Pvrene

Concen: 9.36 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Instrument :

BNA_F

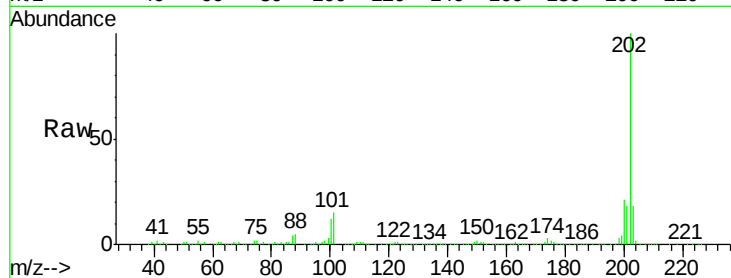
ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

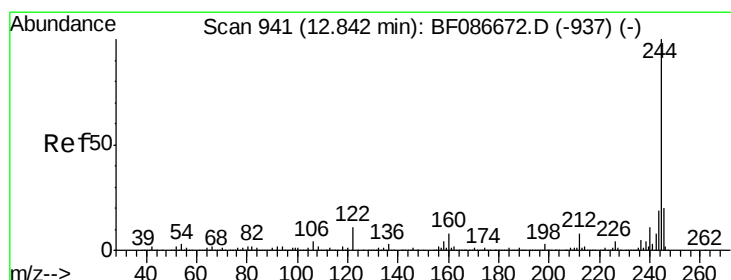
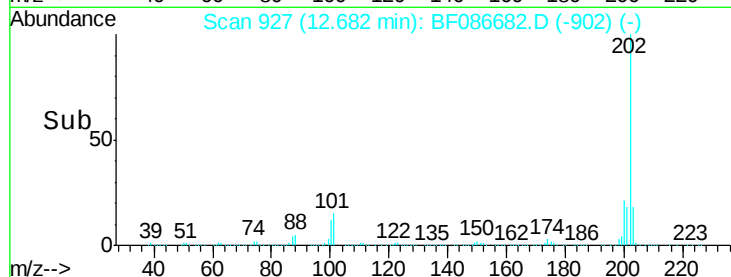
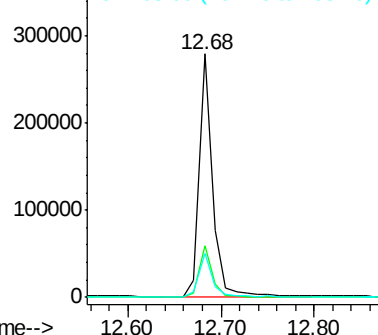
Tot Ion:	202	Resp:	274072
Ion Ratio		Lower	Upper
202	100		
200	21.4	17.7	26.5
203	18.0	14.2	21.4

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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: 18.93 ng

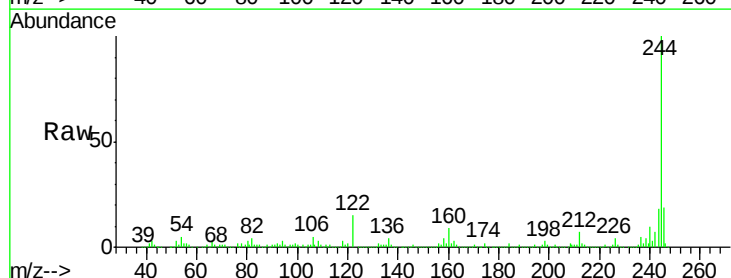
RT: 12.83 min Scan# 940

Delta R.T. -0.01 min

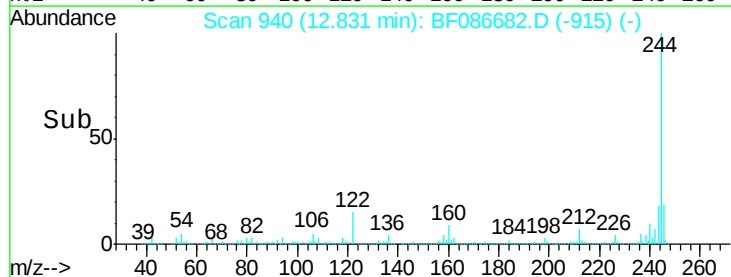
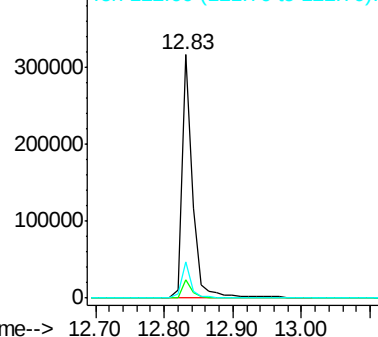
Lab File: BF086682.D

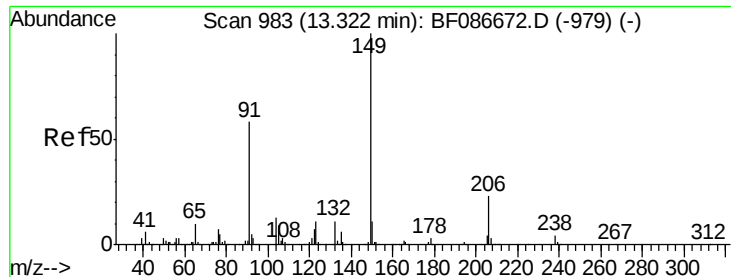
Acq: 4 May 2016 17:48

Tgt Ion:	244	Resp:	344175
Ion Ratio		Lower	Upper
244	100		
212	7.5	6.2	9.2
122	14.9	12.0	18.0



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





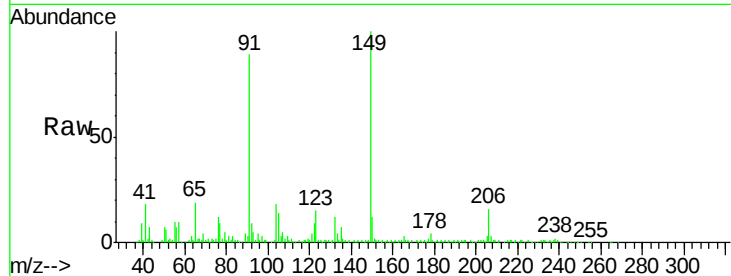
#79
Butylbenzylphthalate
Concen: 8.50 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

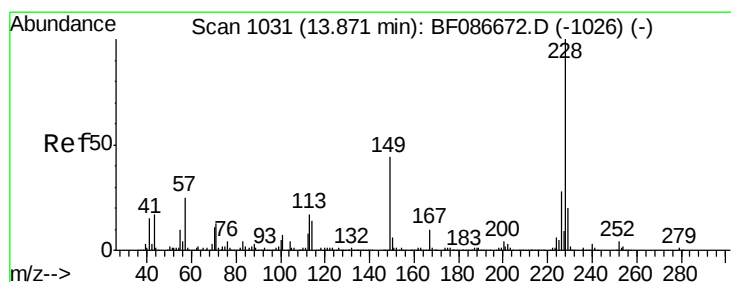
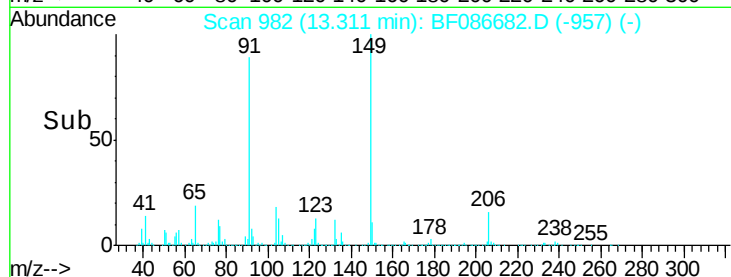
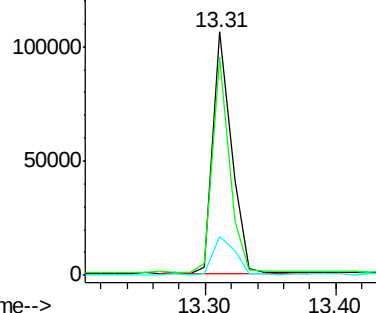
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	89.5	48.0	72.0#	
206	15.9	15.8	23.6	

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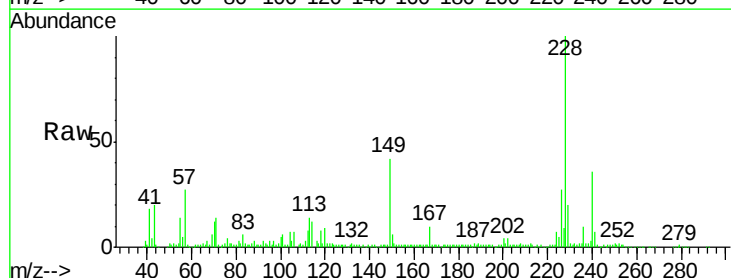


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

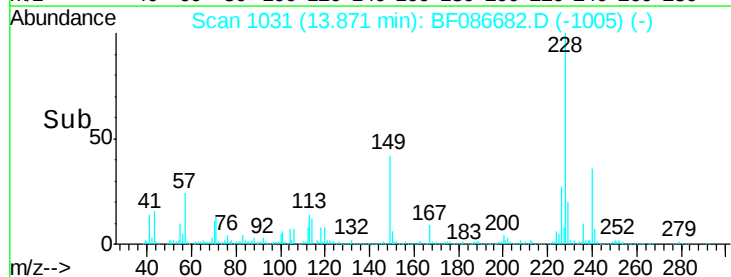
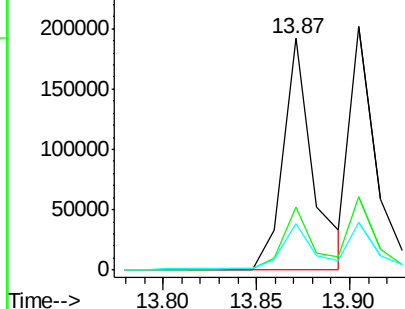


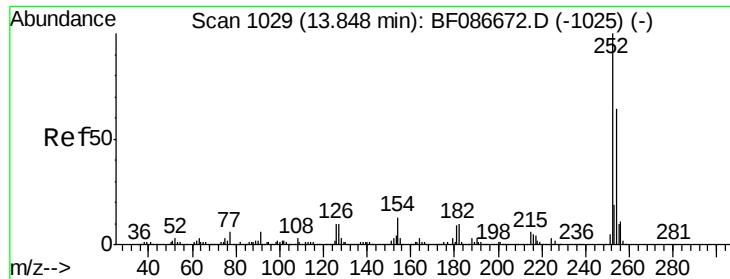
#80
Benzo(a)anthracene
Concen: 10.26 ng
RT: 13.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.2	22.5	33.7	
229	20.3	16.6	25.0	



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 3.34 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Instrument :

BNA_F

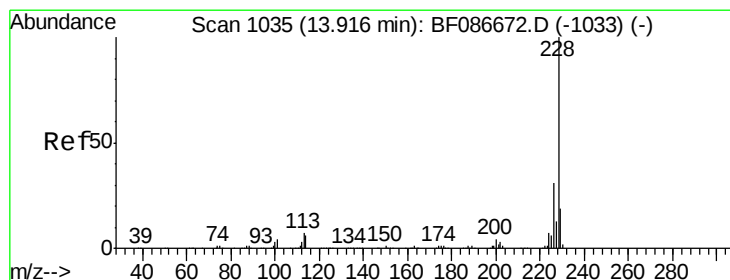
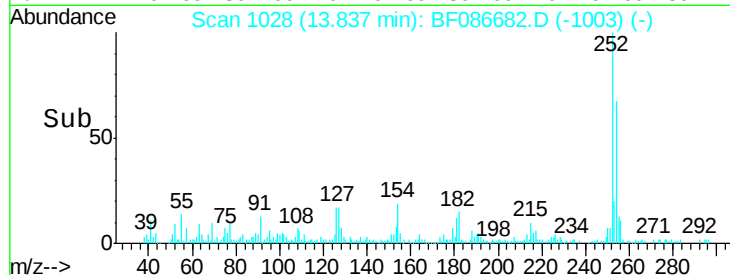
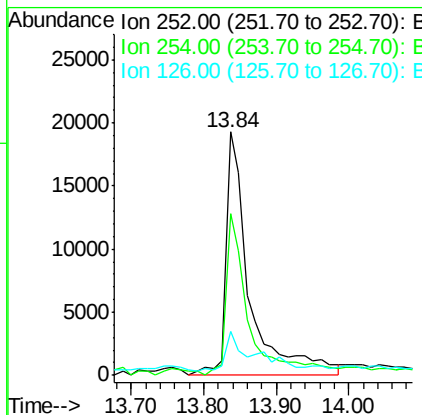
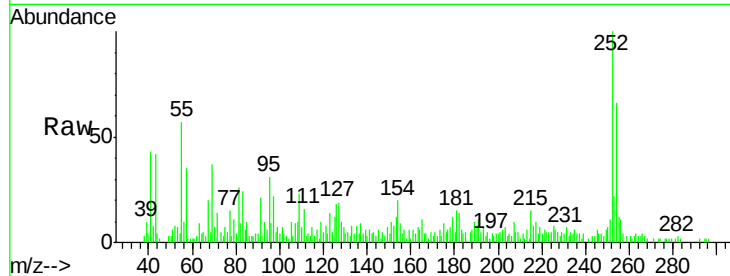
ClientSampleId :

26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion:	252	Resp:	43581
Ion Ratio		Lower	Upper
252	100		
254	66.5	50.7	76.1
126	18.1	12.7	19.1

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#82

Chrysene

Concen: 9.68 ng

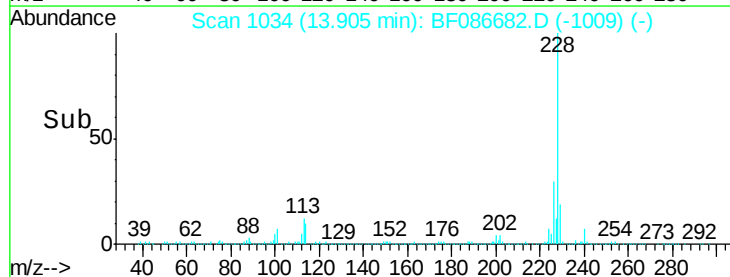
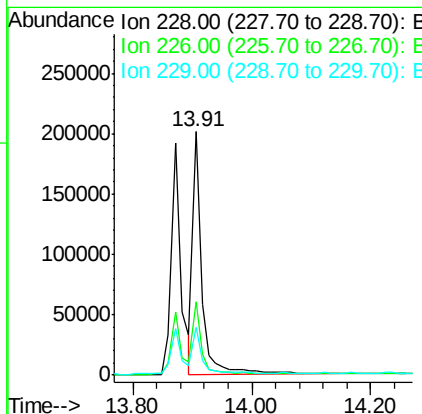
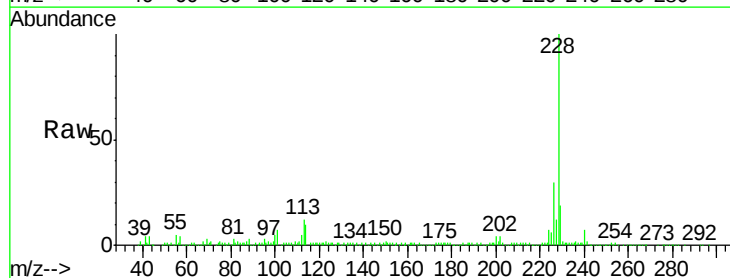
RT: 13.91 min Scan# 1034

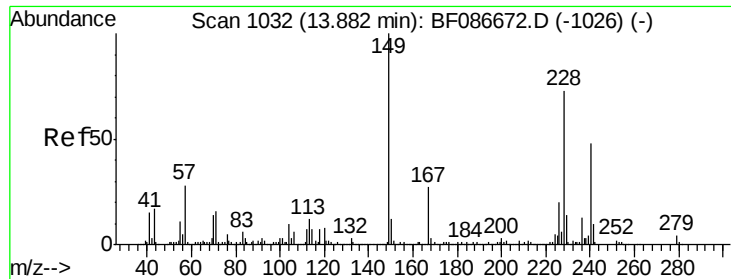
Delta R.T. -0.01 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Tgt Ion:	228	Resp:	214682
Ion Ratio		Lower	Upper
228	100		
226	30.1	24.4	36.6
229	19.5	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 9.58 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF086682.D

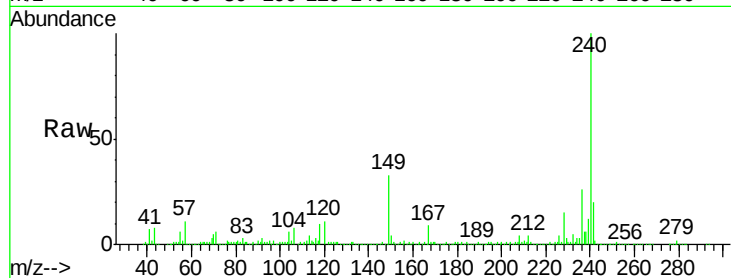
Acq: 4 May 2016 17:48

Instrument :

BNA_F

ClientSampleId :

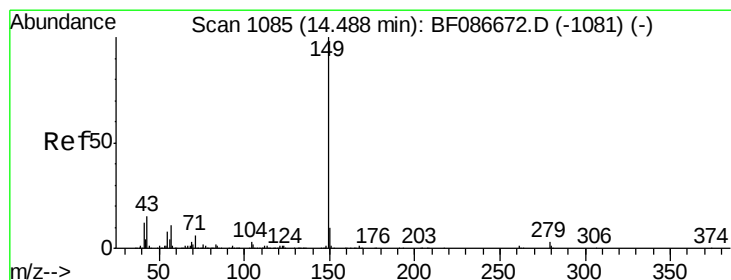
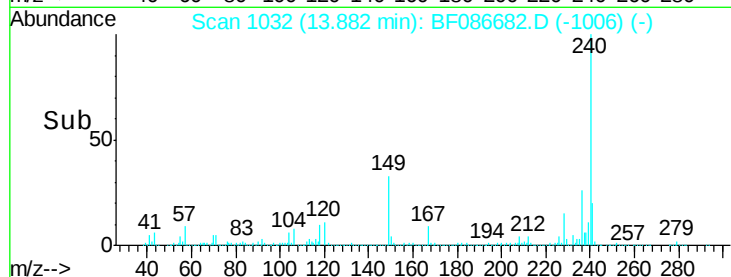
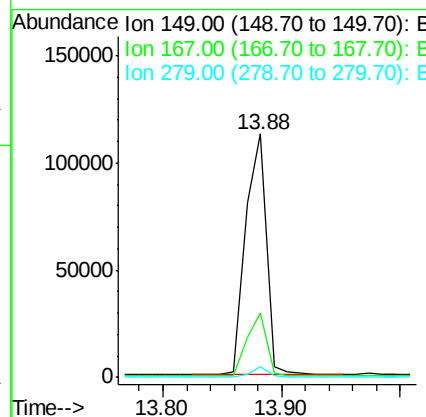
26WARD-2B-CS-5(10-20FTBGS)MS



Tot Ion	149	Resp	136084
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.8	32.6
279	4.6	2.6	4.0#

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#84

Di-n-octyl phthalate

Concen: 12.20 ng

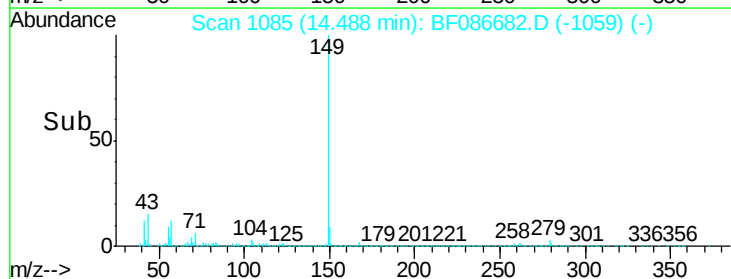
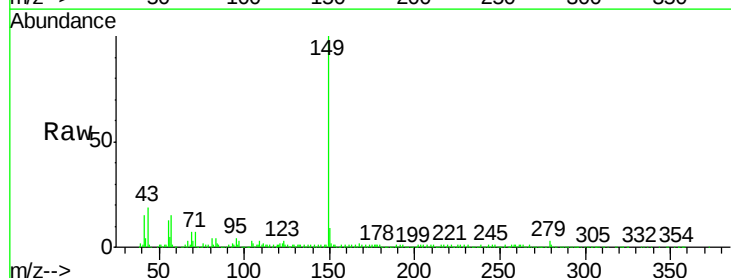
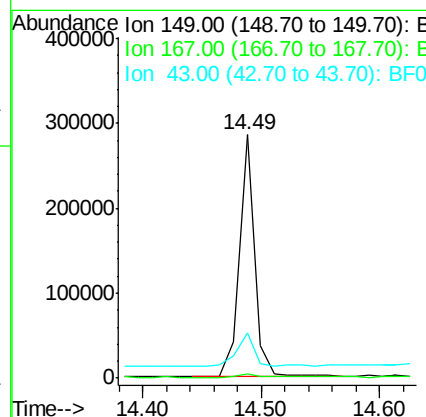
RT: 14.49 min Scan# 1085

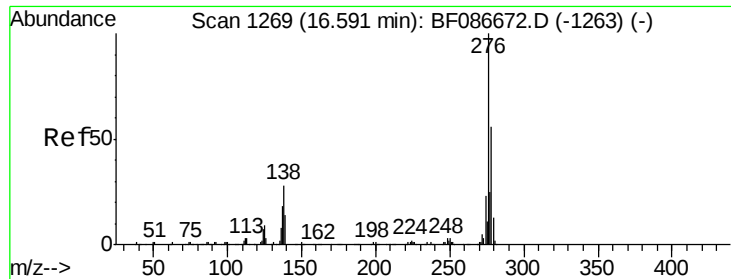
Delta R.T. 0.00 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Tgt Ion	149	Resp	254877
Ion Ratio	Lower	Upper	
149	100		
167	2.1	1.2	1.8#
43	16.9	8.2	12.4#





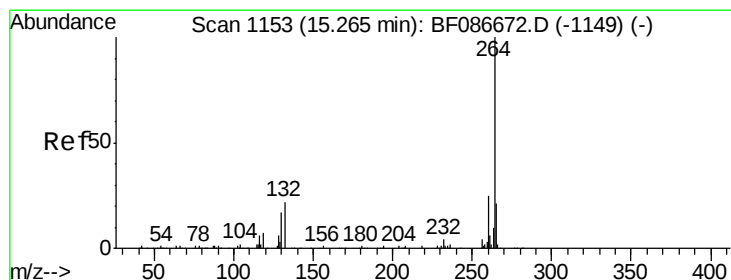
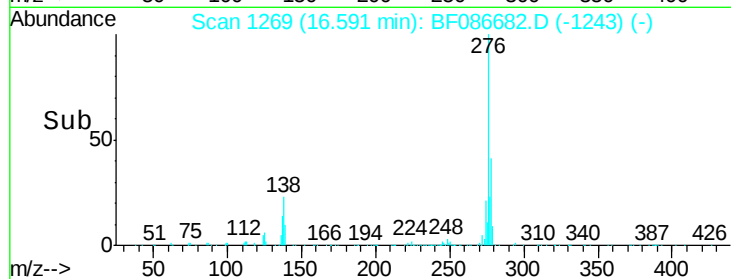
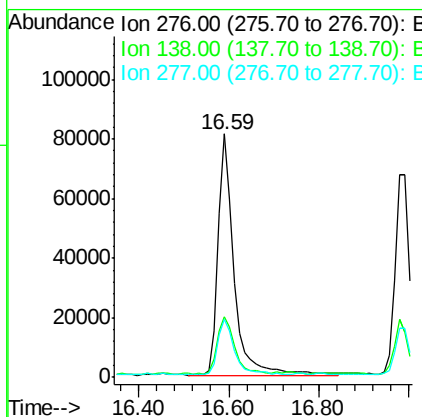
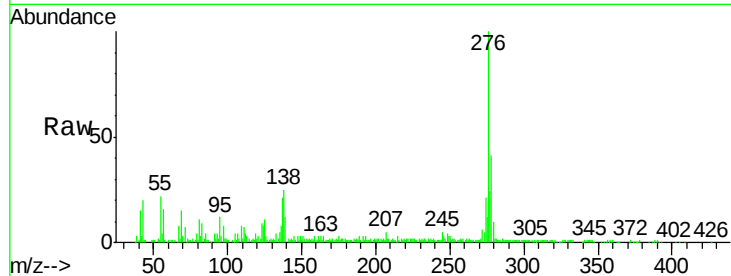
#85
Indeno(1,2,3-cd)pyrene
Concen: 10.60 ng
RT: 16.59 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.6	25.6	38.4
277	23.7	20.5	30.7

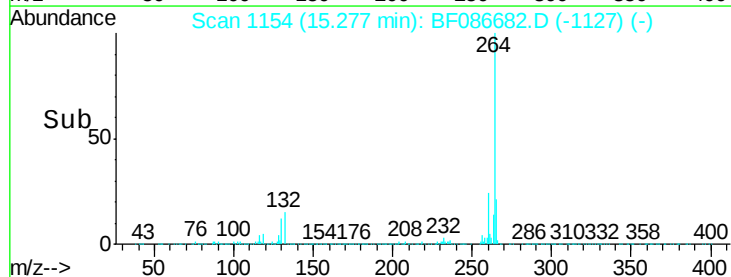
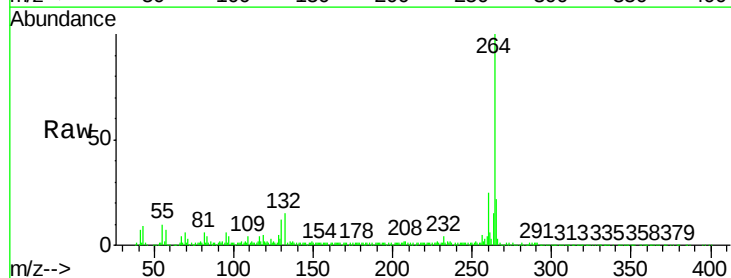
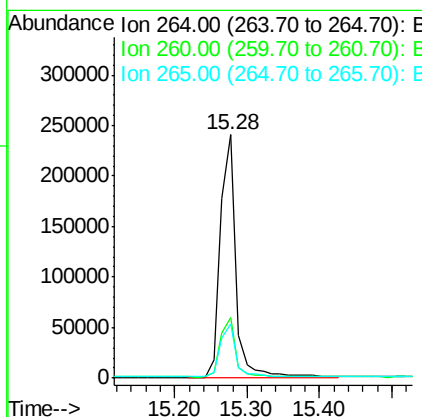
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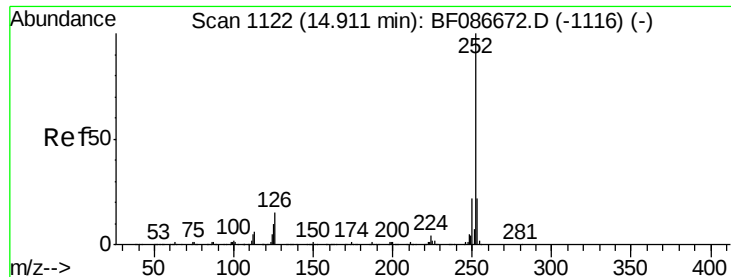
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#86
Perylene-d12
Concen: 40.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 11.88 ng m

RT: 14.88 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF086682.D

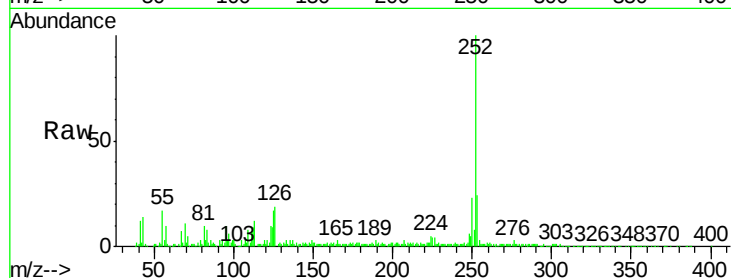
Acq: 4 May 2016 17:48

Instrument :

BNA_F

ClientSampleId :

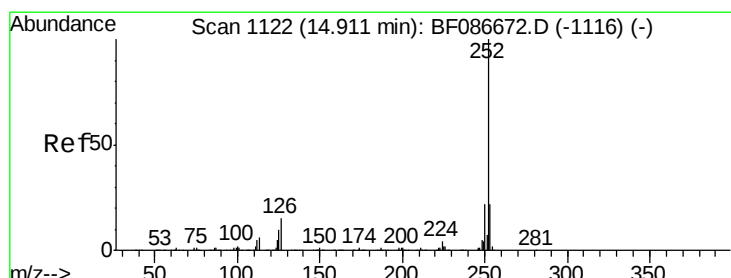
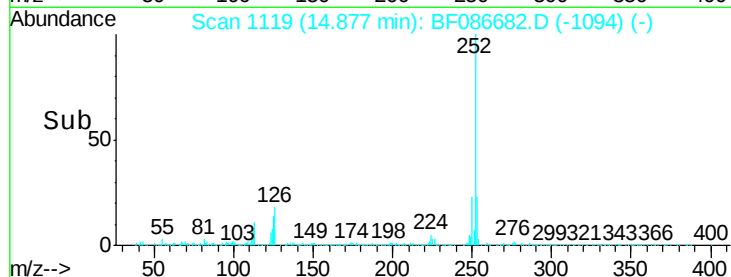
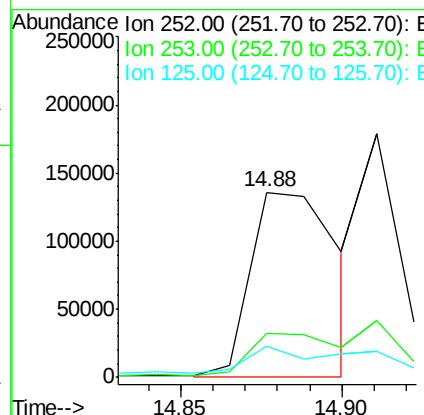
26WARD-2B-CS-5(10-20FTBGS)MS



Tot Ion:	252	Resp:	254114
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.8	26.6
125	16.8	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 8.86 ng m

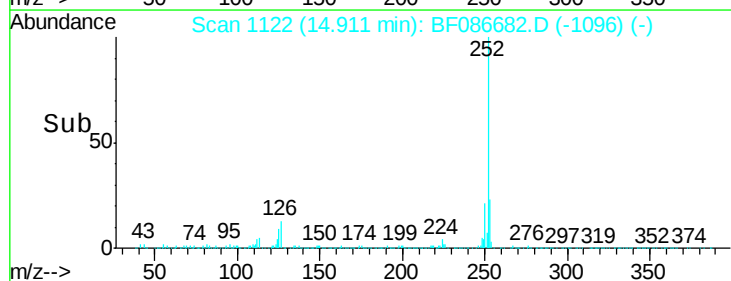
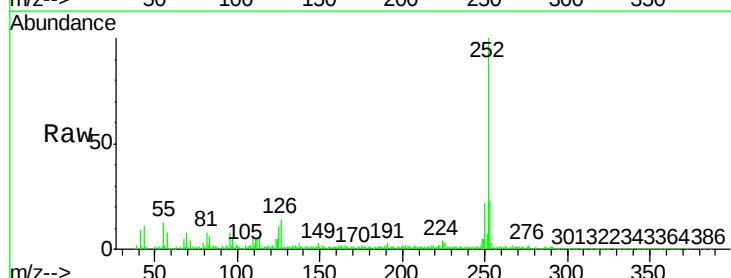
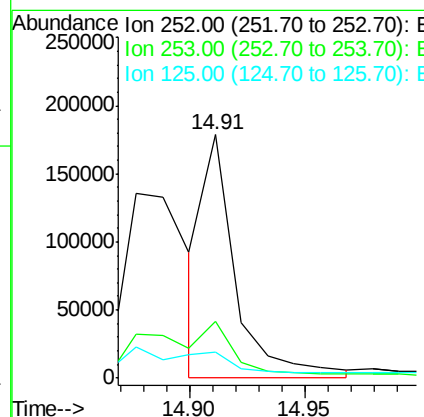
RT: 14.91 min Scan# 1122

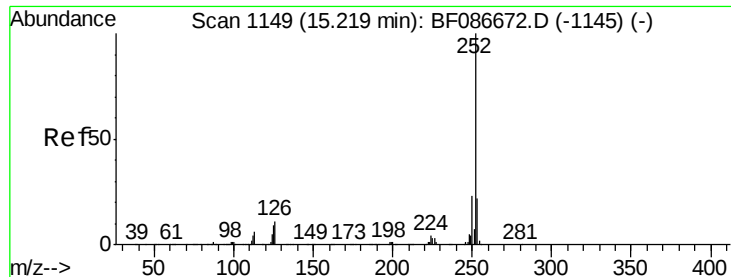
Delta R.T. 0.00 min

Lab File: BF086682.D

Acq: 4 May 2016 17:48

Tgt Ion:	252	Resp:	178643
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.8	26.6
125	10.7	9.1	13.7





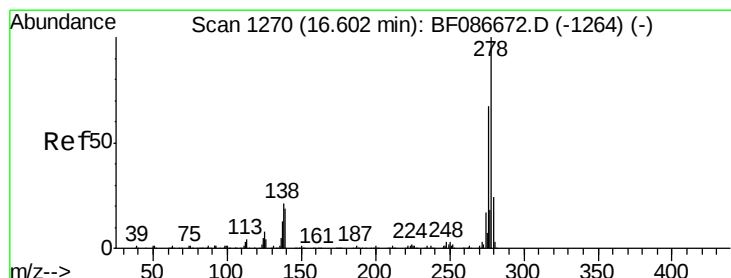
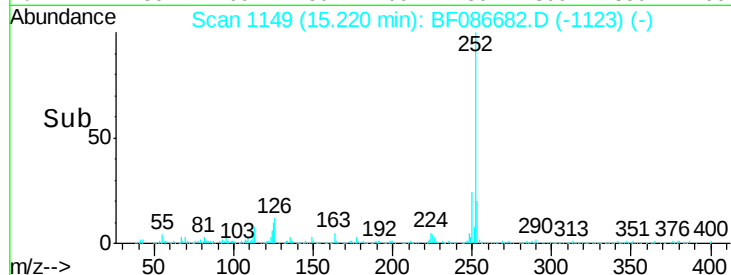
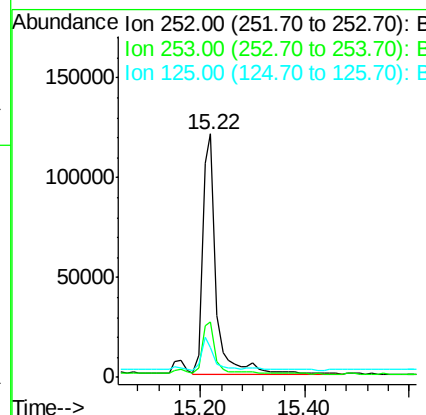
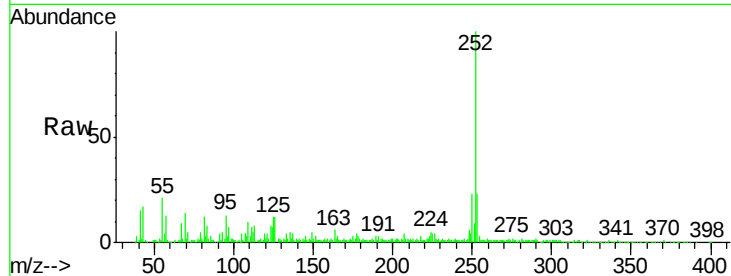
#89
Benzo(a)pyrene
Concen: 10.85 ng
RT: 15.22 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	213836		
253	22.7	17.2	25.8	
125	12.3	9.0	13.6	

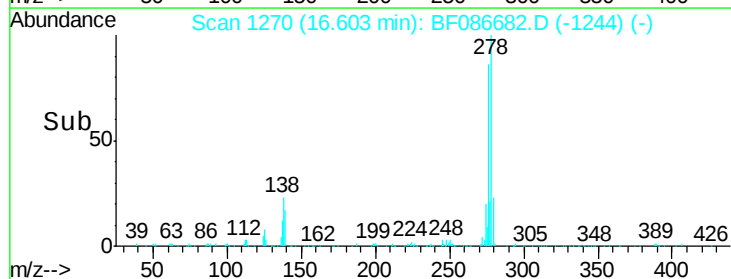
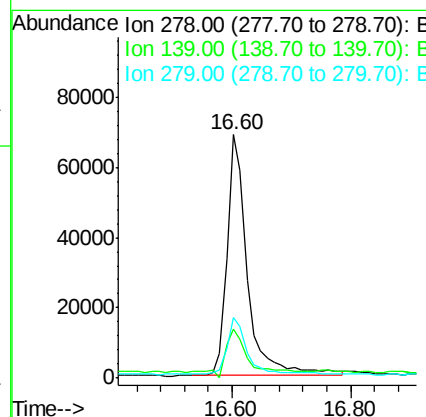
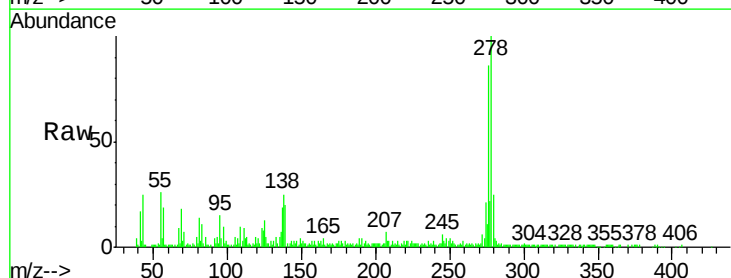
Manual Integrations
APPROVED

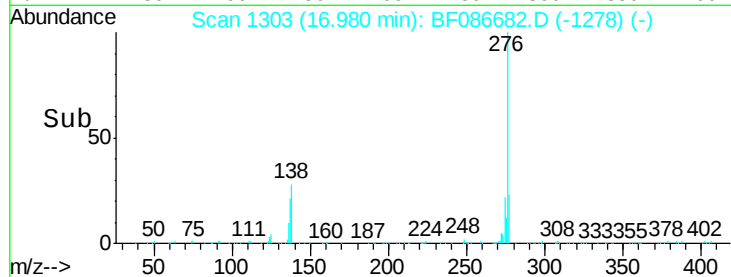
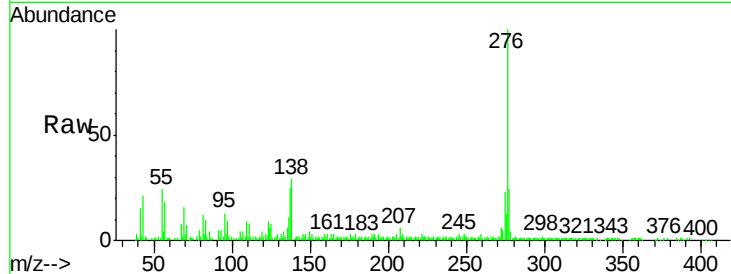
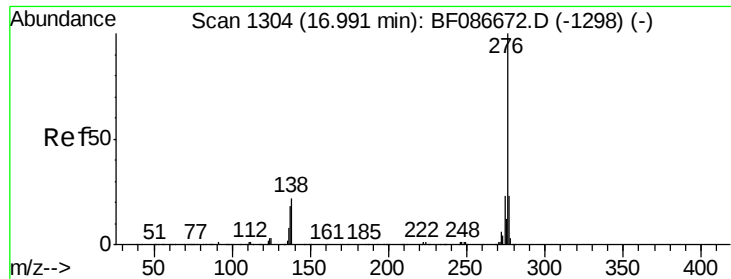
sohil
5/5/2016 3:18:55 PM



#90
Dibenzo(a,h)anthracene
Concen: 8.64 ng
RT: 16.60 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	163617		
139	20.3	16.6	24.8	
279	25.0	19.6	29.4	





#91
Benzo(a,h,i)perylene
Concen: 7.96 ng
RT: 16.98 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF086682.D
Acq: 4 May 2016 17:48

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-5(10-20FTBGS)MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.0	19.6	29.4
138	28.8	23.6	35.4

Manual Integrations
APPROVED

sohil
5/5/2016 3:18:55 PM

