

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
 Data File : BF086683.D
 Acq On : 4 May 2016 18:16
 Operator : UM/SJ
 Sample : H2685-13MSD 4X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
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 5/5/2016 3:18:52 PM

Quant Time: May 05 05:53:38 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	167911	40.00	ng	0.00
21) Naphthalene-d8	8.02	136	669852	40.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	282103	40.00	ng	0.00
63) Phenanthrene-d10	11.25	188	423839m	40.00	ng	0.00
75) Chrysene-d12	13.88	240	354723	40.00	ng	0.00
86) Perylene-d12	15.28	264	351877	40.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	396699	39.11	ng	-0.01
7) Phenol-d6	6.37	99	541887	39.66	ng	0.00
23) Nitrobenzene-d5	7.30	82	337752	25.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	90715	32.87	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	514826	29.92	ng	0.00
78) Terphenyl-d14	12.83	244	315150	17.96	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	39786	7.59	ng	# 70
3) Pyridine	2.98	79	90416	7.03	ng	# 67
4) n-Nitrosodimethylamine	2.89	42	70262	9.01	ng	# 55
6) Aniline	6.40	93	74224	4.40	ng	# 69
8) 2-Chlorophenol	6.52	128	127812	10.50	ng	96
9) Benzaldehyde	6.28	77	20085	2.95	ng	93
10) Phenol	6.38	94	173413	11.60	ng	89
11) bis(2-Chloroethyl)ether	6.48	93	139813	10.87	ng	96
12) 1,3-Dichlorobenzene	6.67	146	129388m	10.01	ng	
13) 1,4-Dichlorobenzene	6.75	146	136939	10.25	ng	95
14) 1,2-Dichlorobenzene	6.91	146	131388	11.29	ng	96
15) Benzyl Alcohol	6.89	79	98257	11.12	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.02	45	283764	10.79	ng	88
17) 2-Methylphenol	7.00	107	103453	10.56	ng	96
18) Hexachloroethane	7.25	117	47532	9.42	ng	# 74
19) n-Nitroso-di-n-propylamine	7.15	70	105268	11.28	ng	# 72
20) 3+4-Methylphenols	7.15	107	125986	10.98	ng	# 62
22) Acetophenone	7.15	105	178090	11.41	ng	# 95
24) Nitrobenzene	7.32	77	142939	10.61	ng	94
25) Isophorone	7.56	82	268835	11.07	ng	96
26) 2-Nitrophenol	7.64	139	60623	10.08	ng	92
27) 2,4-Dimethylphenol	7.69	122	116161	11.00	ng	94
28) bis(2-Chloroethoxy)methane	7.78	93	163591	12.24	ng	98
29) 2,4-Dichlorophenol	7.88	162	94016	10.36	ng	96
30) 1,2,4-Trichlorobenzene	7.96	180	105734	10.44	ng	93
31) Naphthalene	8.04	128	381267	11.14	ng	99
33) 4-Chloroaniline	8.10	127	72436	5.46	ng	# 94
34) Hexachlorobutadiene	8.17	225	63769	11.09	ng	96
35) Caprolactam	8.43	113	26432	9.41	ng	# 52
36) 4-Chloro-3-methylphenol	8.58	107	99223	9.58	ng	89
37) 2-Methylnaphthalene	8.74	142	222509	11.02	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	92229	11.29	ng	99
40) Hexachlorocyclopentadiene	8.89	237	10544	8.74	ng	95
42) 2,4,6-Trichlorophenol	9.01	196	55439	10.68	ng	95

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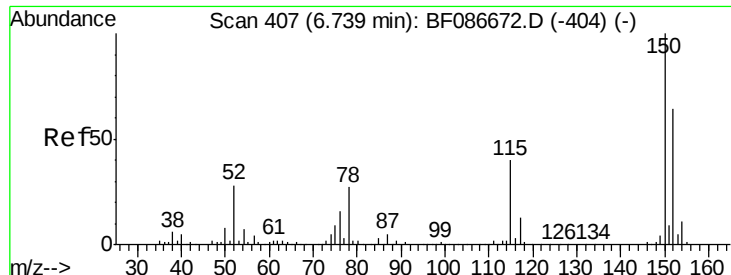
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	58049	10.70	nq	97
45) 1,1'-Biphenyl	9.20	154	272649	11.82	nq	96
46) 2-Chloronaphthalene	9.22	162	200933	11.29	nq	93
47) 2-Nitroaniline	9.32	65	64967	10.27	nq	90
48) Acenaphthylene	9.63	152	301869	11.43	nq	98
49) Dimethylphthalate	9.50	163	322484	15.33	nq	98
50) 2,6-Dinitrotoluene	9.56	165	49322	10.93	nq	96
51) Acenaphthene	9.80	154	188574	10.82	nq	98
52) 3-Nitroaniline	9.73	138	41974	8.18	nq #	98
53) 2,4-Dinitrophenol	9.85	184	5916	13.90	nq #	52
54) Dibenzofuran	9.97	168	255072	11.81	nq	95
55) 4-Nitrophenol	9.90	139	36446	12.18	nq	79
56) 2,4-Dinitrotoluene	9.96	165	57229	10.23	nq	95
57) Fluorene	10.32	166	199149	11.38	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	46221	11.60	nq	96
59) Diethylphthalate	10.20	149	227819	11.45	nq	96
60) 4-Chlorophenyl-phenylether	10.32	204	97232	11.68	nq	88
61) 4-Nitroaniline	10.34	138	40213	8.16	nq #	75
62) Azobenzene	10.48	77	232521	10.54	nq	89
64) 4,6-Dinitro-2-methylphenol	10.37	198	7704	9.22	nq #	78
65) n-Nitrosodiphenylamine	10.43	169	166070	12.34	nq	100
66) 4-Bromophenyl-phenylether	10.81	248	49320	11.71	nq #	83
67) Hexachlorobenzene	10.86	284	55667	10.84	nq #	81
68) Atrazine	10.96	200	46666	11.31	nq	92
69) Pentachlorophenol	11.06	266	44142	22.24	nq	98
70) Phenanthrene	11.28	178	253654	11.14	nq	99
71) Anthracene	11.32	178	255731	10.73	nq	99
72) Carbazole	11.48	167	216398	10.45	nq	99
73) Di-n-butylphthalate	11.82	149	286801	11.67	nq	99
74) Fluoranthene	12.45	202	240119	10.52	nq	96
76) Benzidine	12.60	184	8006m	7.80	nq	
77) Pyrene	12.68	202	248933	8.80	nq	98
79) Butylbenzylphthalate	13.31	149	101457	8.57	nq #	68
80) Benzo(a)anthracene	13.87	228	220019	10.97	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	44082	3.50	nq	98
82) Chrysene	13.91	228	220963	10.32	nq	100
83) Bis(2-ethylhexyl)phthalate	13.88	149	137171	10.01	nq #	99
84) Di-n-octyl phthalate	14.49	149	269010	13.34	nq #	85
85) Indeno(1,2,3-cd)pyrene	16.59	276	195312	10.64	nq	93
87) Benzo(b)fluoranthene	14.89	252	253057m	11.97	nq	
88) Benzo(k)fluoranthene	14.91	252	192276m	9.65	nq	
89) Benzo(a)pyrene	15.22	252	200925	10.32	nq	96
90) Dibenzo(a,h)anthracene	16.61	278	161606	8.64	nq	98
91) Benzo(g,h,i)perylene	16.99	276	150897	7.68	nq	93

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



#1

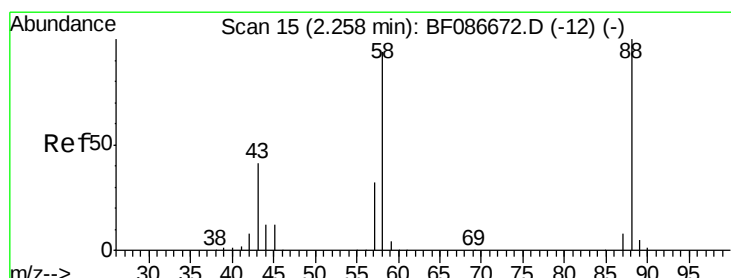
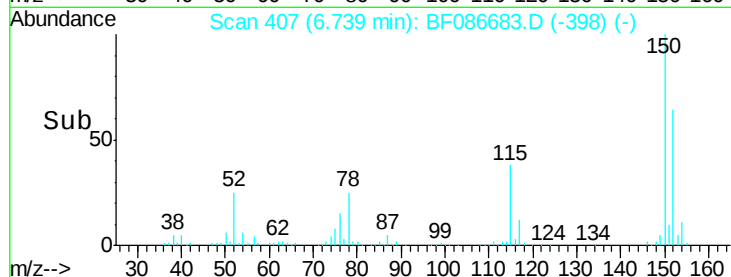
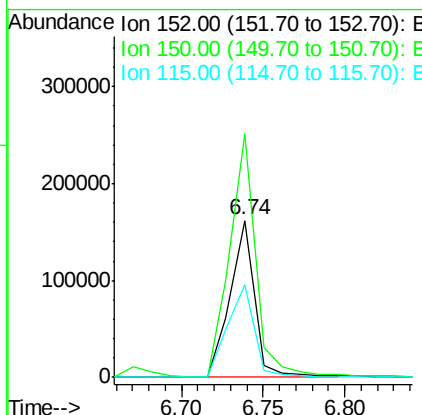
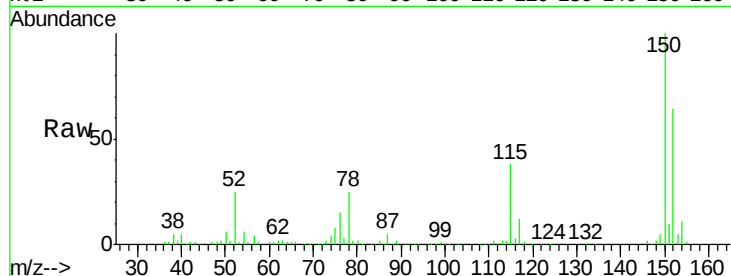
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

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

Tot Ion	Ratio	Resp	Lower	Upper
152	100	167911		
150	155.5	125.8	188.6	
115	58.8	51.5	77.3	

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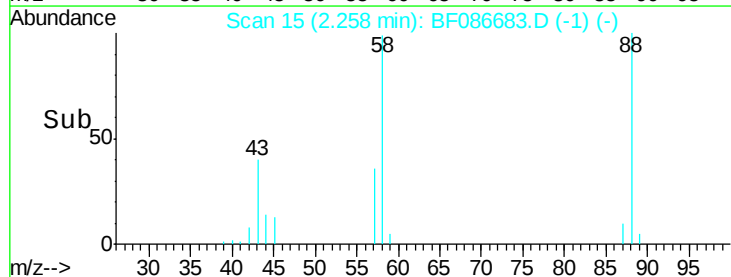
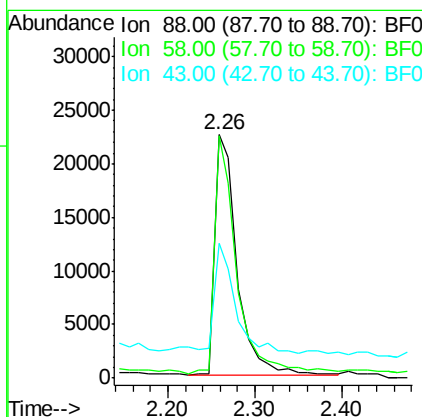
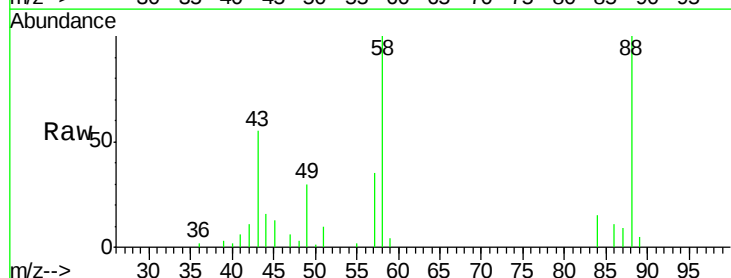
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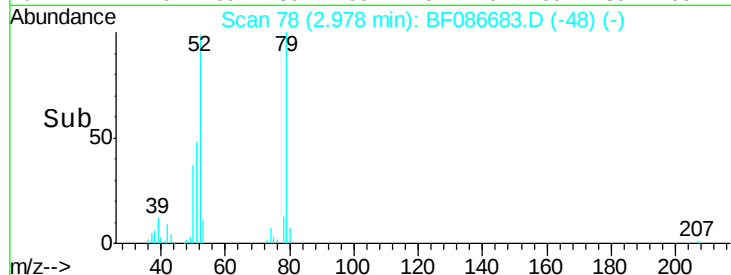
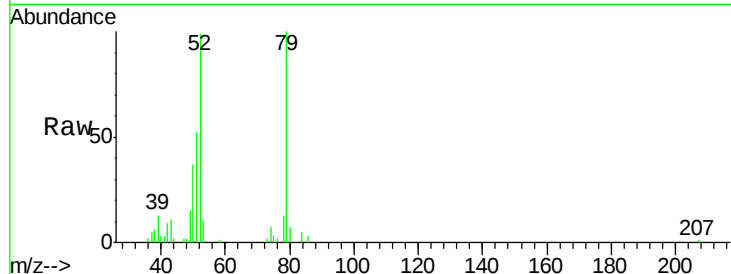
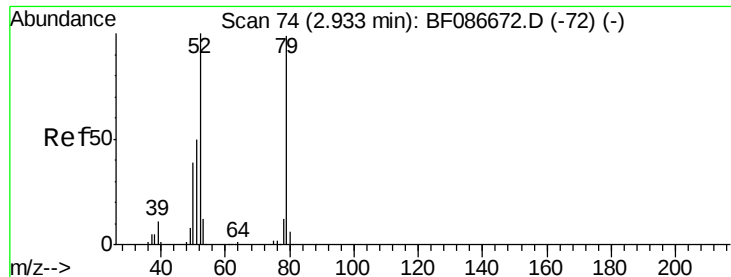


#2

1,4-Dioxane
Concen: 7.59 ng
RT: 2.26 min Scan# 15
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	39786		
58	98.5	59.6	89.4#	
43	45.4	21.8	32.6#	





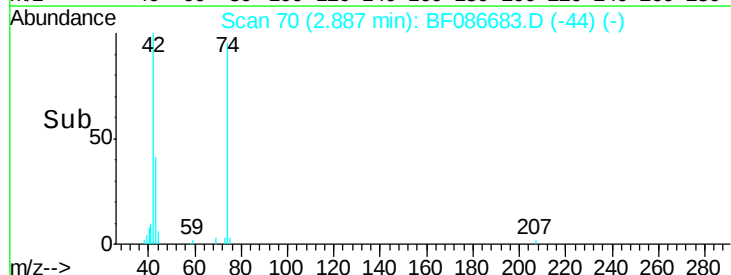
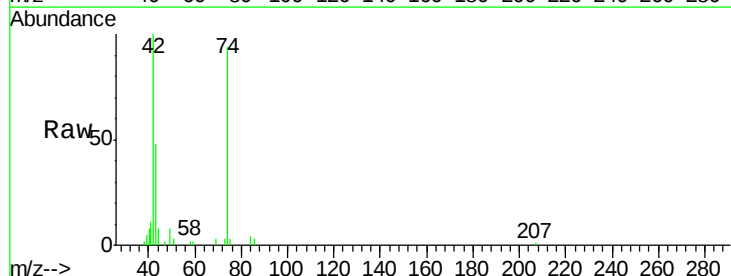
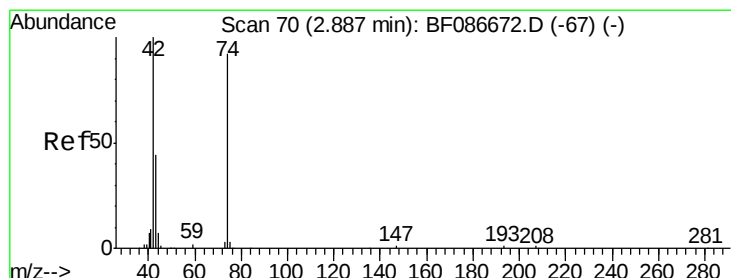
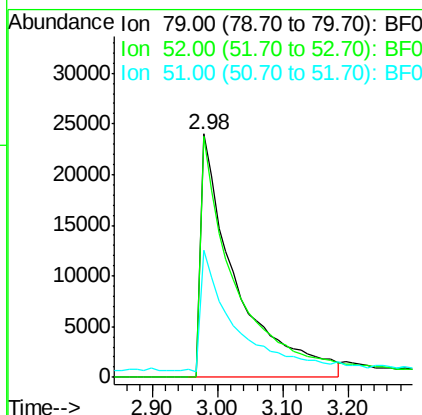
#3
Pvridine
Concen: 7.03 ng
RT: 2.98 min Scan# 78
Delta R.T. 0.05 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tot Ion	Ratio	Lower	Upper
79	100		
52	98.9	55.9	83.9#
51	52.1	28.1	42.1#

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

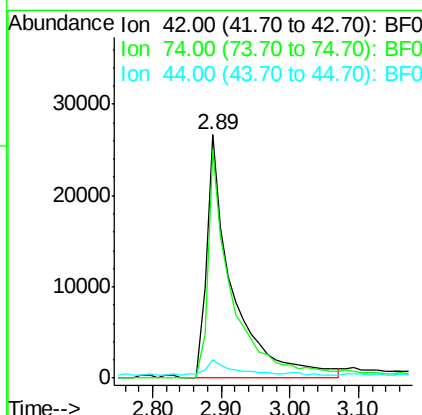
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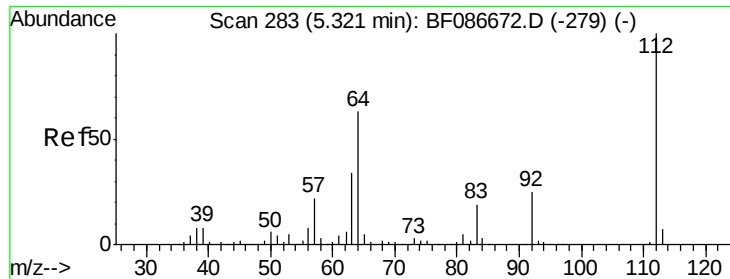
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#4
n-Nitrosodimethylamine
Concen: 9.01 ng
RT: 2.89 min Scan# 70
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	93.6	123.4	185.0#
44	7.5	5.8	8.6





#5

2-Fluorophenol

Concen: 39.11 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

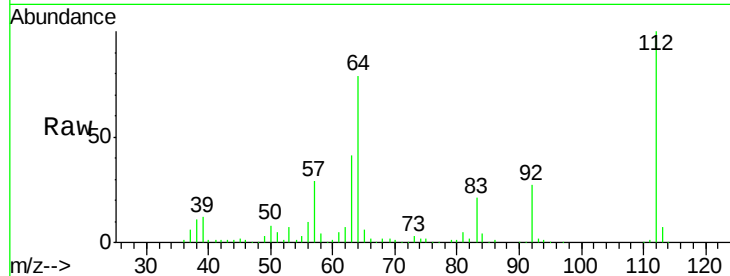
ClientSampleId :

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

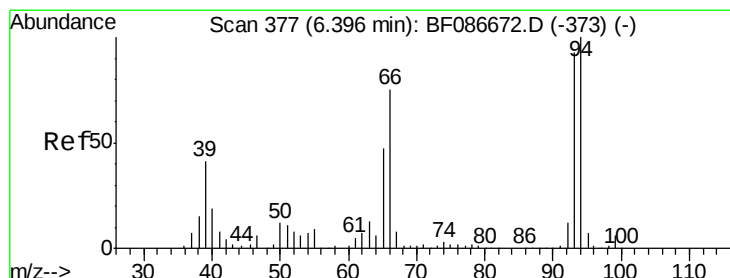
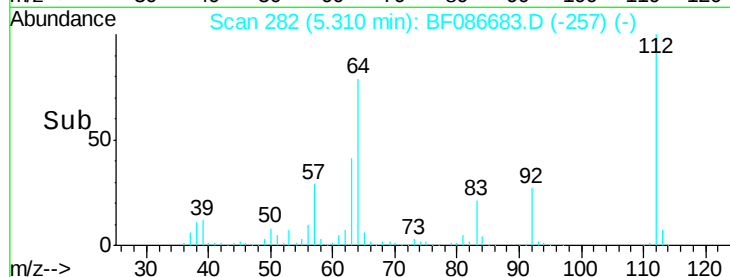
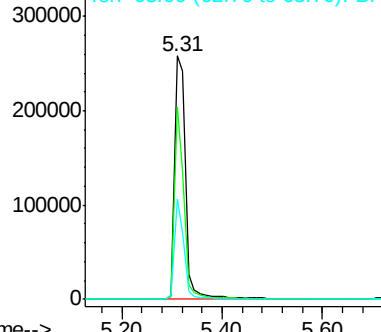
Tot Ion:	112	Resp:	396699
Ion Ratio	Lower	Upper	
112	100		
64	79.0	52.1	78.1#
63	41.0	25.7	38.5#

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 4.40 ng

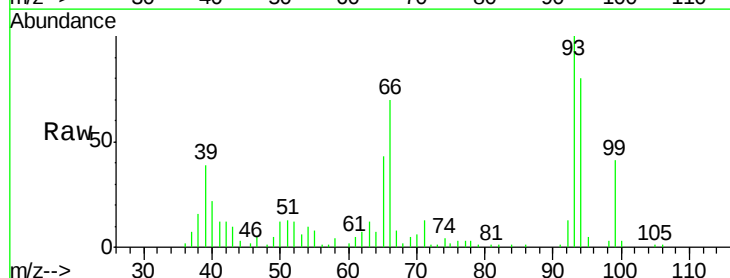
RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

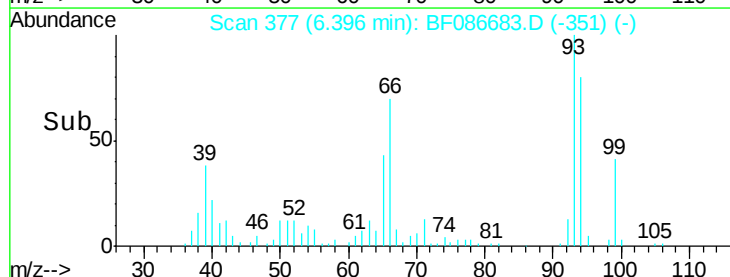
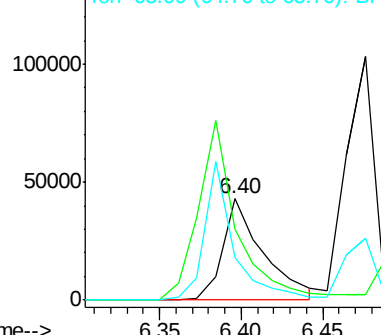
Lab File: BF086683.D

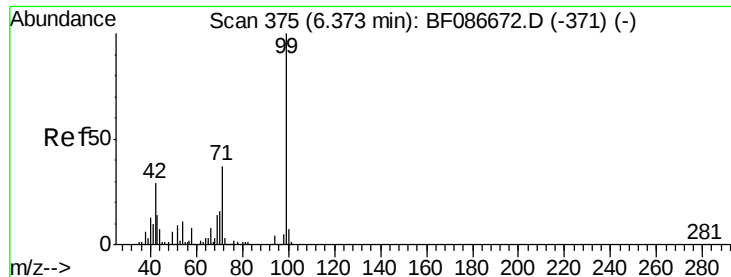
Acq: 4 May 2016 18:16

Tgt Ion:	93	Resp:	74224
Ion Ratio	Lower	Upper	
93	100		
66	69.5	39.0	58.6#
65	42.5	20.6	31.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 39.66 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

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

Tot Ion: 99 Resp: 541887

Ion Ratio Lower Upper

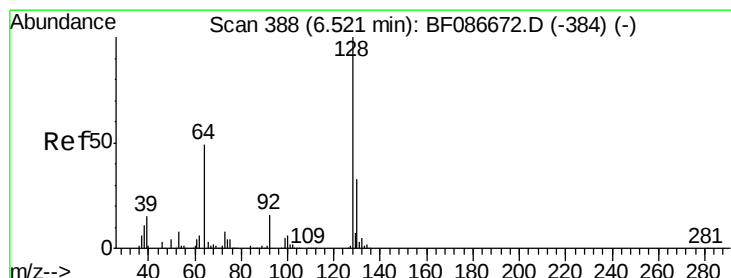
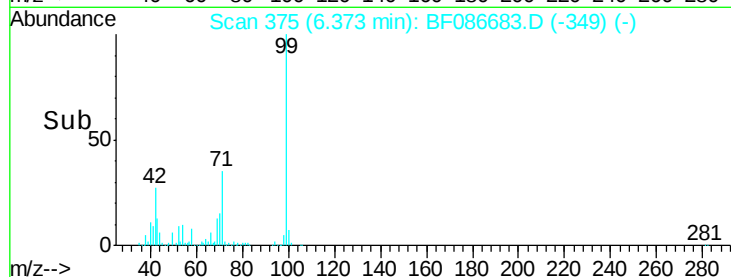
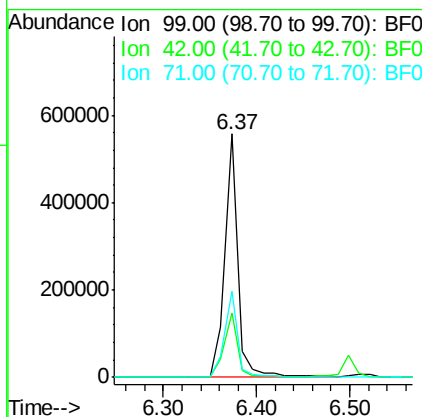
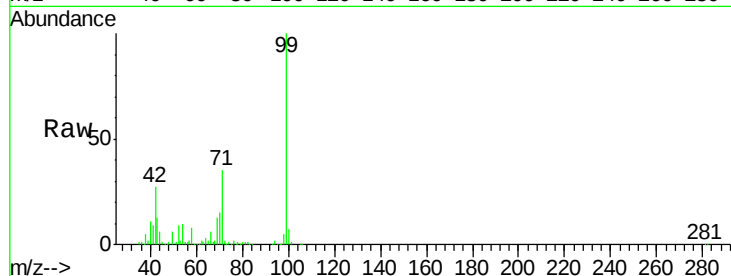
99 100

42 26.6 13.6 20.4#

71 35.3 24.6 36.8

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#8

2-Chlorophenol

Concen: 10.50 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

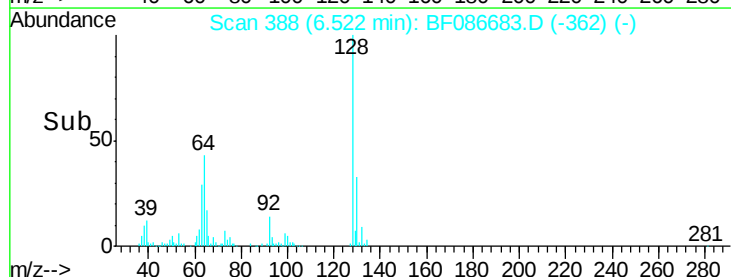
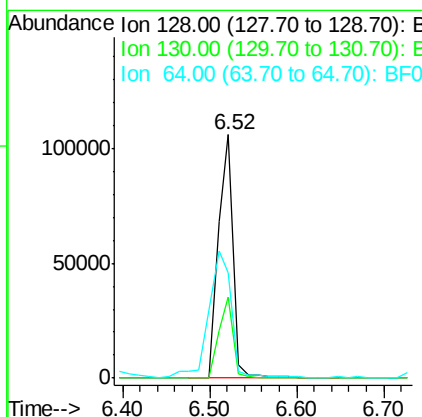
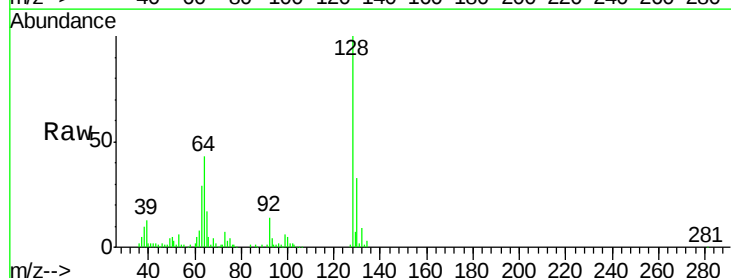
Tgt Ion: 128 Resp: 127812

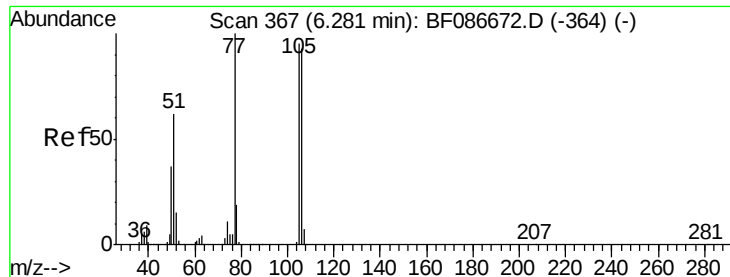
Ion Ratio Lower Upper

128 100

130 33.2 12.5 52.5

64 43.2 27.3 67.3





#9

Benzaldehyde

Concen: 2.95 ng

RT: 6.28 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

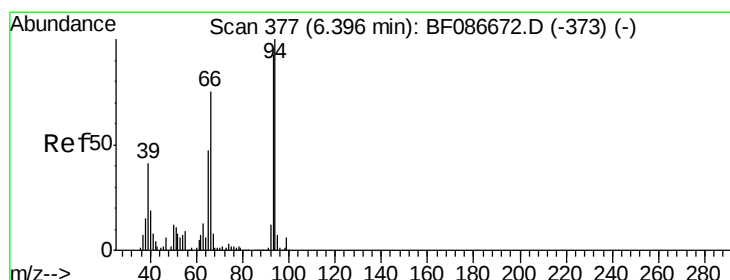
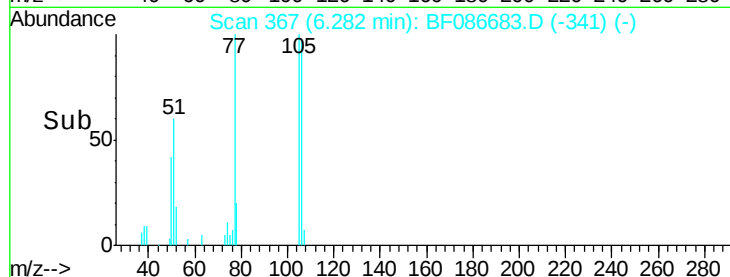
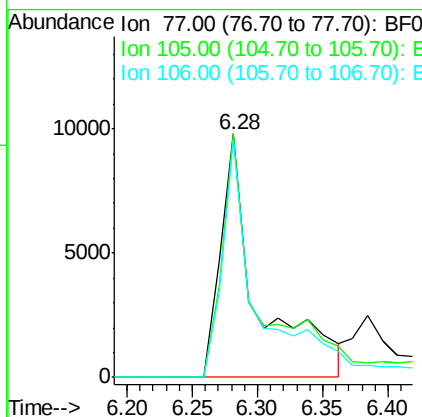
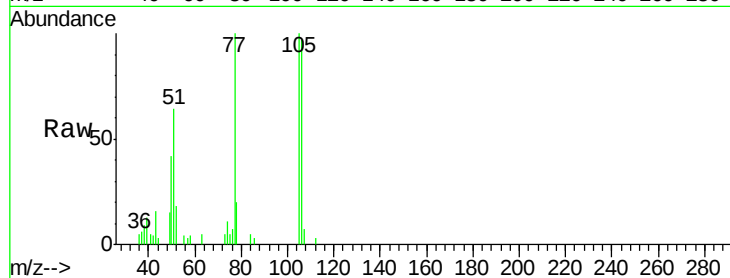
ClientSampleId :

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Tot Ion:	77	Resp:	20085
Ion	Ratio	Lower	Upper
77	100		
105	100.0	72.7	112.7
106	97.5	70.8	110.8

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#10

Phenol

Concen: 11.60 ng

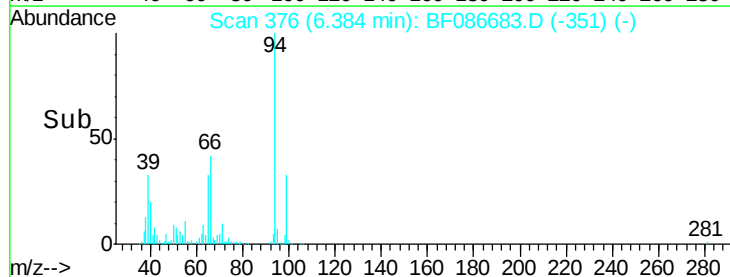
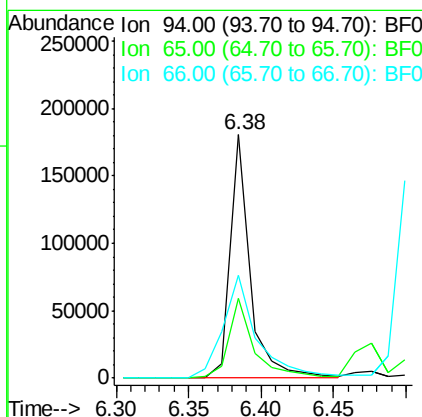
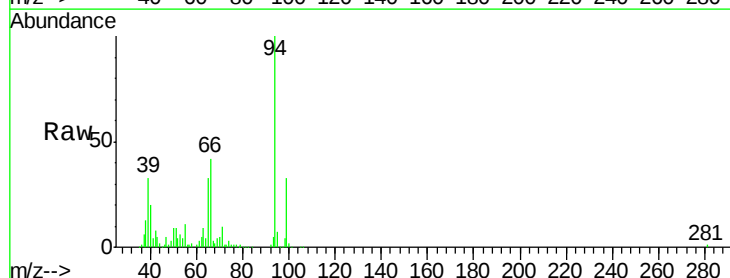
RT: 6.38 min Scan# 376

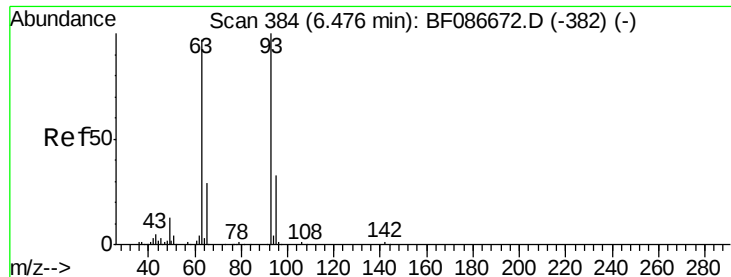
Delta R.T. -0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Tgt Ion:	94	Resp:	173413
Ion	Ratio	Lower	Upper
94	100		
65	32.6	7.2	47.2
66	42.0	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 10.87 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

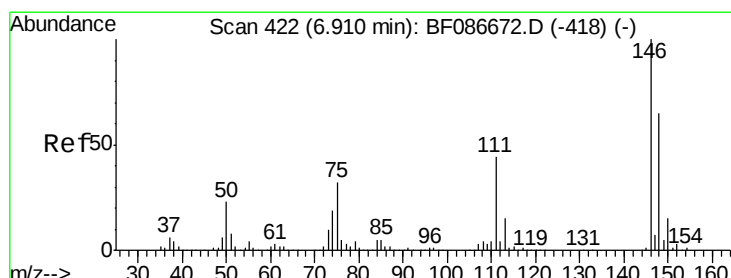
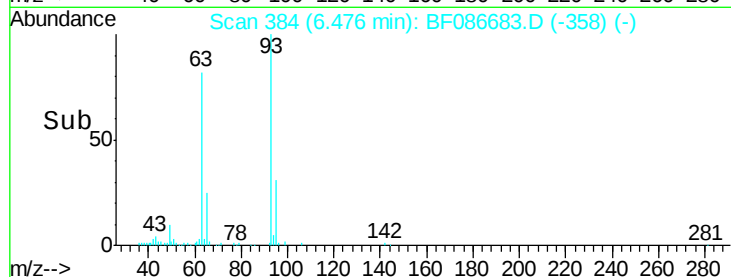
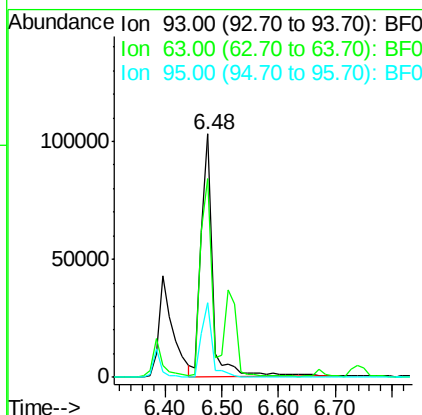
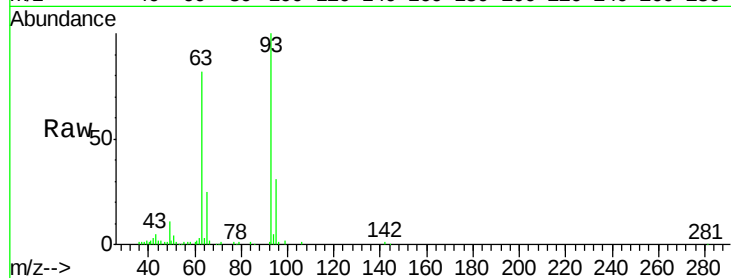
ClientSampleId :

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

Tot Ion:	93	Resp:	139813
Ion Ratio	Lower	Upper	
93	100		
63	81.8	58.0	98.0
95	30.7	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 10.01 ng m

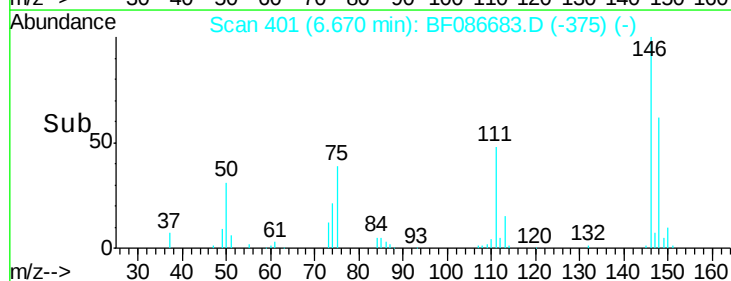
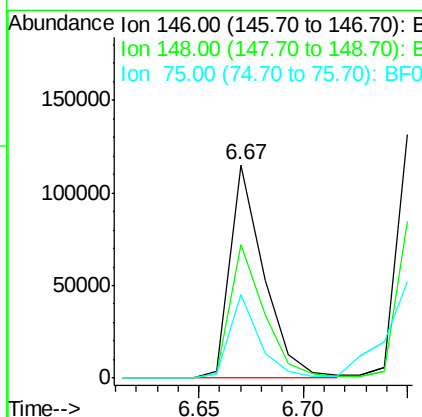
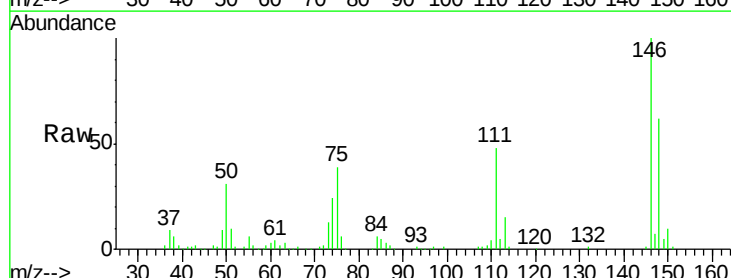
RT: 6.67 min Scan# 401

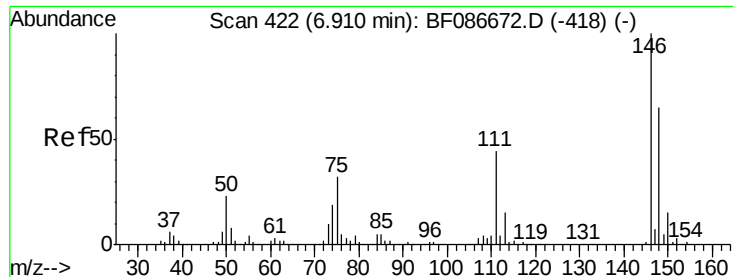
Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Tgt Ion:	146	Resp:	129388
Ion Ratio	Lower	Upper	
146	100		
148	62.5	52.4	78.6
75	39.0	22.8	34.2#





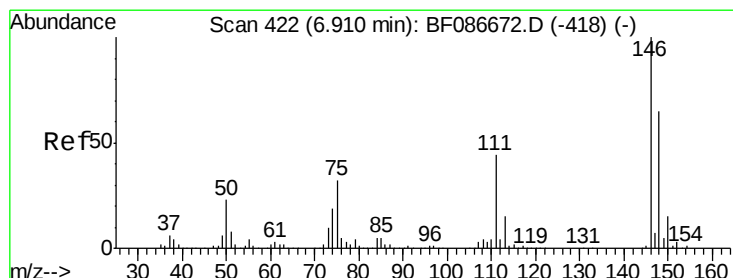
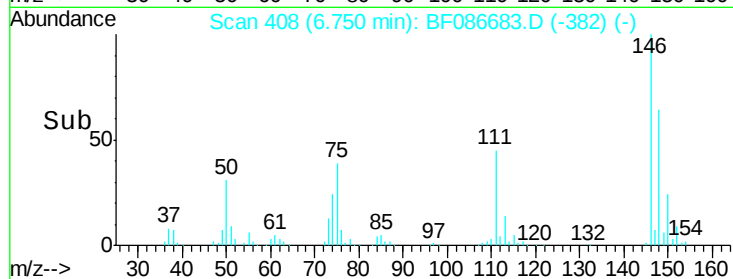
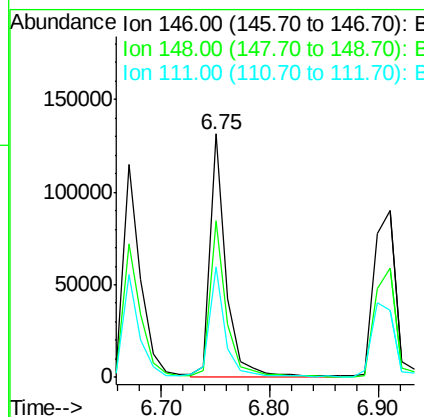
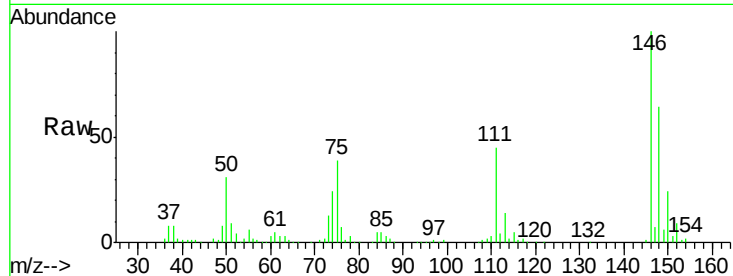
#13
 1,4-Dichlorobenzene
 Concen: 10.25 ng
 RT: 6.75 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.4
111	45.3	30.7	46.1

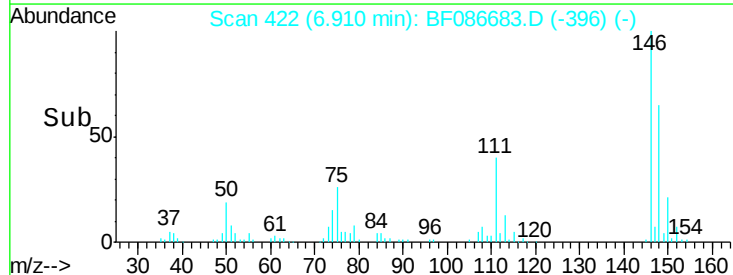
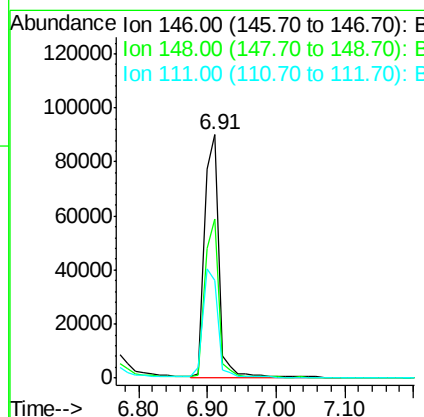
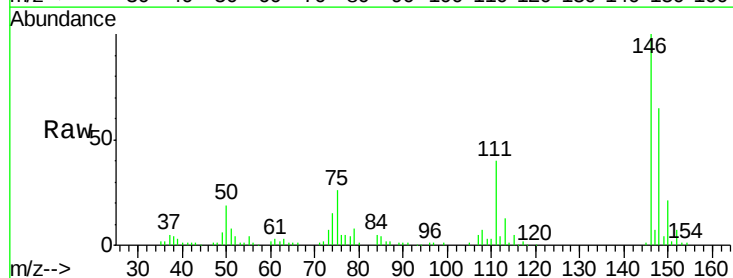
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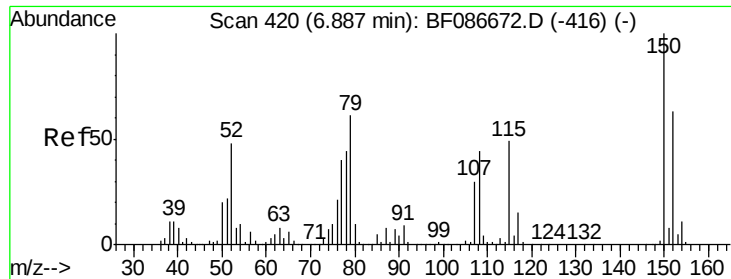
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#14
 1,2-Dichlorobenzene
 Concen: 11.29 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.0	76.6
111	40.0	36.2	54.4





#15

Benzyl Alcohol

Concen: 11.12 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

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

Tot Ion: 79 Resp: 98257

Ion Ratio Lower Upper

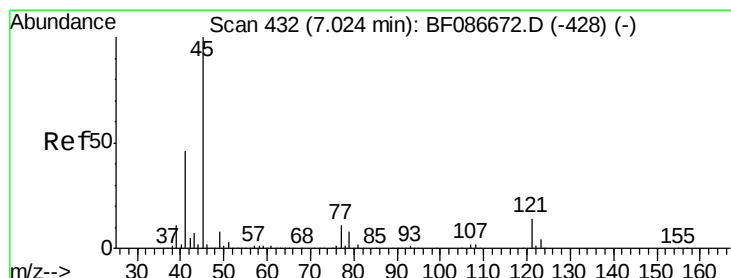
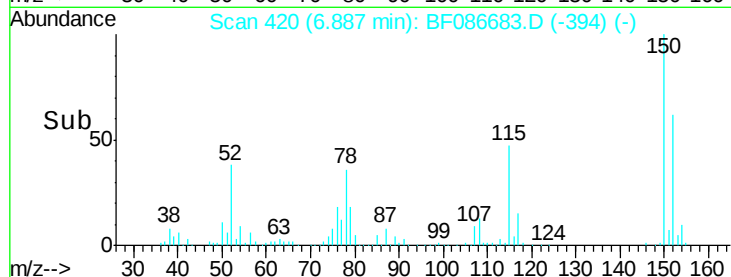
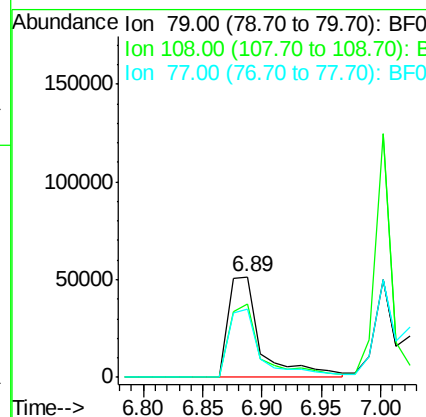
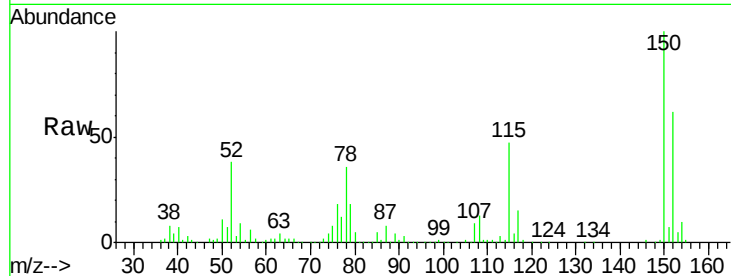
79 100

108 73.6 68.4 102.6

77 67.8 50.6 76.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 10.79 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

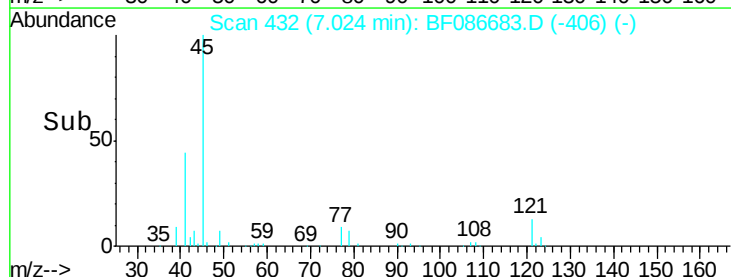
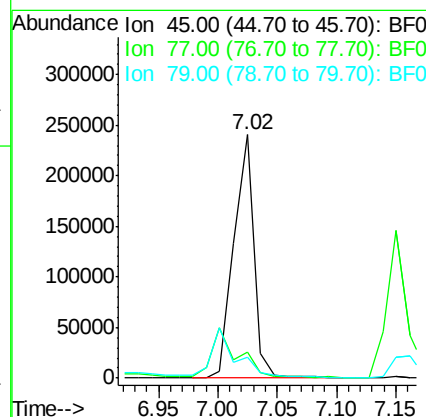
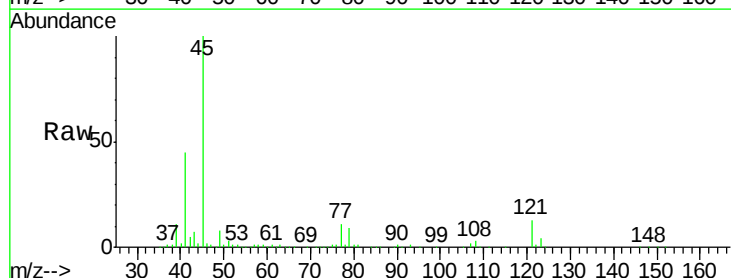
Tgt Ion: 45 Resp: 283764

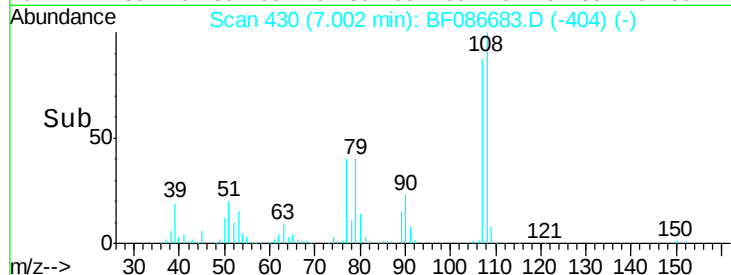
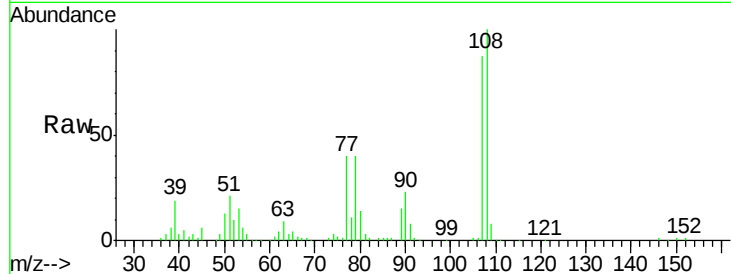
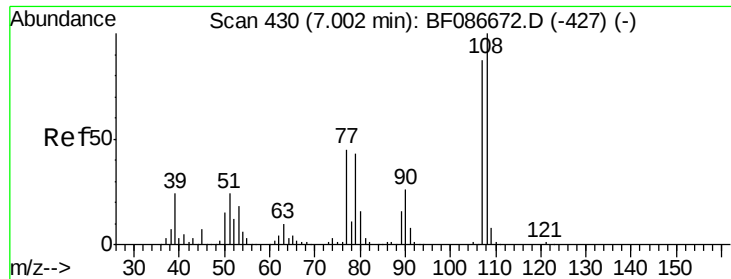
Ion Ratio Lower Upper

45 100

77 10.8 0.0 36.4

79 8.8 0.0 33.4





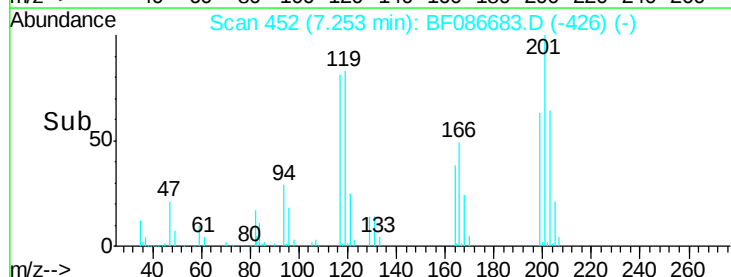
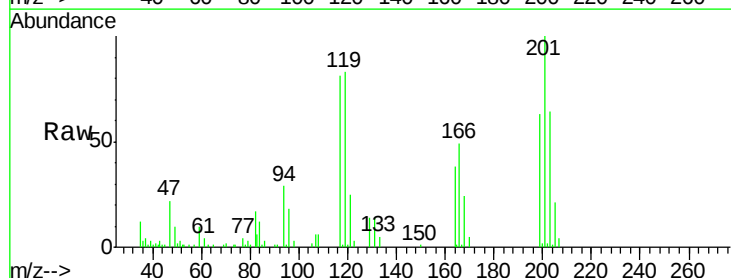
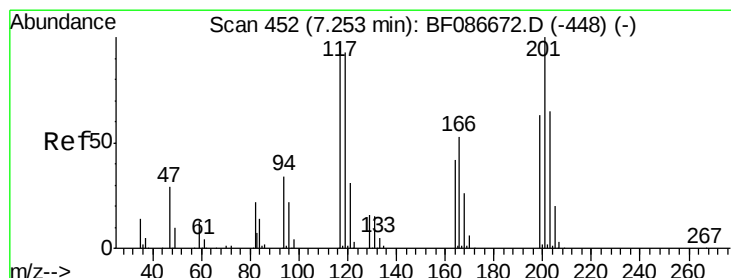
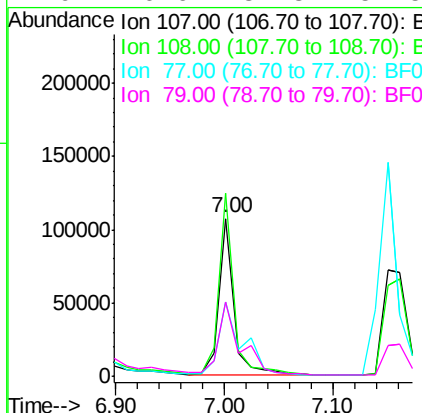
#17
2-Methylphenol
Concen: 10.56 ng
RT: 7.00 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tot Ion	107	Resp	103453
Ion Ratio	Lower	Upper	
107	100		
108	115.5	93.7	140.5
77	46.6	33.4	50.0
79	46.6	34.3	51.5

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

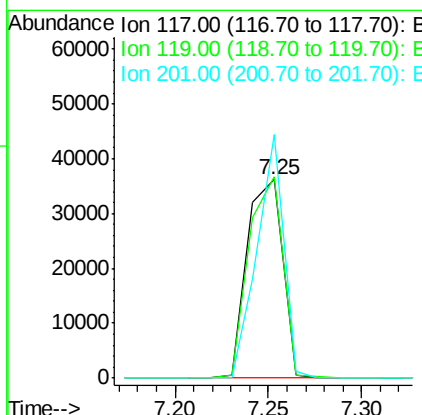
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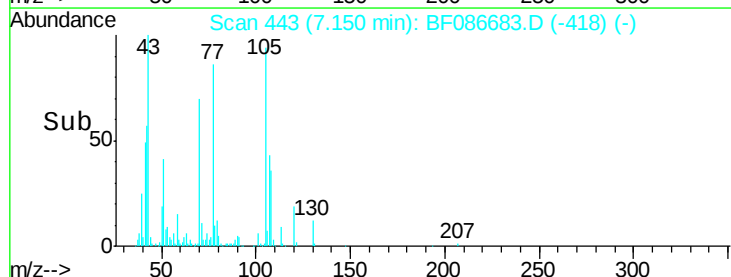
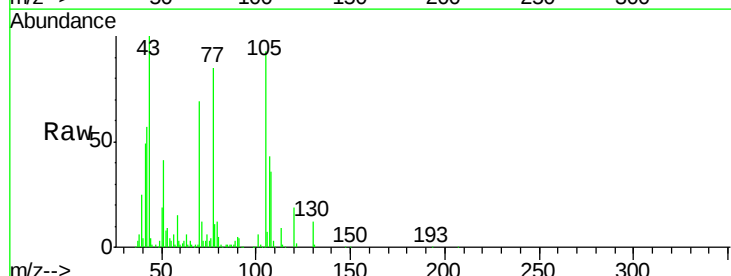
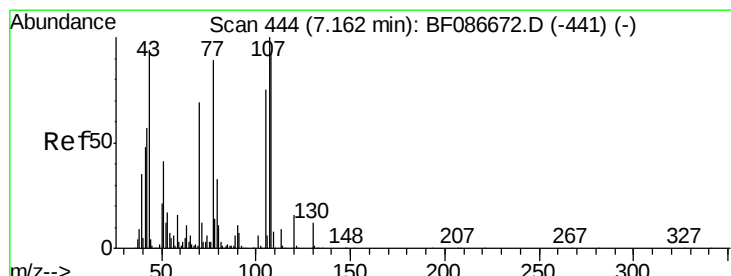
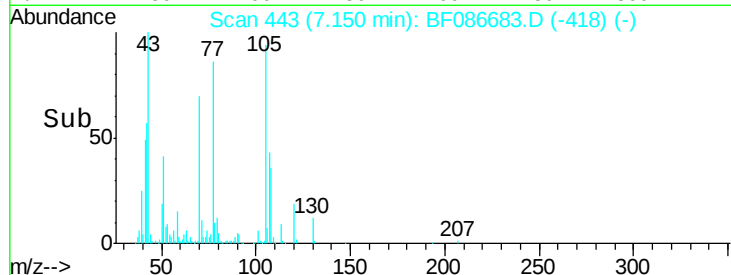
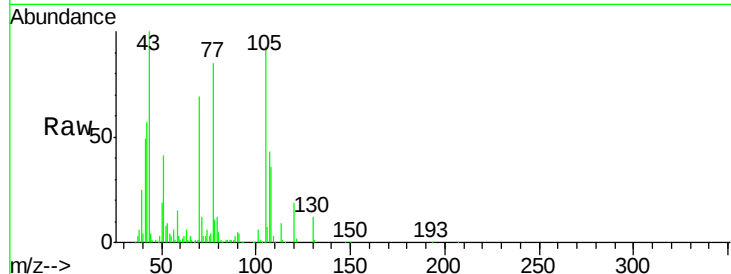
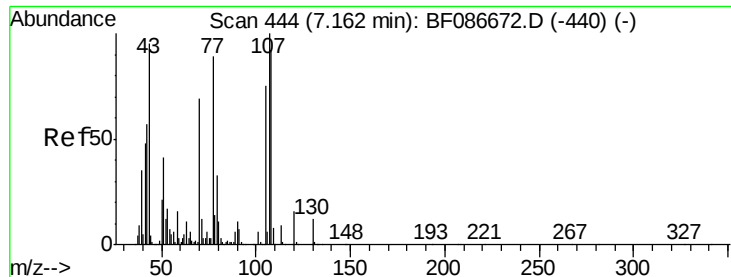
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#18
Hexachloroethane
Concen: 9.42 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion	117	Resp	47532
Ion Ratio	Lower	Upper	
117	100		
119	101.8	76.5	114.7
201	122.7	63.0	94.6#





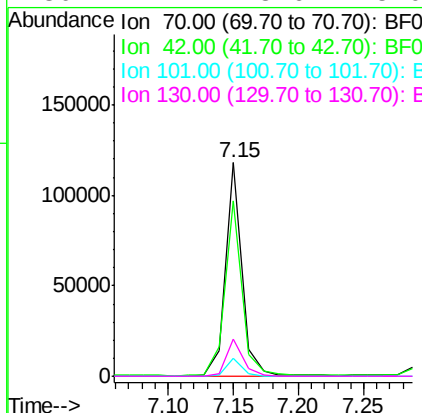
#19
n-Nitroso-di-n-propylamine
Concen: 11.28 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	81.8	43.1	64.7#
101	8.6	8.1	12.1
130	17.4	18.6	28.0#

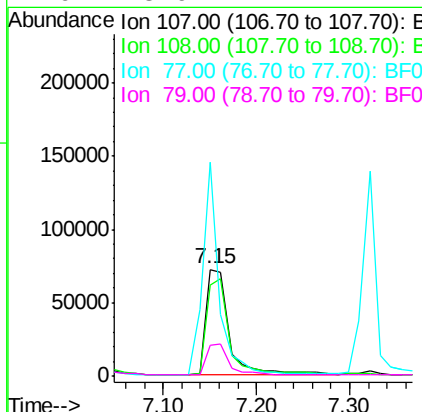
Manual Integrations
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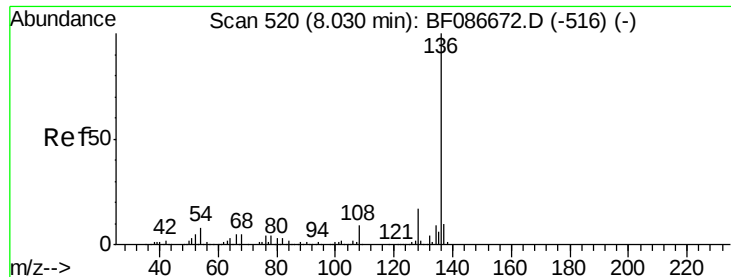
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#20
3+4-Methylphenols
Concen: 10.98 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.7	68.5	108.5
77	200.2	101.6	141.6#
79	28.9	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: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

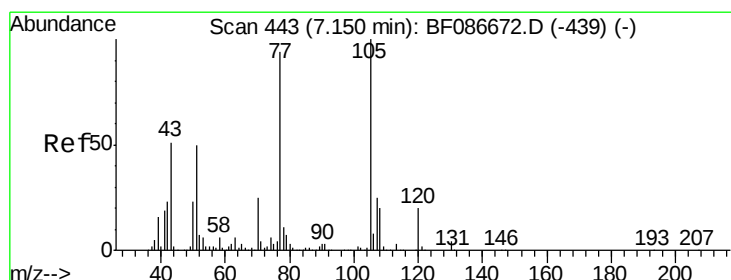
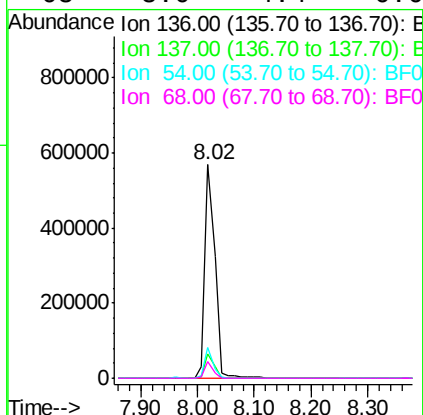
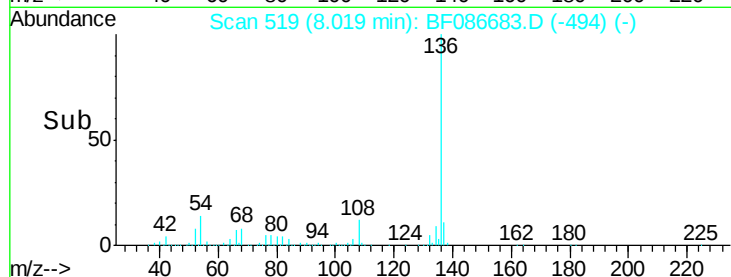
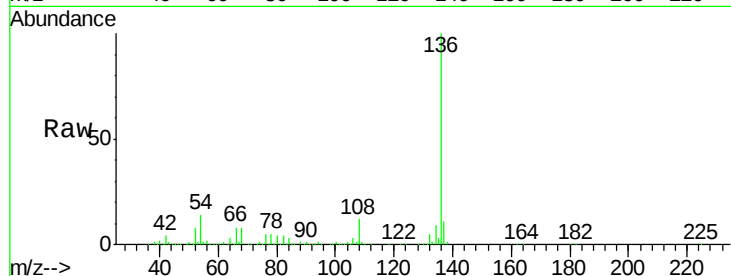
ClientSampleId :

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		669852		
137	11.3	8.8	13.2		
54	14.5	5.0	7.4#		
68	8.0	4.4	6.6#		

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#22

Acetophenone

Concen: 11.41 ng

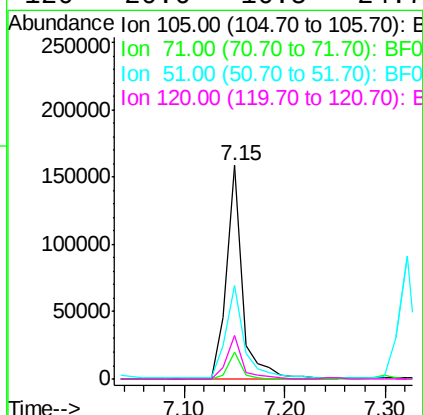
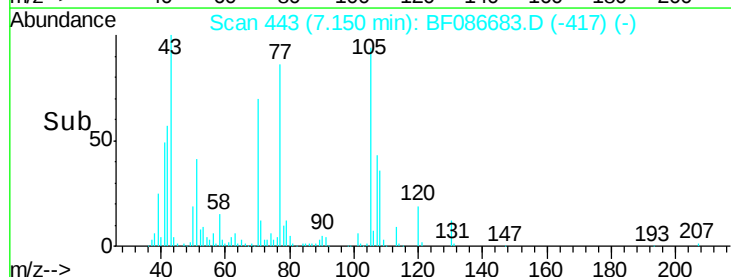
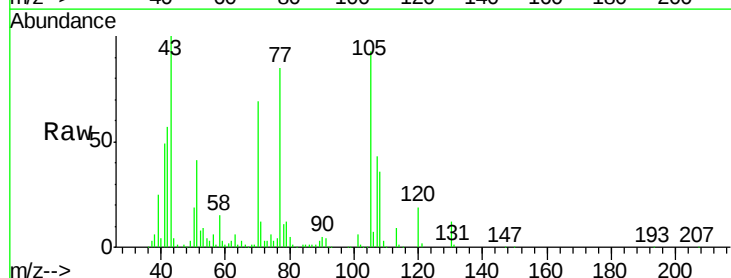
RT: 7.15 min Scan# 443

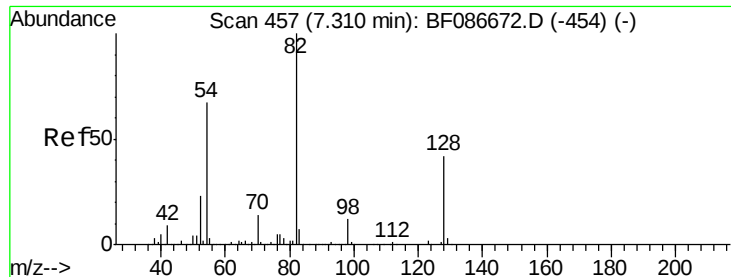
Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		178090		
71	12.4	4.8	7.2#		
51	43.9	32.6	49.0		
120	20.6	16.5	24.7		





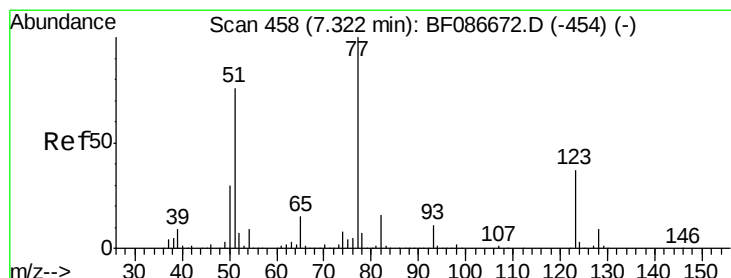
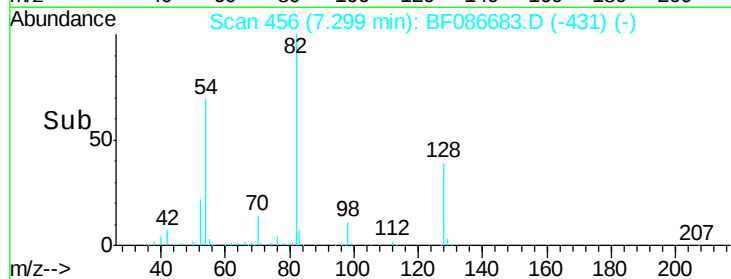
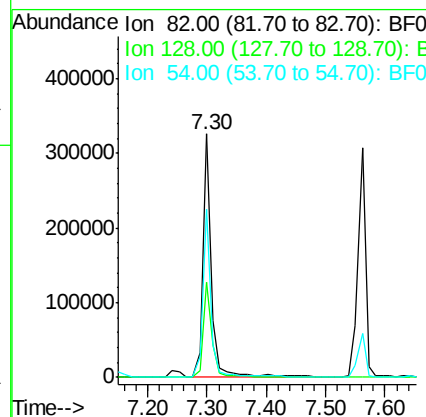
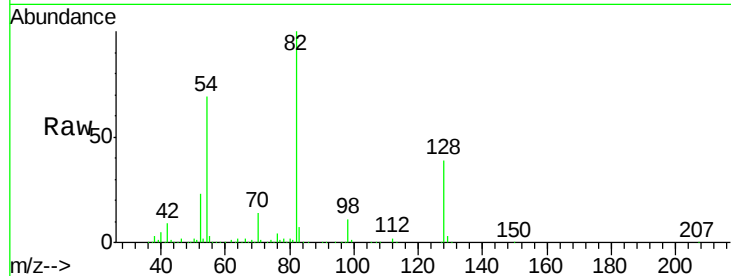
#23
 Nitrobenzene-d5
 Concen: 25.91 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100	337752		
128	38.9	40.6	61.0#	
54	68.9	38.1	57.1#	

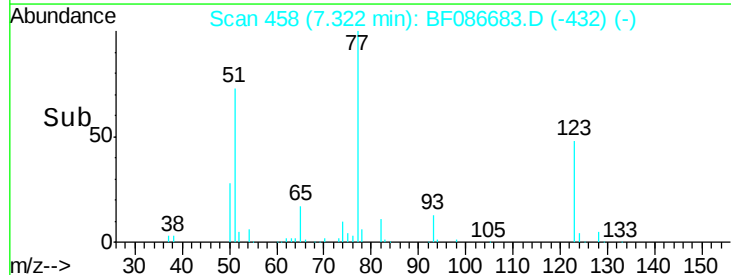
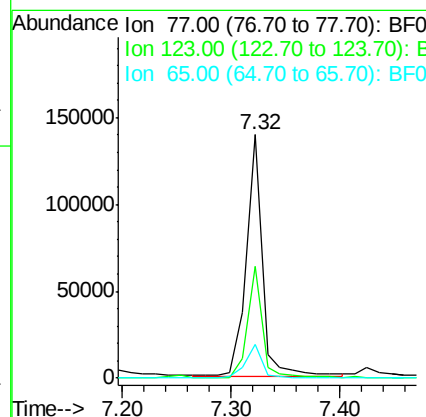
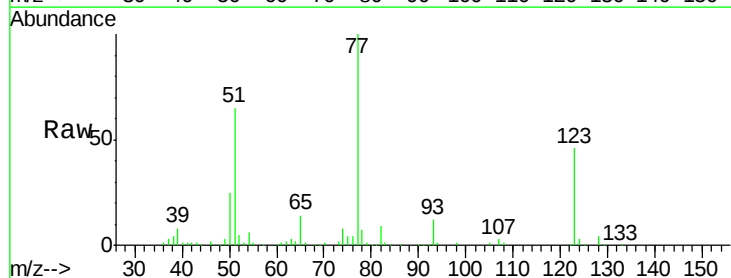
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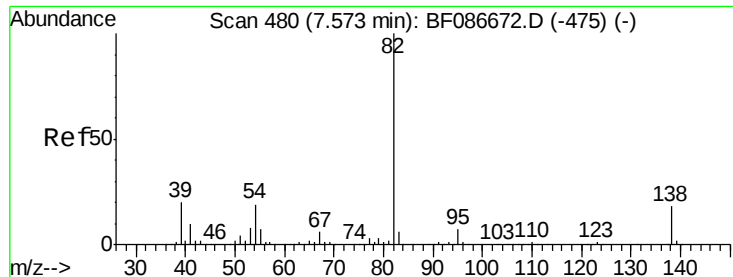
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#24
 Nitrobenzene
 Concen: 10.61 ng
 RT: 7.32 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	142939		
123	45.9	33.0	49.4	
65	14.0	10.8	16.2	





#25

Isophorone

Concen: 11.07 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

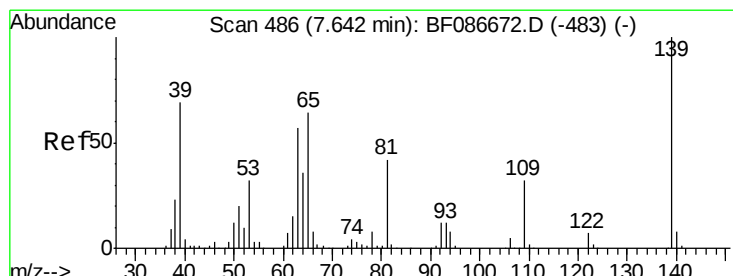
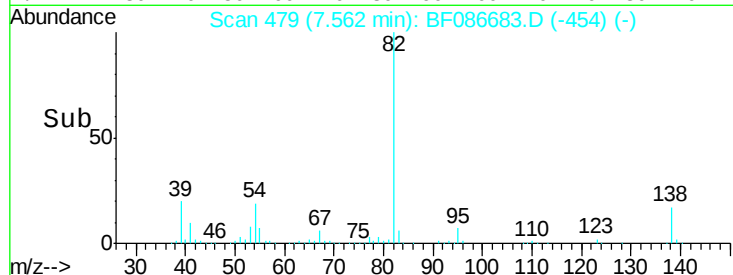
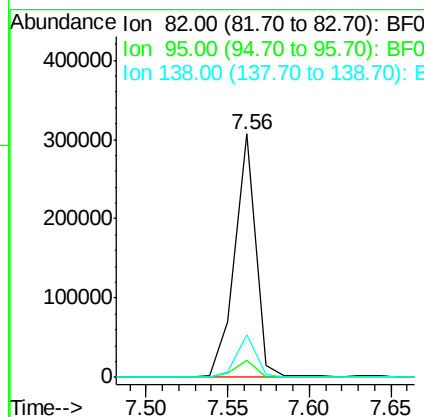
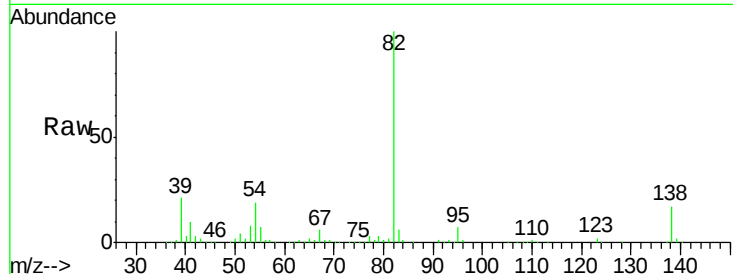
ClientSampleId :

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

Tot Ion:	82	Resp:	268835
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.1	7.7
138	17.3	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 10.08 ng

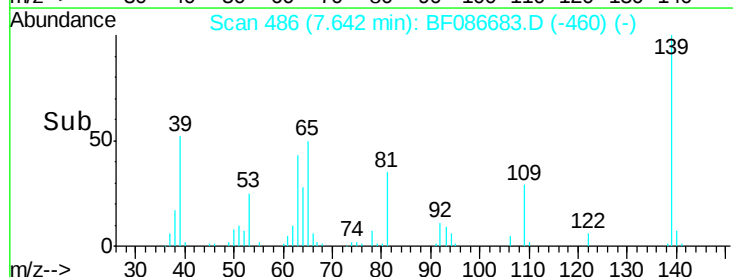
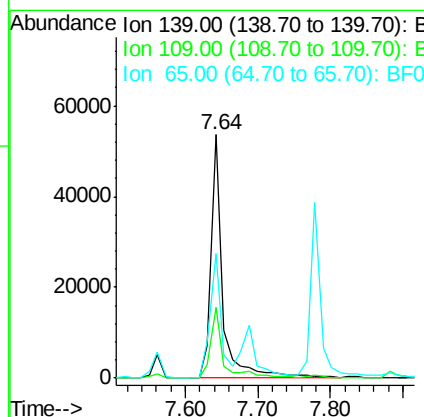
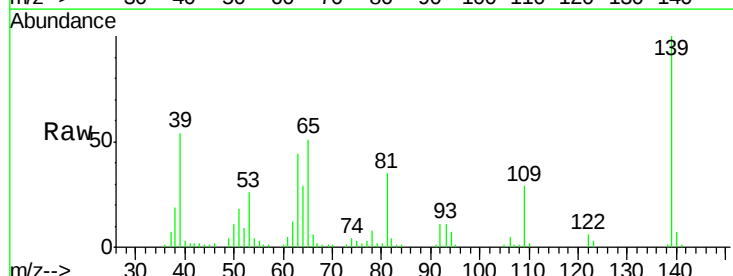
RT: 7.64 min Scan# 486

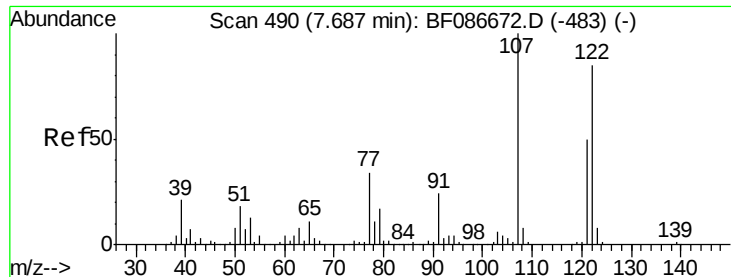
Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Tgt Ion:	139	Resp:	60623
Ion Ratio	Lower	Upper	
139	100		
109	29.2	19.5	29.3
65	51.4	37.5	56.3





#27

2,4-Dimethylphenol

Concen: 11.00 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

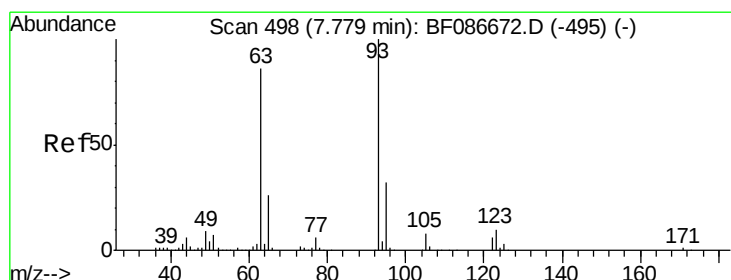
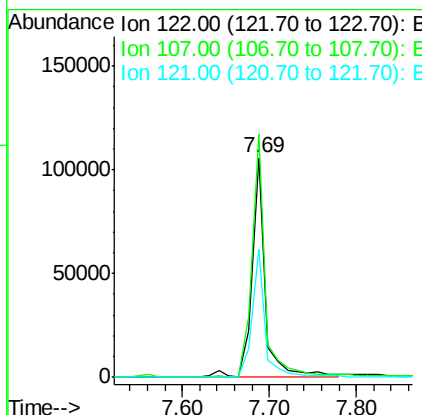
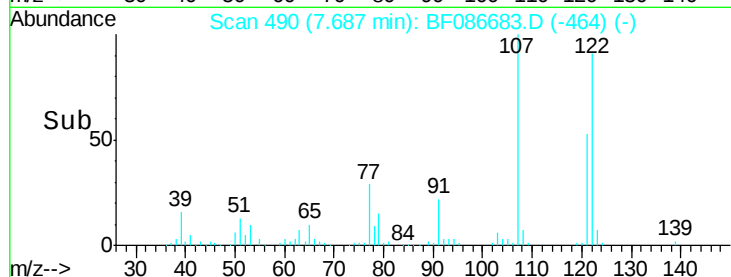
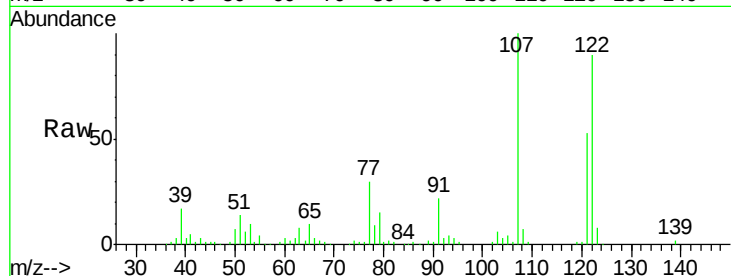
ClientSampleId :

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Tot Ion:	122	Resp:	116161
Ion Ratio	Lower	Upper	
122	100		
107	110.7	82.0	123.0
121	58.2	46.1	69.1



#28

bis(2-Chloroethoxy)methane

Concen: 12.24 ng

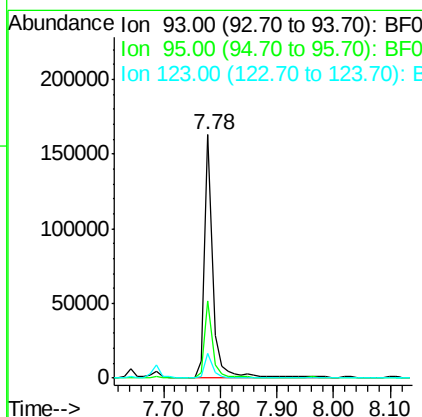
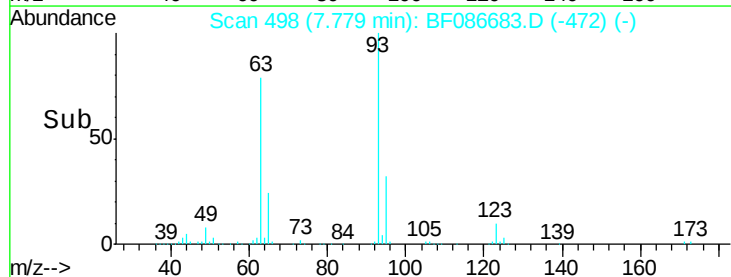
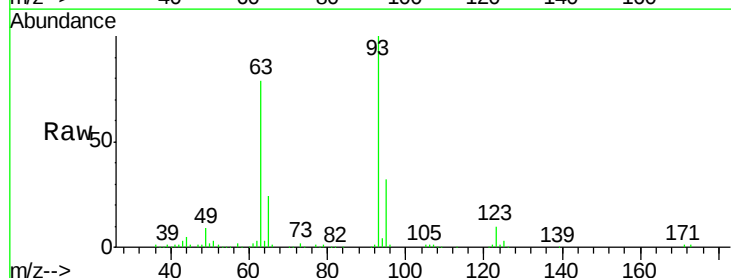
RT: 7.78 min Scan# 498

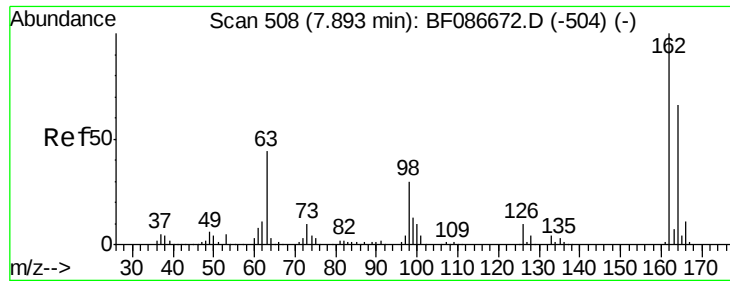
Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Tgt Ion:	93	Resp:	163591
Ion Ratio	Lower	Upper	
93	100		
95	31.9	26.0	39.0
123	10.0	9.5	14.3





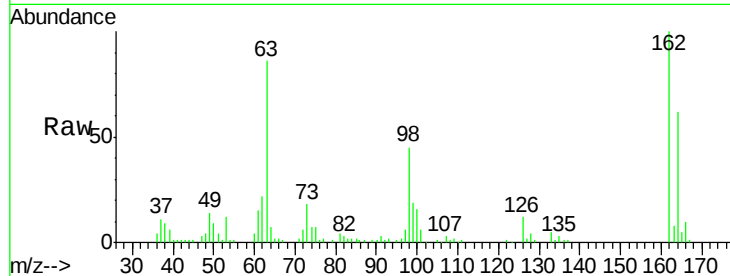
#29
2,4-Dichlorophenol
Concen: 10.36 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

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

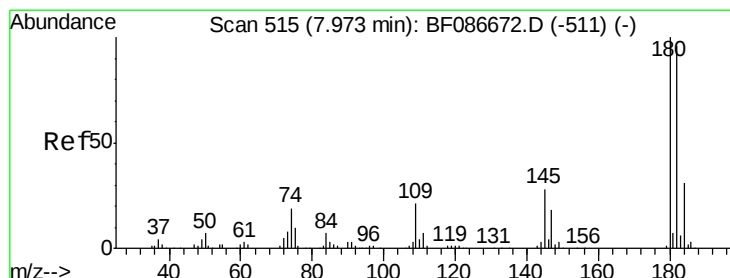
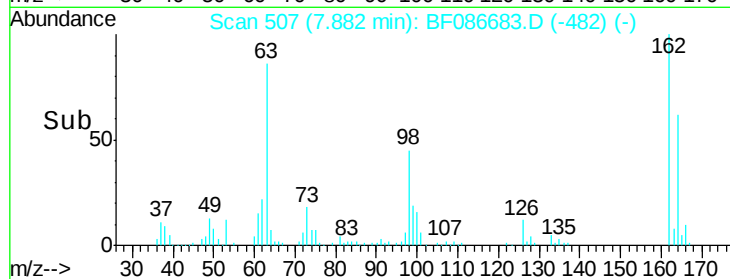
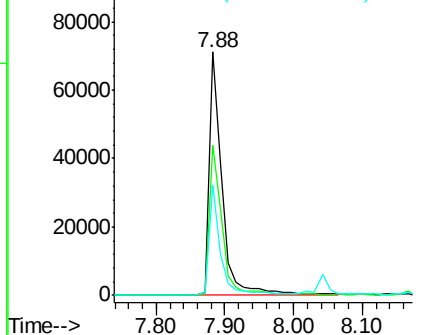
Tot Ion:	162	Resp:	94016
Ion Ratio	Lower	Upper	
162	100		
164	61.8	42.2	82.2
98	45.2	19.0	59.0

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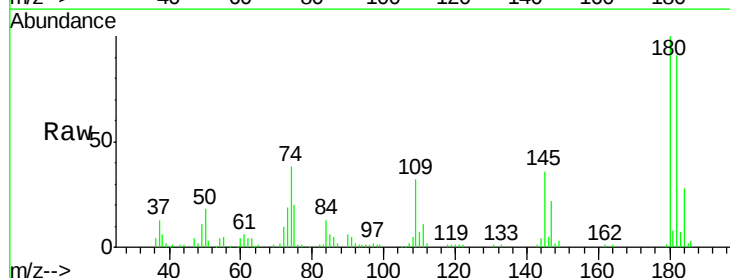


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

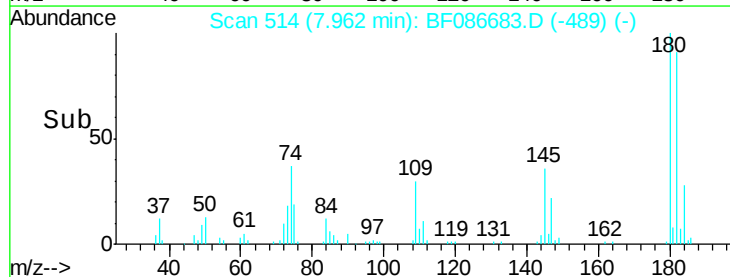
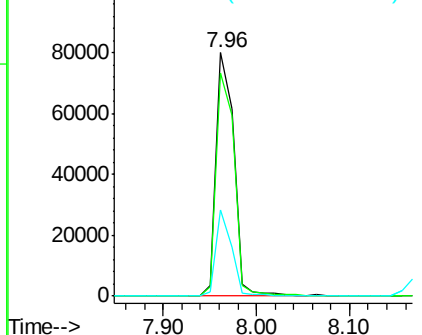


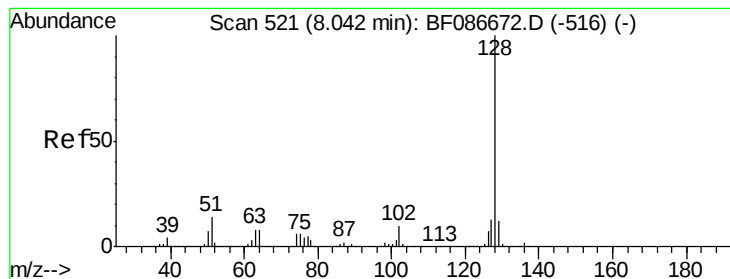
#30
1,2,4-Trichlorobenzene
Concen: 10.44 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion:	180	Resp:	105734
Ion Ratio	Lower	Upper	
180	100		
182	91.5	78.0	117.0
145	35.6	24.2	36.2



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





#31

Naphthalene

Concen: 11.14 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

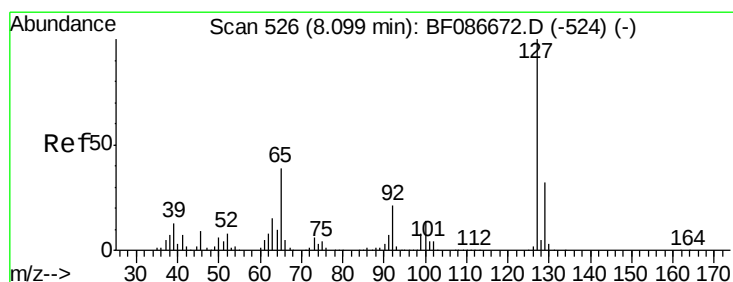
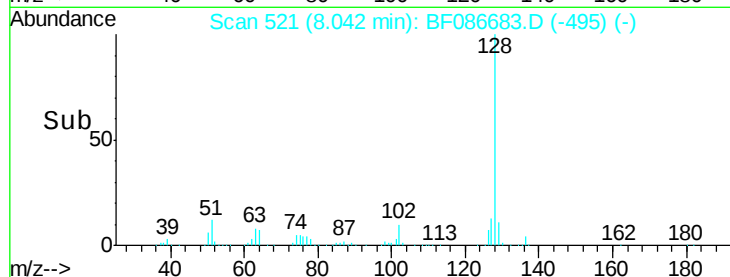
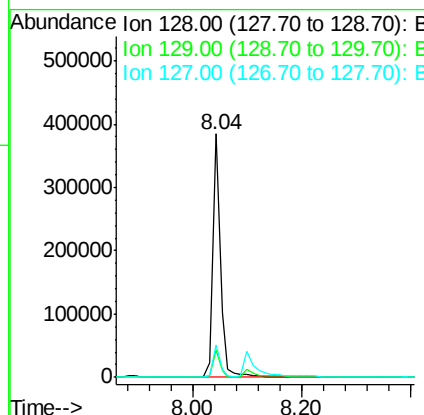
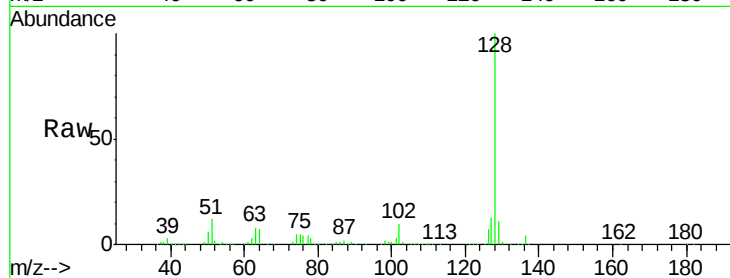
ClientSampleId :

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

Tot Ion	128	Resp	381267
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.6	13.0
127	13.2	10.8	16.2

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#33

4-Chloroaniline

Concen: 5.46 ng

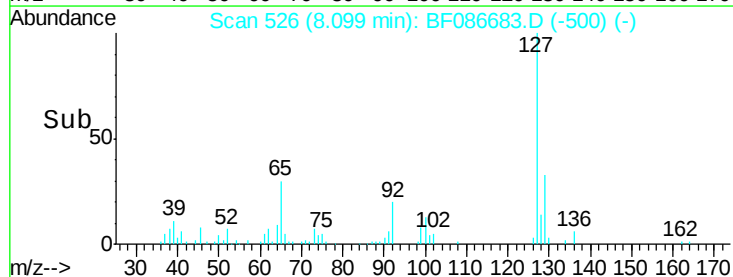
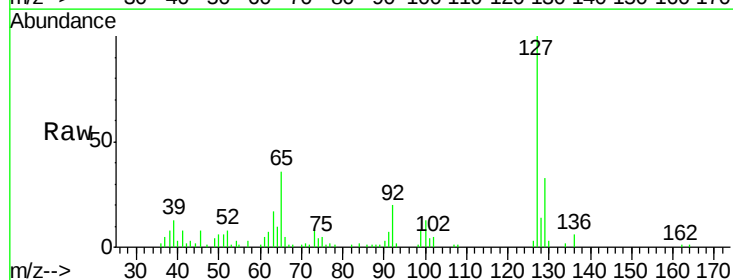
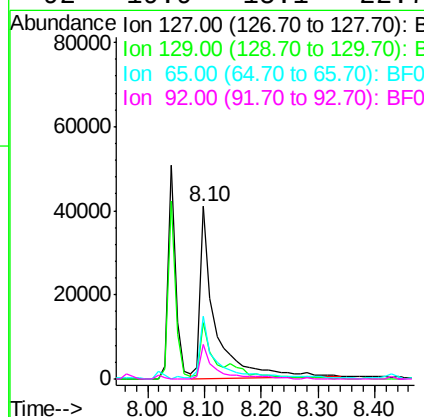
RT: 8.10 min Scan# 526

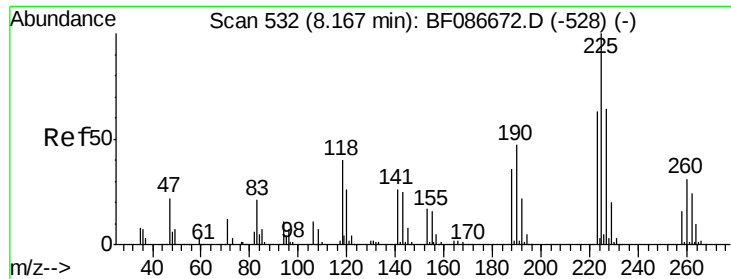
Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Tgt Ion	127	Resp	72436
Ion Ratio	Lower	Upper	
127	100		
129	33.0	26.2	39.4
65	36.0	23.0	34.4#
92	19.9	15.1	22.7





#34

Hexachlorobutadiene

Concen: 11.09 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

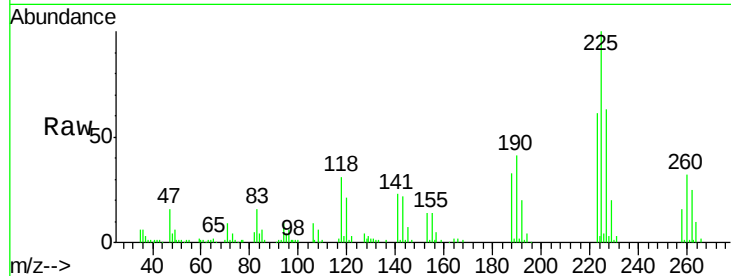
ClientSampleId :

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

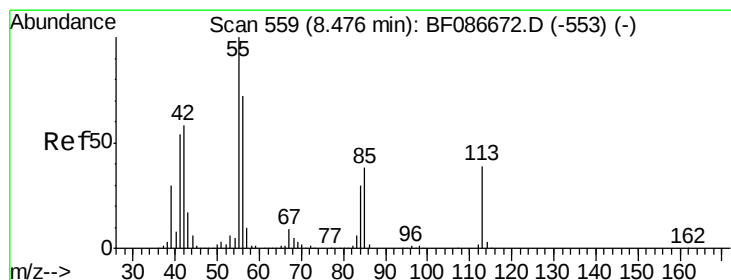
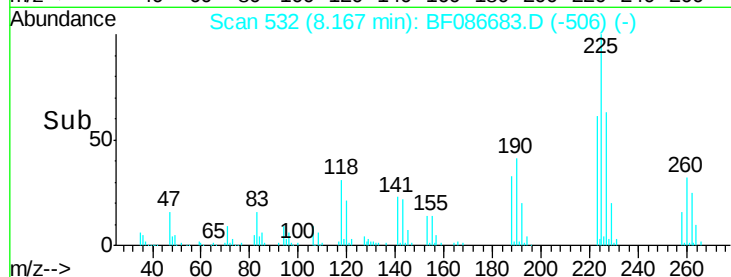
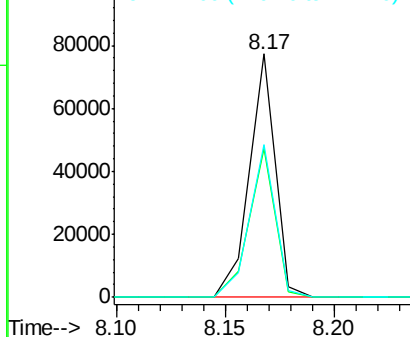
Tot Ion:	225	Resp:	63769
Ion Ratio	Lower	Upper	
225	100		
223	61.2	51.5	77.3
227	62.6	52.2	78.2

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



#35

Caprolactam

Concen: 9.41 ng

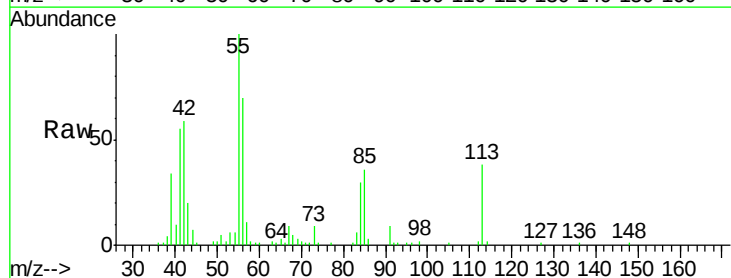
RT: 8.43 min Scan# 555

Delta R.T. -0.05 min

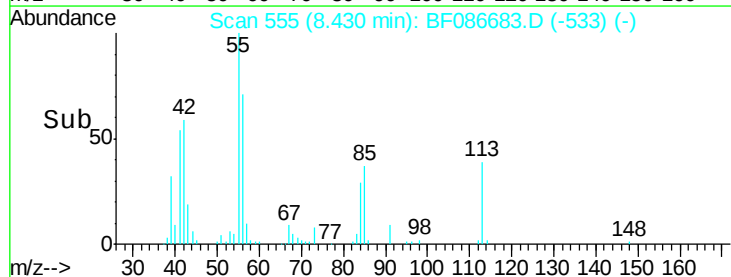
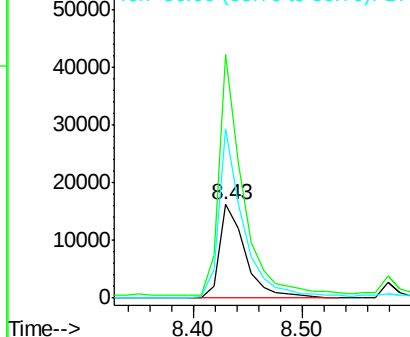
Lab File: BF086683.D

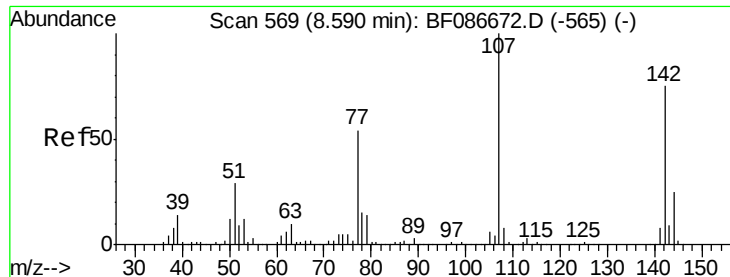
Acq: 4 May 2016 18:16

Tgt Ion:	113	Resp:	26432
Ion Ratio	Lower	Upper	
113	100		
55	260.6	162.0	202.0#
56	181.4	115.3	155.3#



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





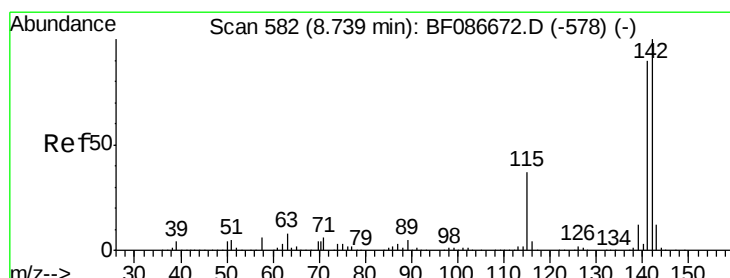
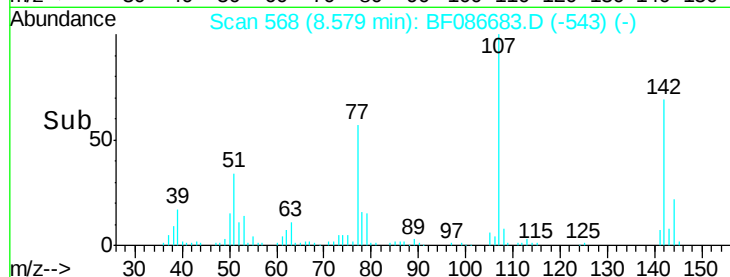
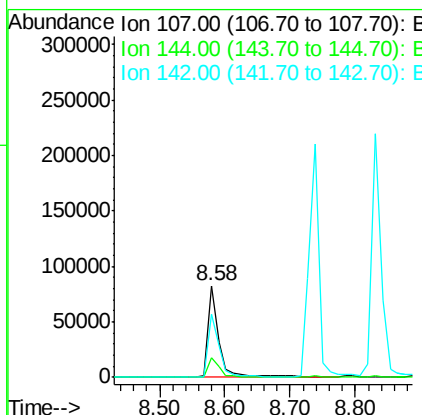
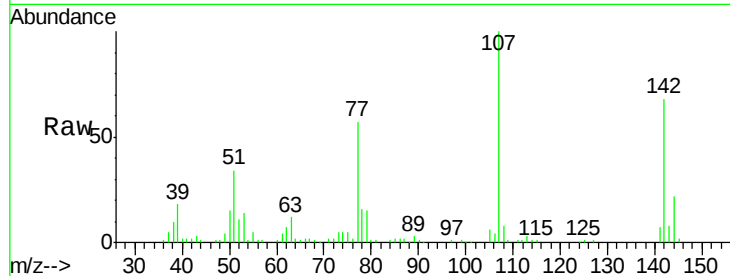
#36
4-Chloro-3-methylphenol
Concen: 9.58 ng
RT: 8.58 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100	99223		
144	21.9	20.7	31.1	
142	68.3	63.2	94.8	

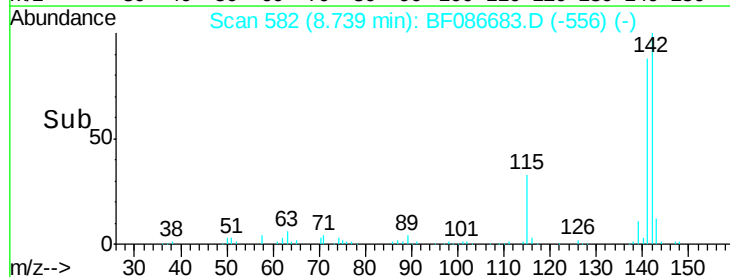
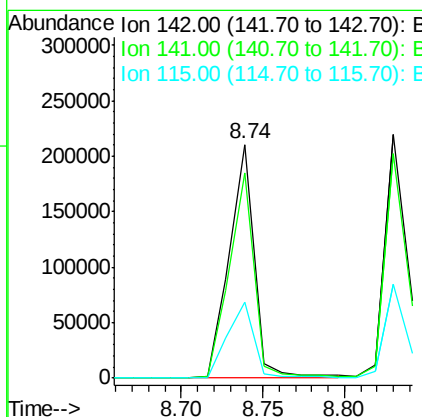
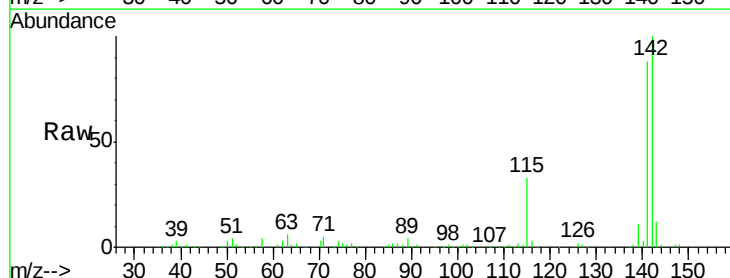
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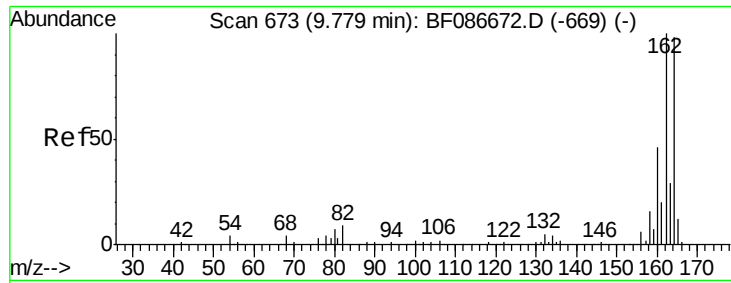
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#37
2-Methylnaphthalene
Concen: 11.02 ng
RT: 8.74 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	222509		
141	88.0	71.0	106.6	
115	32.6	26.6	39.8	





#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF086683.D

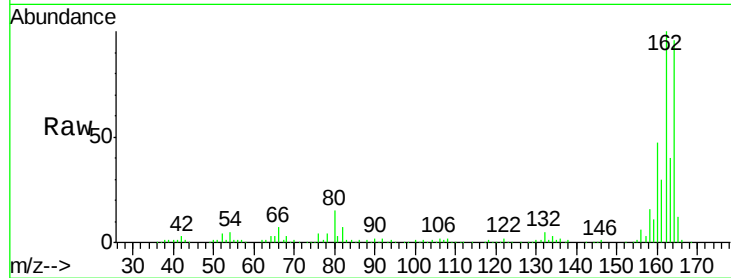
Acq: 4 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

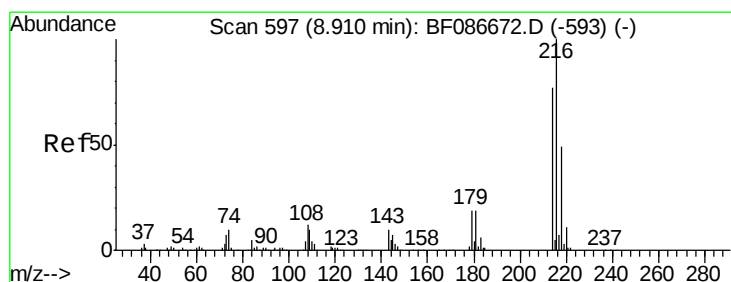
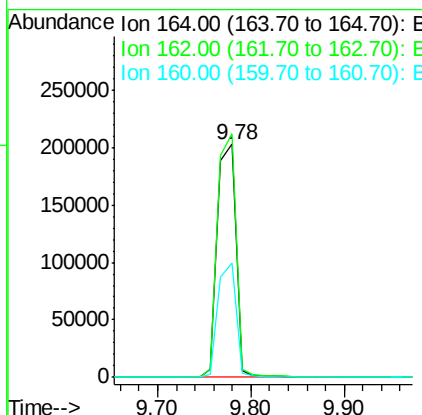
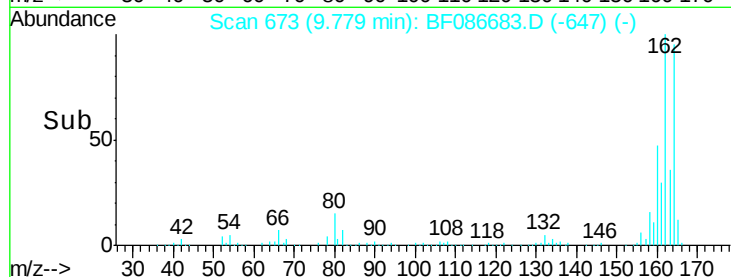
26WARD-2B-CS-5(10-20FTBGS)MS



Tot Ion	164	Resp	282103
Ion Ratio	Lower	Upper	
164	100		
162	104.6	82.8	124.2
160	49.3	36.9	55.3

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 11.29 ng

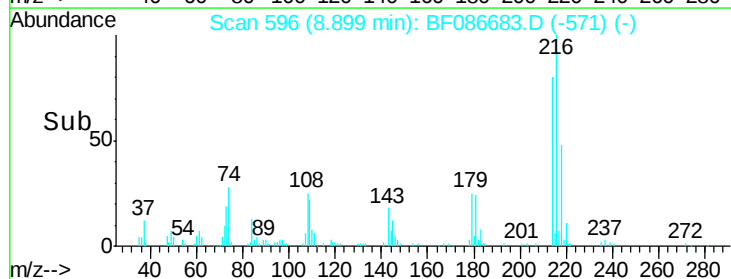
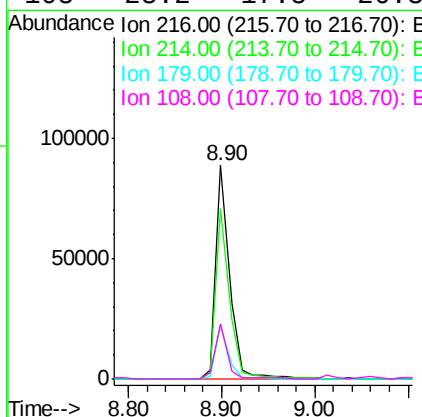
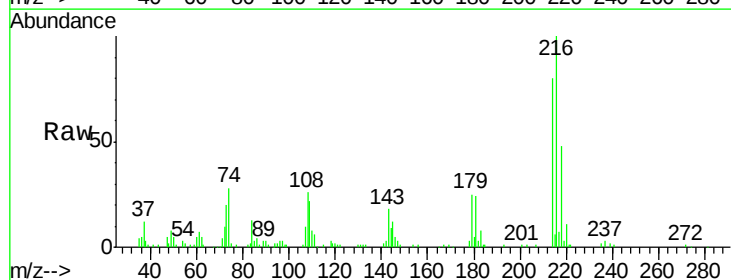
RT: 8.90 min Scan# 596

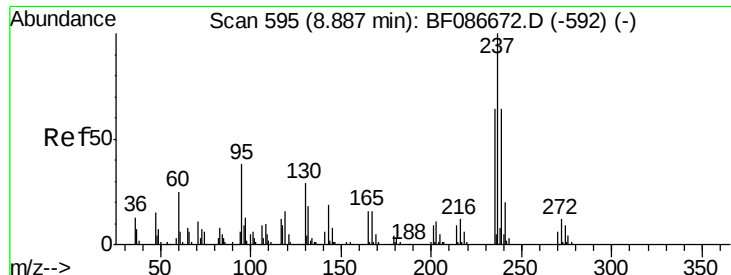
Delta R.T. -0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Tgt Ion	216	Resp	92229
Ion Ratio	Lower	Upper	
216	100		
214	79.0	62.6	93.8
179	23.0	18.2	27.4
108	23.2	17.5	26.3





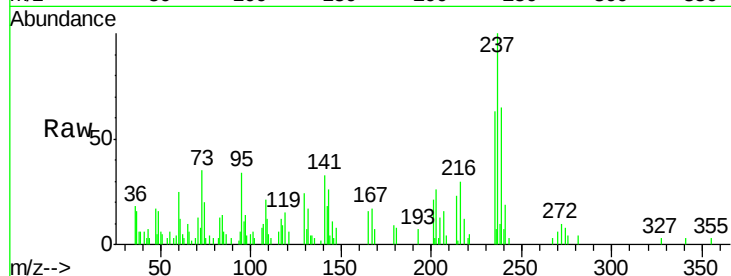
#40
Hexachlorocyclopentadiene
Concen: 8.74 ng
RT: 8.89 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

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

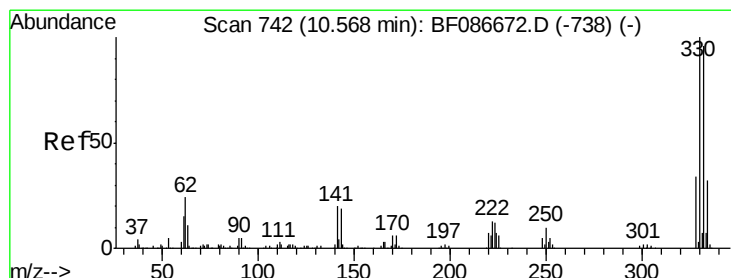
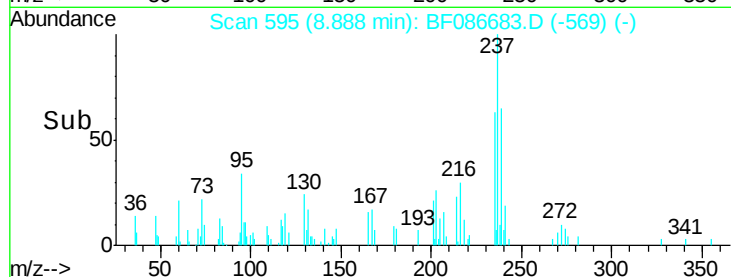
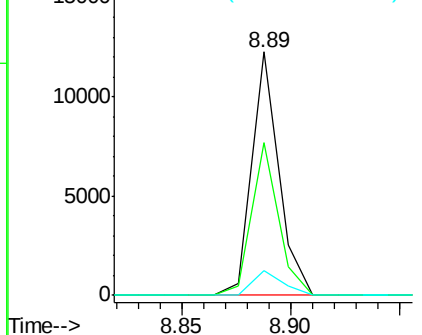
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.7	47.2	87.2
272	10.1	0.0	31.1

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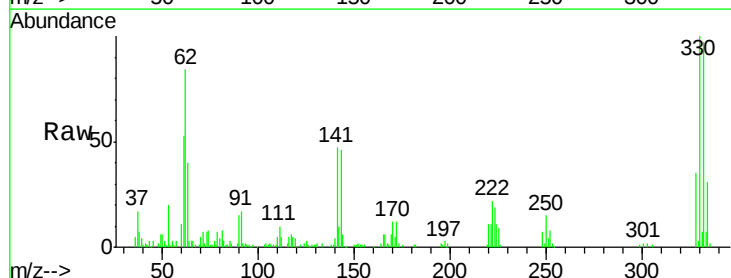


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

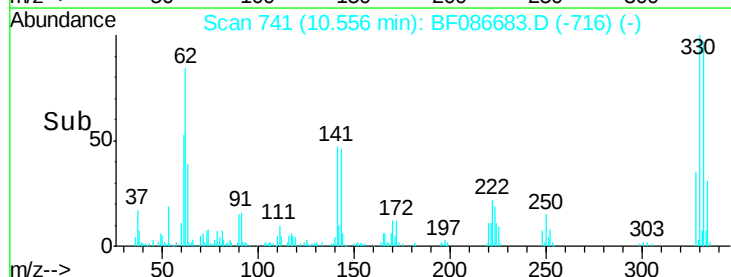
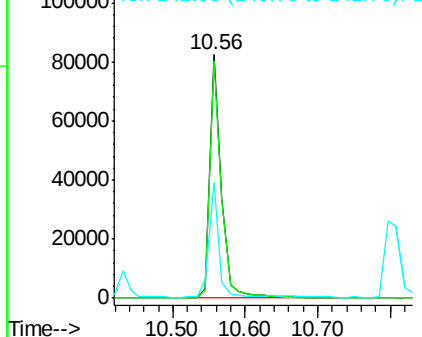


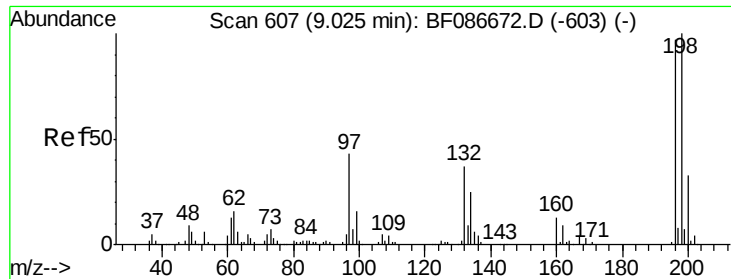
#41
2,4,6-Tribromophenol
Concen: 32.87 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	39.9	31.2	46.8



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





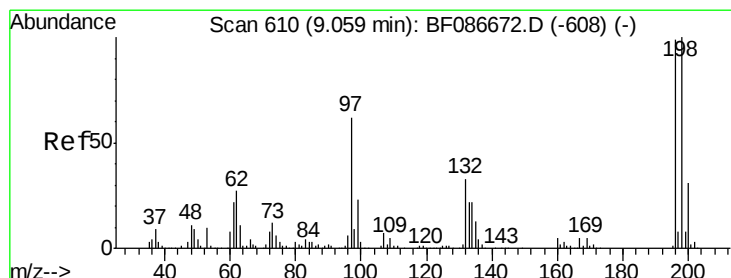
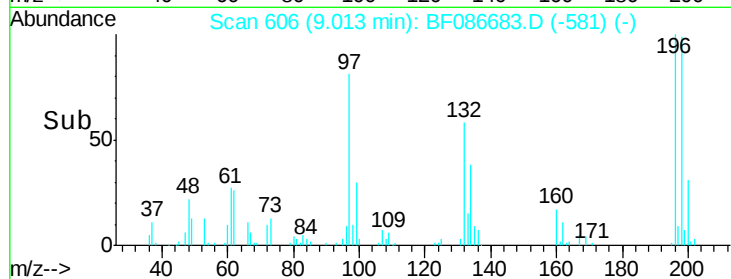
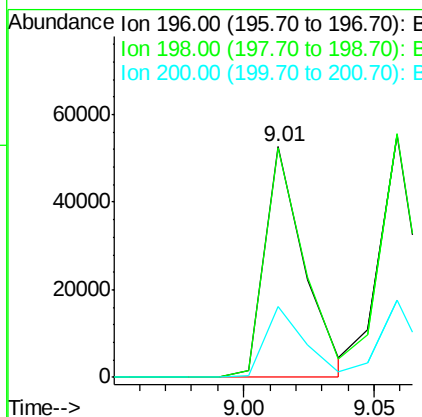
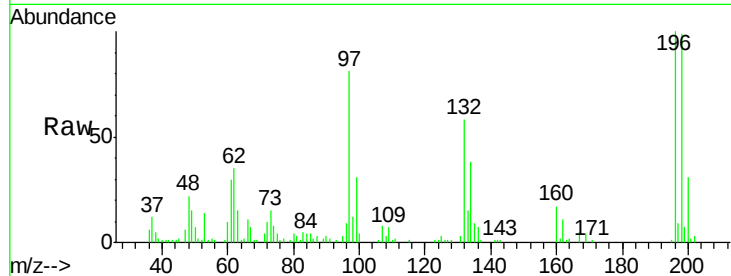
#42
 2,4,6-Trichlorophenol
 Concen: 10.68 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	55439		
198	99.3	74.7	112.1	
200	30.5	23.8	35.6	

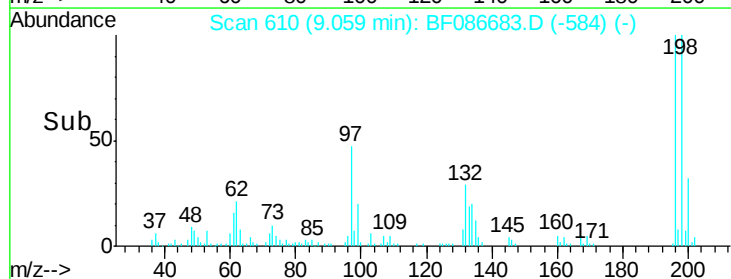
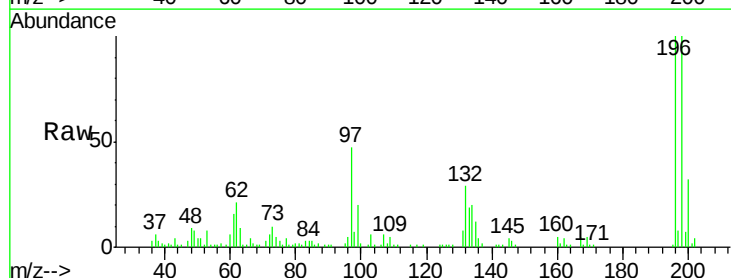
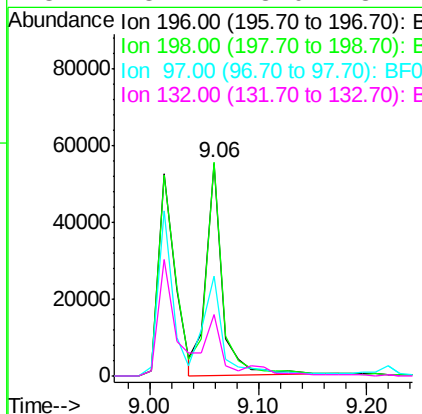
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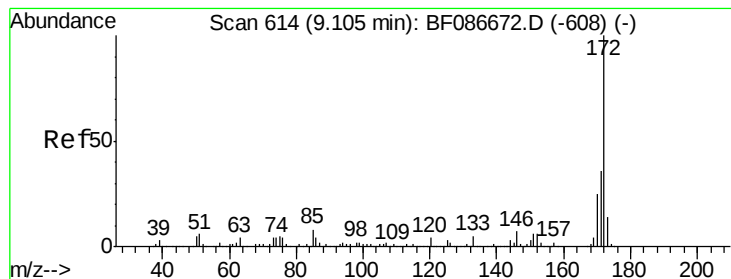
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#43
 2,4,5-Trichlorophenol
 Concen: 10.70 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	58049		
198	100.3	77.5	116.3	
97	47.0	34.8	52.2	
132	28.7	23.0	34.4	





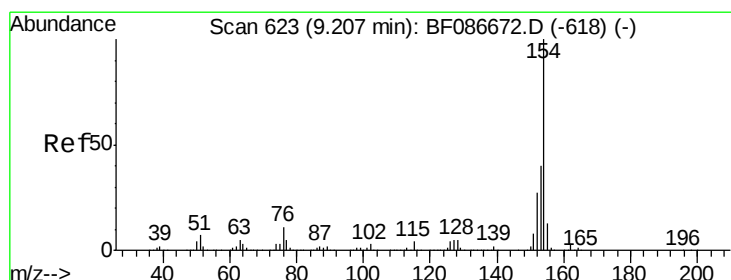
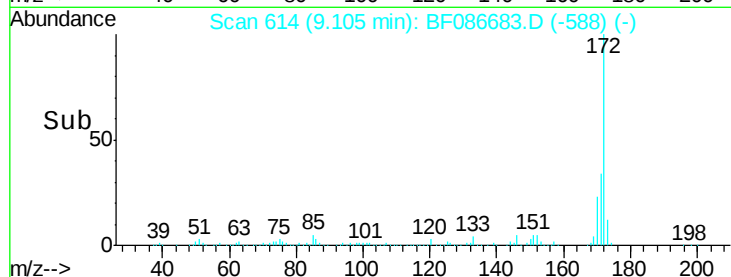
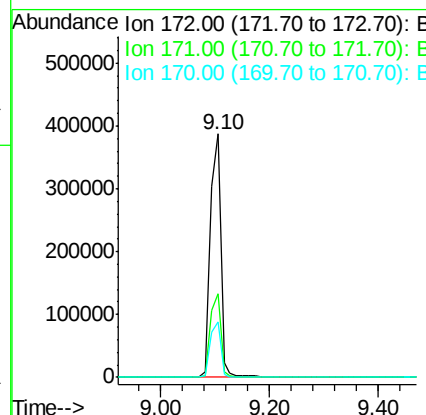
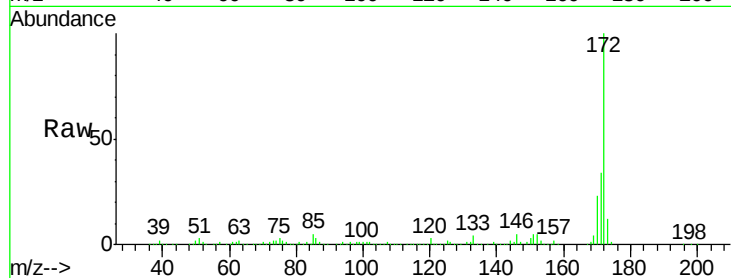
#44
2-Fluorobiphenyl
Concen: 29.92 ng
RT: 9.10 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

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

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.4	29.0	43.6	
170	22.9	19.8	29.8	

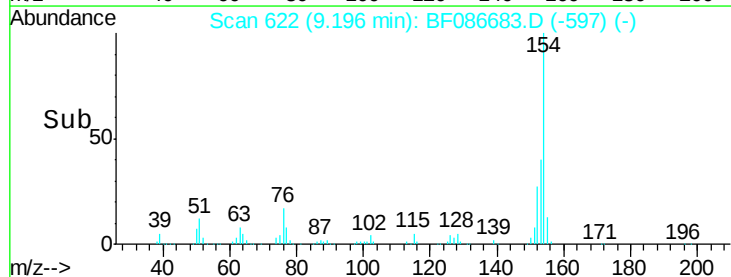
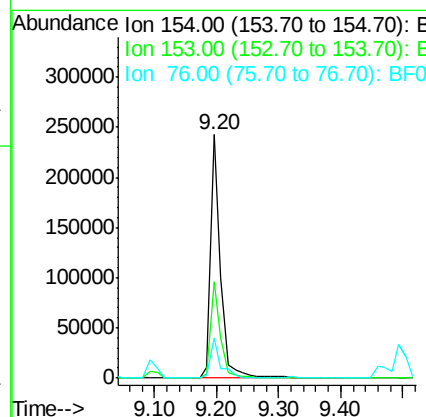
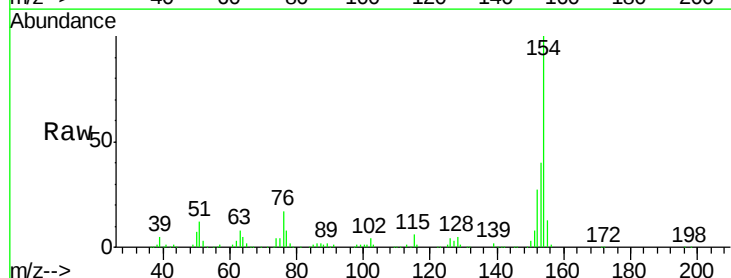
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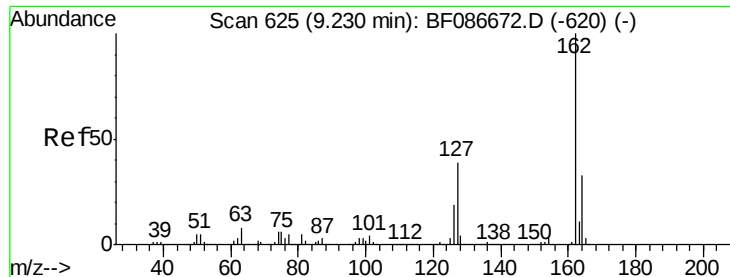
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#45
1,1'-Biphenyl
Concen: 11.82 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.5	20.3	60.3	
76	16.5	0.0	30.2	





#46

2-Chloronaphthalene

Concen: 11.29 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

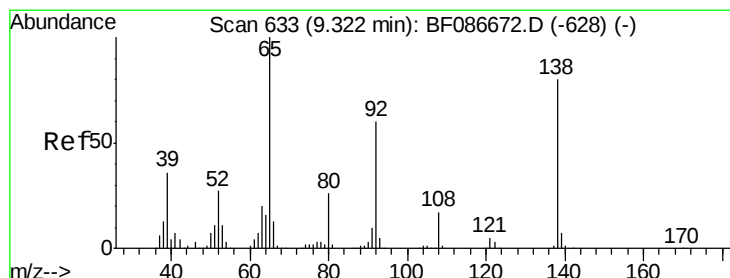
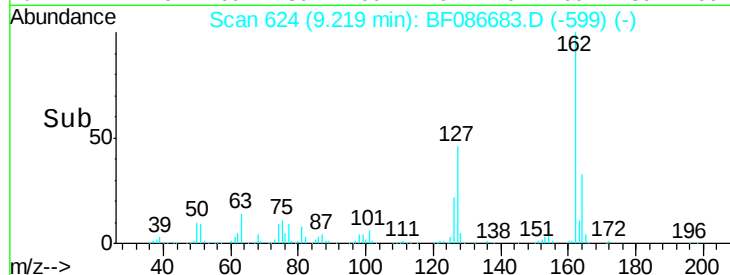
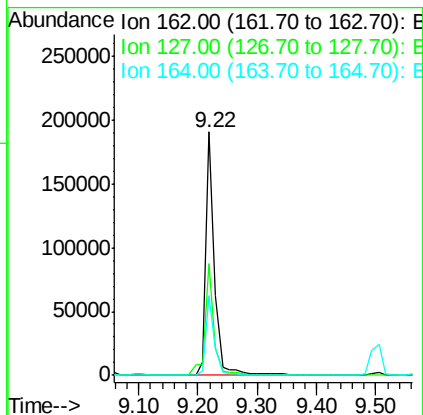
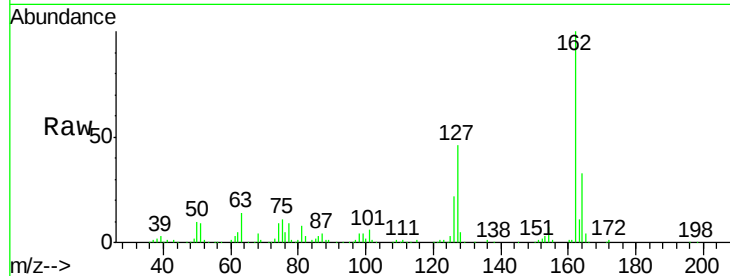
ClientSampleId :

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

Tot Ion:	162	Resp:	200933
Ion Ratio	Lower	Upper	
162	100		
127	46.0	31.8	47.6
164	32.5	27.0	40.6

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#47

2-Nitroaniline

Concen: 10.27 ng

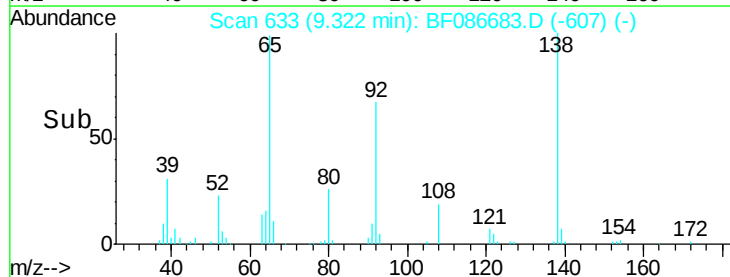
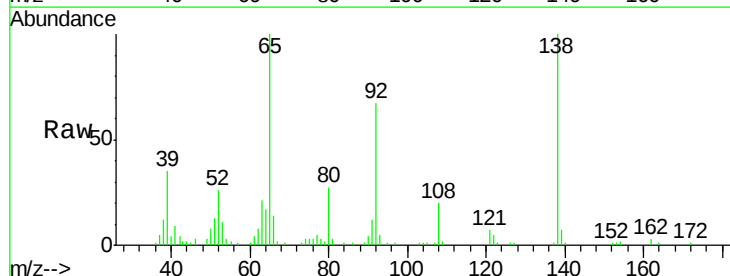
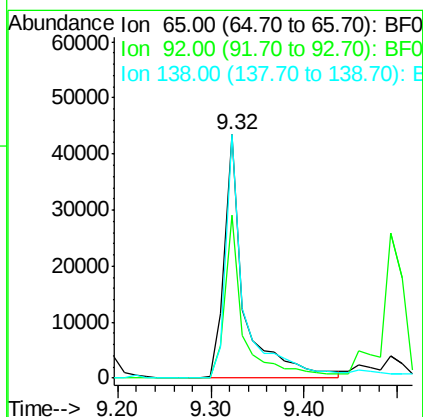
RT: 9.32 min Scan# 633

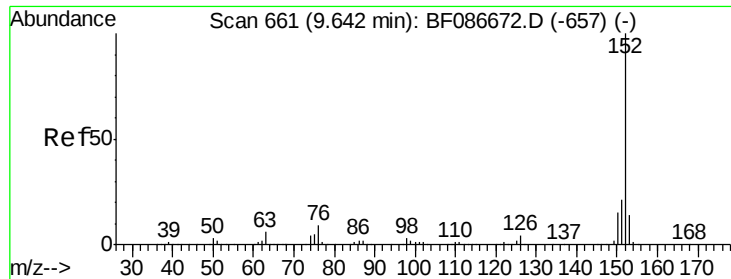
Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Tgt Ion:	65	Resp:	64967
Ion Ratio	Lower	Upper	
65	100		
92	67.1	57.4	86.2
138	99.8	90.1	135.1





#48

Acenaphthylene

Concen: 11.43 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

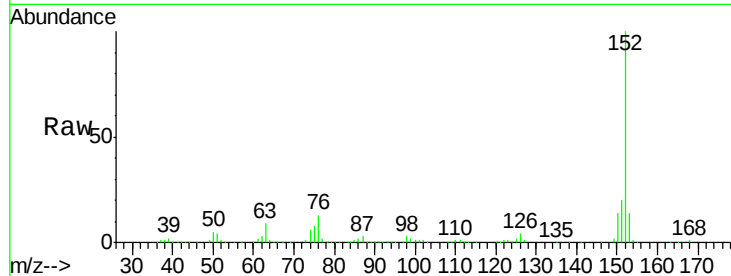
ClientSampleId :

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

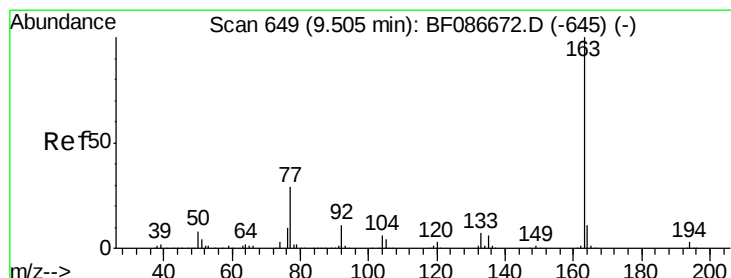
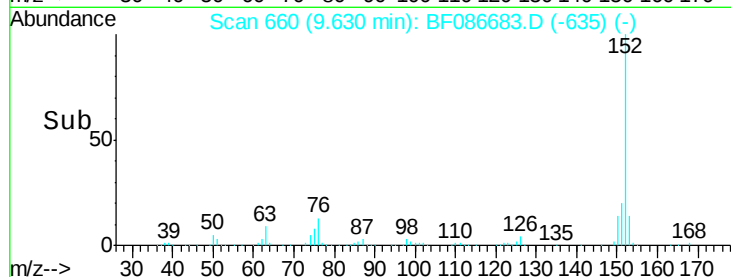
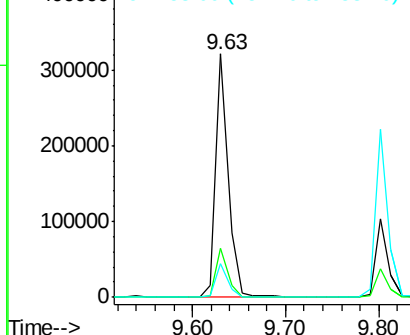
Tot Ion:	152	Resp:	301869
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.8	25.2
153	13.8	10.9	16.3

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



#49

Dimethylphthalate

Concen: 15.33 ng

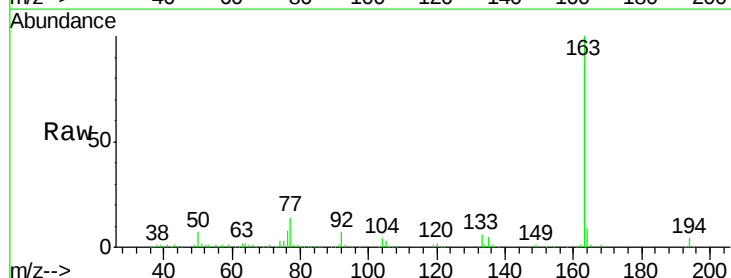
RT: 9.50 min Scan# 649

Delta R.T. 0.00 min

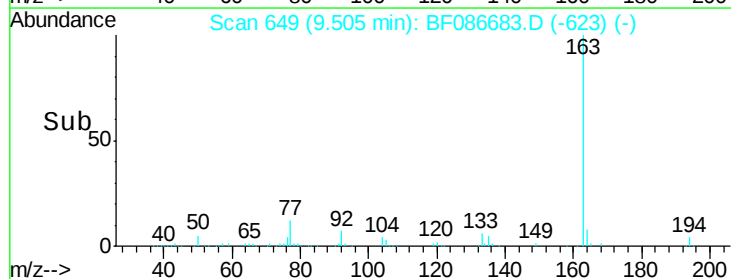
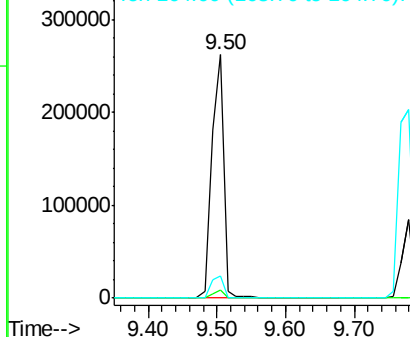
Lab File: BF086683.D

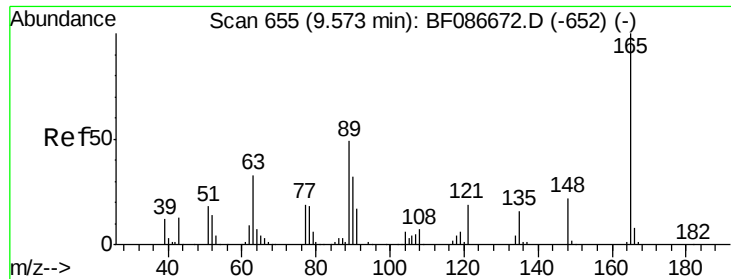
Acq: 4 May 2016 18:16

Tgt Ion:	163	Resp:	322484
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.6	4.0
164	9.2	8.2	12.4



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





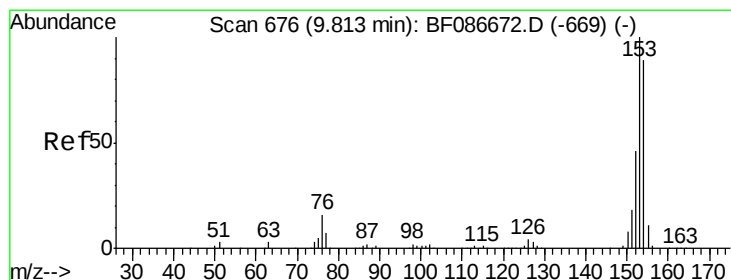
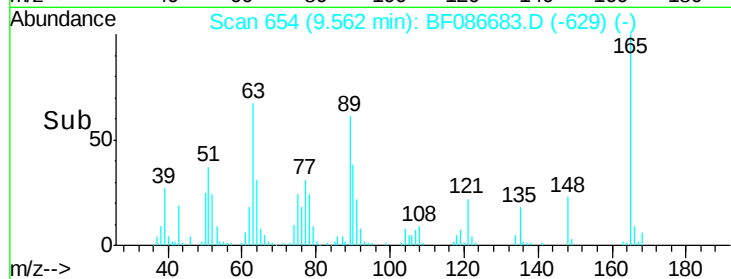
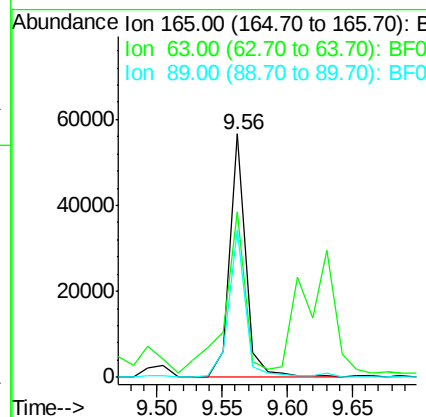
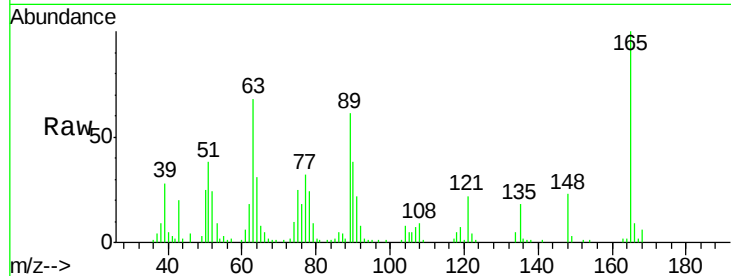
#50
2,6-Dinitrotoluene
Concen: 10.93 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

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

Tot Ion:	165	Resp:	49322
Ion Ratio	Lower	Upper	
165	100		
63	67.7	51.8	77.8
89	60.6	50.7	76.1

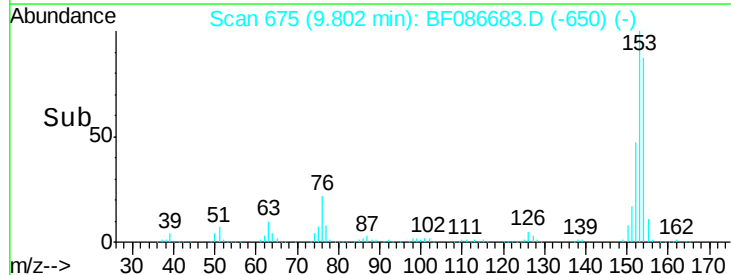
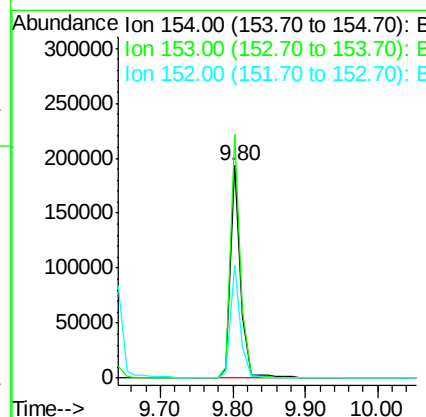
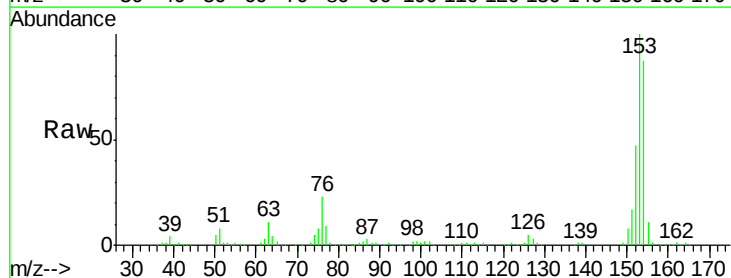
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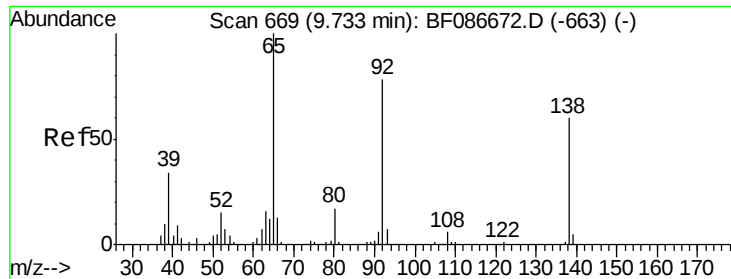
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#51
Acenaphthene
Concen: 10.82 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion:	154	Resp:	188574
Ion Ratio	Lower	Upper	
154	100		
153	114.5	89.8	134.6
152	53.4	43.4	65.0





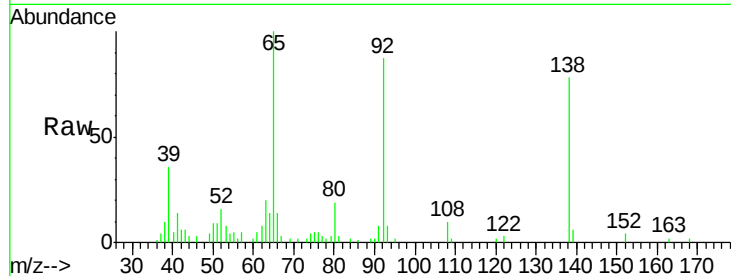
#52
 3-Nitroaniline
 Concen: 8.18 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

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

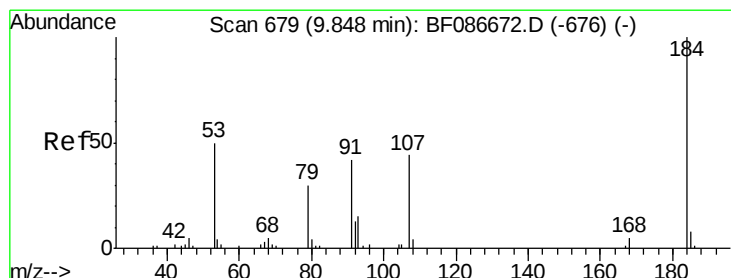
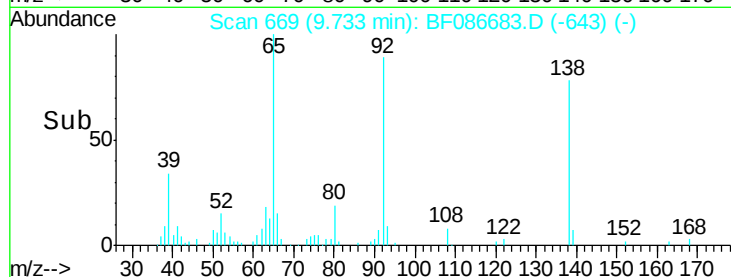
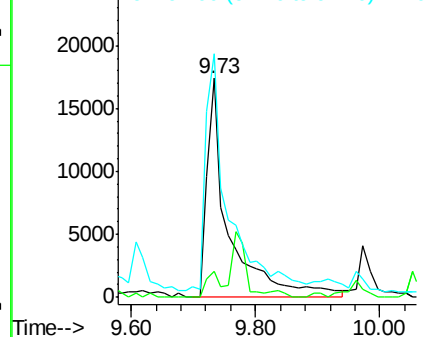
Tot Ion	Ratio	Lower	Upper
138	100		
108	12.2	7.8	11.6#
92	111.3	87.8	131.8

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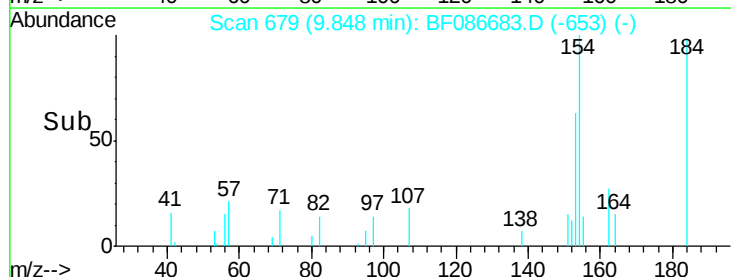
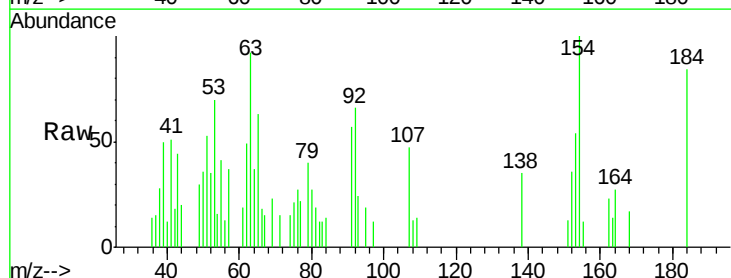
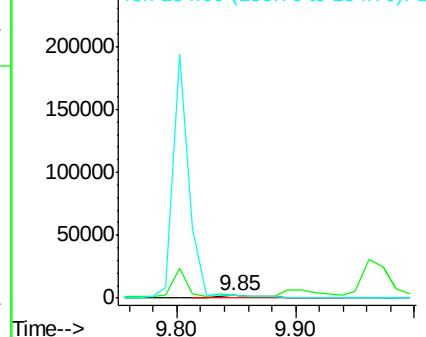
Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

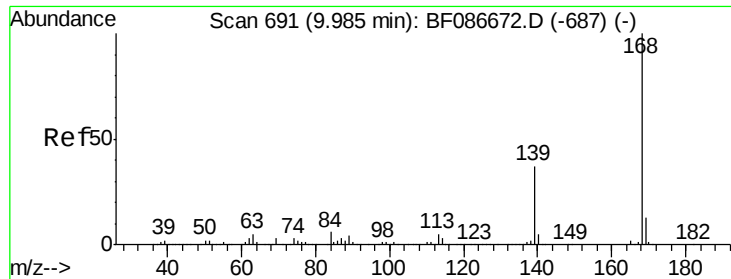


#53
 2,4-Dinitrophenol
 Concen: 13.90 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

Tgt Ion	Ratio	Lower	Upper
184	100		
63	109.3	55.8	83.8#
154	118.8	62.4	93.6#

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





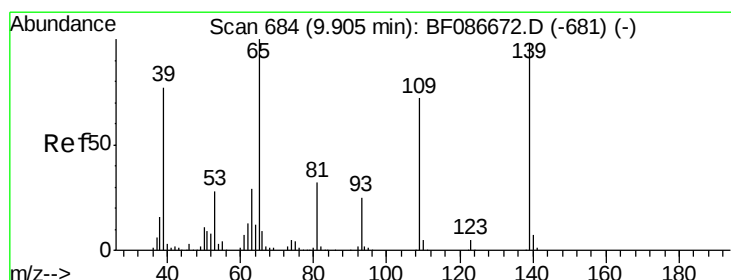
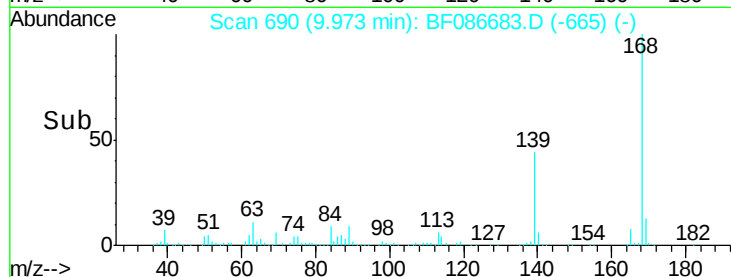
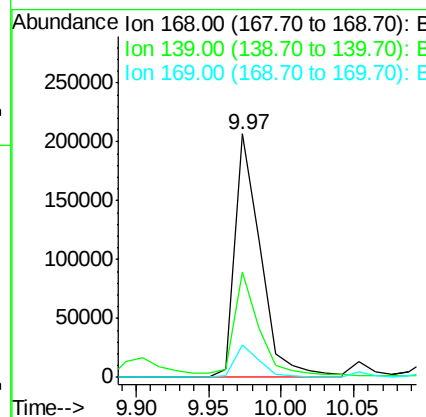
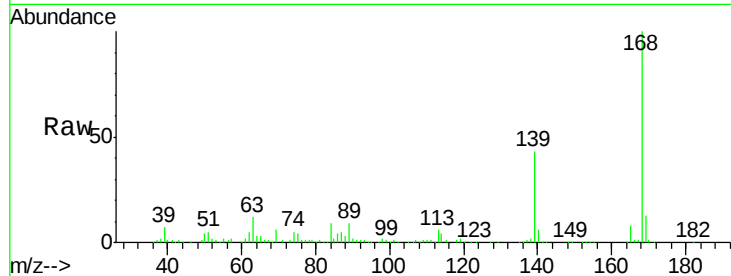
#54
Dibenzenofuran
Concen: 11.81 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

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

Tot Ion	Ratio	Resp	Lower	Upper
168	100	255072		
139	43.4	31.4	47.0	
169	13.4	10.7	16.1	

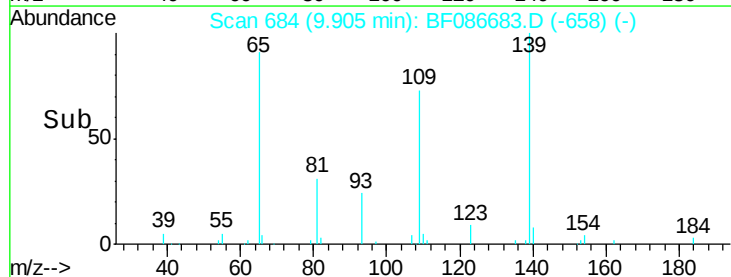
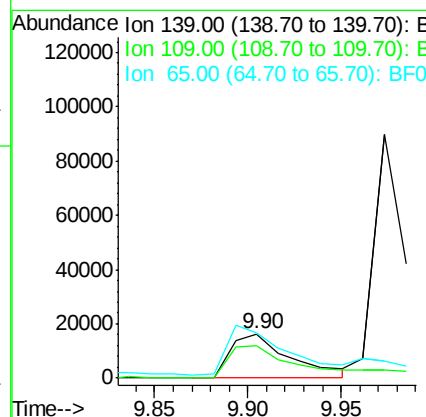
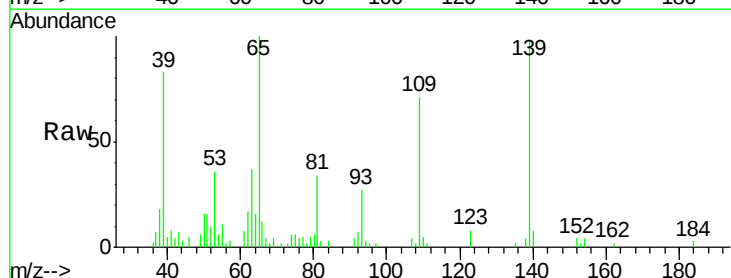
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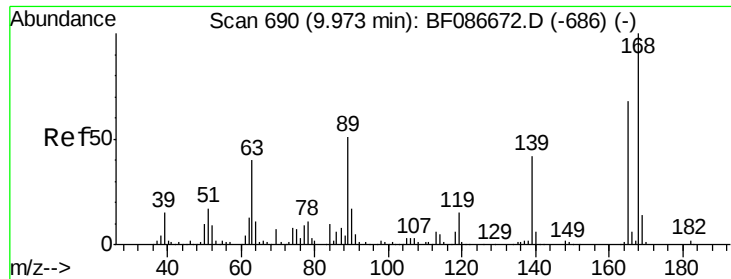
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#55
4-Nitrophenol
Concen: 12.18 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	36446		
109	73.0	36.9	76.9	
65	102.1	64.0	104.0	





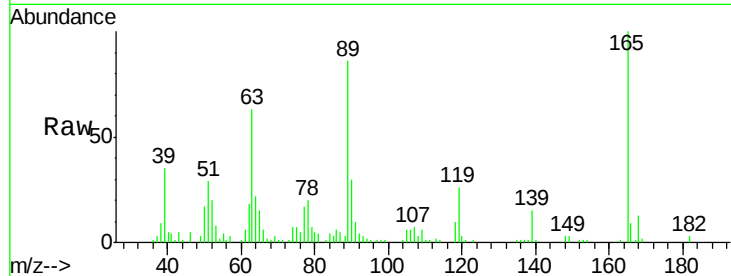
#56
2,4-Dinitrotoluene
Concen: 10.23 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

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

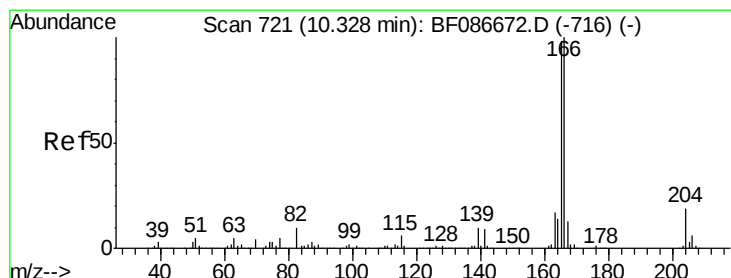
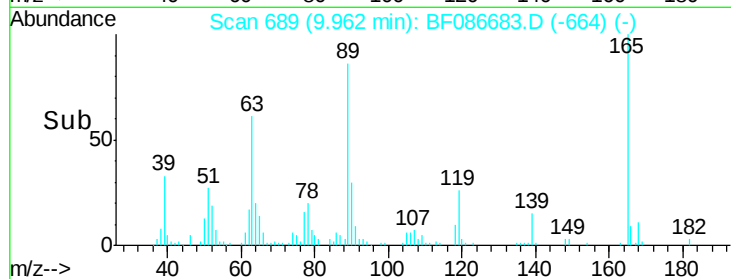
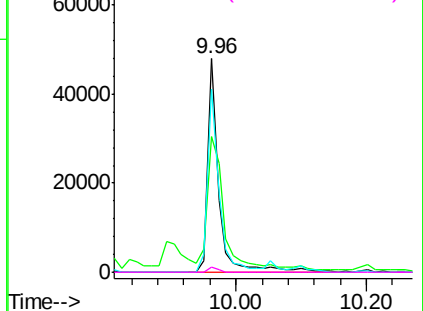
Tot Ion	Ratio	Resp	Lower	Upper
165	100	57229		
63	63.4	44.3	66.5	
89	85.7	70.0	105.0	
182	2.6	1.8	2.6	

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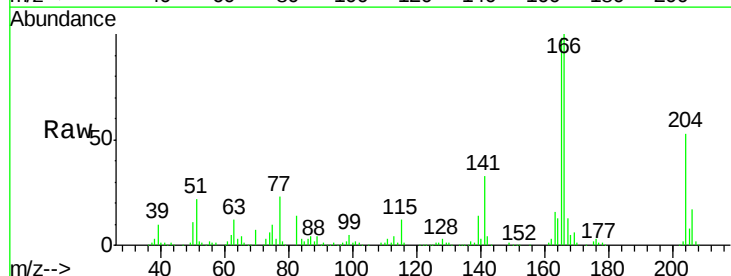


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

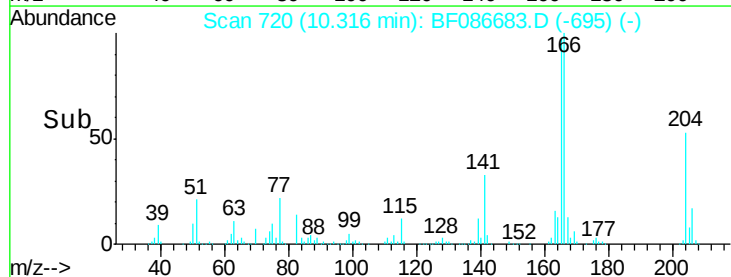
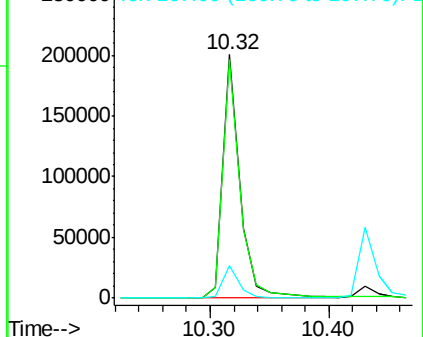


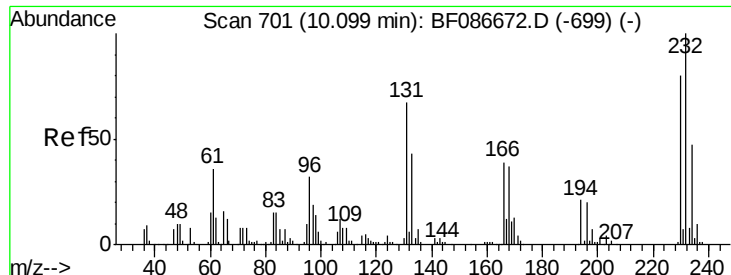
#57
Fluorene
Concen: 11.38 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	199149		
165	97.7	79.0	118.6	
167	13.1	10.6	15.8	



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





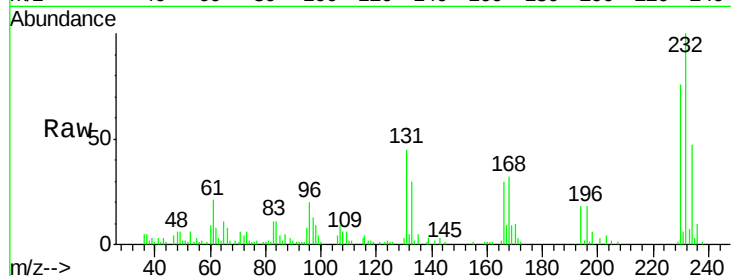
#58
2,3,4,6-Tetrachlorophenol
Concen: 11.60 ng
RT: 10.10 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

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

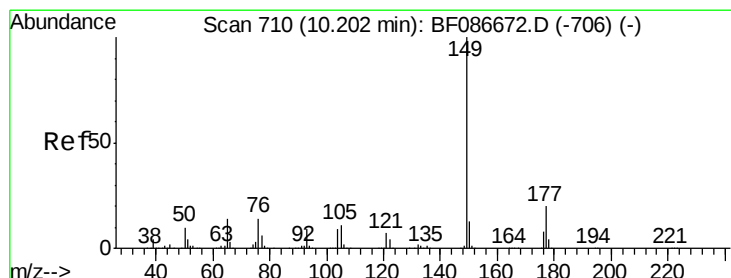
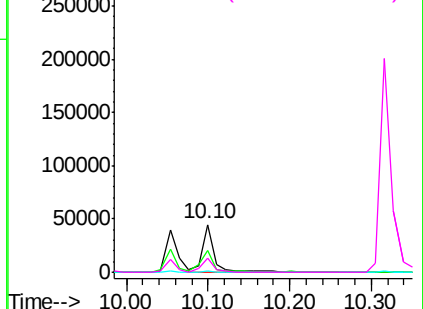
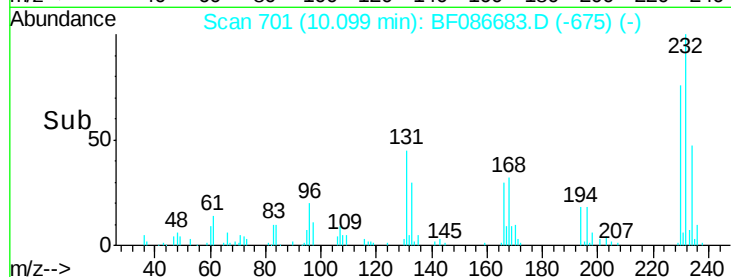
Tot Ion:	232	Resp:	46221
Ion Ratio	Lower	Upper	
232	100		
131	50.4	41.9	62.9
130	2.3	2.2	3.4
166	30.8	26.8	40.2

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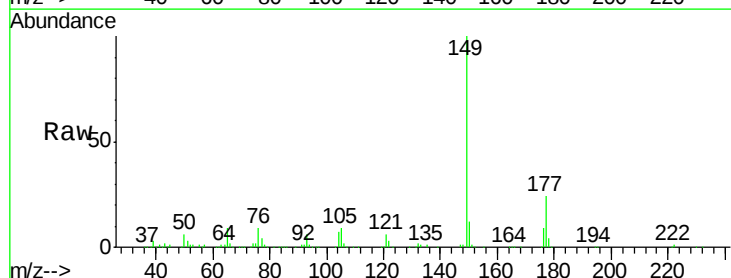


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

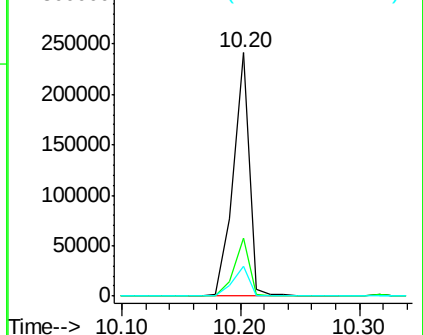
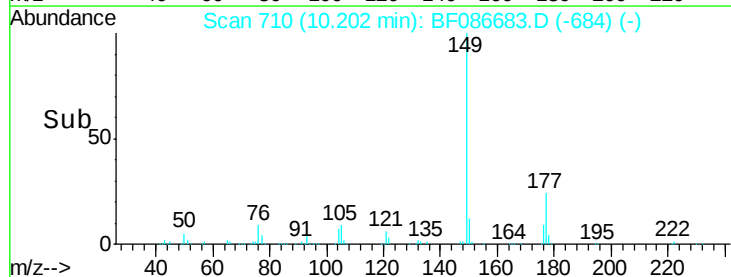


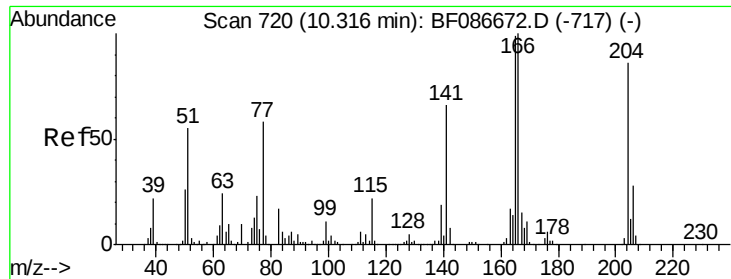
#59
Diethylphthalate
Concen: 11.45 ng
RT: 10.20 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion:	149	Resp:	227819
Ion Ratio	Lower	Upper	
149	100		
177	23.6	16.6	24.8
150	12.2	10.0	15.0



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





#60

4-Chlorophenyl-phenylether

Concen: 11.68 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

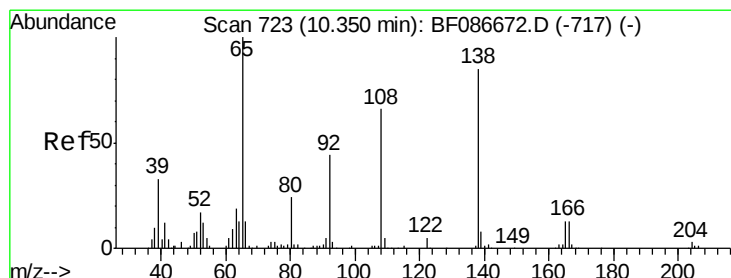
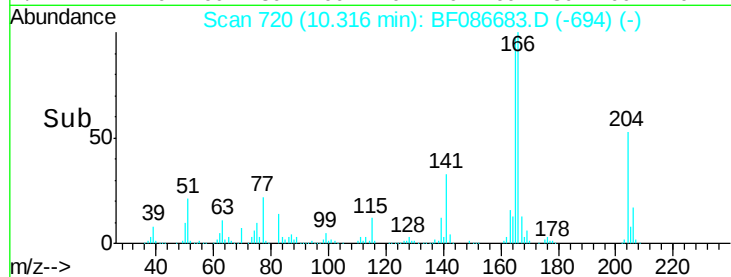
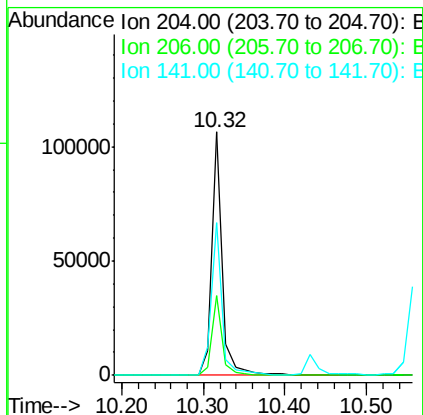
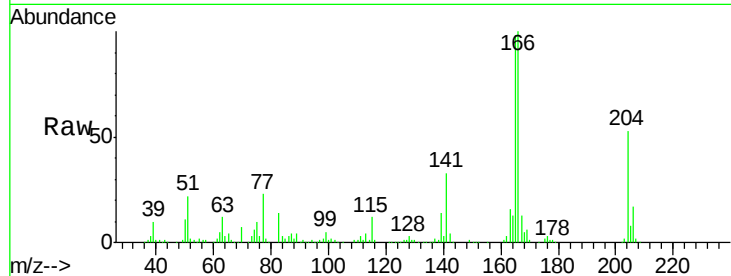
ClientSampleId :

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

Tot Ion:	204	Resp:	97232
Ion Ratio	Lower	Upper	
204	100		
206	32.7	25.4	38.0
141	62.5	61.6	92.4

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#61

4-Nitroaniline

Concen: 8.16 ng

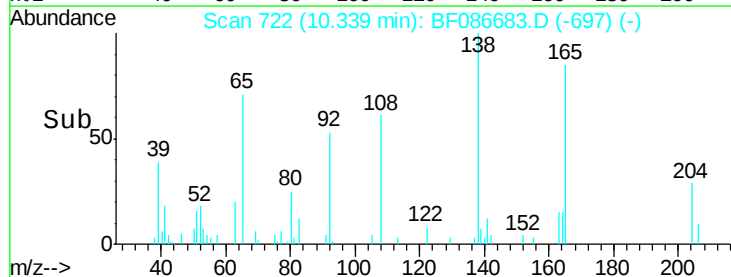
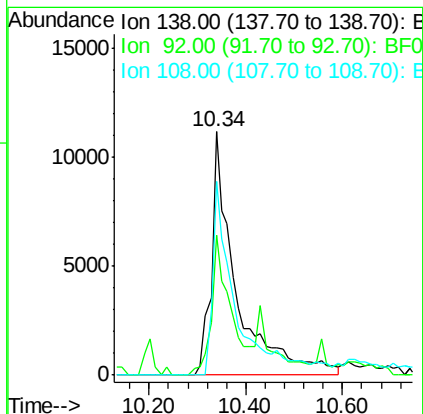
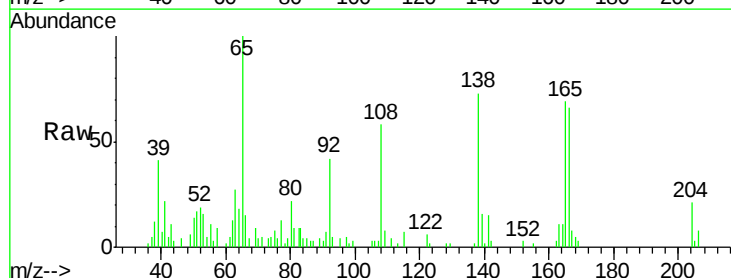
RT: 10.34 min Scan# 722

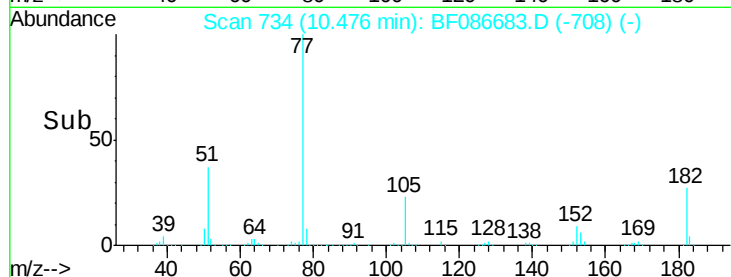
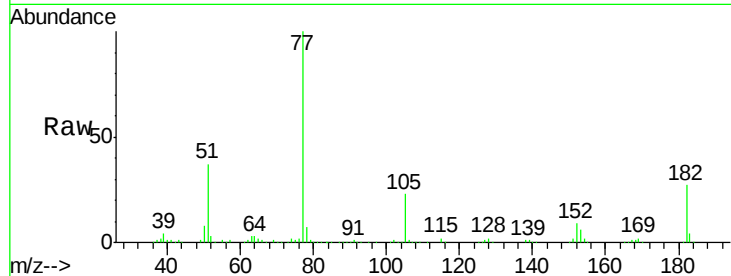
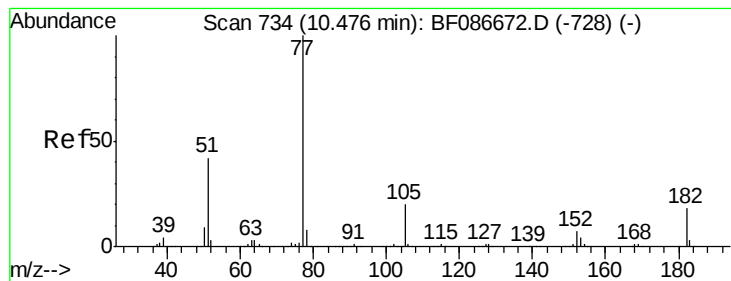
Delta R.T. -0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Tgt Ion:	138	Resp:	40213
Ion Ratio	Lower	Upper	
138	100		
92	57.2	24.7	64.7
108	79.3	37.4	77.4#





#62

Azobenzene

Concen: 10.54 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086683.D

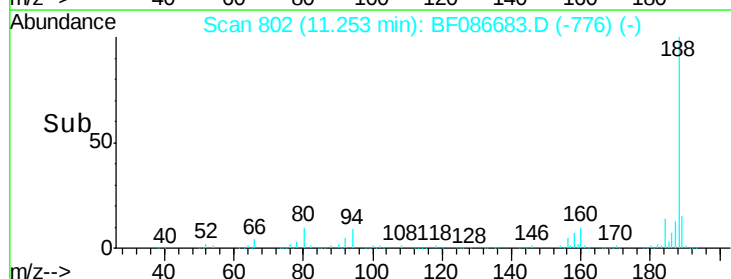
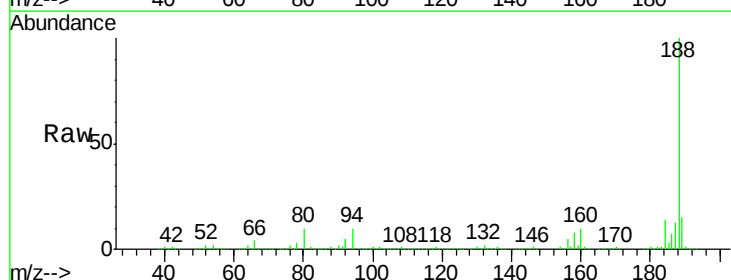
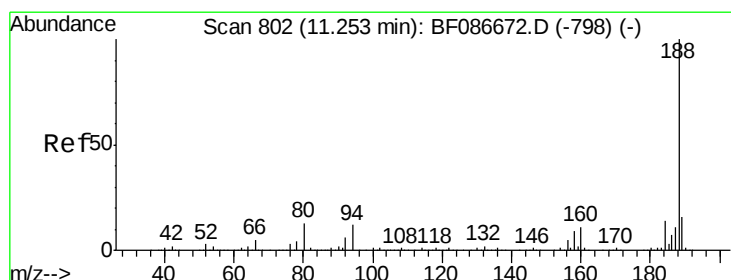
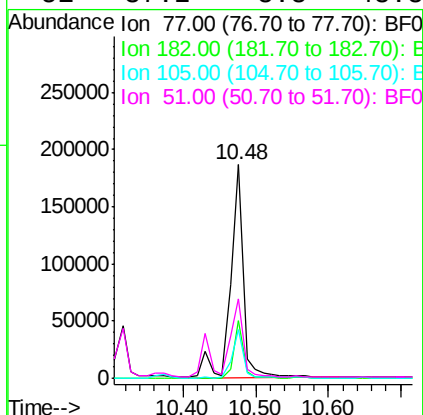
Acq: 4 May 2016 18:16

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.0	0.0	38.8		
105	22.9	3.2	43.2		
51	37.2	8.8	48.8		

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

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#63

Phenanthrene-d10

Concen: 40.00 ng m

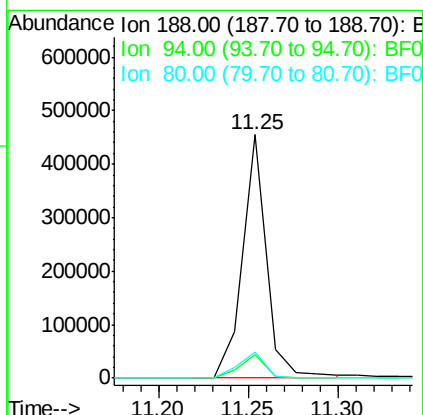
RT: 11.25 min Scan# 802

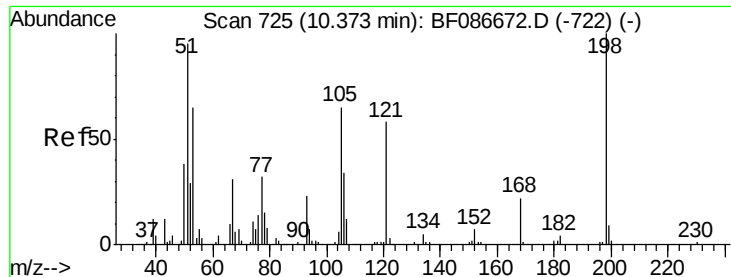
Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.7	6.8	10.2		
80	10.4	7.1	10.7		





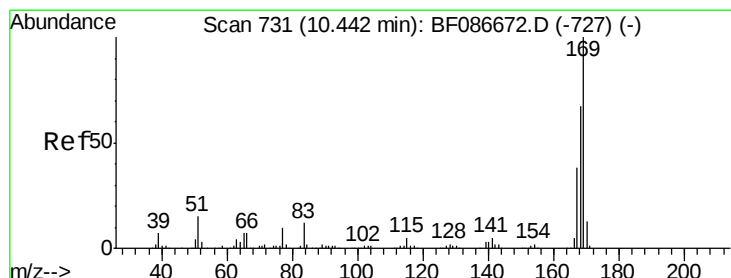
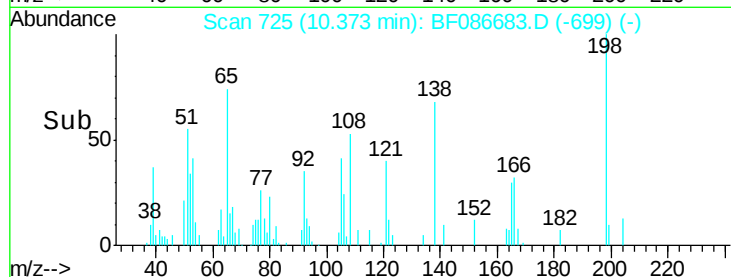
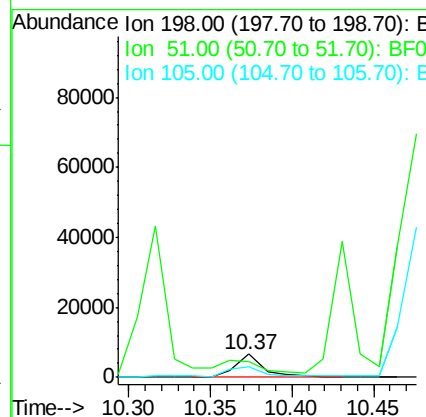
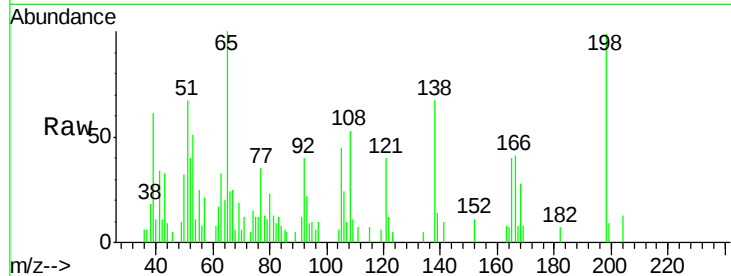
#64
4,6-Dinitro-2-methylphenol
Concen: 9.22 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

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

Tot Ion	Ratio	Resp	Lower	Upper
198	100	7704		
51	67.7	20.5	60.5#	
105	45.6	24.5	64.5	

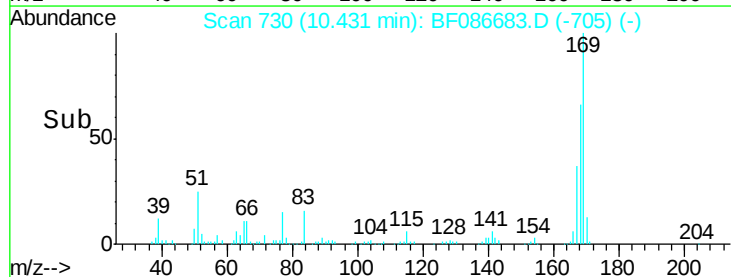
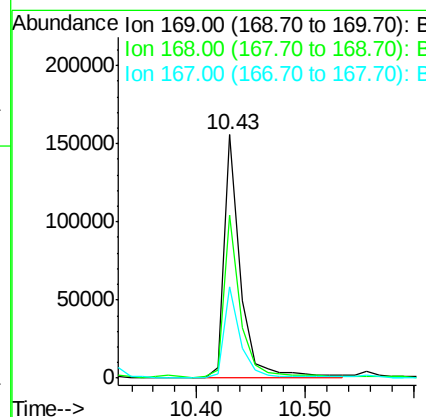
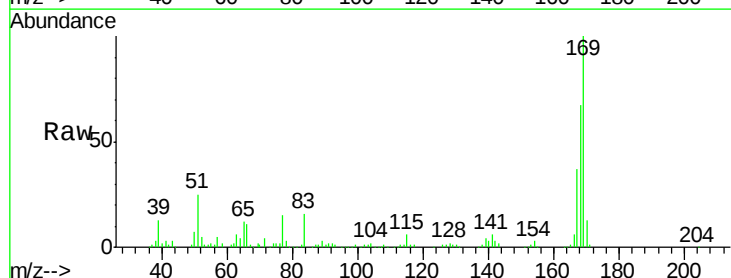
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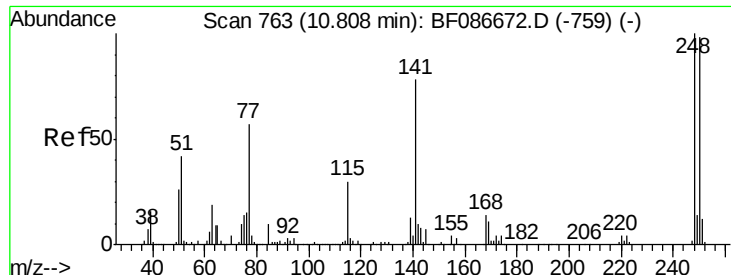
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#65
n-Nitrosodiphenylamine
Concen: 12.34 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	166070		
168	67.1	53.8	80.6	
167	37.3	29.5	44.3	





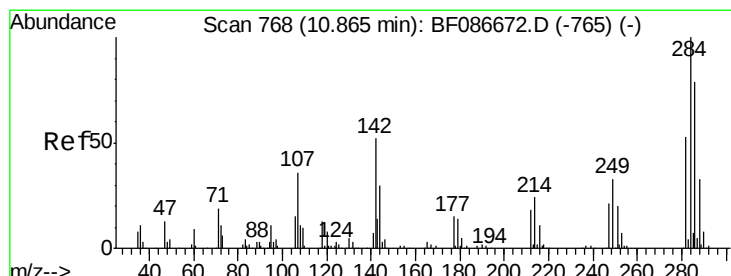
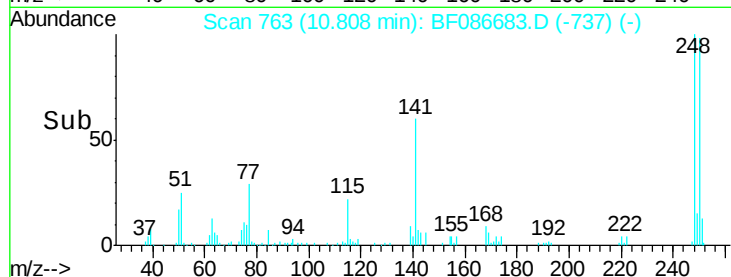
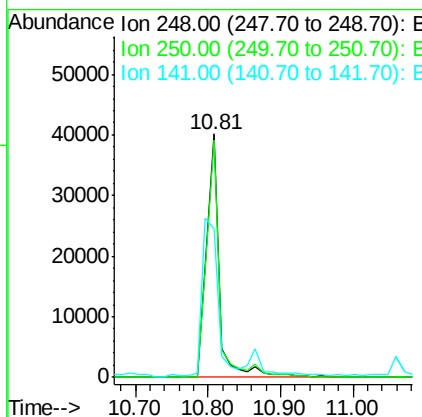
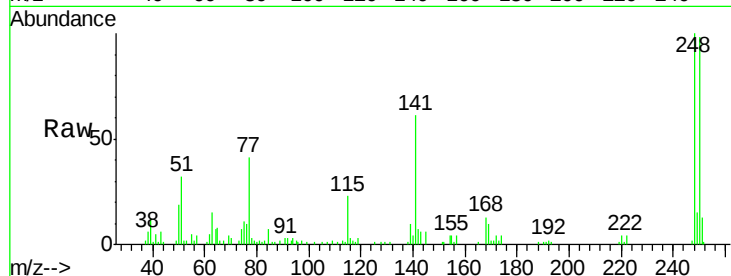
#66
 4-Bromophenyl-phenylether
 Concen: 11.71 ng
 RT: 10.81 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.6	117.8
141	61.1	76.0	114.0

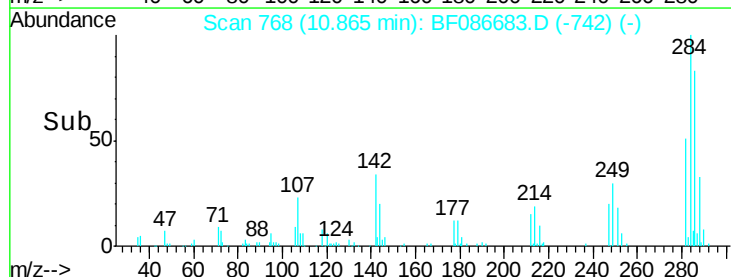
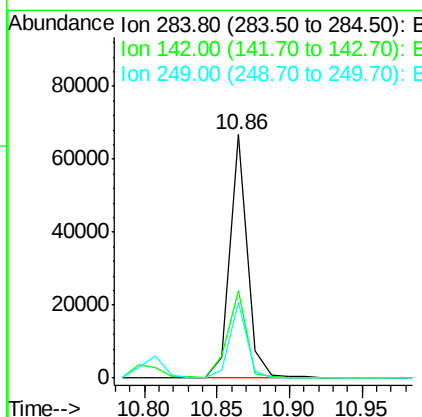
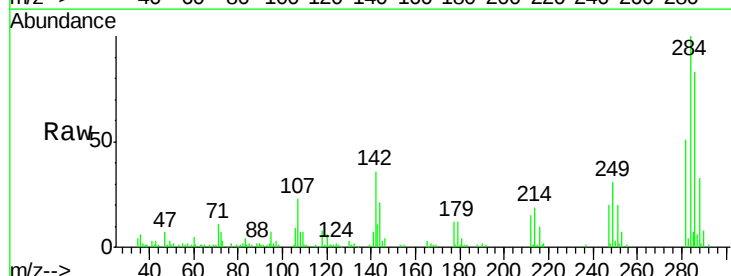
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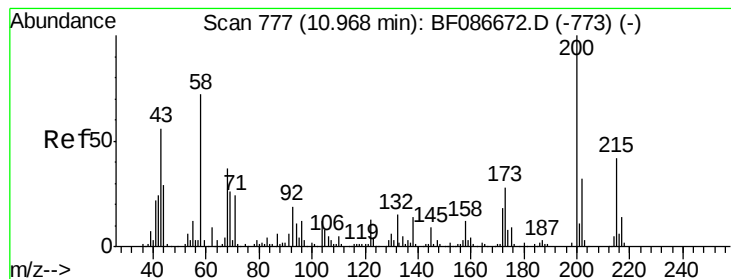
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#67
 Hexachlorobenzene
 Concen: 10.84 ng
 RT: 10.86 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.0	16.7	25.1
249	31.2	21.3	31.9





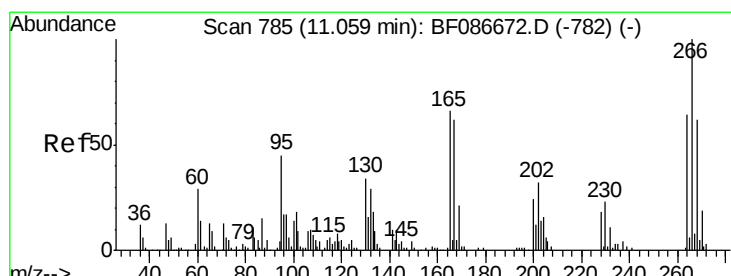
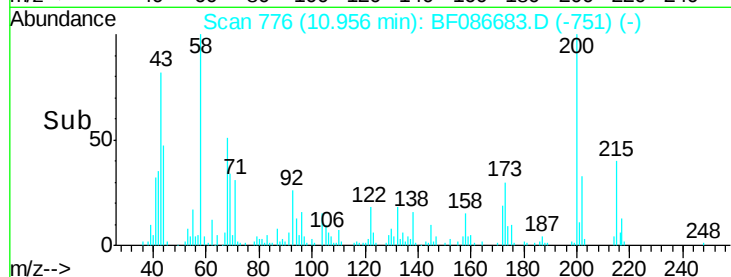
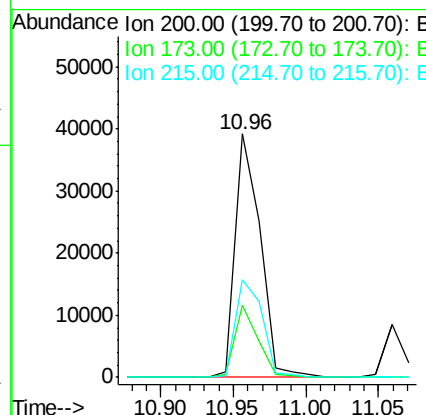
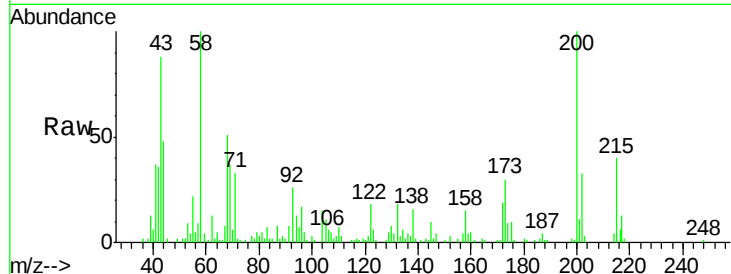
#68
 Atrazine
 Concen: 11.31 ng
 RT: 10.96 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

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

Tot Ion:	200	Resp:	46666
Ion Ratio	Lower	Upper	
200	100		
173	29.8	8.5	48.5
215	40.0	27.2	67.2

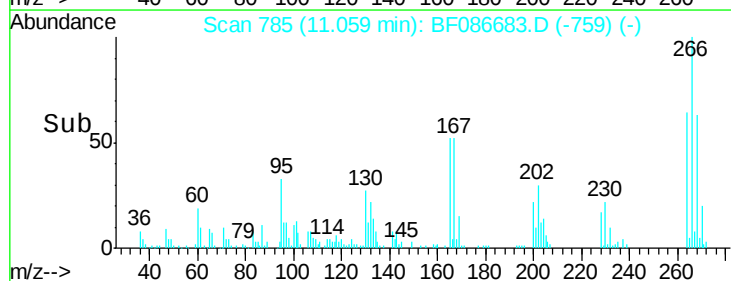
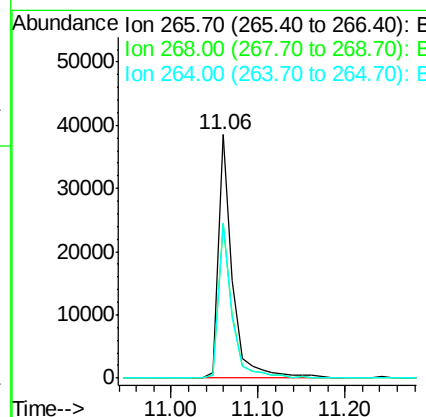
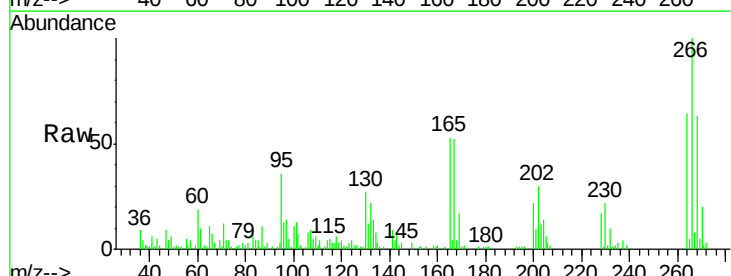
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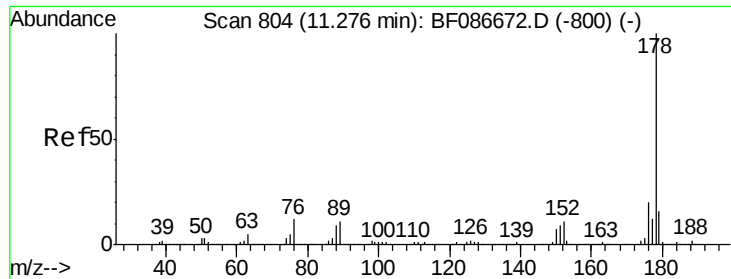
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#69
 Pentachlorophenol
 Concen: 22.24 ng
 RT: 11.06 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

Tgt Ion:	266	Resp:	44142
Ion Ratio	Lower	Upper	
266	100		
268	63.2	51.5	77.3
264	63.5	52.9	79.3





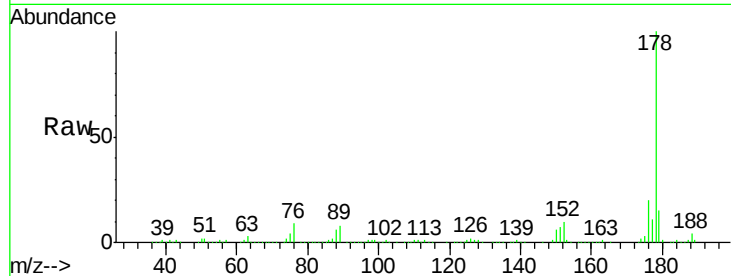
#70
Phenanthrene
Concen: 11.14 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

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

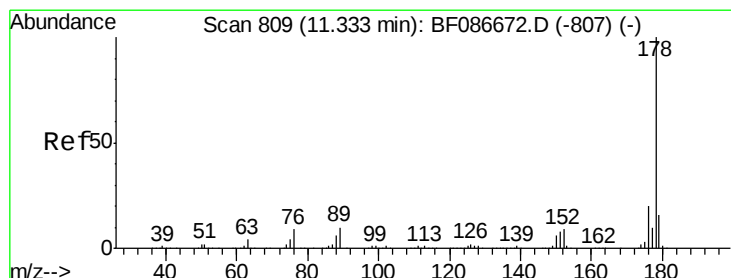
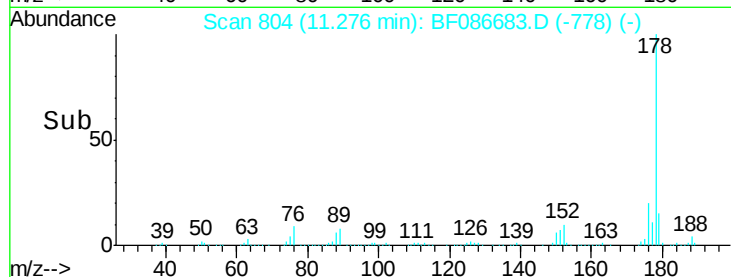
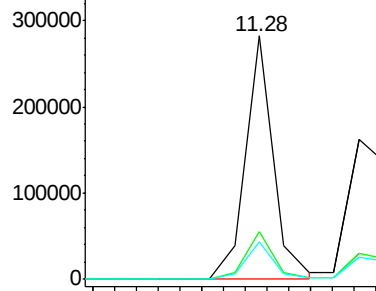
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	15.5	12.6	18.8

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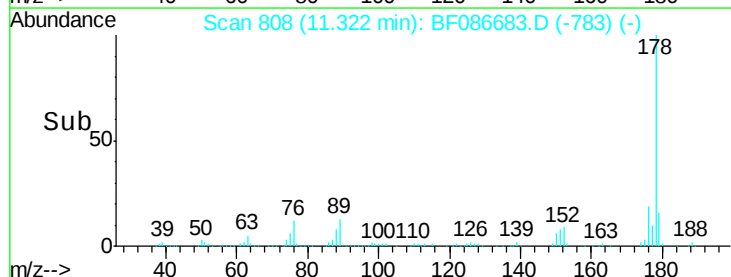
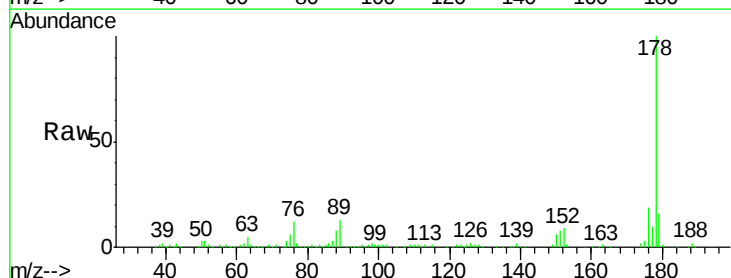
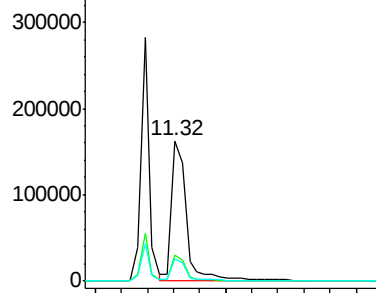
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

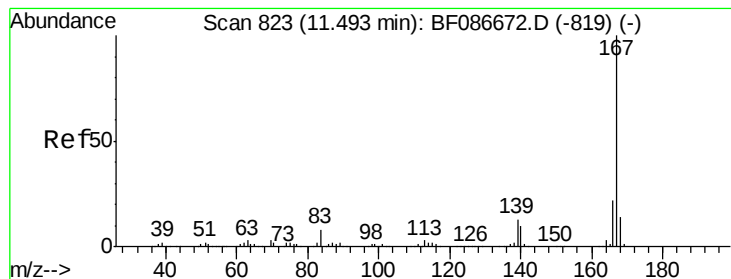


#71
Anthracene
Concen: 10.73 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	15.6	12.7	19.1

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: 10.45 ng

RT: 11.48 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

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

Tot Ion:167 Resp: 216398

Ion Ratio Lower Upper

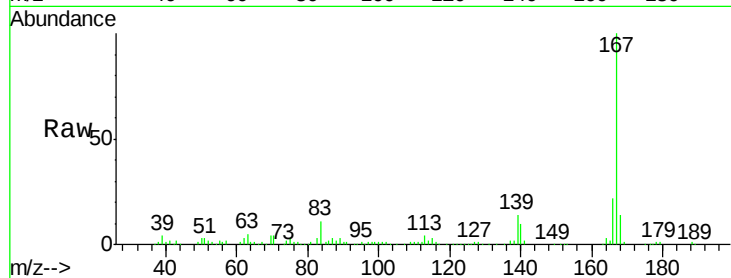
167 100

166 21.7 17.7 26.5

139 14.2 10.8 16.2

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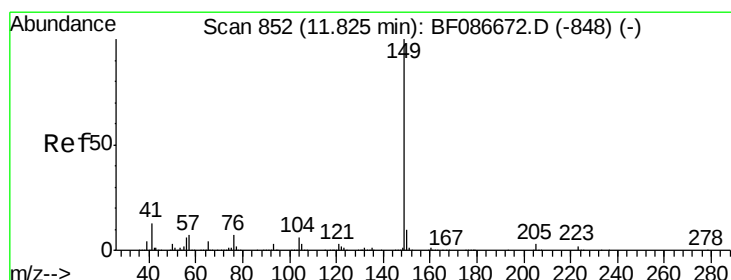
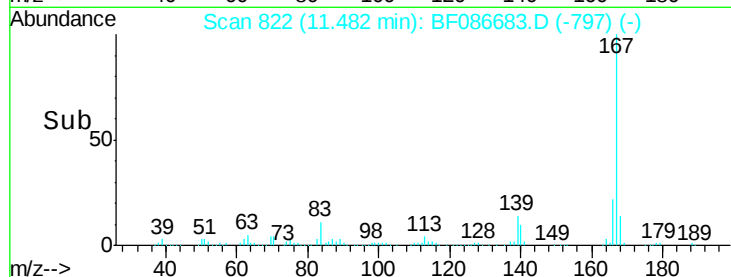
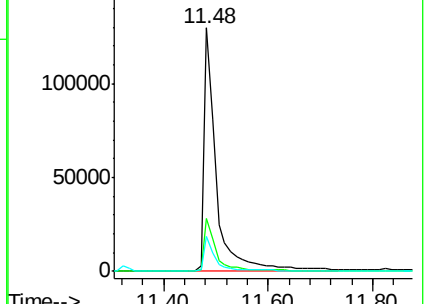
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 11.67 ng

RT: 11.82 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

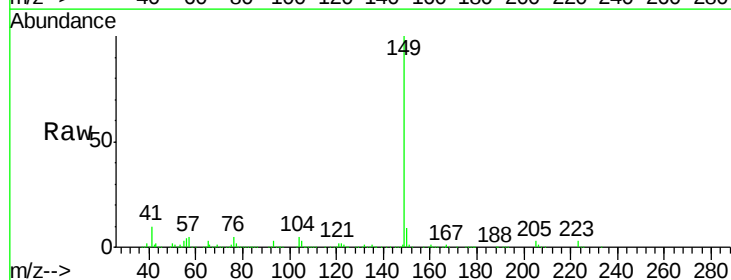
Tgt Ion:149 Resp: 286801

Ion Ratio Lower Upper

149 100

150 8.8 7.6 11.4

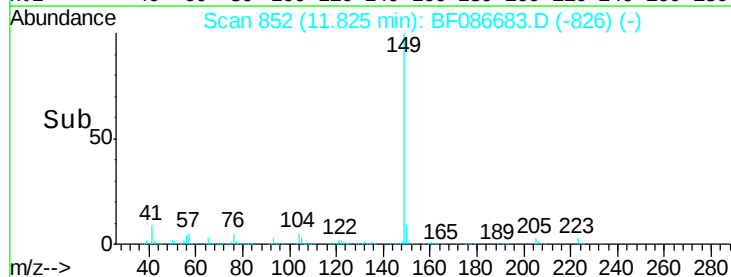
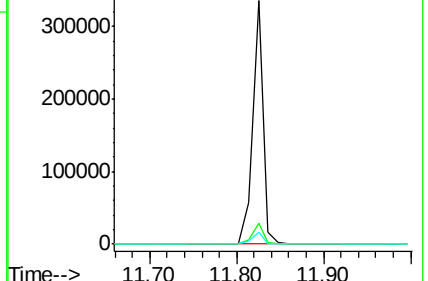
104 4.9 3.8 5.6

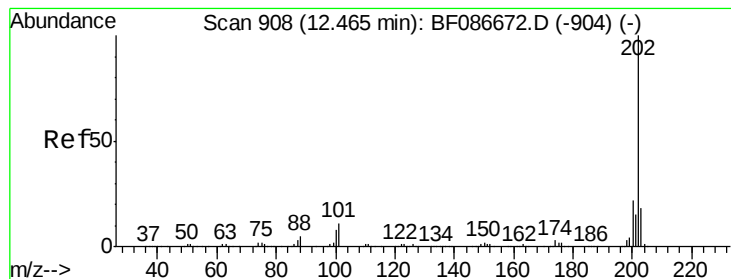


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 10.52 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

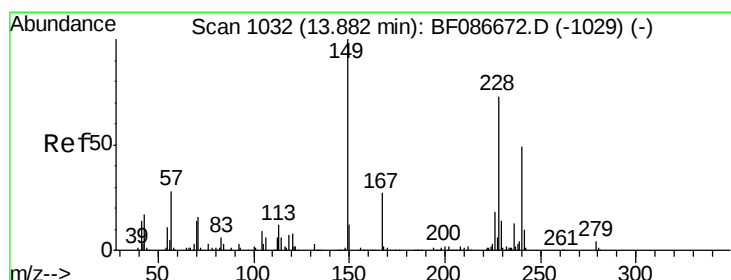
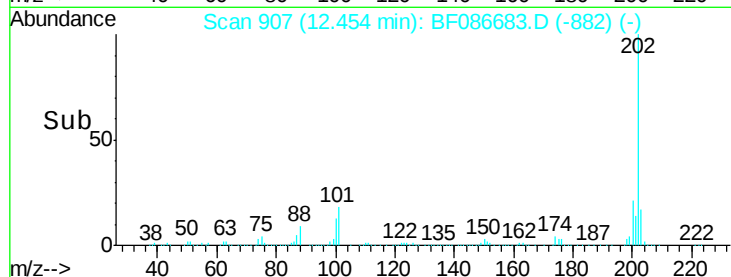
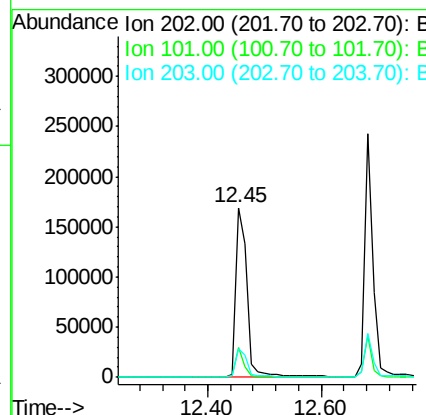
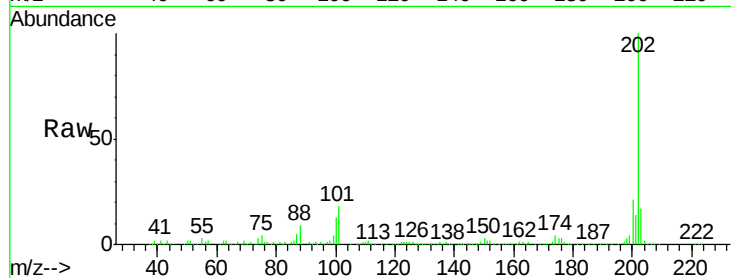
ClientSampleId :

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

Tot Ion:	202	Resp:	240119
Ion Ratio		Lower	Upper
202	100		
101	17.6	0.0	35.4
203	16.9	0.0	38.1

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#75

Chrysene-d12

Concen: 40.00 ng

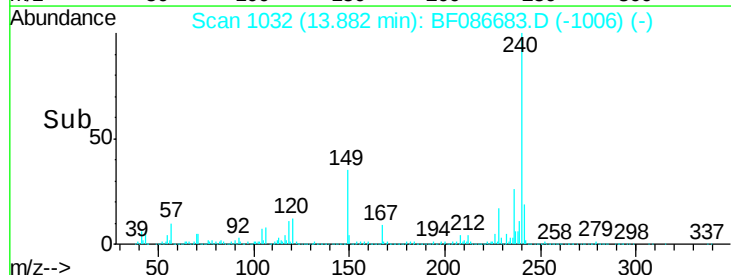
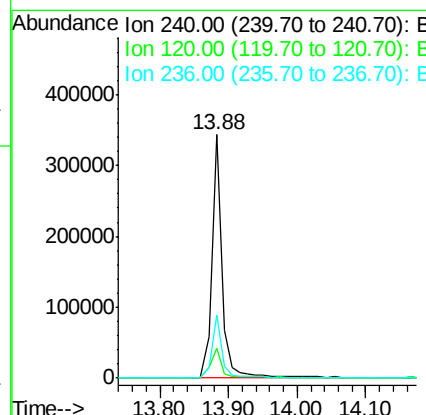
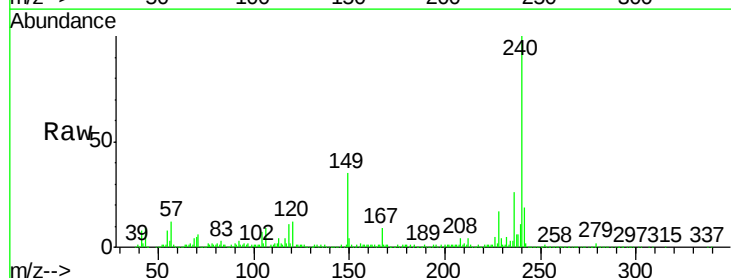
RT: 13.88 min Scan# 1032

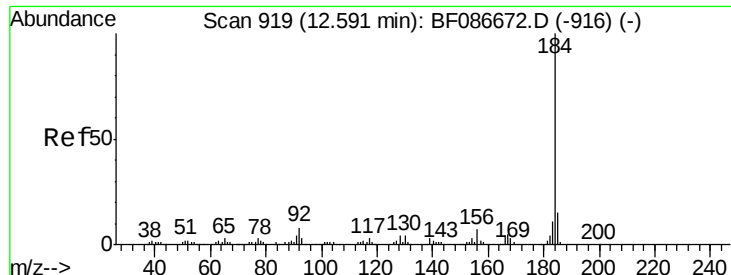
Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Tgt Ion:	240	Resp:	354723
Ion Ratio		Lower	Upper
240	100		
120	12.2	11.2	16.8
236	25.9	21.2	31.8





#76

Benzidine

Concen: 7.80 ng m

RT: 12.60 min Scan# 920

Delta R.T. 0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

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

Tot Ion:184 Resp: 8006

Ion Ratio Lower Upper

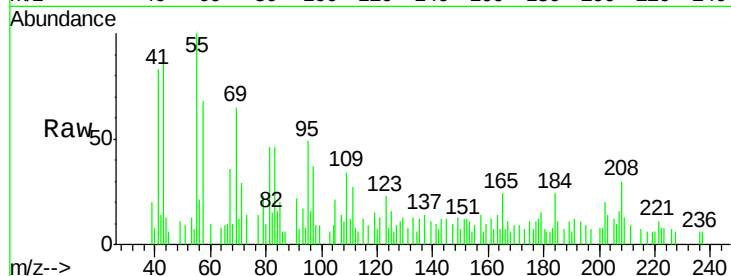
184 100

185 43.7 13.6 20.4#

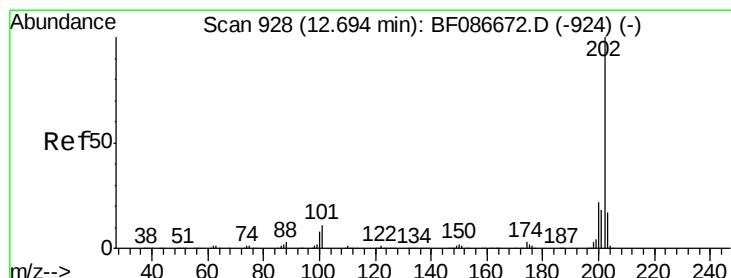
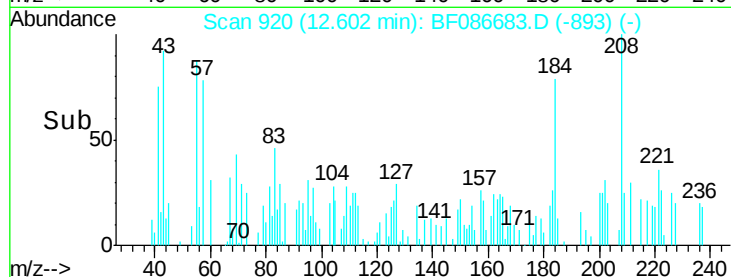
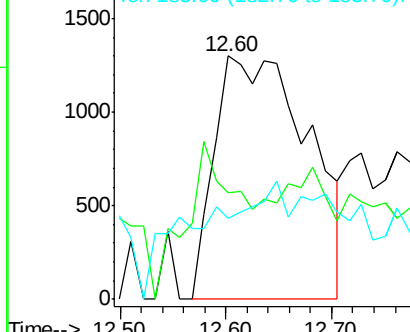
183 33.4 9.8 14.6#

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



#77

Pyrene

Concen: 8.80 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

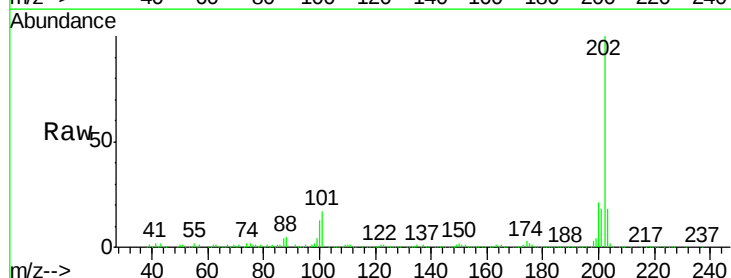
Tgt Ion:202 Resp: 248933

Ion Ratio Lower Upper

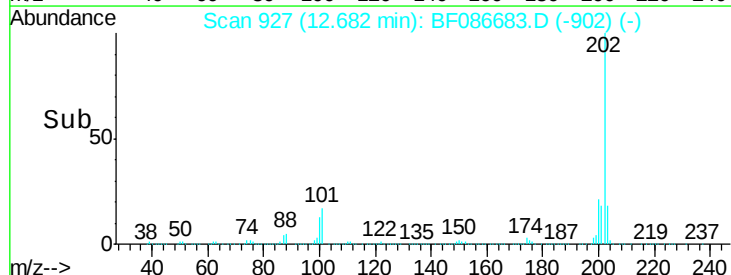
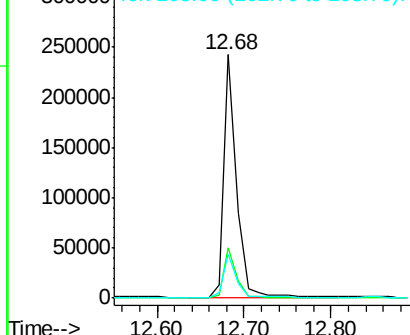
202 100

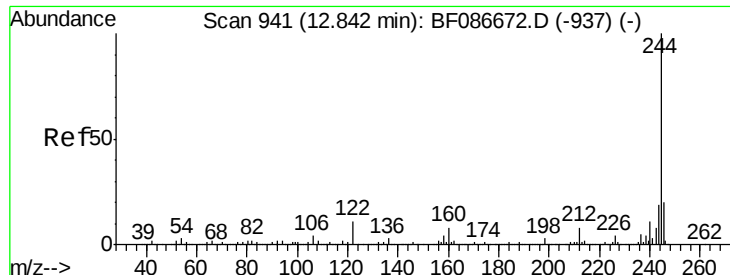
200 20.9 17.7 26.5

203 18.1 14.2 21.4



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





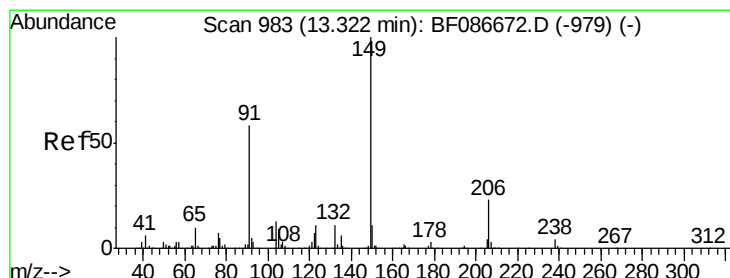
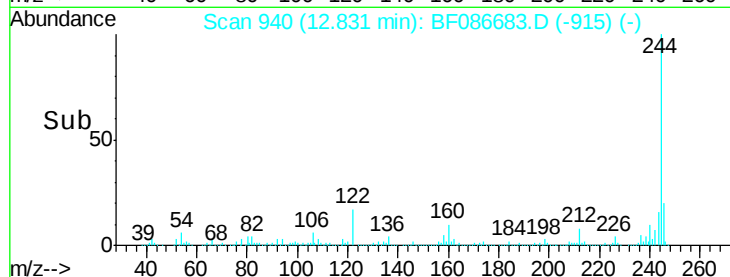
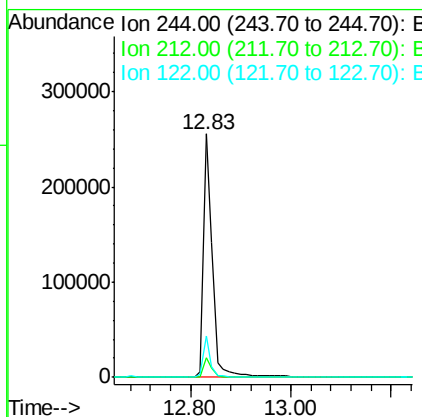
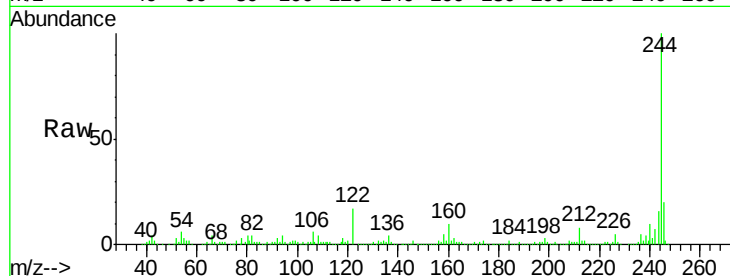
#78
 Terphenyl-d14
 Concen: 17.96 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

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

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	8.0	6.2	9.2	
122	17.2	12.0	18.0	

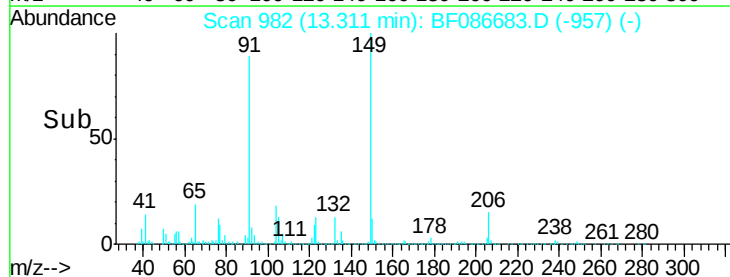
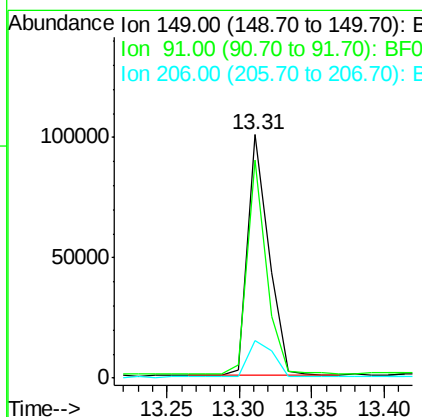
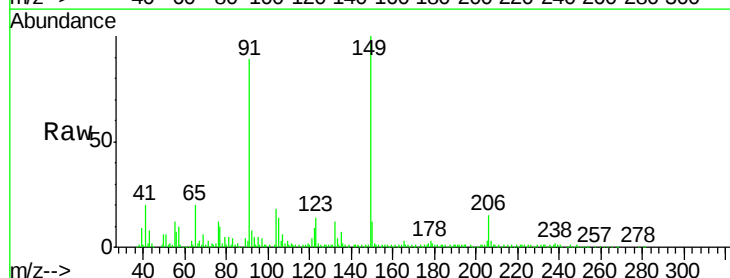
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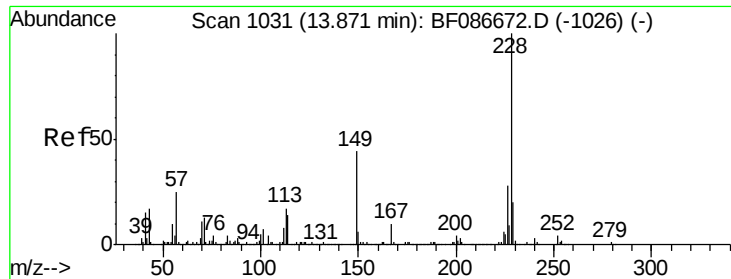
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#79
 Butylbenzylphthalate
 Concen: 8.57 ng
 RT: 13.31 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF086683.D
 Acq: 4 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	89.5	48.0	72.0#	
206	15.3	15.8	23.6#	





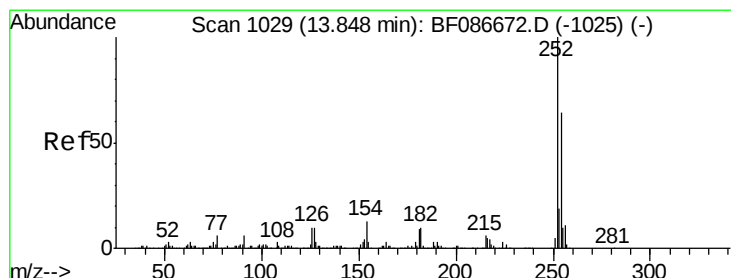
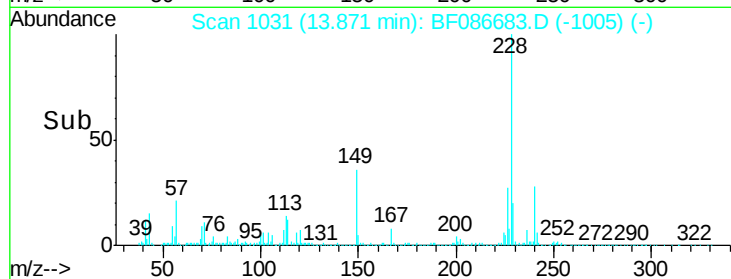
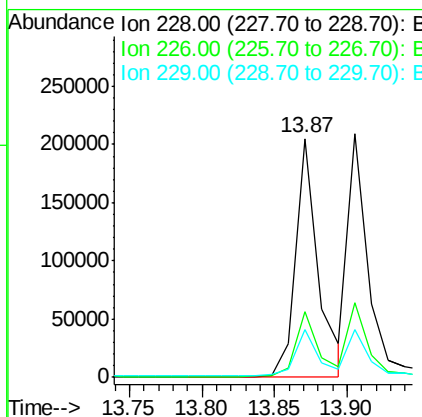
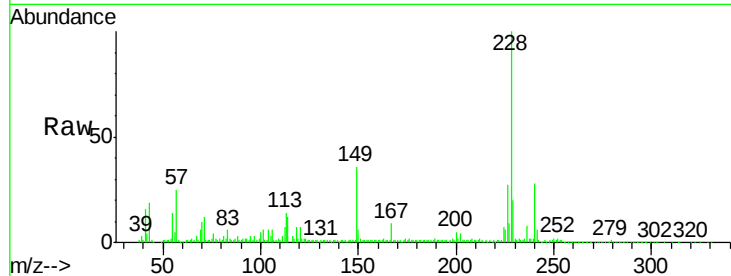
#80
Benzo(a)anthracene
Concen: 10.97 ng
RT: 13.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.5	33.7
229	20.0	16.6	25.0

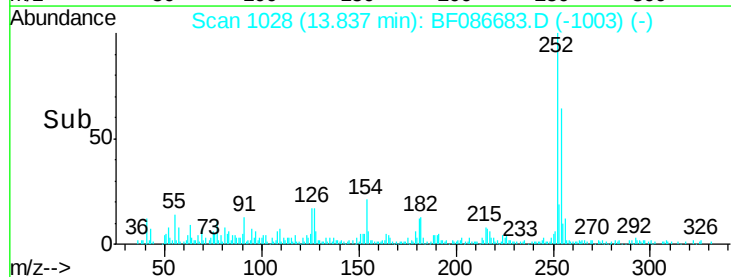
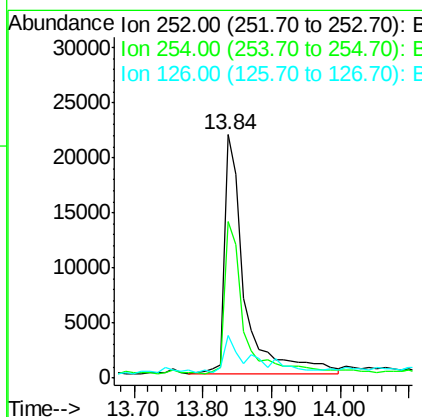
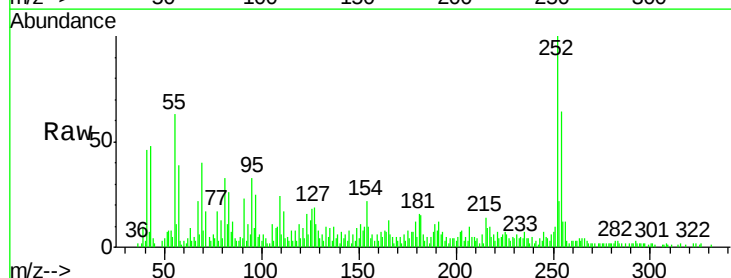
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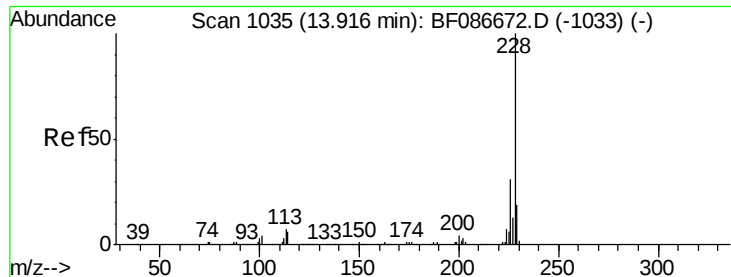
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#81
3,3'-Dichlorobenzidine
Concen: 3.50 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.7	76.1
126	17.8	12.7	19.1





#82

Chrysene

Concen: 10.32 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Instrument :

BNA_F

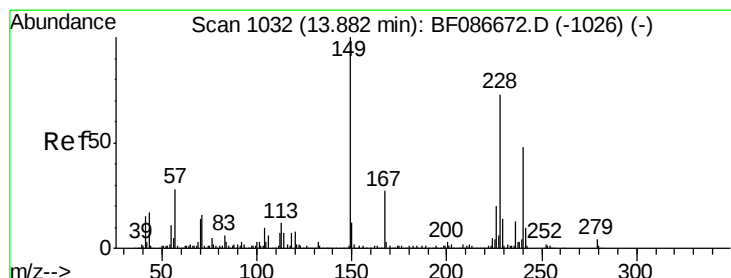
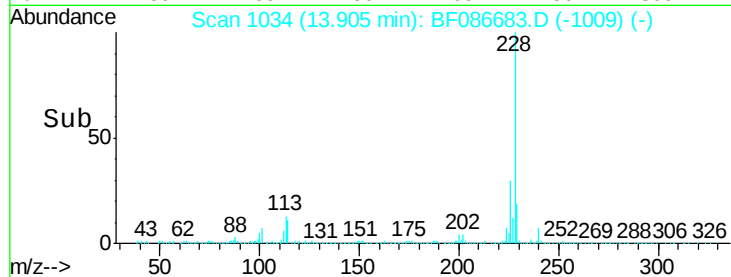
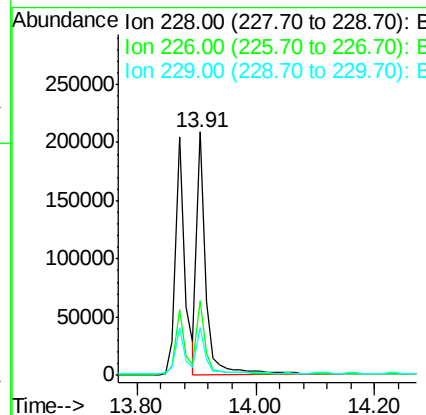
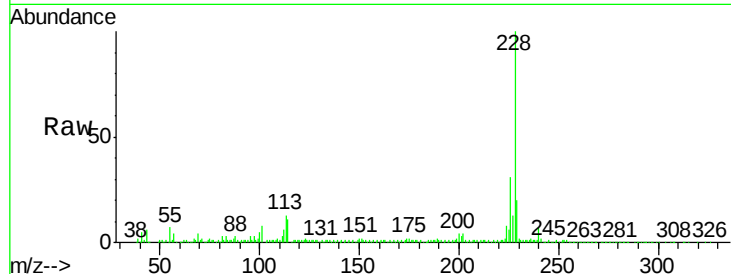
ClientSampleId :

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

Tot Ion:	228	Resp:	220963
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.4	36.6
229	19.7	15.8	23.8

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#83

Bis(2-ethylhexyl)phthalate

Concen: 10.01 ng

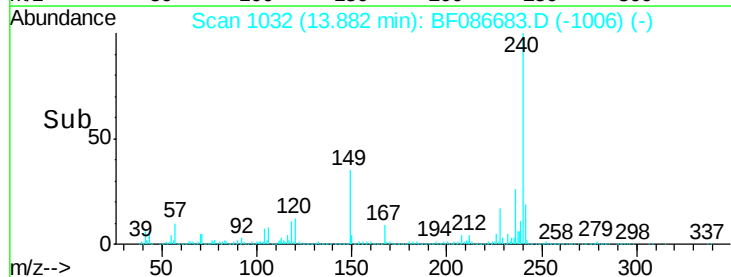
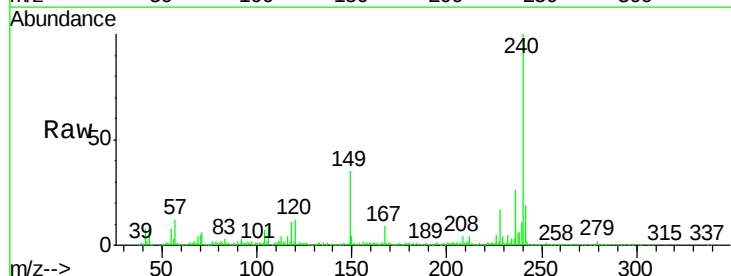
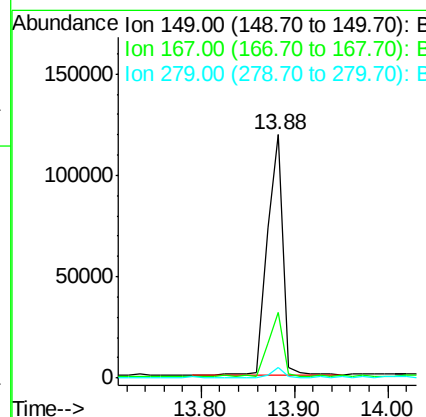
RT: 13.88 min Scan# 1032

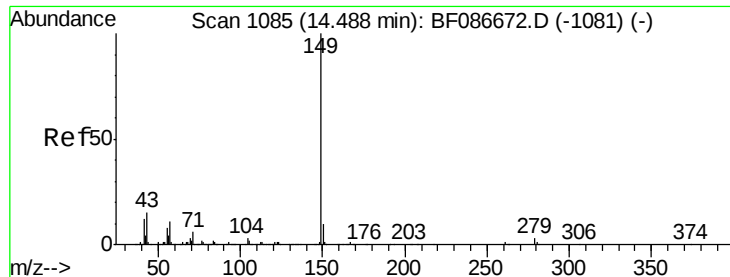
Delta R.T. 0.00 min

Lab File: BF086683.D

Acq: 4 May 2016 18:16

Tgt Ion:	149	Resp:	137171
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.8	32.6
279	4.5	2.6	4.0#





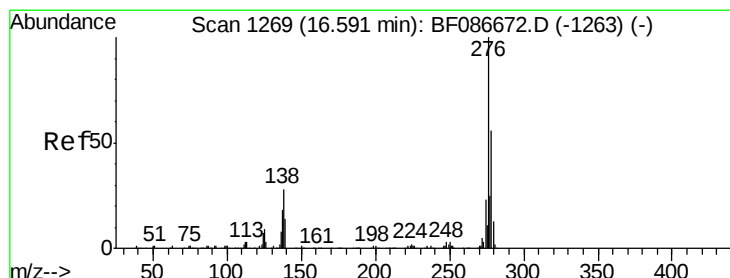
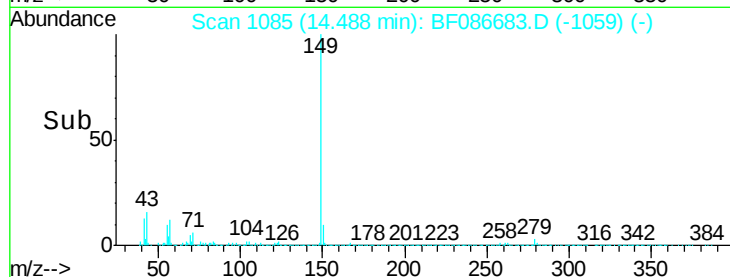
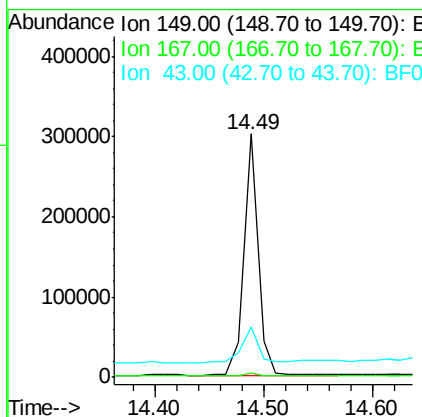
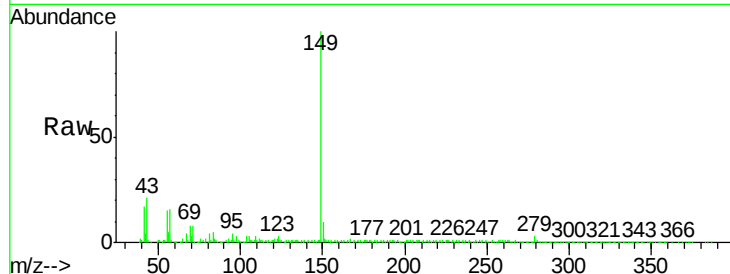
#84
Di-n-octyl phthalate
Concen: 13.34 ng
RT: 14.49 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	269010		
167	2.3	1.2	1.8#	
43	16.5	8.2	12.4#	

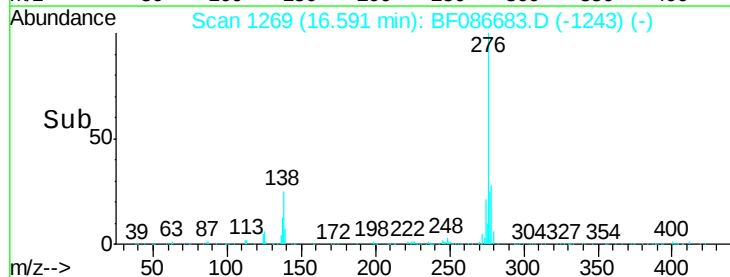
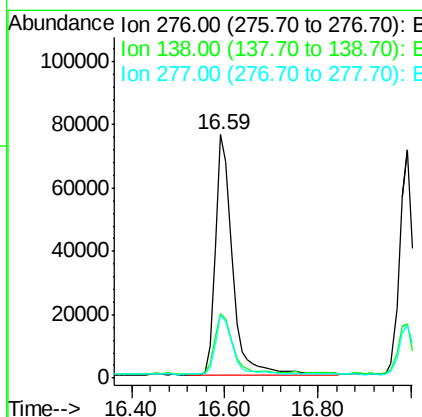
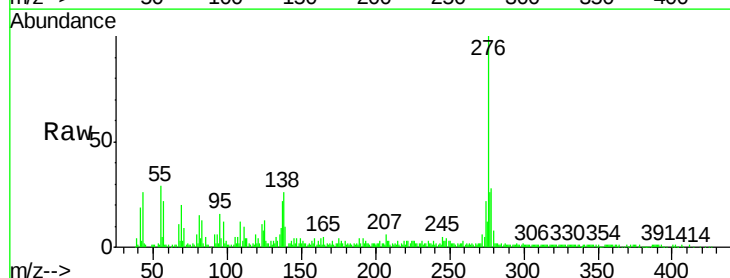
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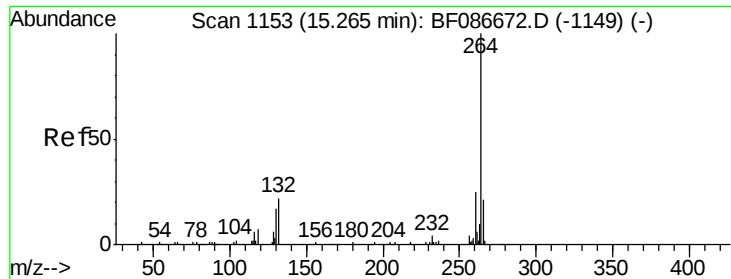
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#85
Indeno(1,2,3-cd)pyrene
Concen: 10.64 ng
RT: 16.59 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	195312		
138	26.1	25.6	38.4	
277	24.8	20.5	30.7	





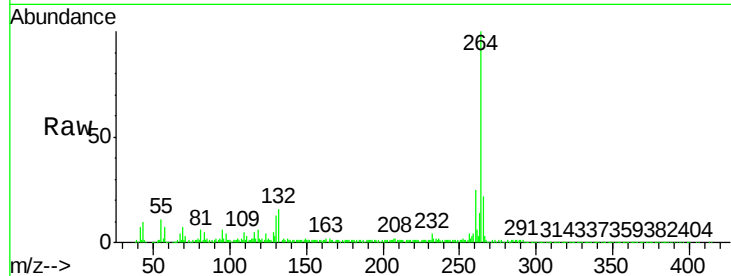
#86
Pervlene-d12
Concen: 40.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

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

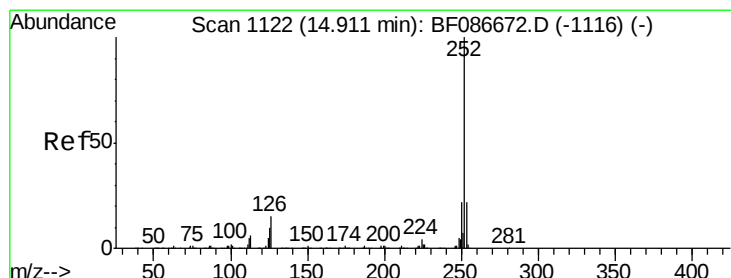
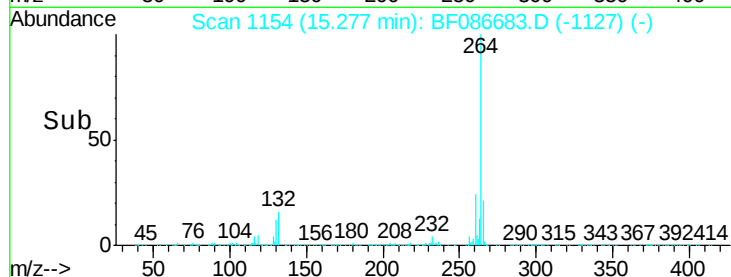
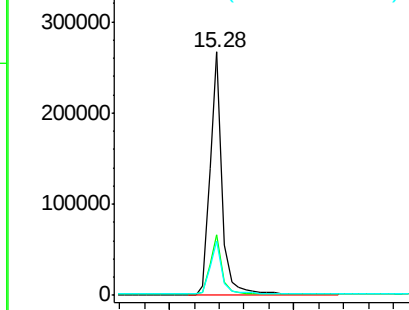
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.0	17.3	25.9

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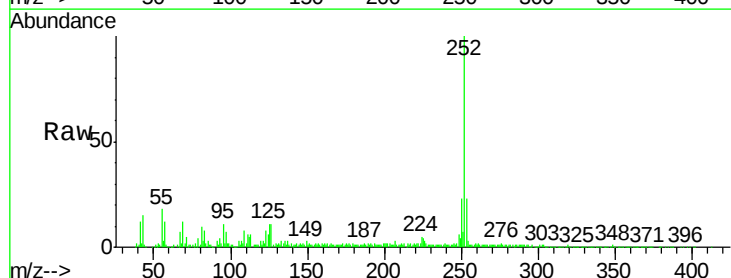


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

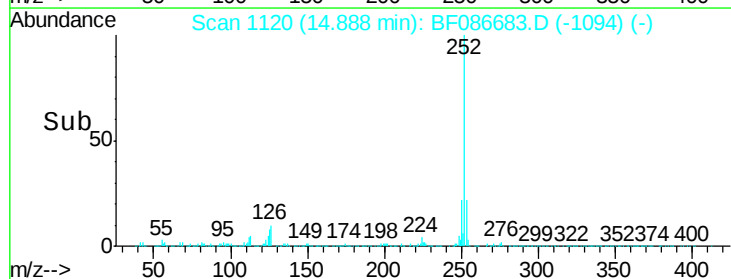
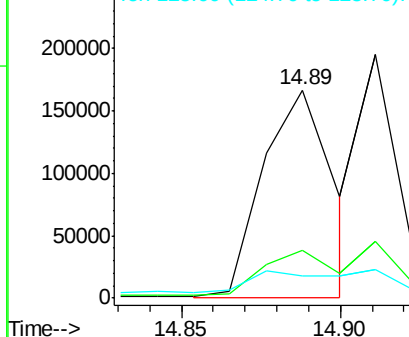


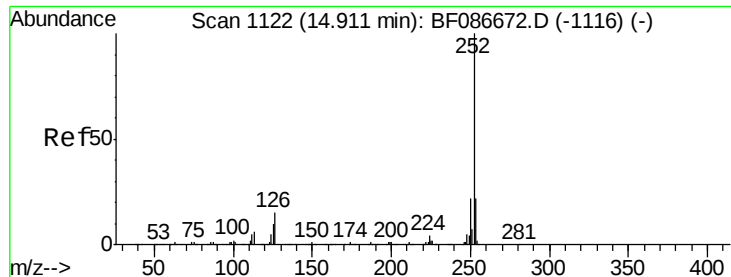
#87
Benzo(b)fluoranthene
Concen: 11.97 ng m
RT: 14.89 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	10.6	11.4	17.0



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





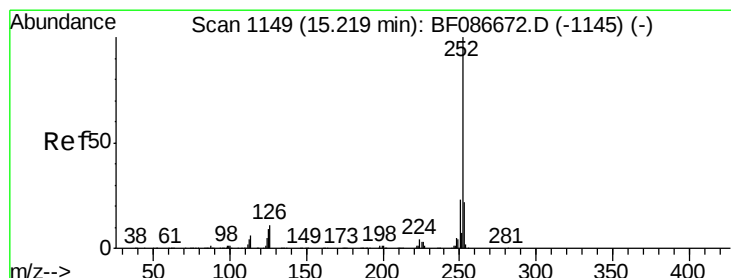
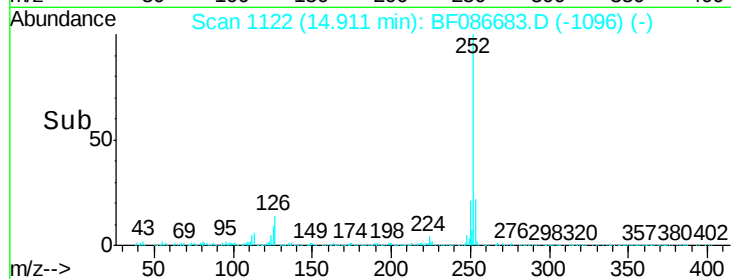
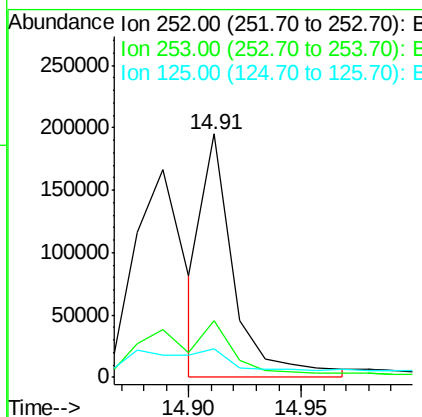
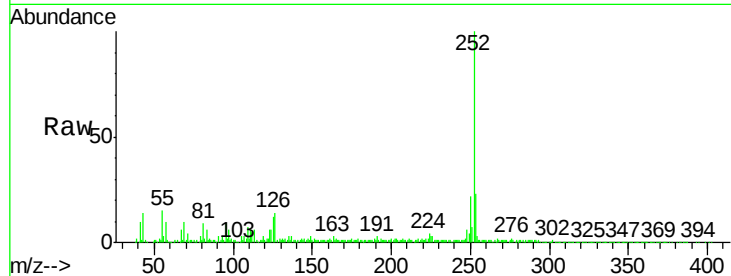
#88
Benzo(k)fluoranthene
Concen: 9.65 ng m
RT: 14.91 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100	192276		
253	23.1	17.8	26.6	
125	11.9	9.1	13.7	

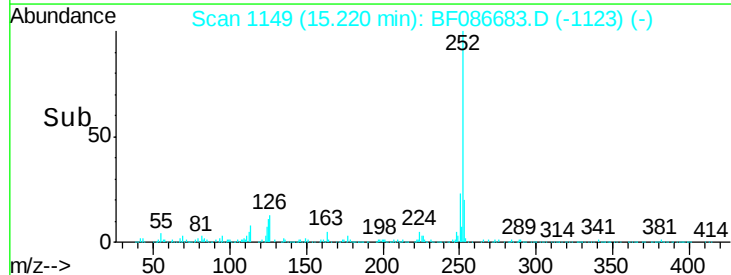
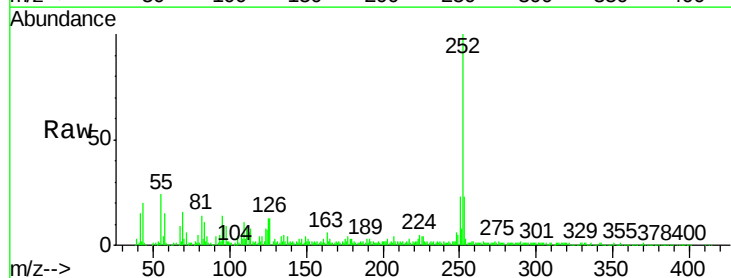
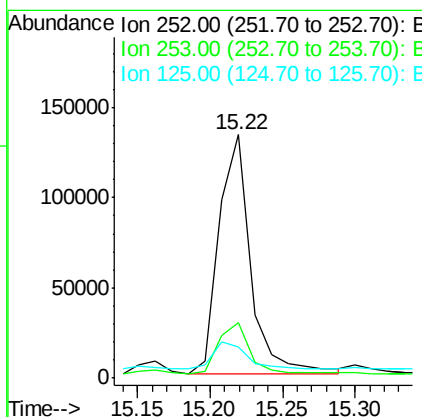
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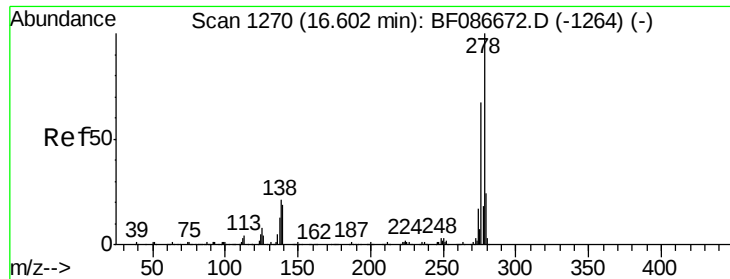
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#89
Benzo(a)pyrene
Concen: 10.32 ng
RT: 15.22 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	200925		
253	23.0	17.2	25.8	
125	13.0	9.0	13.6	





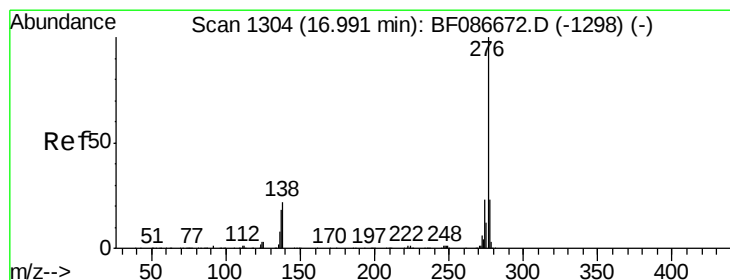
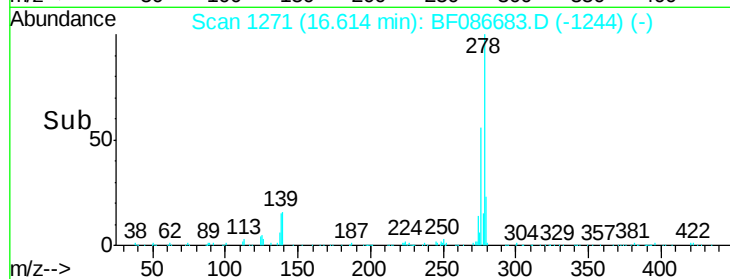
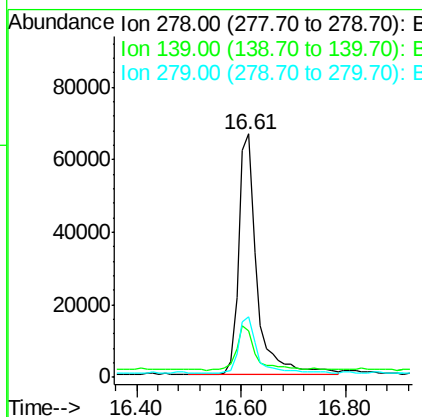
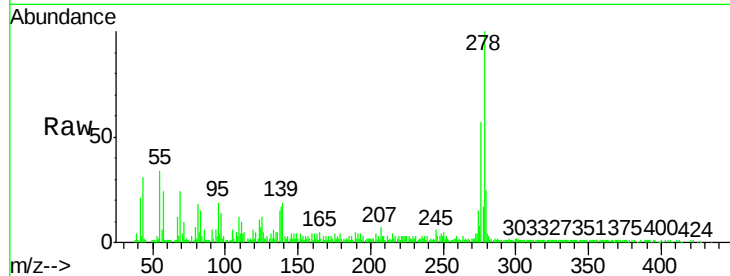
#90
Dibenzo(a,h)anthracene
Concen: 8.64 ng
RT: 16.61 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

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

Tot Ion:	278	Resp:	161606
Ion Ratio	Lower	Upper	
278	100		
139	19.0	16.6	24.8
279	24.8	19.6	29.4

Manual Integrations
APPROVED

sohil
5/5/2016 3:18:52 PM



#91
Benzo(g,h,i)perylene
Concen: 7.68 ng
RT: 16.99 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF086683.D
Acq: 4 May 2016 18:16

Tgt Ion:	276	Resp:	150897
Ion Ratio	Lower	Upper	
276	100		
277	23.2	19.6	29.4
138	23.8	23.6	35.4

