

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
 Data File : BF086678.D
 Acq On : 4 May 2016 15:53
 Operator : UM/SJ
 Sample : H2715-06MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-6(12-25FTBGS)MSD

Manual Integrations
 APPROVED

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 5/5/2016 3:18:50 PM

Quant Time: May 05 01:14:04 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	153801	40.00	ng	0.00
21) Naphthalene-d8	8.02	136	615984	40.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	304515	40.00	ng	0.00
63) Phenanthrene-d10	11.25	188	521581	40.00	ng	0.00
75) Chrysene-d12	13.88	240	313170	40.00	ng	0.00
86) Perylene-d12	15.27	264	286186	40.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1430393	153.97	ng	0.01
7) Phenol-d6	6.38	99	1910114	152.63	ng	0.01
23) Nitrobenzene-d5	7.31	82	1245411	103.90	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	435580	146.22	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1653327	89.00	ng	0.00
78) Terphenyl-d14	12.84	244	1430807	92.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	193348	40.27	ng	# 76
3) Pyridine	3.01	79	521618	44.30	ng	# 73
4) n-Nitrosodimethylamine	2.97	42	385405	53.96	ng	# 55
6) Aniline	6.41	93	604652	39.15	ng	# 88
8) 2-Chlorophenol	6.52	128	529252	47.47	ng	84
9) Benzaldehyde	6.28	77	83415	13.36	ng	98
10) Phenol	6.40	94	591809	43.22	ng	# 39
11) bis(2-Chloroethyl)ether	6.49	93	626484	53.16	ng	98
12) 1,3-Dichlorobenzene	6.68	146	558620	47.19	ng	99
13) 1,4-Dichlorobenzene	6.75	146	568026m	46.41	ng	
14) 1,2-Dichlorobenzene	6.91	146	560360	52.58	ng	99
15) Benzyl Alcohol	6.89	79	458362	56.61	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1088696	45.19	ng	89
17) 2-Methylphenol	7.01	107	487546	54.31	ng	# 92
18) Hexachloroethane	7.25	117	218860	47.36	ng	# 84
19) n-Nitroso-di-n-propylamine	7.16	70	424464	49.64	ng	# 70
20) 3+4-Methylphenols	7.16	107	549093	52.24	ng	# 88
22) Acetophenone	7.15	105	779437	54.30	ng	95
24) Nitrobenzene	7.32	77	612026	49.39	ng	95
25) Isophorone	7.57	82	1181180	52.91	ng	96
26) 2-Nitrophenol	7.64	139	292084	52.82	ng	# 75
27) 2,4-Dimethylphenol	7.69	122	500516	51.55	ng	89
28) bis(2-Chloroethoxy)methane	7.78	93	692210	56.34	ng	98
29) 2,4-Dichlorophenol	7.89	162	471135	56.44	ng	93
30) 1,2,4-Trichlorobenzene	7.97	180	491149	52.74	ng	99
31) Naphthalene	8.04	128	1651160	52.47	ng	99
32) Benzoic acid	7.77	122	16191	11.94	ng	# 80
33) 4-Chloroaniline	8.10	127	439499	36.05	ng	# 93
34) Hexachlorobutadiene	8.17	225	265822	50.27	ng	99
35) Caprolactam	8.49	113	156021m	60.38	ng	
36) 4-Chloro-3-methylphenol	8.59	107	475458m	49.92	ng	
37) 2-Methylnaphthalene	8.74	142	1011016	54.45	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	425864	48.31	ng	99
40) Hexachlorocyclopentadiene	8.89	237	365435	89.19	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	300501	53.61	nq	92
43) 2,4,5-Trichlorophenol	9.07	196	332948	56.86	nq	95
45) 1,1'-Biphenyl	9.21	154	1294550	52.00	nq	98
46) 2-Chloronaphthalene	9.23	162	988125	51.43	nq	99
47) 2-Nitroaniline	9.32	65	355376	52.03	nq	# 75
48) Acenaphthylene	9.64	152	1478756	51.85	nq	99
49) Dimethylphthalate	9.52	163	1392634	61.35	nq	100
50) 2,6-Dinitrotoluene	9.57	165	265792	54.56	nq	97
51) Acenaphthene	9.81	154	931419	49.51	nq	99
52) 3-Nitroaniline	9.73	138	225356	40.69	nq	# 80
53) 2,4-Dinitrophenol	9.85	184	132942	71.50	nq	91
54) Dibenzofuran	9.98	168	1297615	55.65	nq	97
55) 4-Nitrophenol	9.92	139	377643	116.96	nq	# 67
56) 2,4-Dinitrotoluene	9.97	165	292282	48.41	nq	# 81
57) Fluorene	10.33	166	1013562	53.63	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.10	232	246710	57.37	nq	98
59) Diethylphthalate	10.21	149	1107796	51.56	nq	97
60) 4-Chlorophenyl-phenylether	10.32	204	416375	46.34	nq	99
61) 4-Nitroaniline	10.36	138	281963	52.99	nq	88
62) Azobenzene	10.48	77	1224857	51.44	nq	86
64) 4,6-Dinitro-2-methylphenol	10.38	198	161827	57.40	nq	87
65) n-Nitrosodiphenylamine	10.44	169	850962	51.38	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	274654	52.99	nq	94
67) Hexachlorobenzene	10.88	284	318855	50.45	nq	# 94
68) Atrazine	10.98	200	293567	57.84	nq	95
69) Pentachlorophenol	11.07	266	335663	107.28	nq	96
70) Phenanthrene	11.29	178	1460730	52.14	nq	99
71) Anthracene	11.33	178	1437224	48.99	nq	99
72) Carbazole	11.49	167	1448789	56.86	nq	99
73) Di-n-butylphthalate	11.82	149	1434971	47.44	nq	# 98
74) Fluoranthene	12.47	202	1410465	50.24	nq	97
76) Benzidine	12.59	184	508186	57.58	nq	96
77) Pyrene	12.69	202	1491025	59.72	nq	100
79) Butylbenzylphthalate	13.32	149	644259	61.61	nq	97
80) Benzo(a)anthracene	13.87	228	955344	53.94	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	279345	25.10	nq	# 94
82) Chrysene	13.92	228	1091355	57.76	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	724043	59.83	nq	100
84) Di-n-octyl phthalate	14.49	149	1136111	63.80	nq	# 86
85) Indeno(1,2,3-cd)pyrene	16.59	276	985323	60.78	nq	96
87) Benzo(b)fluoranthene	14.89	252	929405m	54.05	nq	
88) Benzo(k)fluoranthene	14.91	252	777405m	47.98	nq	
89) Benzo(a)pyrene	15.22	252	832220	52.54	nq	98
90) Dibenzo(a,h)anthracene	16.61	278	826158	54.29	nq	# 94
91) Benzo(g,h,i)perylene	16.99	276	842352	52.73	nq	94

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

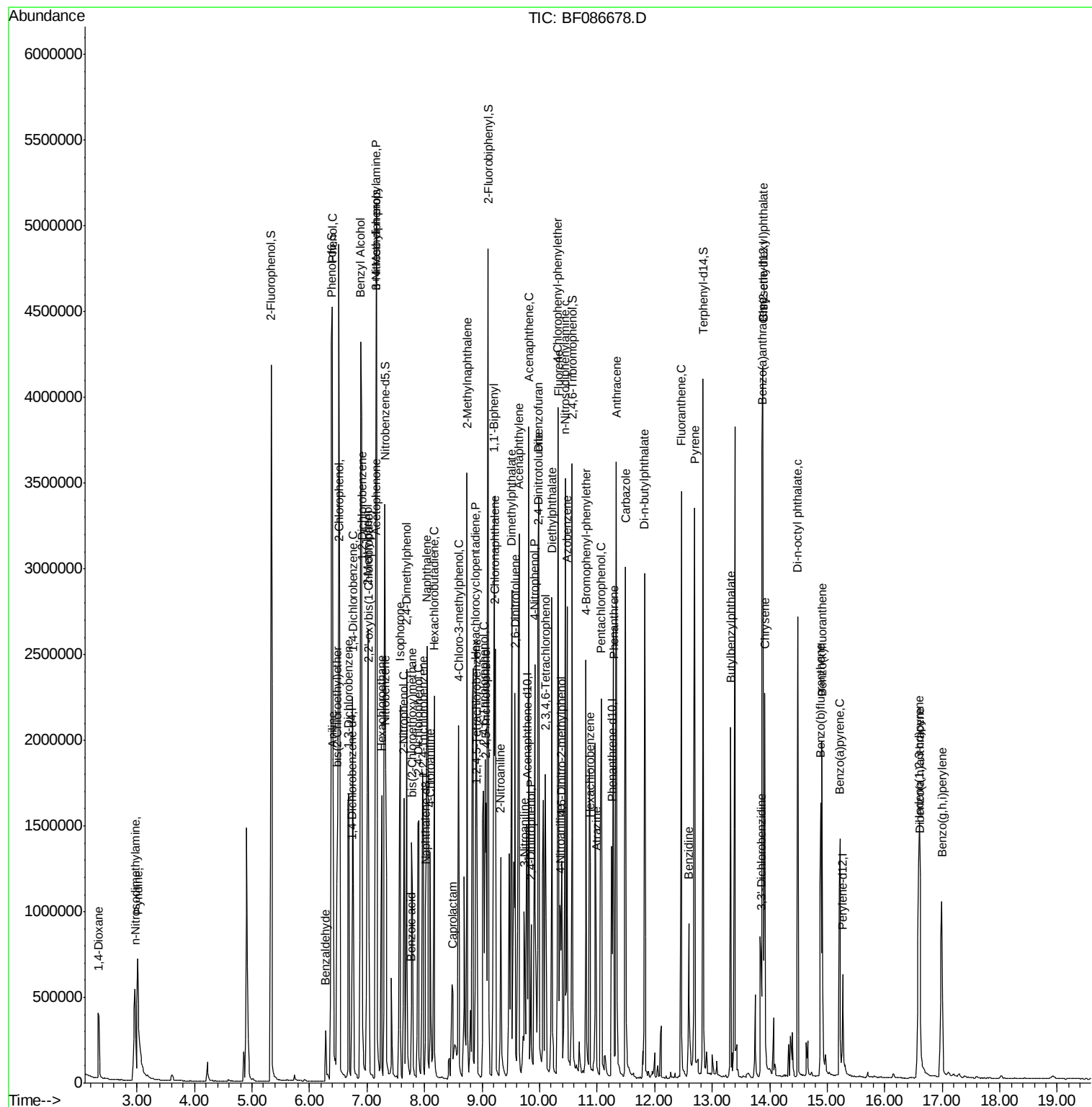
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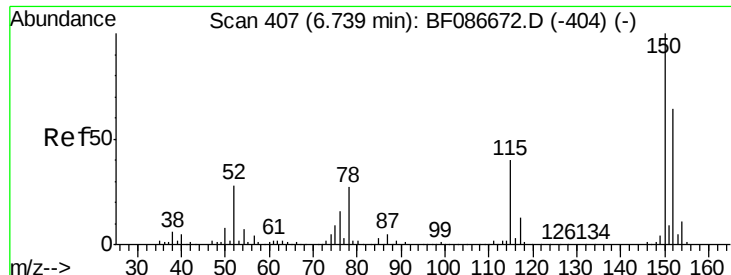
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#1

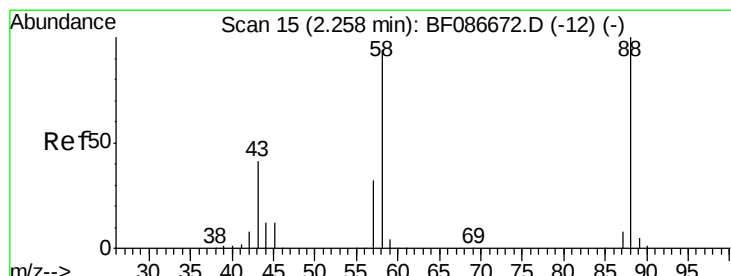
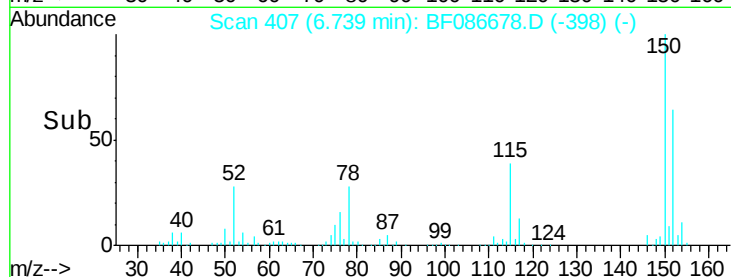
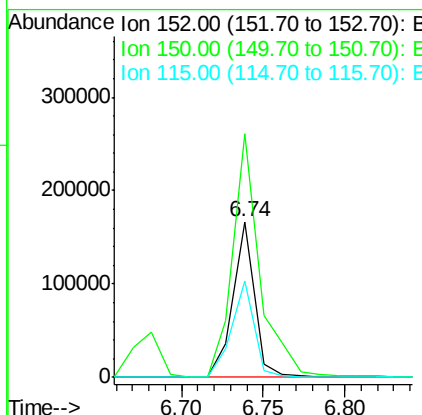
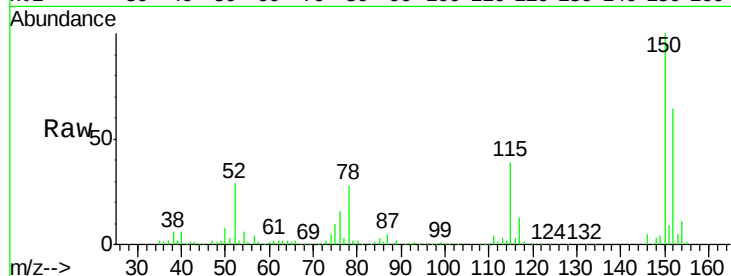
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF086678.D
Acq: 4 May 2016 15:53

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.8	188.6
115	61.9	51.5	77.3

Manual Integrations
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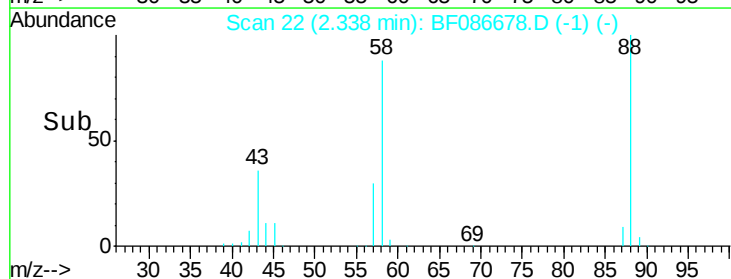
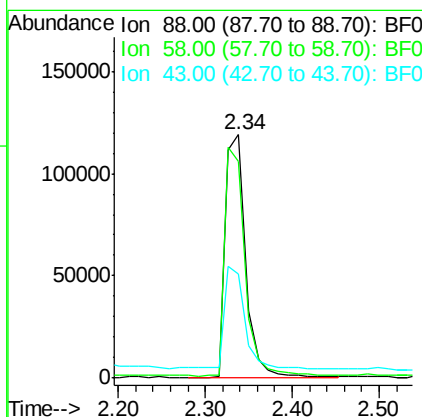
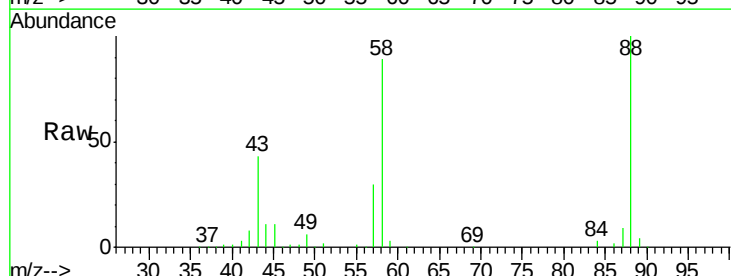
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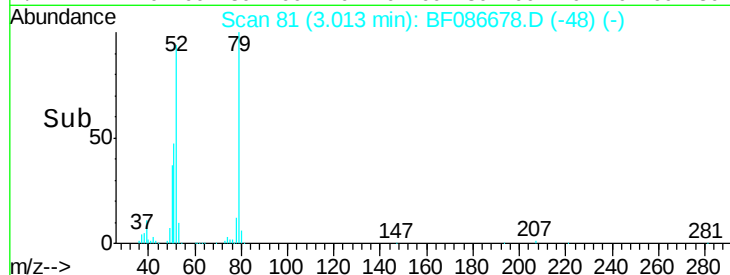
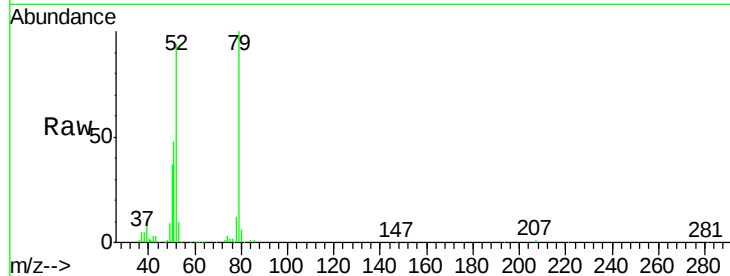
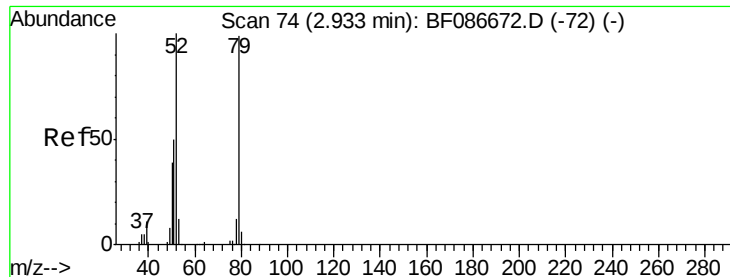


#2

1,4-Dioxane
Concen: 40.27 ng
RT: 2.34 min Scan# 22
Delta R.T. 0.08 min
Lab File: BF086678.D
Acq: 4 May 2016 15:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.6	59.6	89.4#
43	42.7	21.8	32.6#





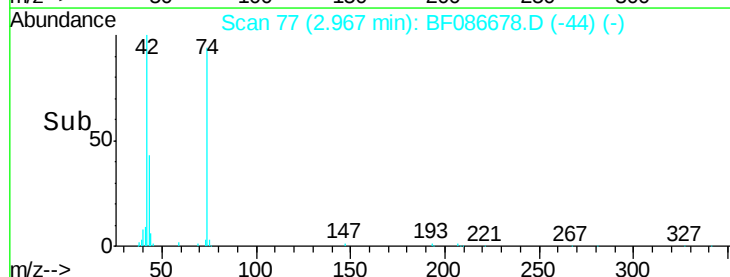
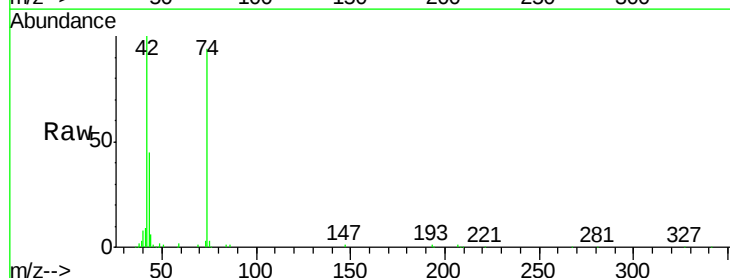
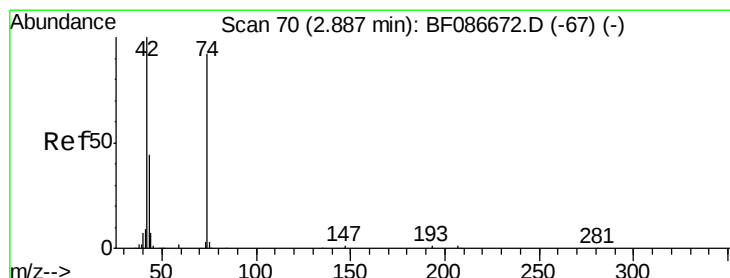
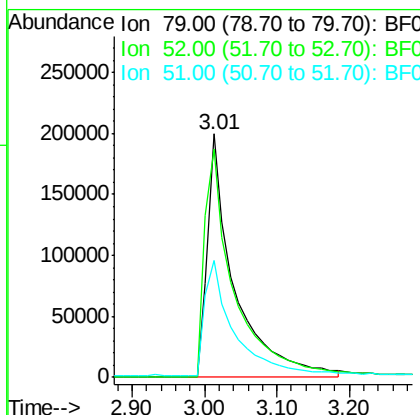
#3
 Pvridine
 Concen: 44.30 ng
 RT: 3.01 min Scan# 81
 Delta R.T. 0.08 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

Tot Ion	Ratio	Lower	Upper
79	100		
52	93.8	55.9	83.9#
51	47.9	28.1	42.1#

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-6(12-25FTBGS)MSD

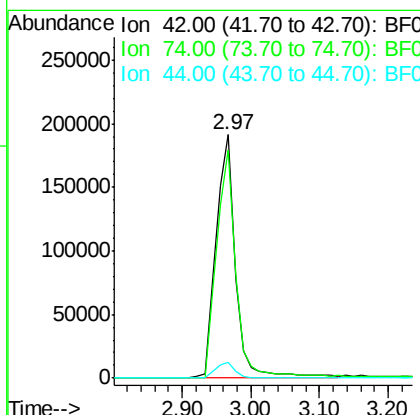
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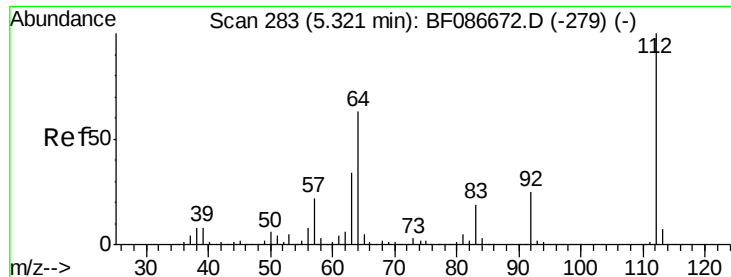
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#4
 n-Nitrosodimethylamine
 Concen: 53.96 ng
 RT: 2.97 min Scan# 77
 Delta R.T. 0.08 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	93.7	123.4	185.0#
44	6.3	5.8	8.6





#5

2-Fluorophenol

Concen: 153.97 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.01 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion:112 Resp: 1430393

Ion Ratio Lower Upper

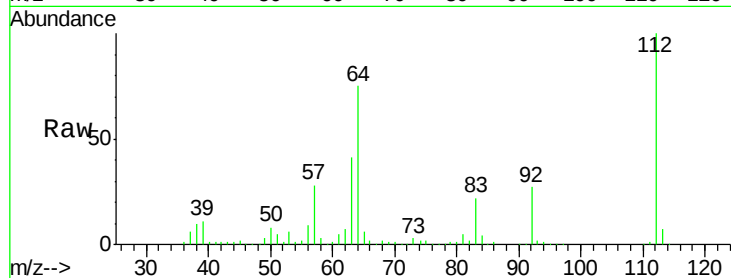
112 100

64 75.2 52.1 78.1

63 41.1 25.7 38.5#

Manual Integrations
APPROVED

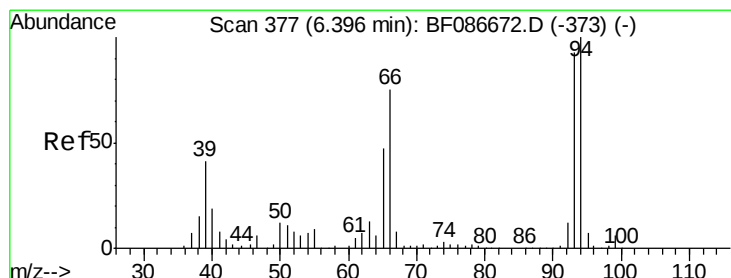
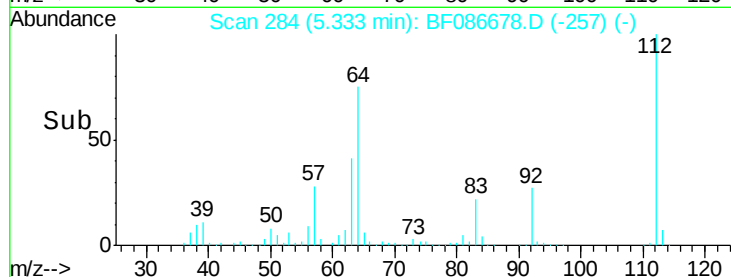
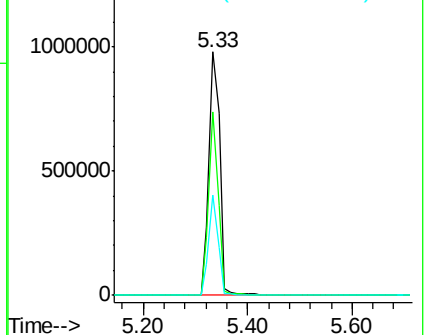
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.15 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

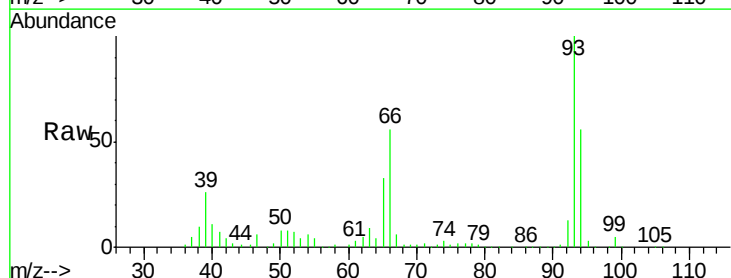
Tgt Ion: 93 Resp: 604652

Ion Ratio Lower Upper

93 100

66 56.4 39.0 58.6

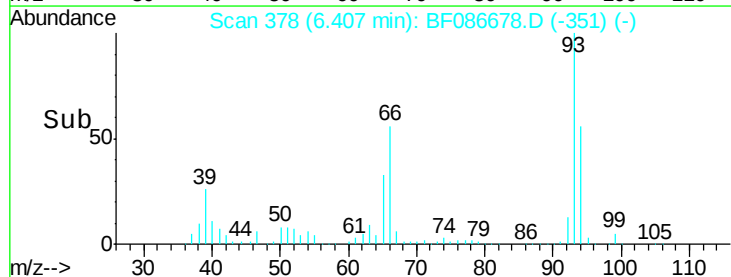
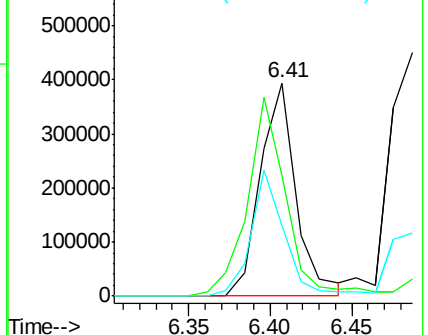
65 33.0 20.6 31.0#

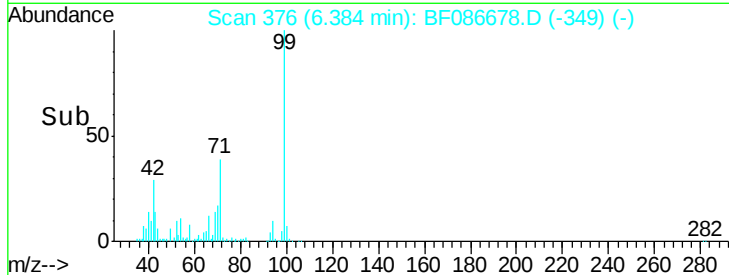
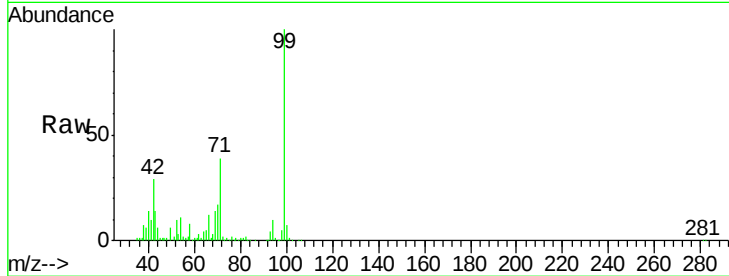
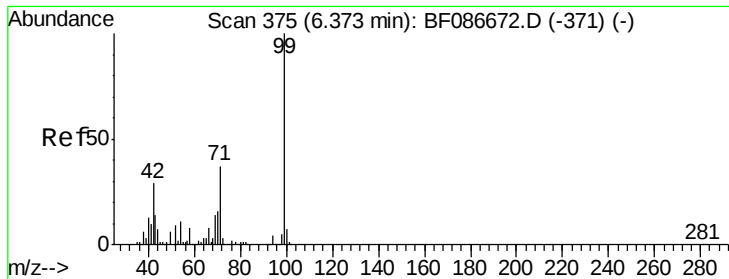


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 152.63 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Tot Ion:	99	Resp:	1910114
Ion	Ratio	Lower	Upper
99	100		
42	29.0	13.6	20.4#
71	38.5	24.6	36.8#

Instrument :

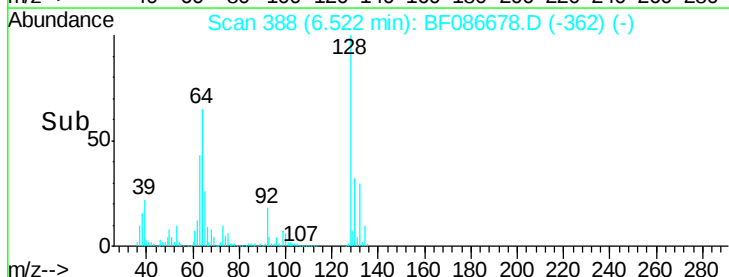
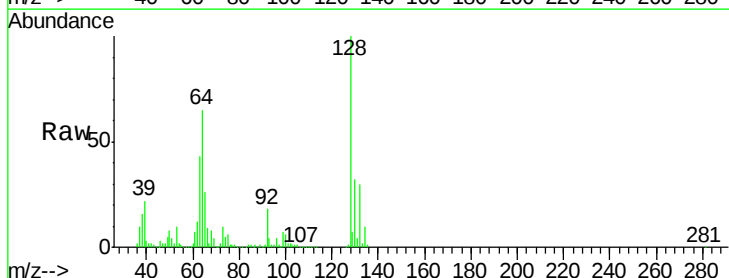
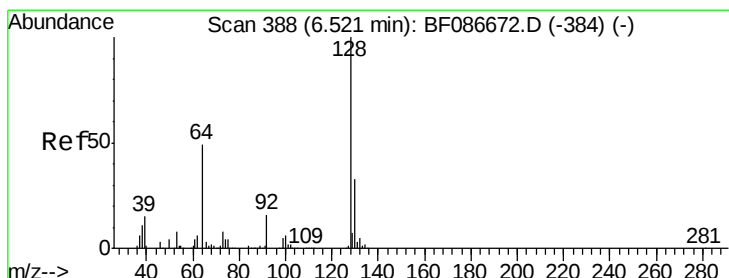
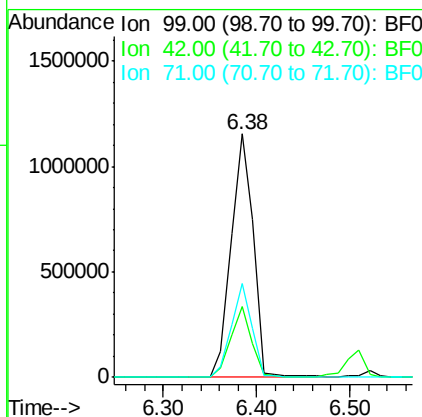
BNA_F

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26WARD-3-CS-6(12-25FTBGS)MSD

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#8

2-Chlorophenol

Concen: 47.47 ng

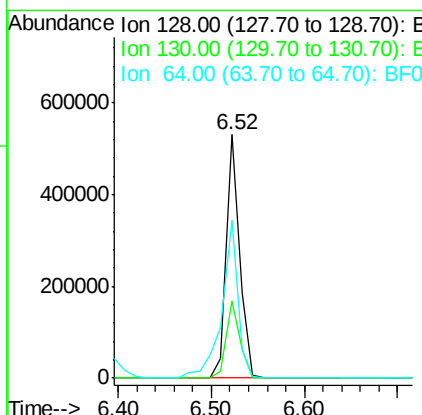
RT: 6.52 min Scan# 388

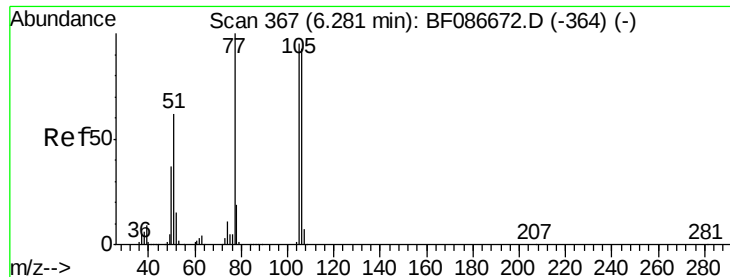
Delta R.T. 0.00 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Tgt Ion:	128	Resp:	529252
Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.5	52.5
64	64.8	27.3	67.3





#9

Benzaldehyde

Concen: 13.36 ng

RT: 6.28 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Instrument :

BNA_F

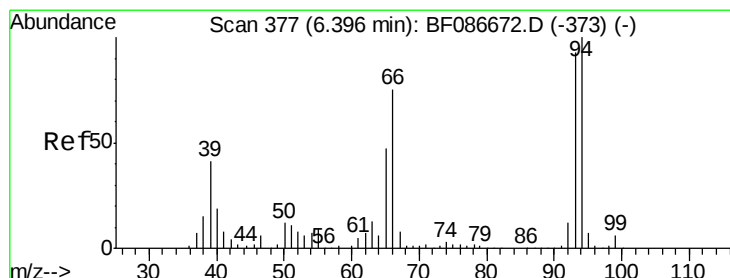
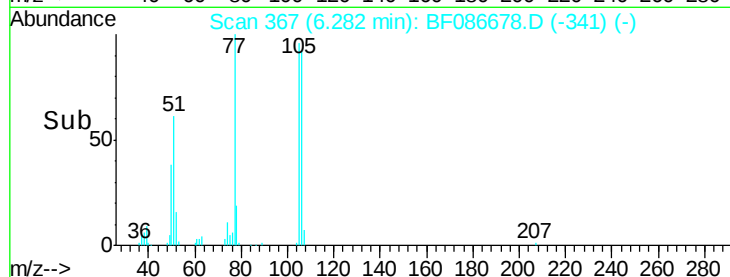
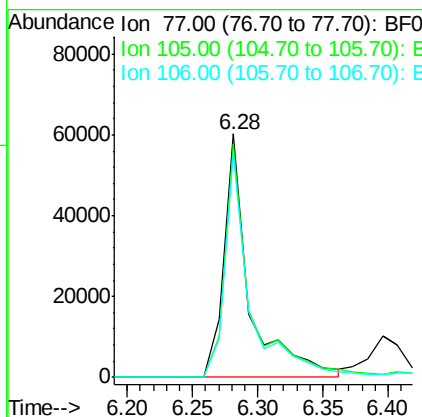
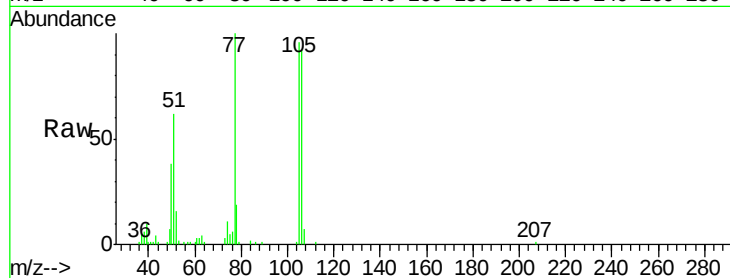
ClientSampleId :

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Tot Ion:	77	Resp:	83415
Ion Ratio	Lower	Upper	
77	100		
105	95.9	72.7	112.7
106	92.1	70.8	110.8



#10

Phenol

Concen: 43.22 ng

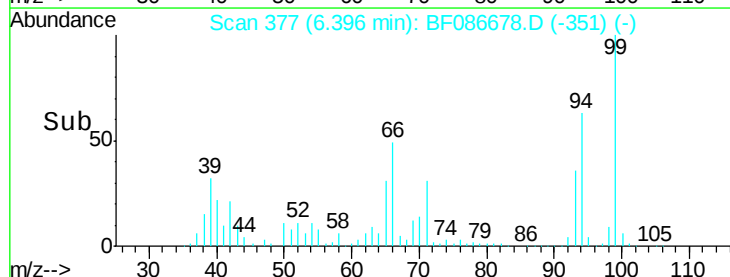
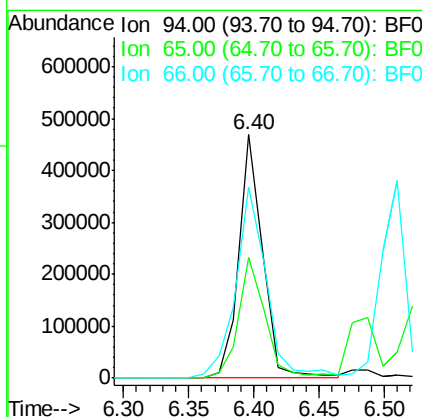
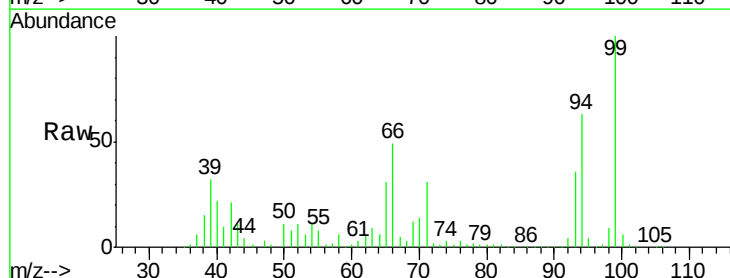
RT: 6.40 min Scan# 377

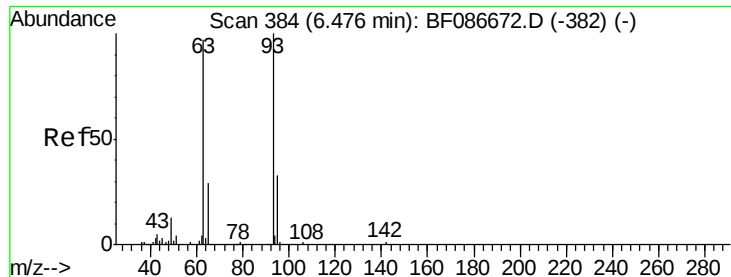
Delta R.T. 0.00 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Tgt Ion:	94	Resp:	591809
Ion Ratio	Lower	Upper	
94	100		
65	49.8	7.2	47.2#
66	78.4	14.9	54.9#





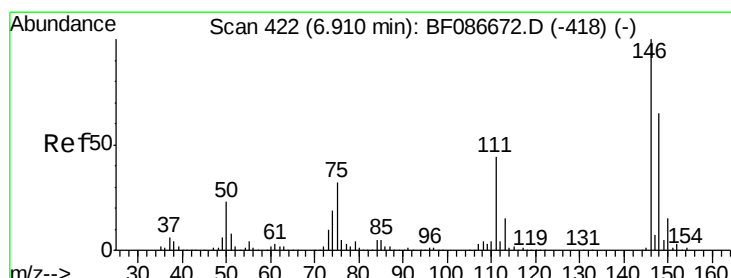
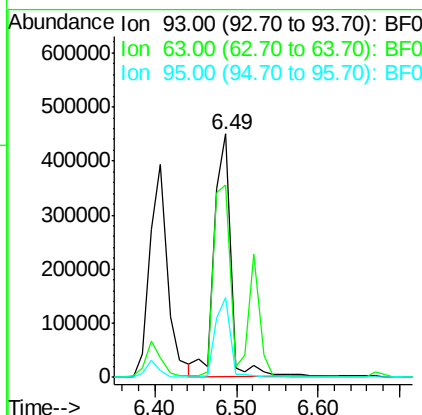
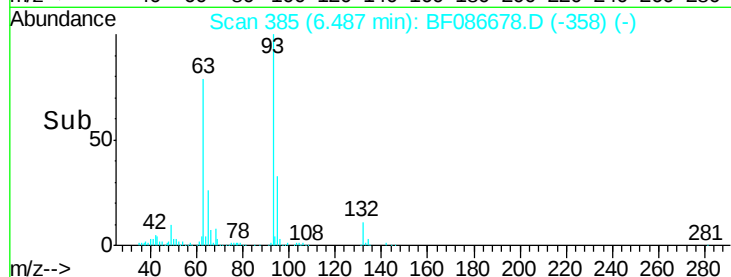
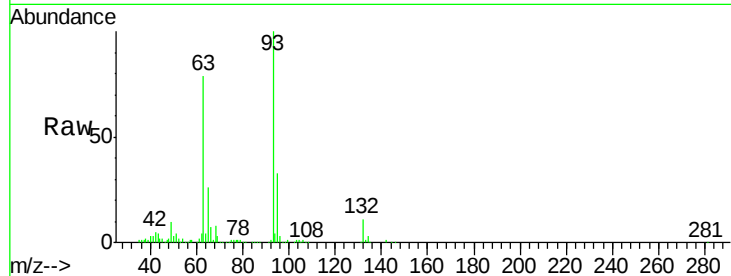
#11
bis(2-Chloroethyl)ether
Concen: 53.16 ng
RT: 6.49 min Scan# 385
Delta R.T. 0.01 min
Lab File: BF086678.D
Acq: 4 May 2016 15:53

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion:	93	Resp:	626484
Ion	Ratio	Lower	Upper
93	100		
63	79.3	58.0	98.0
95	32.9	11.9	51.9

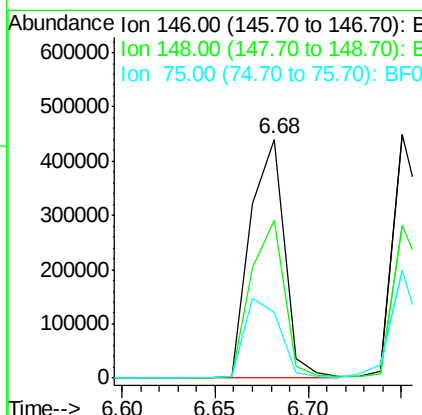
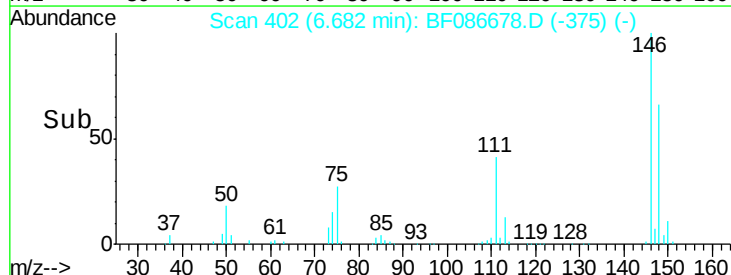
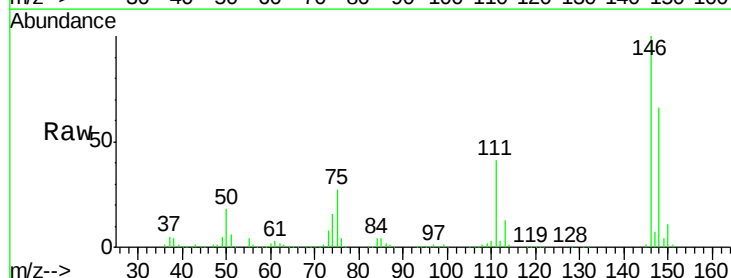
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#12
1,3-Dichlorobenzene
Concen: 47.19 ng
RT: 6.68 min Scan# 402
Delta R.T. 0.01 min
Lab File: BF086678.D
Acq: 4 May 2016 15:53

Tgt Ion:	146	Resp:	558620
Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.4	78.6
75	27.3	22.8	34.2





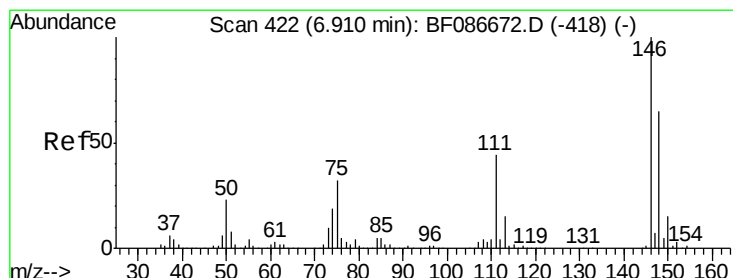
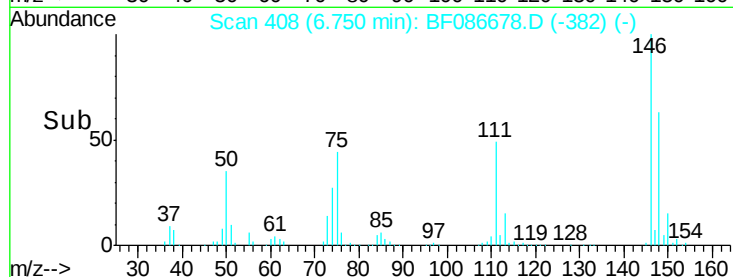
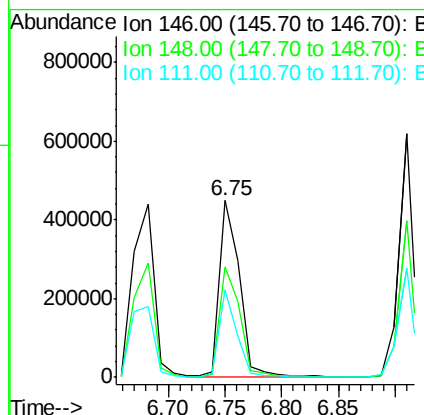
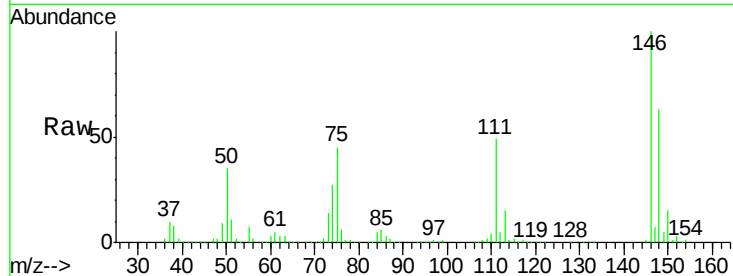
#13
1,4-Dichlorobenzene
Concen: 46.41 ng/mL
RT: 6.75 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF086678.D
Acq: 4 May 2016 15:53

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.2	78.4
111	49.3	30.7	46.1

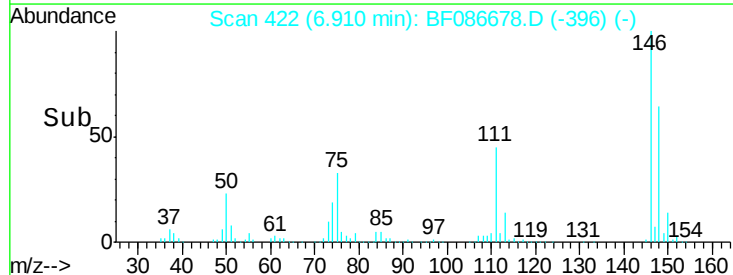
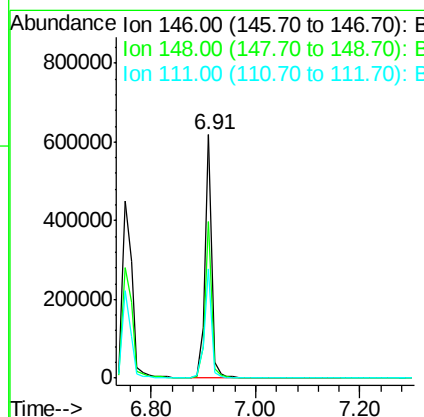
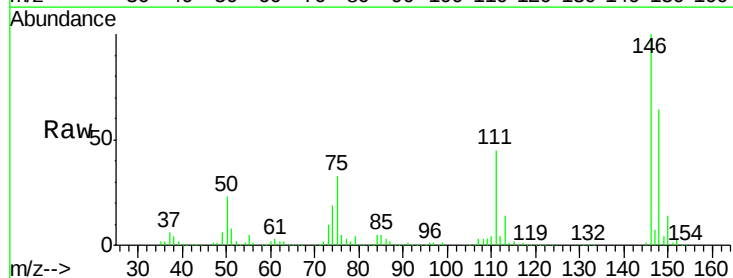
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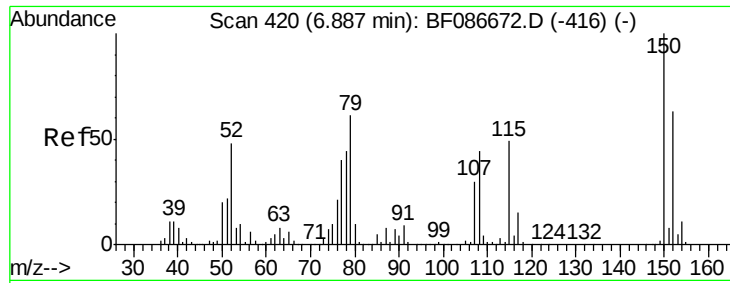
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#14
1,2-Dichlorobenzene
Concen: 52.58 ng/mL
RT: 6.91 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF086678.D
Acq: 4 May 2016 15:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.0	76.6
111	45.0	36.2	54.4





#15

Benzyl Alcohol

Concen: 56.61 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion: 79 Resp: 458362

Ion Ratio Lower Upper

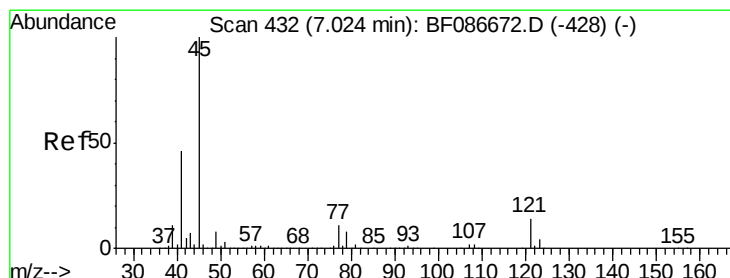
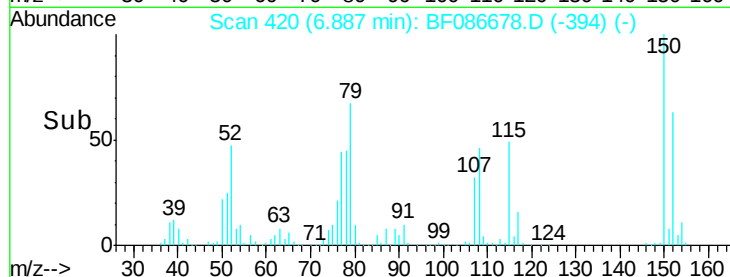
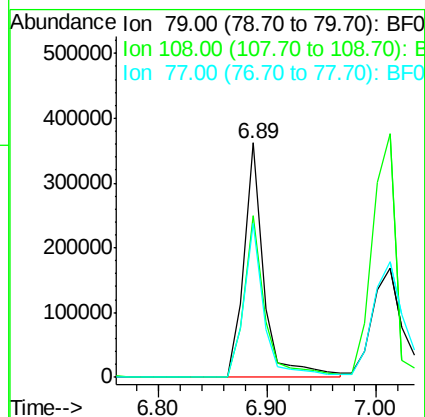
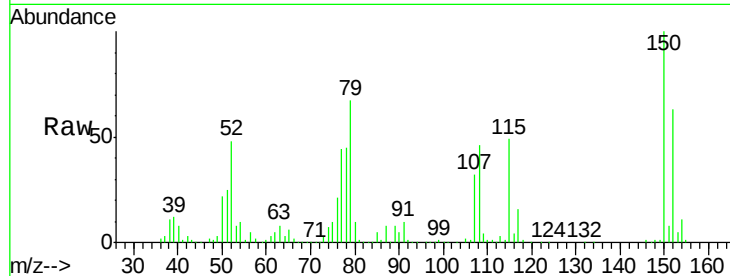
79 100

108 69.2 68.4 102.6

77 65.4 50.6 76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.19 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

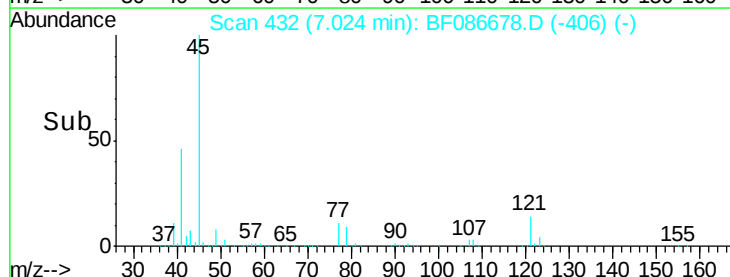
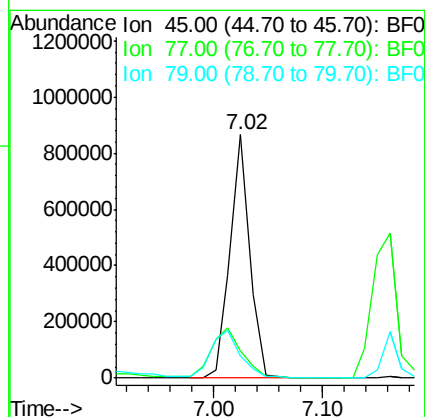
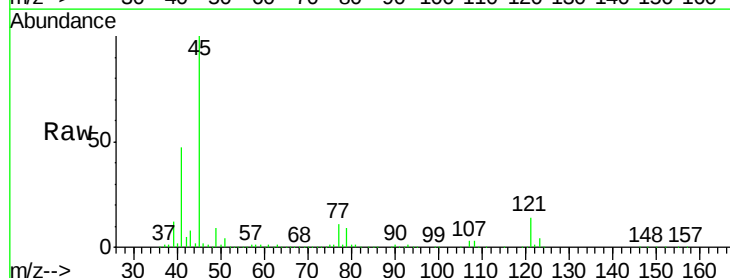
Tgt Ion: 45 Resp: 1088696

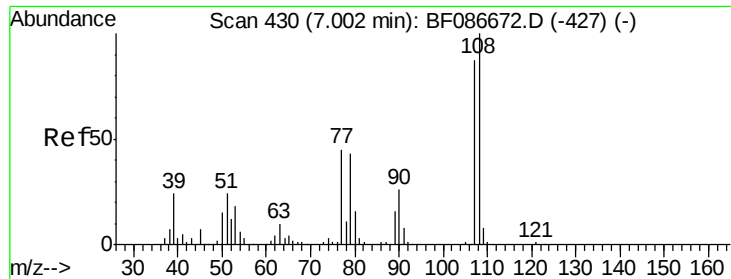
Ion Ratio Lower Upper

45 100

77 11.3 0.0 36.4

79 9.1 0.0 33.4





#17

2-Methylphenol

Concen: 54.31 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.01 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Instrument :

BNA_F

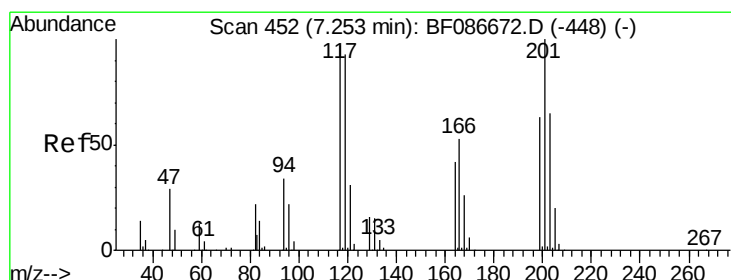
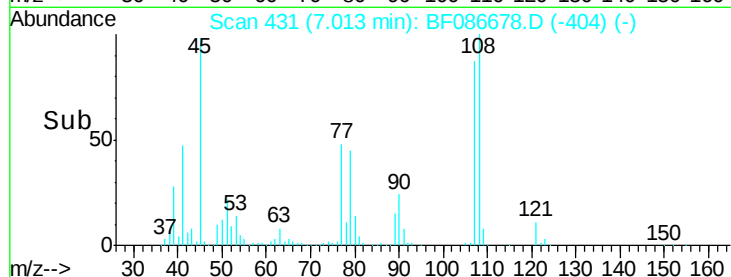
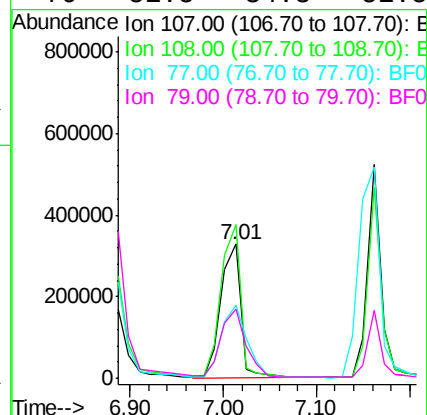
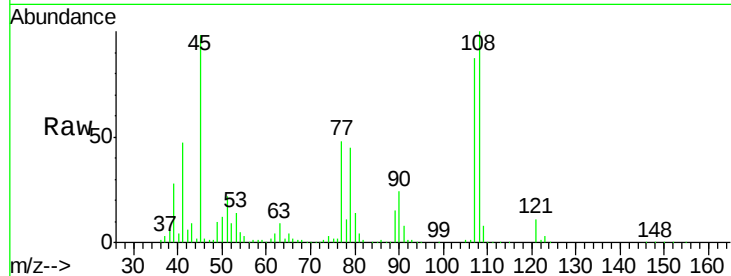
ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion:	107	Resp:	487546
Ion Ratio	Lower	Upper	
107	100		
108	114.4	93.7	140.5
77	54.5	33.4	50.0#
79	51.5	34.3	51.5#

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#18

Hexachloroethane

Concen: 47.36 ng

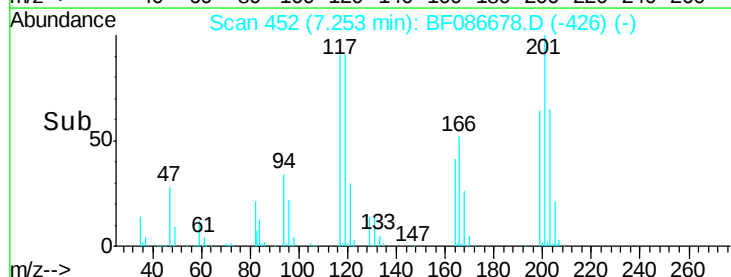
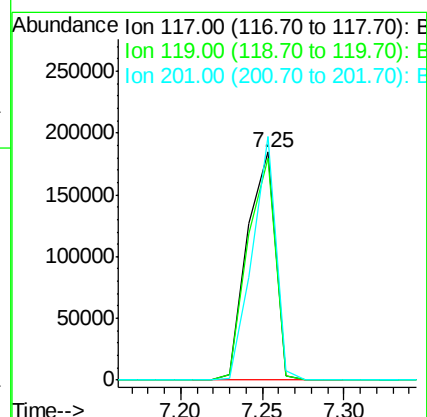
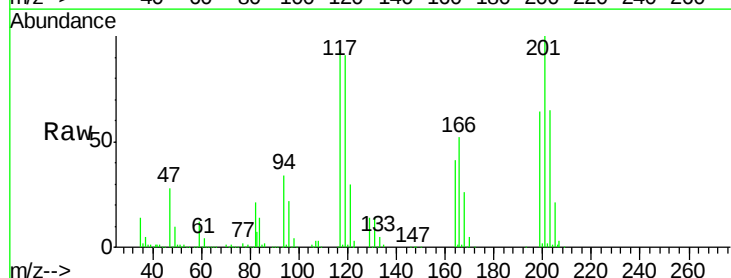
RT: 7.25 min Scan# 452

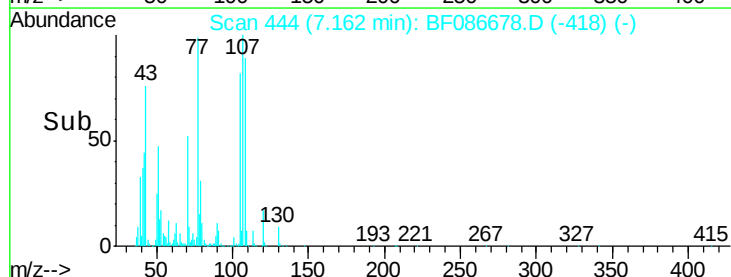
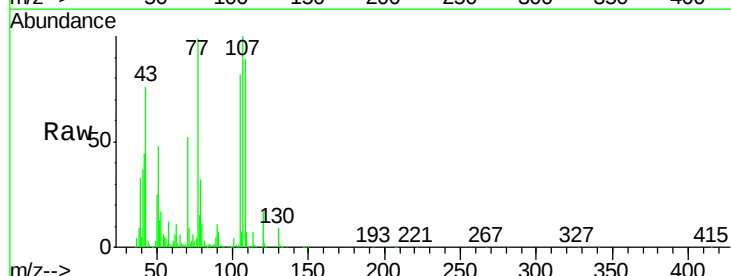
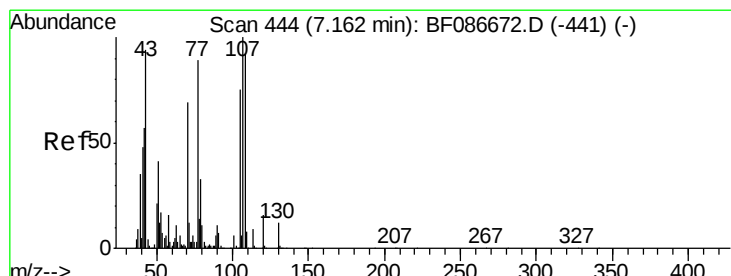
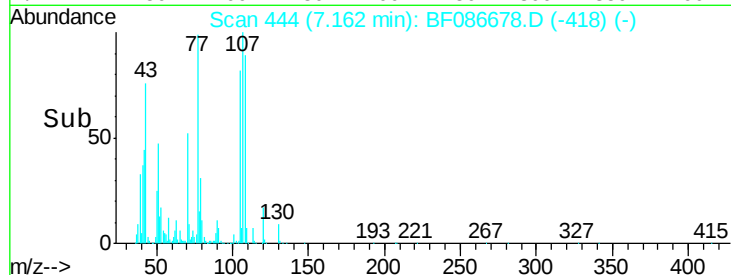
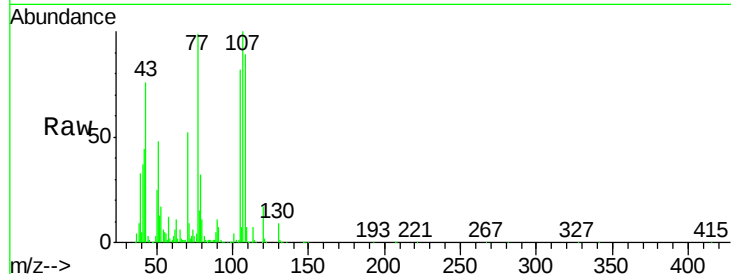
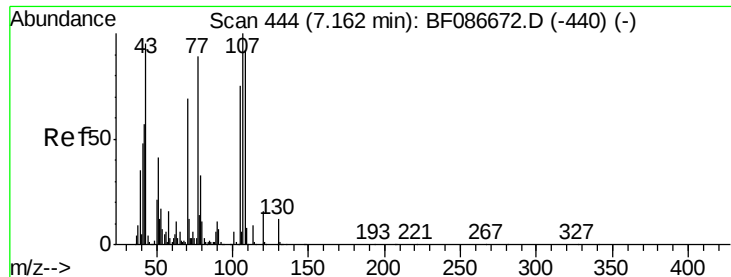
Delta R.T. 0.00 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Tgt Ion:	117	Resp:	218860
Ion Ratio	Lower	Upper	
117	100		
119	97.5	76.5	114.7
201	106.9	63.0	94.6#





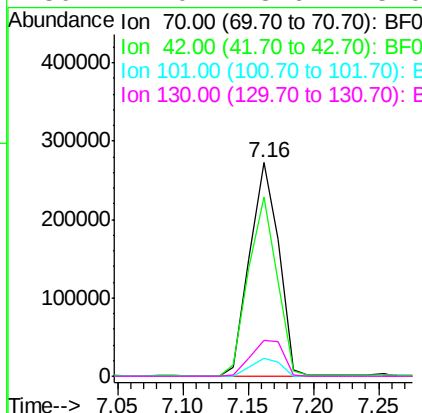
#19
n-Nitroso-di-n-propylamine
Concen: 49.64 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF086678.D
Acq: 4 May 2016 15:53

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	83.9	43.1	64.7#	
101	8.4	8.1	12.1	
130	17.0	18.6	28.0#	

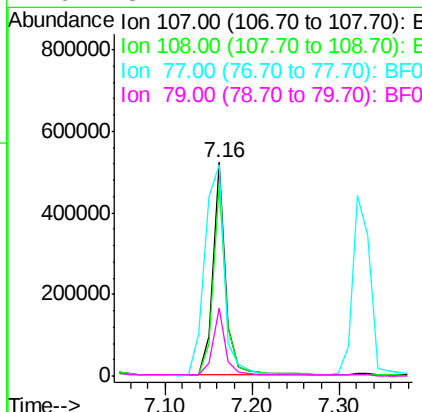
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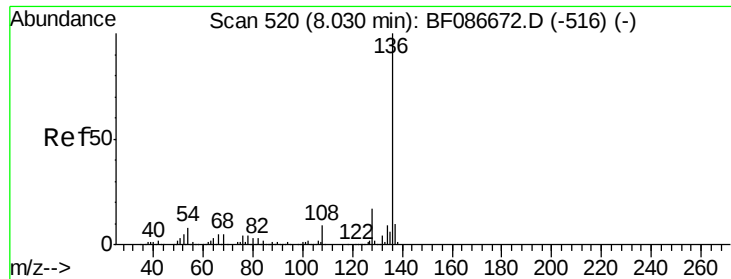
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#20
3+4-Methylphenols
Concen: 52.24 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF086678.D
Acq: 4 May 2016 15:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.3	68.5	108.5	
77	98.8	101.6	141.6#	
79	31.7	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: BF086678.D

Acq: 4 May 2016 15:53

Instrument :

BNA_F

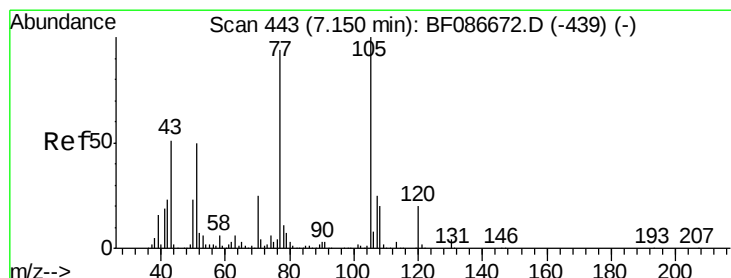
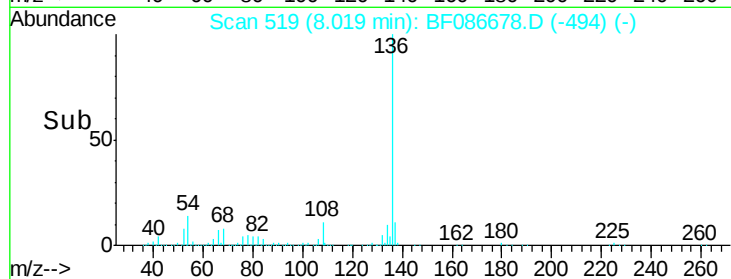
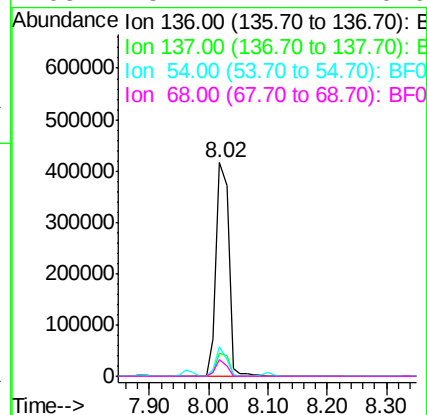
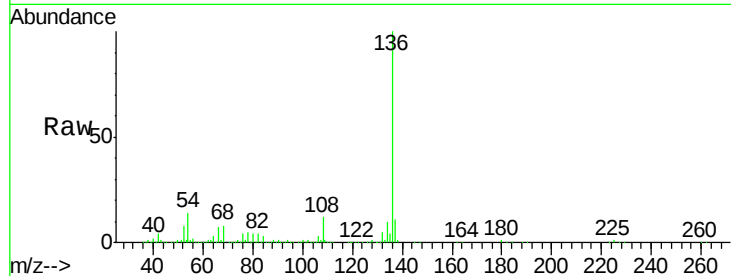
ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		615984		
137	11.1	8.8	13.2		
54	14.0	5.0	7.4		
68	8.1	4.4	6.6		

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#22

Acetophenone

Concen: 54.30 ng

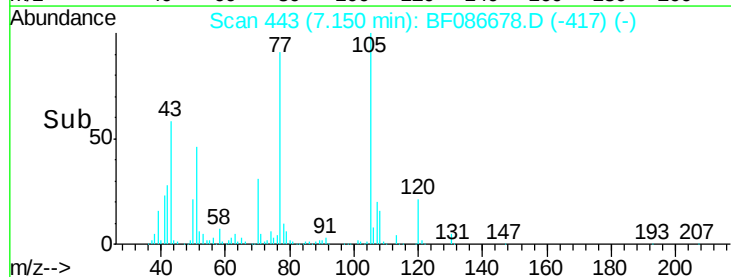
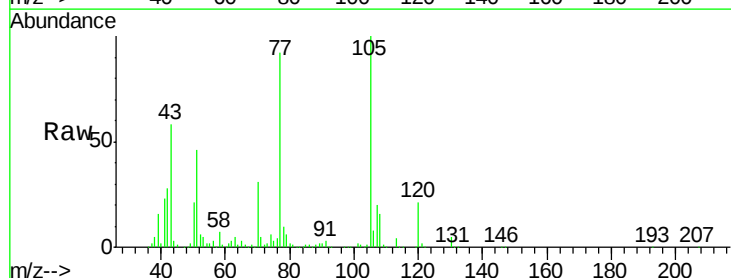
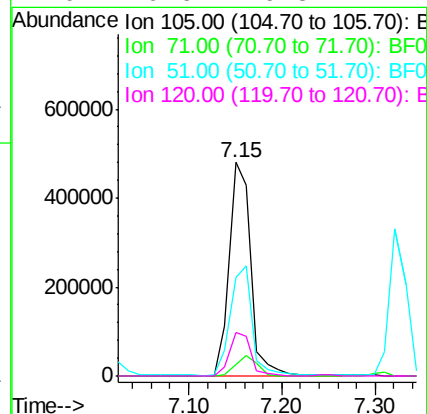
RT: 7.15 min Scan# 443

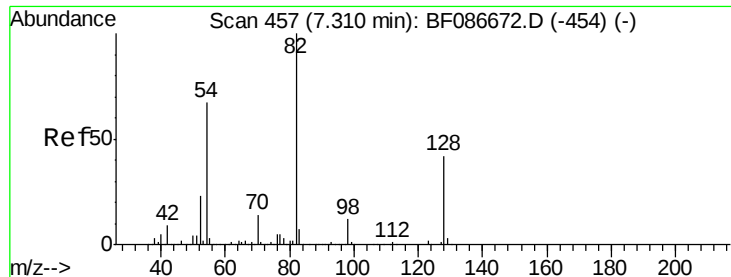
Delta R.T. 0.00 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		779437		
71	5.2	4.8	7.2		
51	46.0	32.6	49.0		
120	20.6	16.5	24.7		





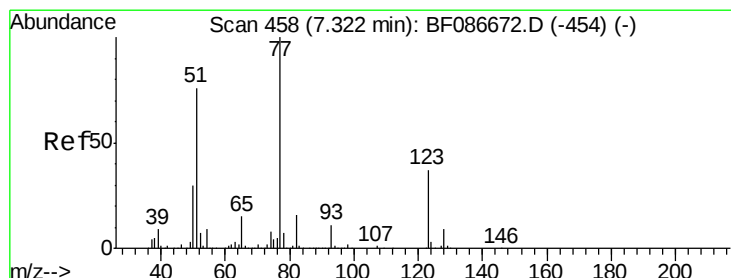
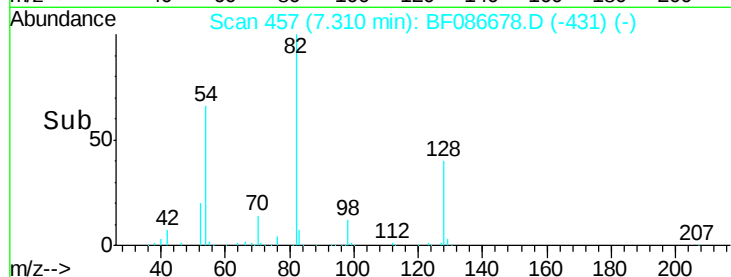
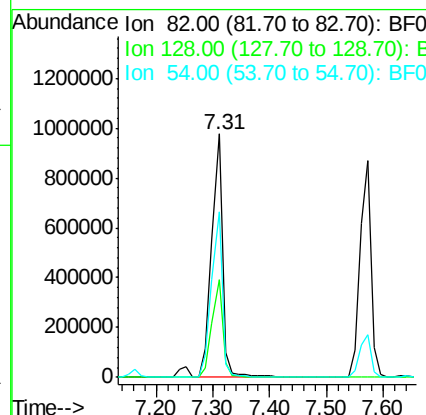
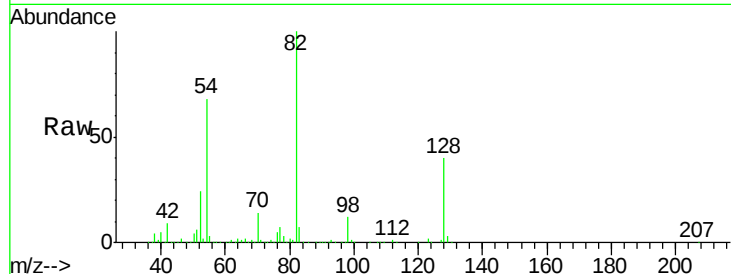
#23
 Nitrobenzene-d5
 Concen: 103.90 ng
 RT: 7.31 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	40.6	61.0#
54	67.8	38.1	57.1#

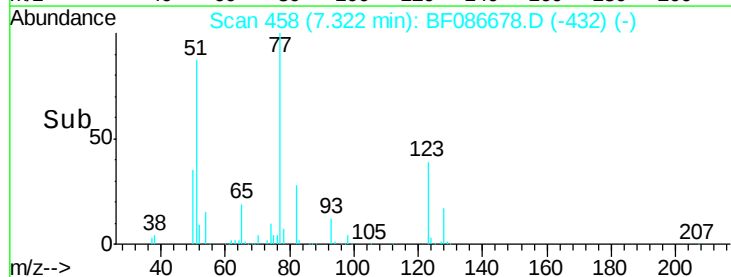
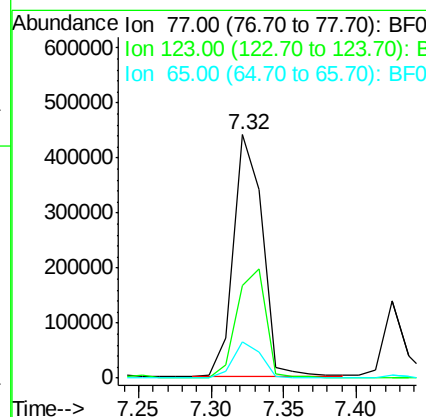
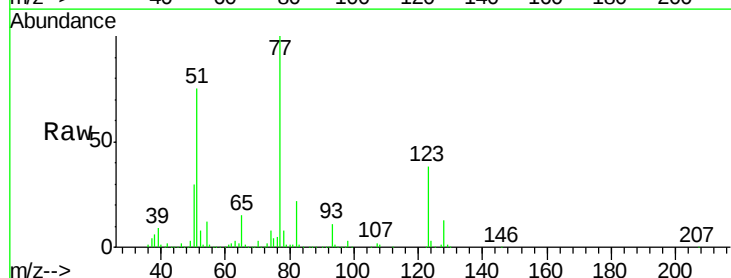
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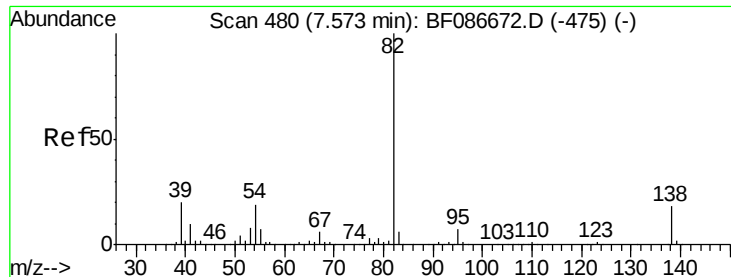
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#24
 Nitrobenzene
 Concen: 49.39 ng
 RT: 7.32 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.2	33.0	49.4
65	15.1	10.8	16.2





#25

Isophorone

Concen: 52.91 ng

RT: 7.57 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion: 82 Resp: 1181180

Ion Ratio Lower Upper

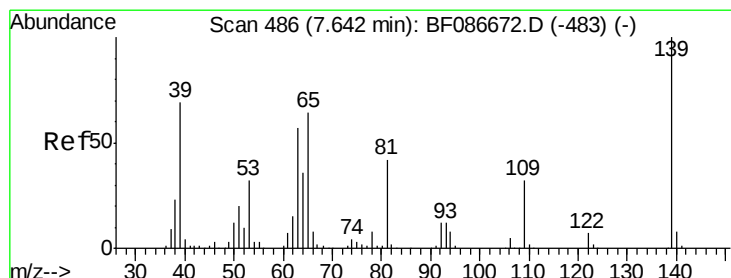
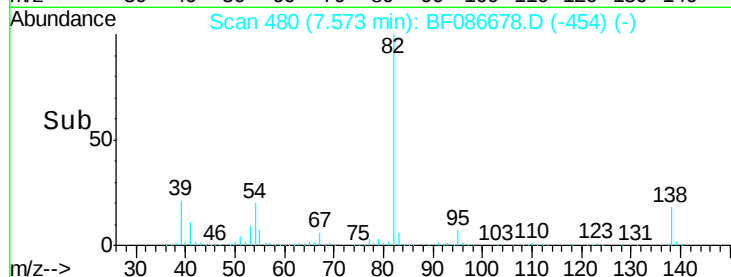
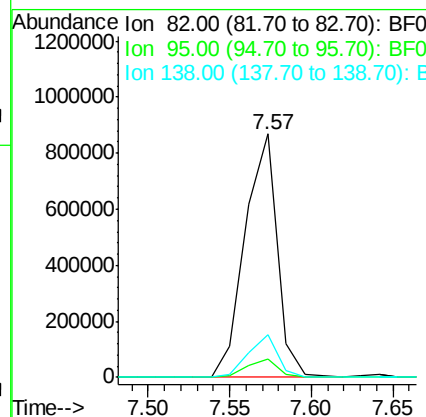
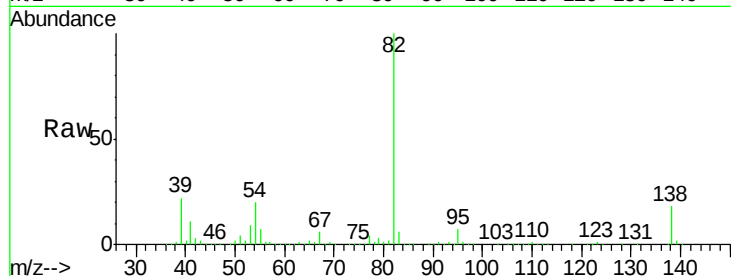
82 100

95 7.3 5.1 7.7

138 17.5 12.4 18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 52.82 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

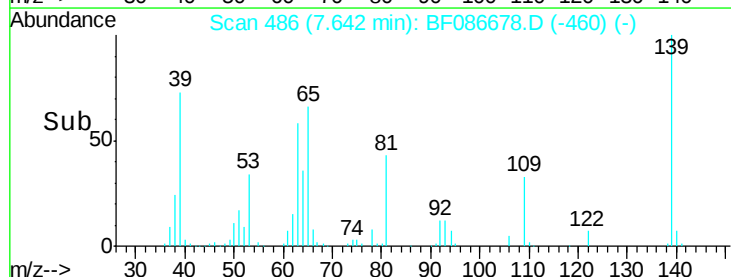
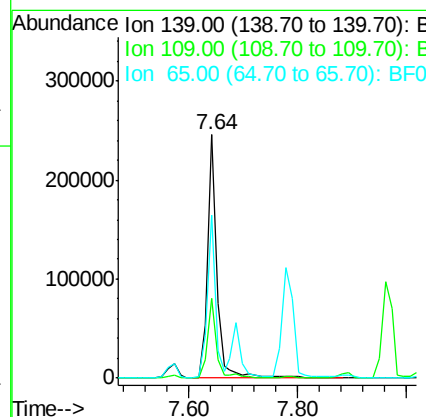
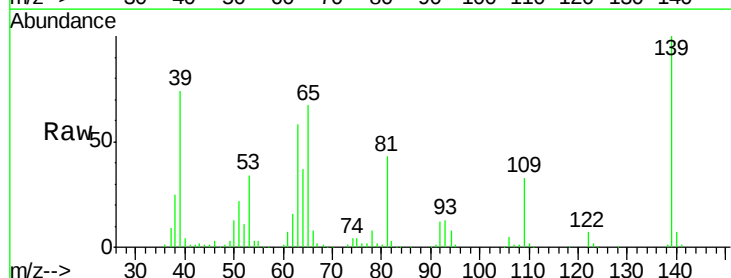
Tgt Ion: 139 Resp: 292084

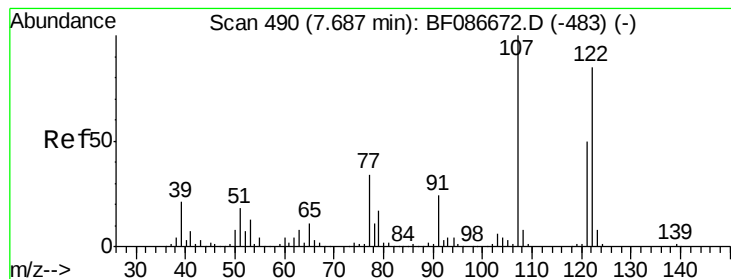
Ion Ratio Lower Upper

139 100

109 32.5 19.5 29.3#

65 67.0 37.5 56.3#





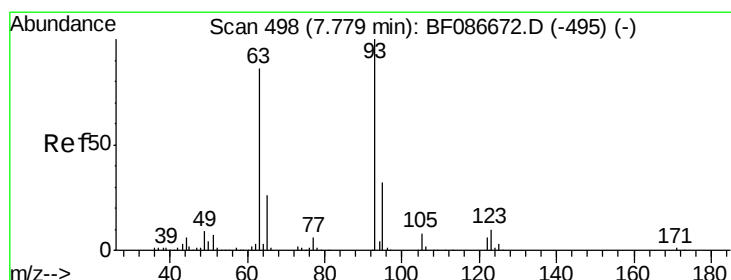
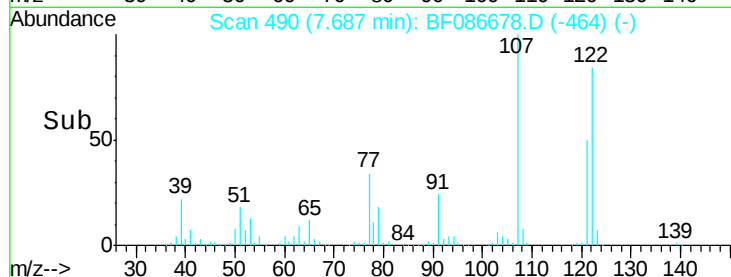
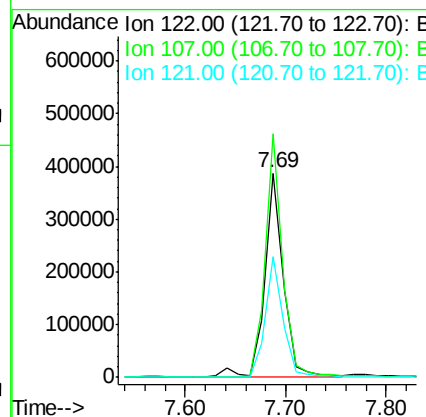
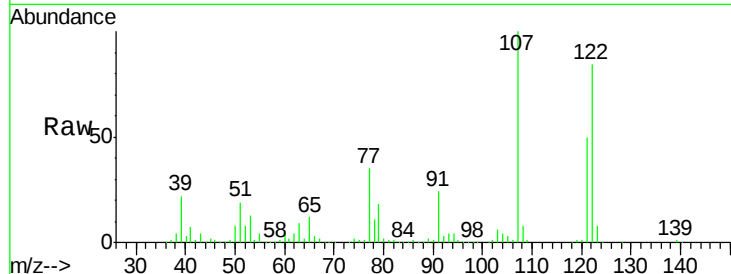
#27
 2,4-Dimethylphenol
 Concen: 51.55 ng
 RT: 7.69 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	500516		
107	119.3	82.0	123.0	
121	59.1	46.1	69.1	

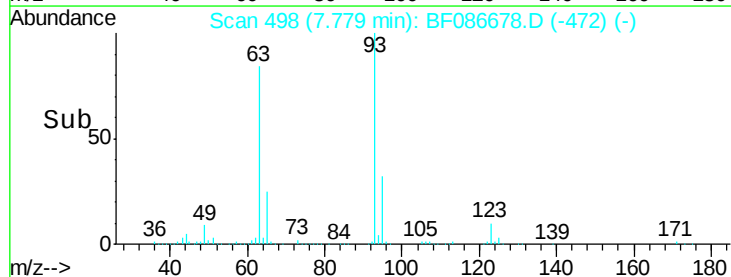
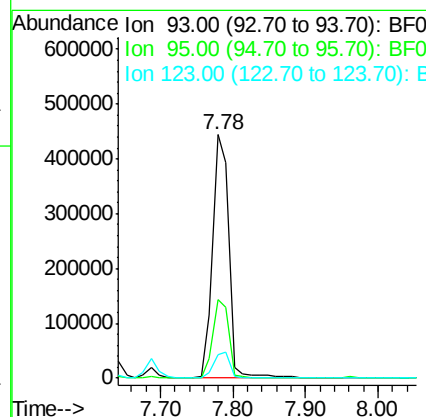
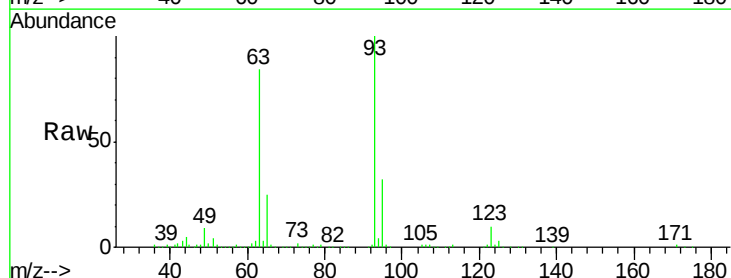
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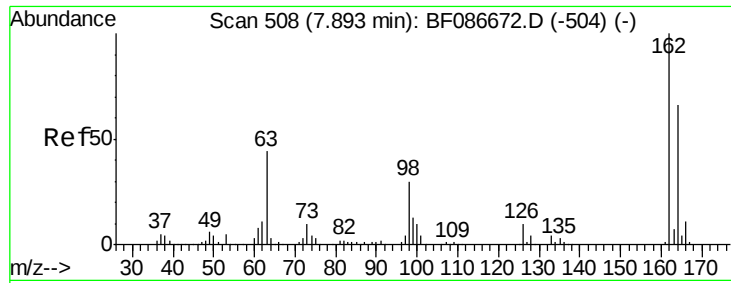
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#28
 bis(2-Chloroethoxy)methane
 Concen: 56.34 ng
 RT: 7.78 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	692210		
95	32.3	26.0	39.0	
123	9.7	9.5	14.3	





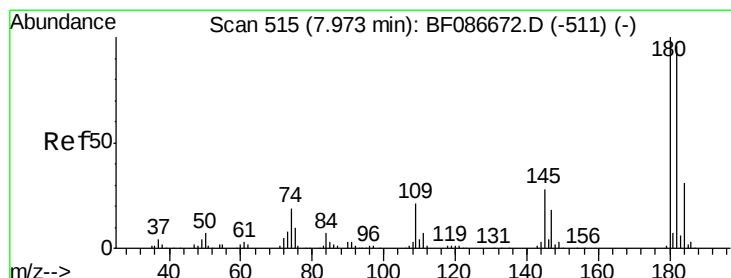
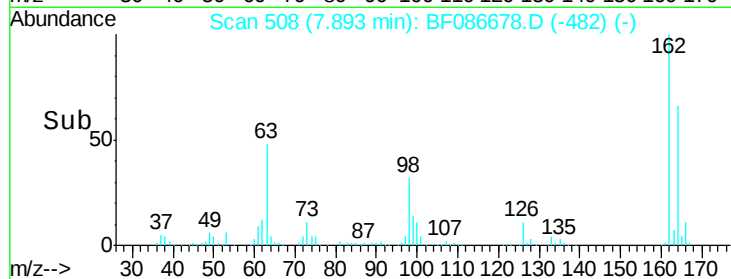
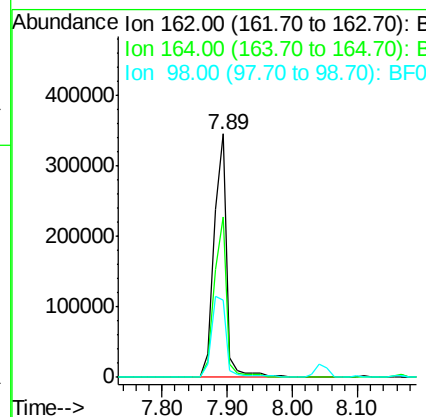
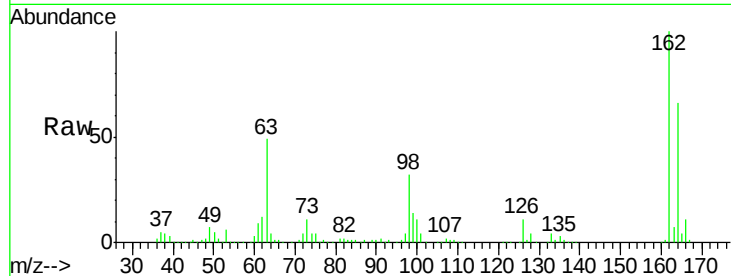
#29
 2,4-Dichlorophenol
 Concen: 56.44 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.9	42.2	82.2
98	31.9	19.0	59.0

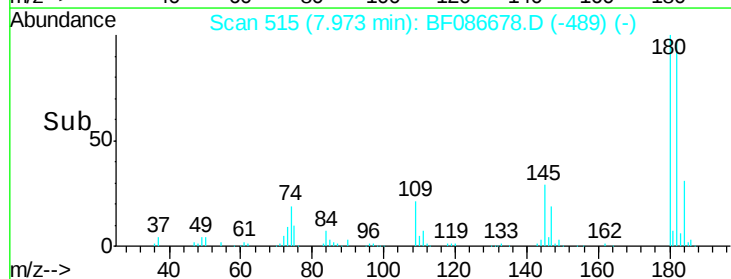
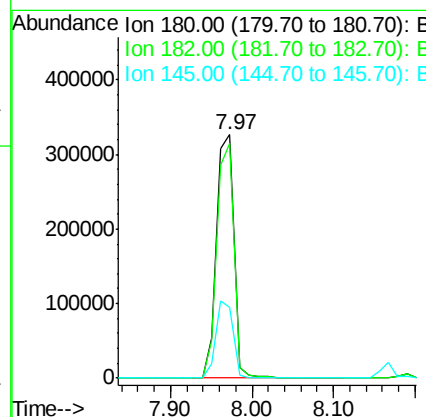
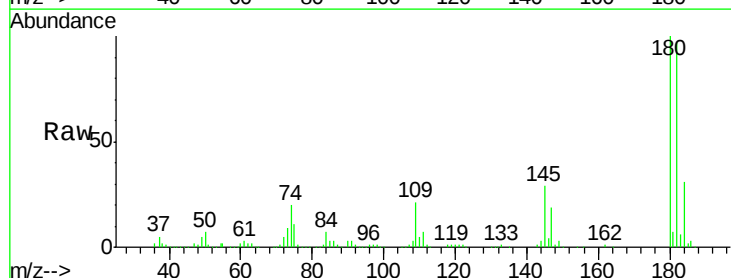
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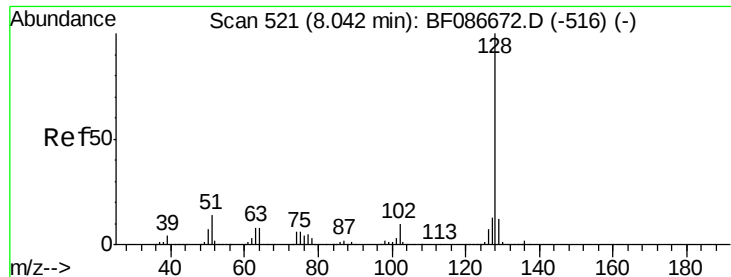
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#30
 1,2,4-Trichlorobenzene
 Concen: 52.74 ng
 RT: 7.97 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.5	78.0	117.0
145	29.0	24.2	36.2





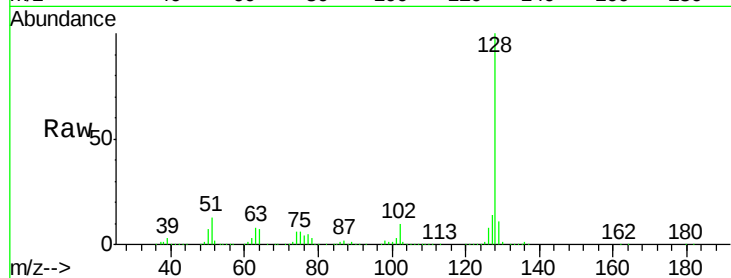
#31
Naphthalene
Concen: 52.47 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF086678.D
Acq: 4 May 2016 15:53

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)MSD

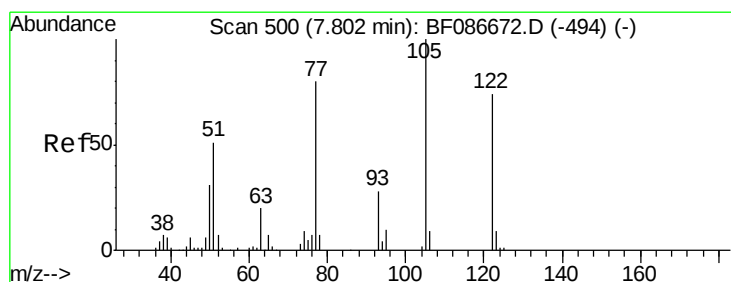
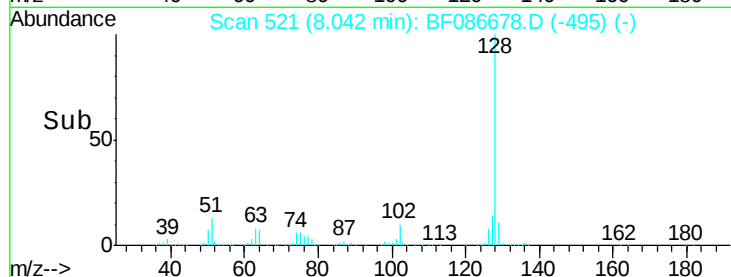
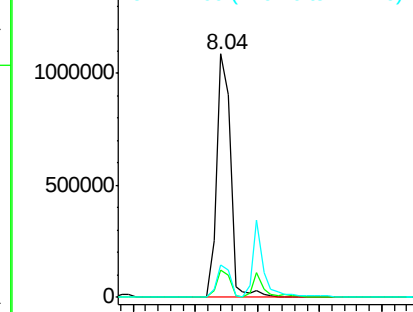
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	13.0
127	13.5	10.8	16.2

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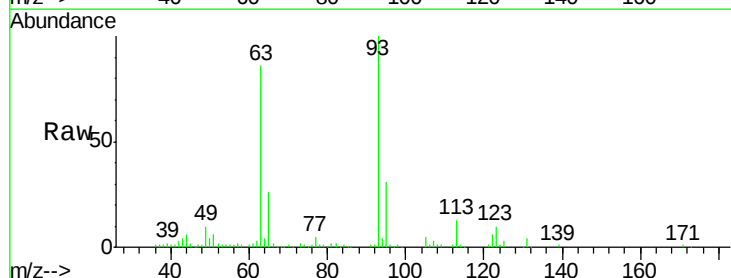


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

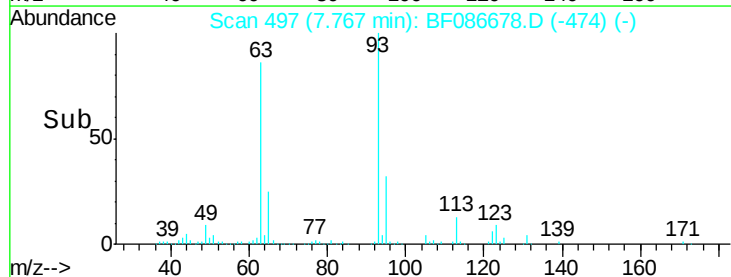
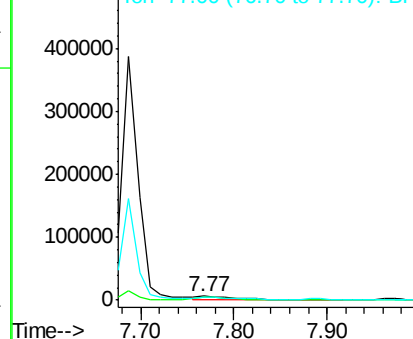


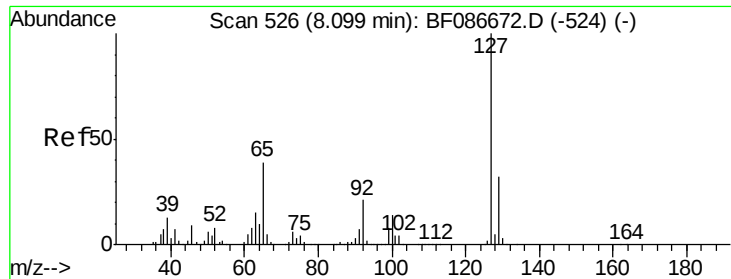
#32
Benzoic acid
Concen: 11.94 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.03 min
Lab File: BF086678.D
Acq: 4 May 2016 15:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	84.0	92.6	132.6#
77	88.6	60.0	100.0



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





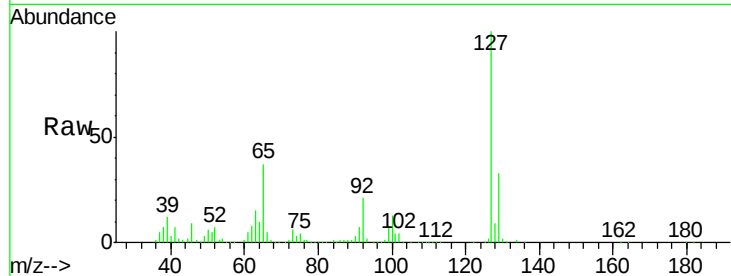
#33
4-Chloroaniline
Concen: 36.05 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF086678.D
Acq: 4 May 2016 15:53

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)MSD

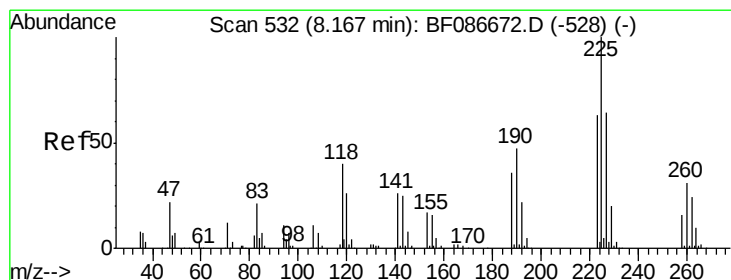
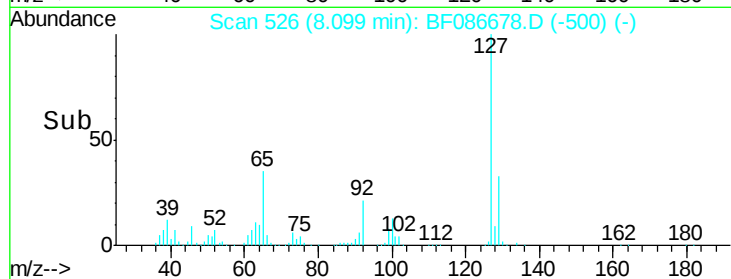
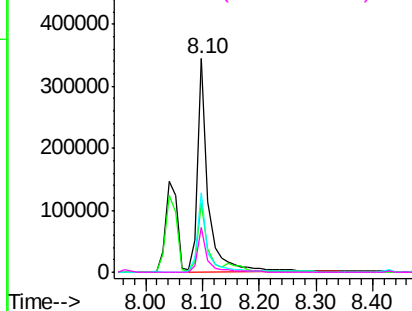
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.2	39.4		
65	37.0	23.0	34.4		
92	21.0	15.1	22.7		

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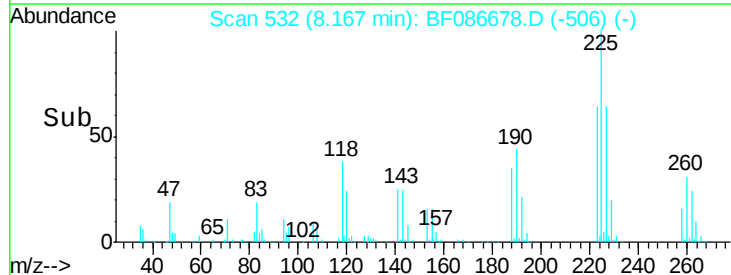
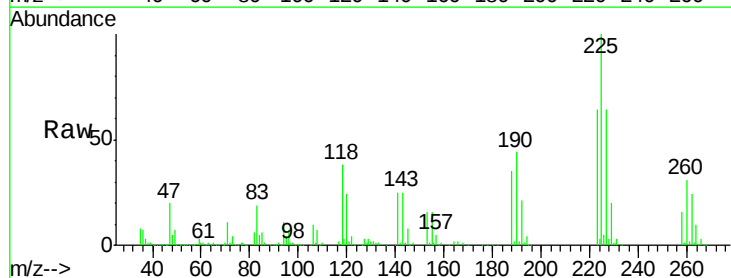
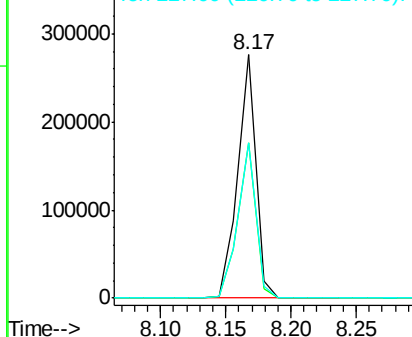
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

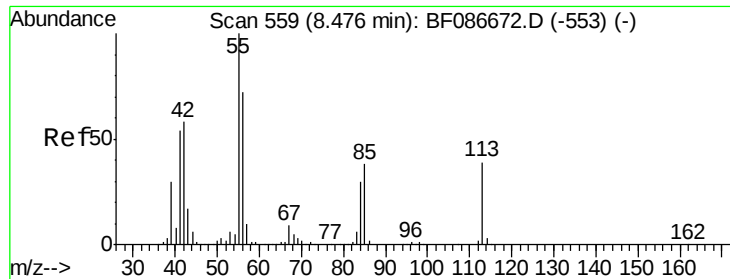


#34
Hexachlorobutadiene
Concen: 50.27 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF086678.D
Acq: 4 May 2016 15:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	51.5	77.3		
227	64.0	52.2	78.2		

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: 60.38 ng/ml

RT: 8.49 min Scan# 560

Delta R.T. 0.01 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Instrument :

BNA_F

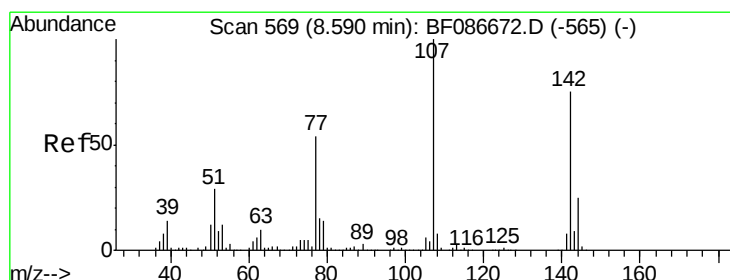
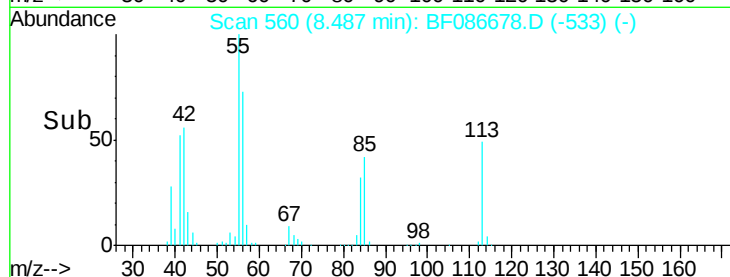
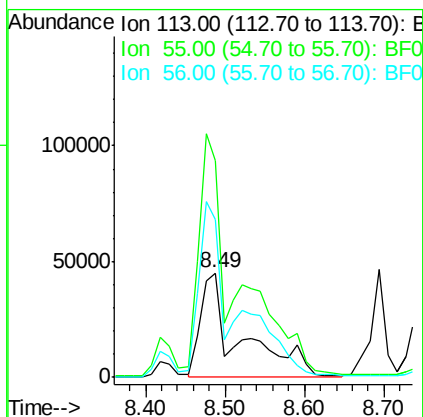
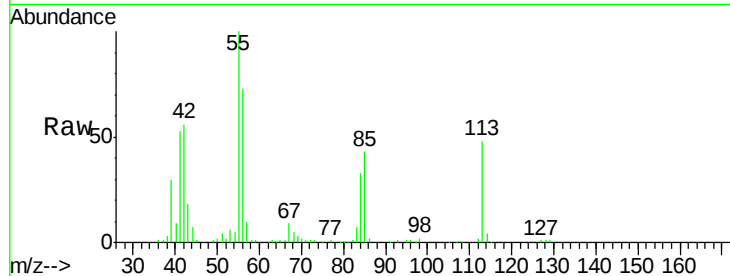
ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion:	113	Resp:	156021
Ion Ratio	Lower	Upper	
113	100		
55	207.9	162.0	202.0#
56	151.6	115.3	155.3

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#36

4-Chloro-3-methylphenol

Concen: 49.92 ng/ml

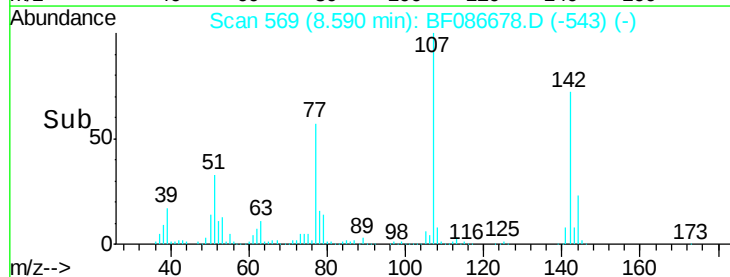
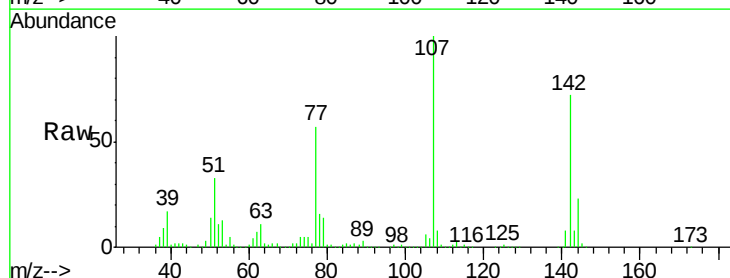
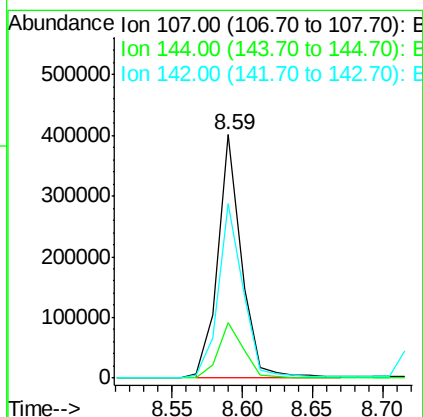
RT: 8.59 min Scan# 569

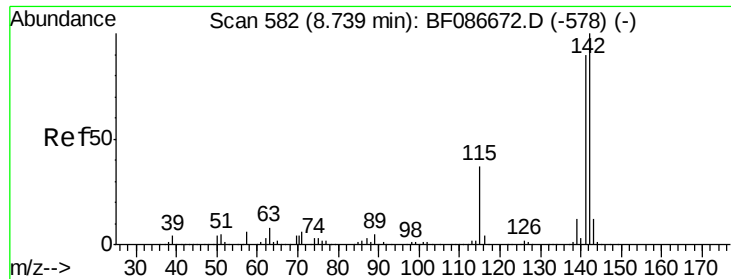
Delta R.T. 0.00 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Tgt Ion:	107	Resp:	475458
Ion Ratio	Lower	Upper	
107	100		
144	22.9	20.7	31.1
142	71.9	63.2	94.8





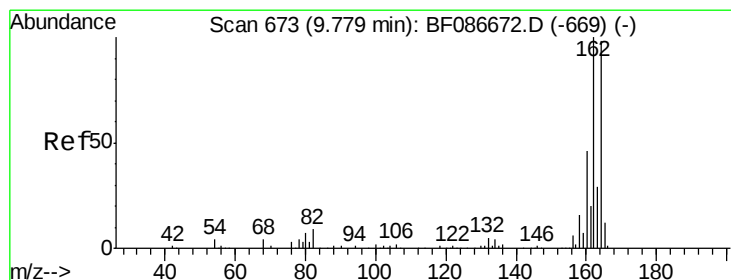
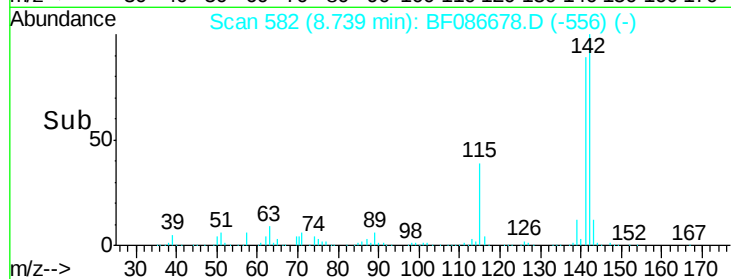
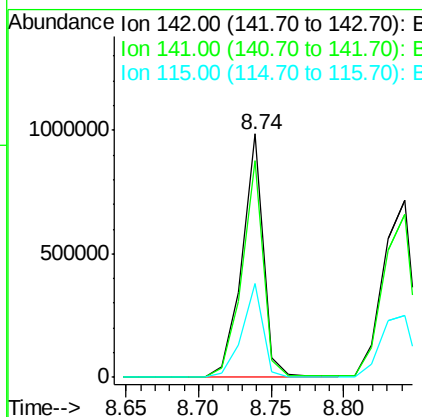
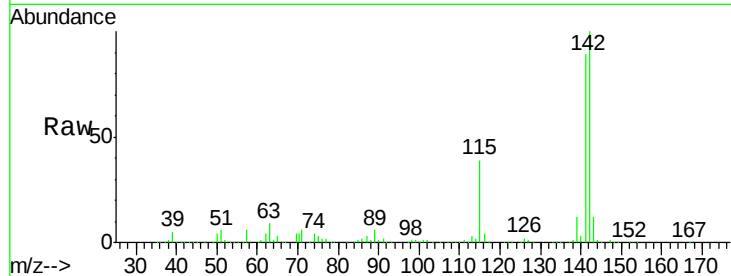
#37
2-Methylnaphthalene
Concen: 54.45 ng
RT: 8.74 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF086678.D
Acq: 4 May 2016 15:53

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	38.6	26.6	39.8

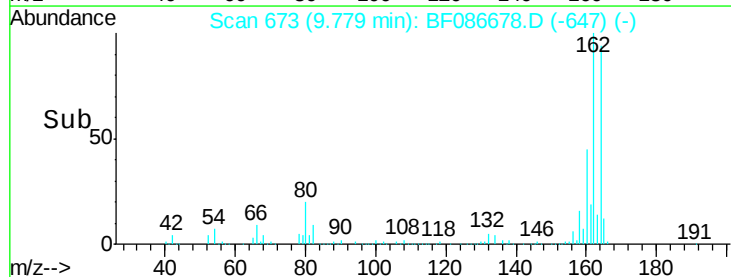
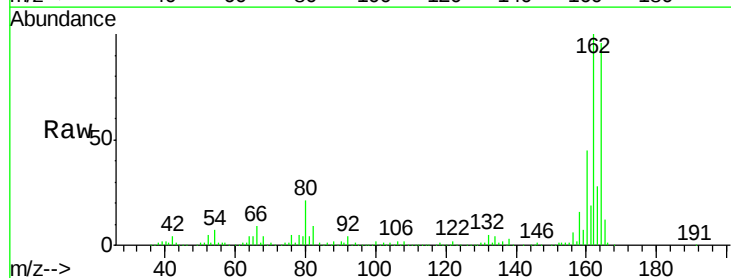
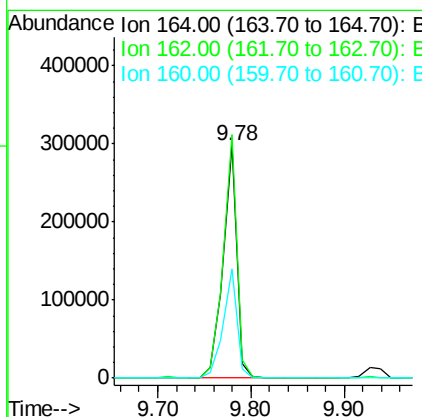
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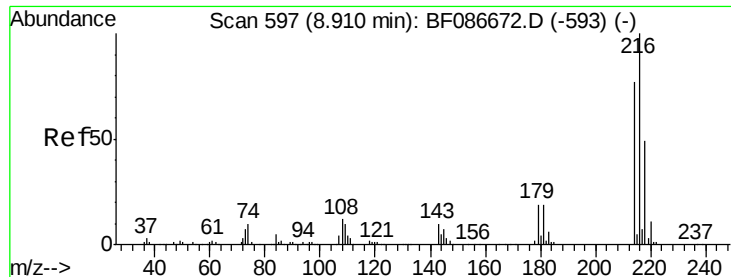
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#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF086678.D
Acq: 4 May 2016 15:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.8	124.2
160	47.0	36.9	55.3





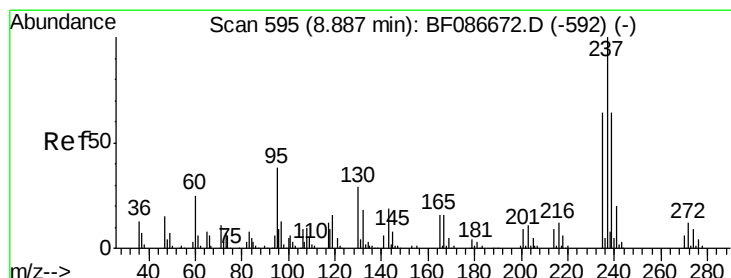
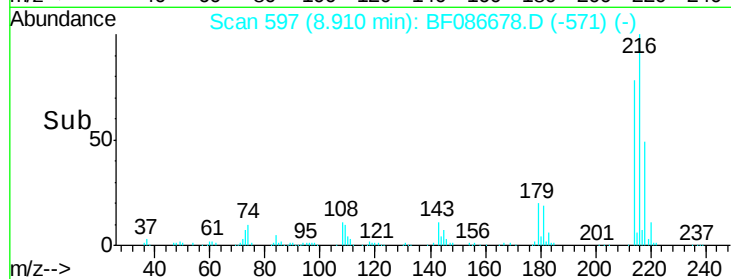
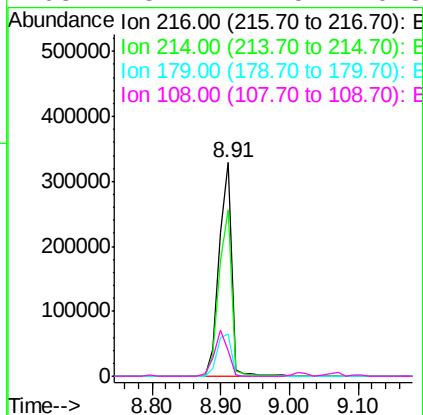
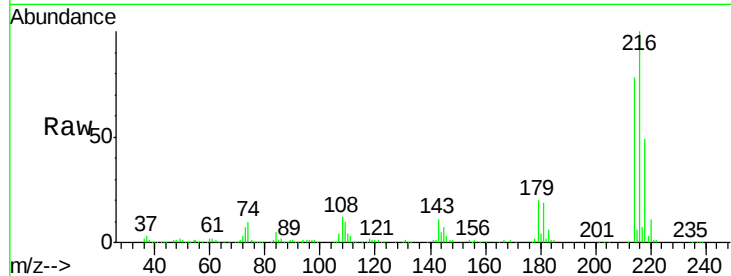
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.31 ng
 RT: 8.91 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	425864		
214	78.7	62.6	93.8	
179	22.7	18.2	27.4	
108	23.7	17.5	26.3	

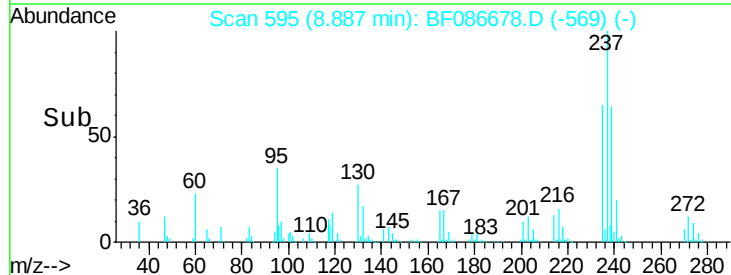
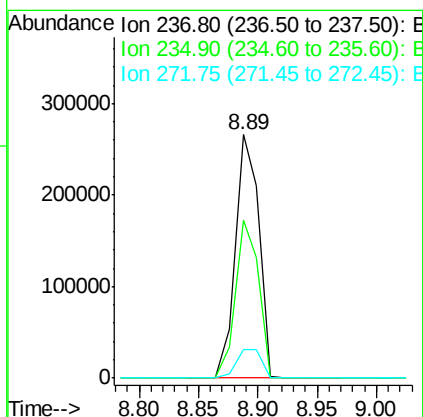
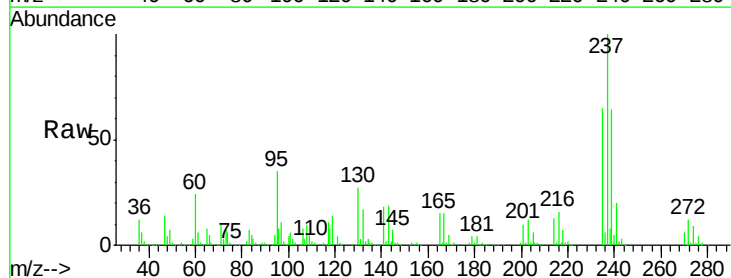
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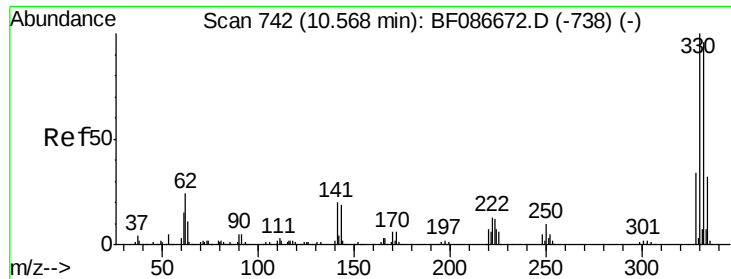
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#40
 Hexachlorocyclopentadiene
 Concen: 89.19 ng
 RT: 8.89 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	365435		
235	64.8	47.2	87.2	
272	11.6	0.0	31.1	





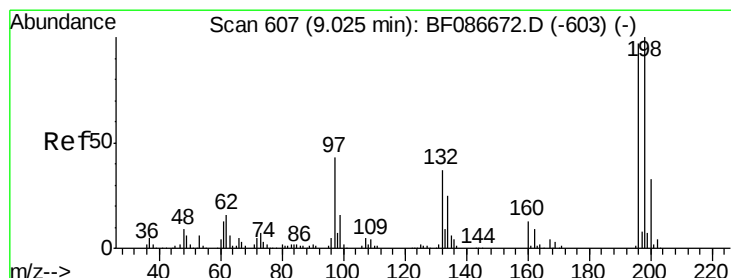
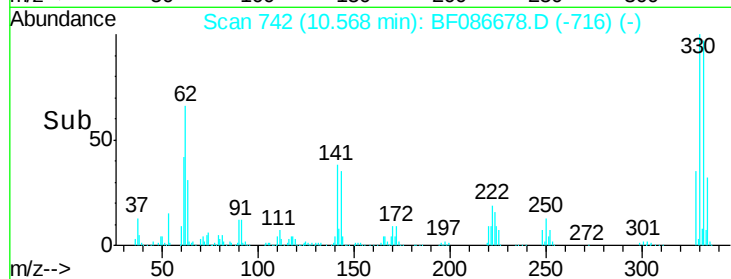
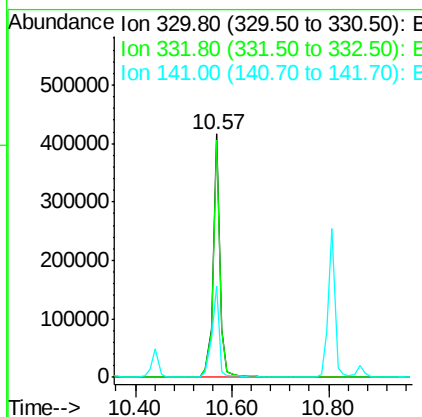
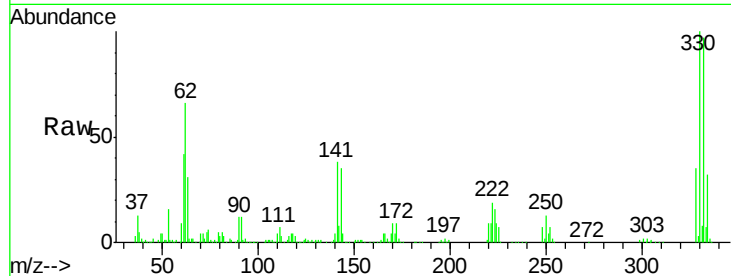
#41
 2,4,6-Tribromophenol
 Concen: 146.22 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	435580		
332	96.8	79.0	118.4	
141	38.8	31.2	46.8	

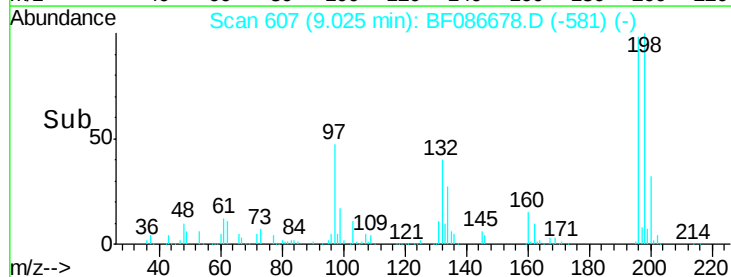
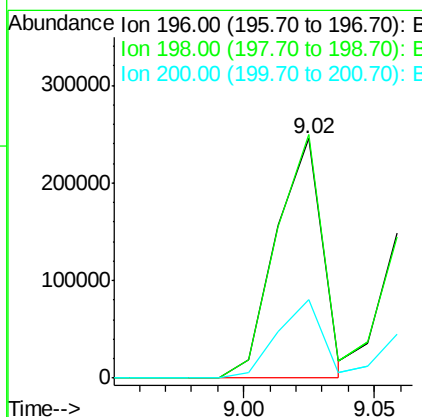
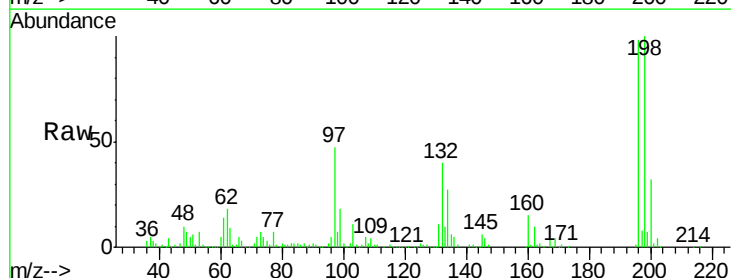
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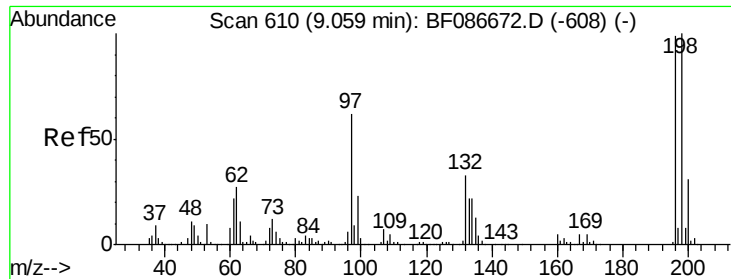
sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 53.61 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	300501		
198	101.6	74.7	112.1	
200	32.5	23.8	35.6	





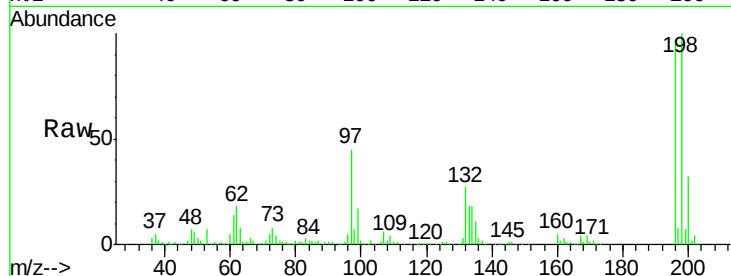
#43
 2,4,5-Trichlorophenol
 Concen: 56.86 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion	196	Resp	332948
Ion Ratio	Lower	Upper	
196	100		
198	103.1	77.5	116.3
97	46.4	34.8	52.2
132	27.8	23.0	34.4

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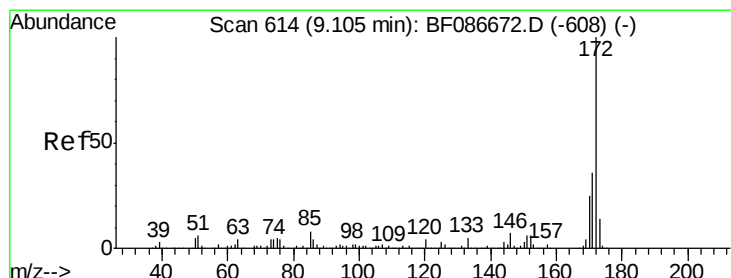
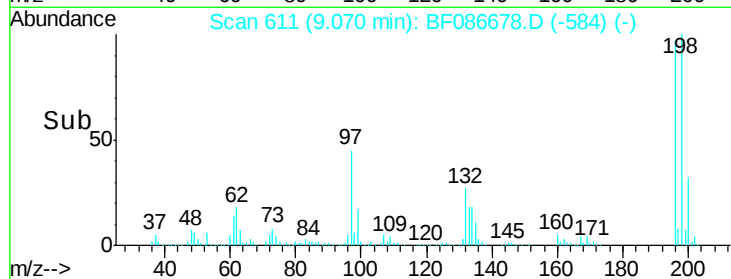
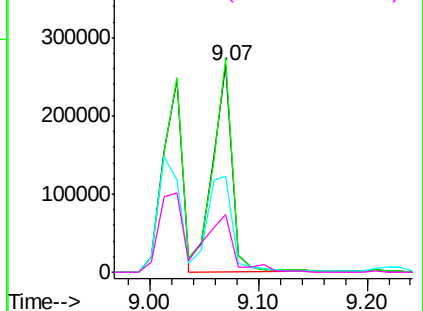
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.00 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

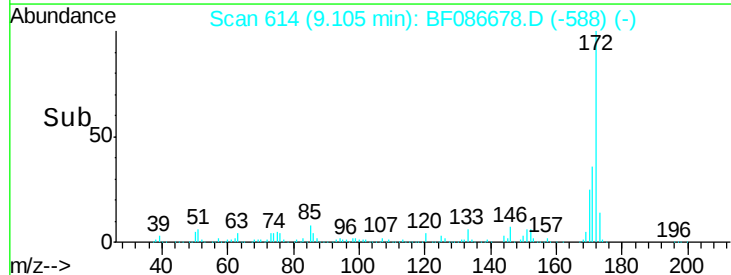
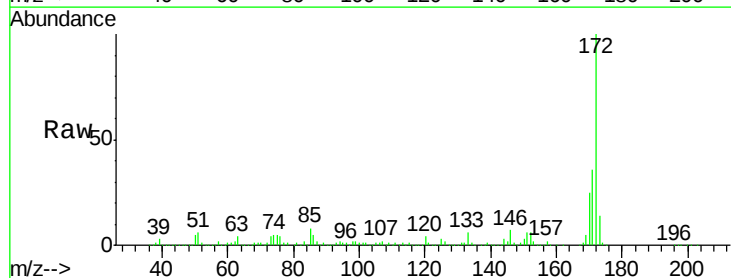
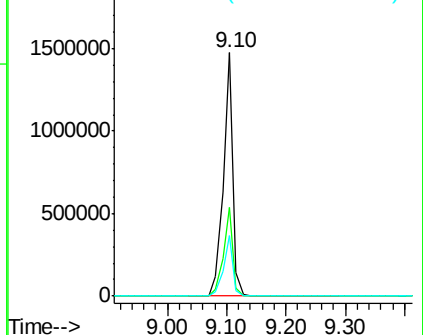
Tgt Ion	172	Resp	1653327
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.0	43.6
170	24.8	19.8	29.8

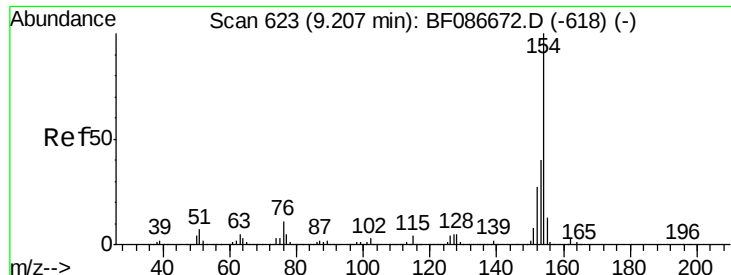
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 52.00 ng

RT: 9.21 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion:154 Resp: 1294550

Ion Ratio Lower Upper

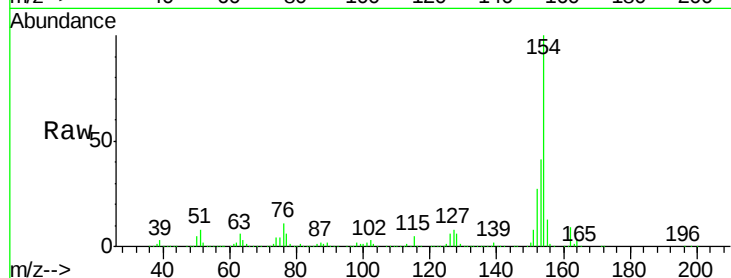
154 100

153 41.0 20.3 60.3

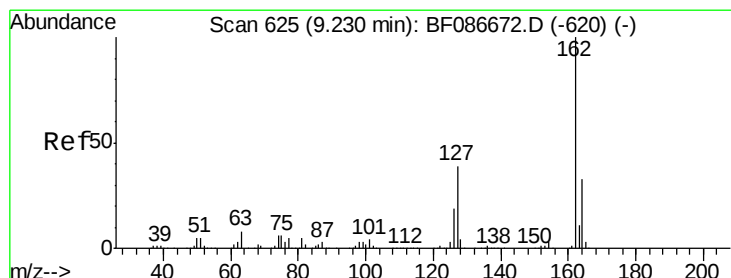
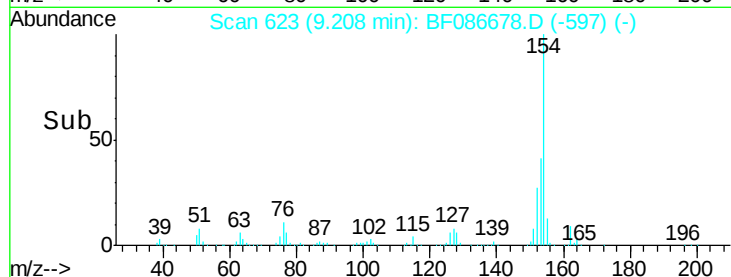
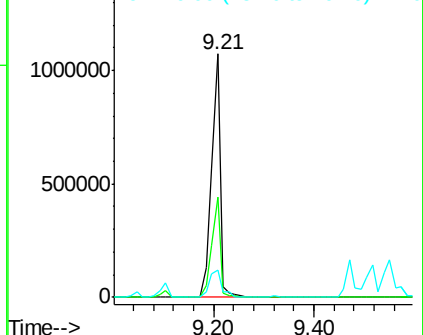
76 11.4 0.0 30.2

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



#46

2-Chloronaphthalene

Concen: 51.43 ng

RT: 9.23 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

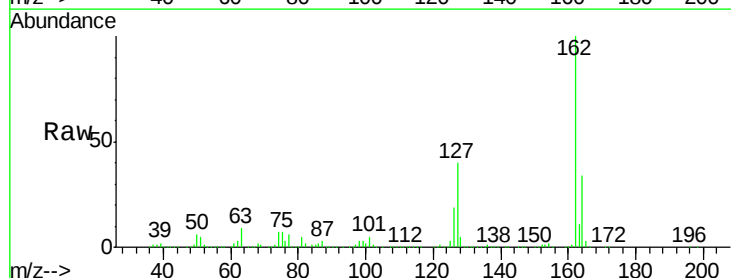
Tgt Ion:162 Resp: 988125

Ion Ratio Lower Upper

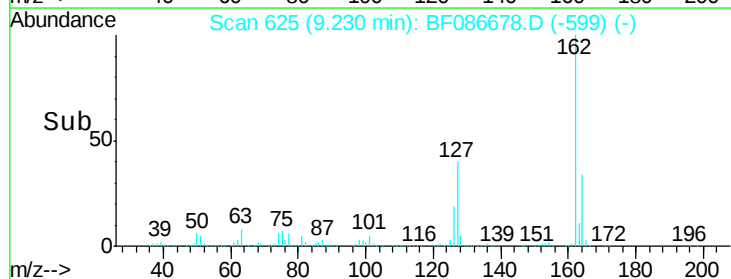
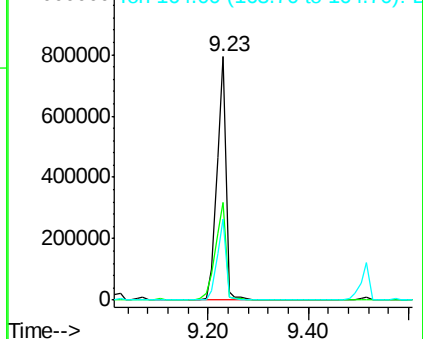
162 100

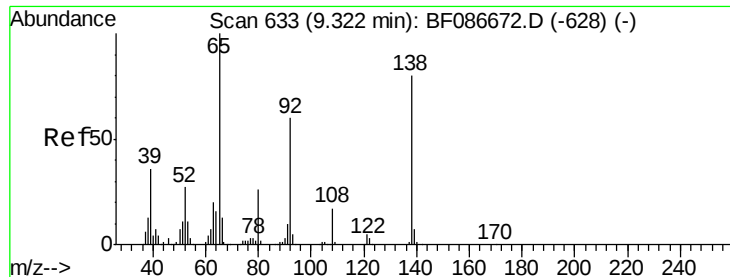
127 40.3 31.8 47.6

164 33.5 27.0 40.6



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





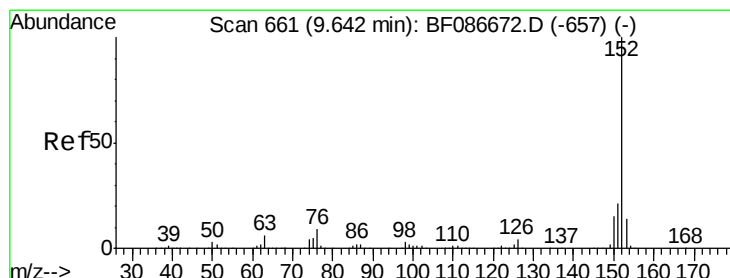
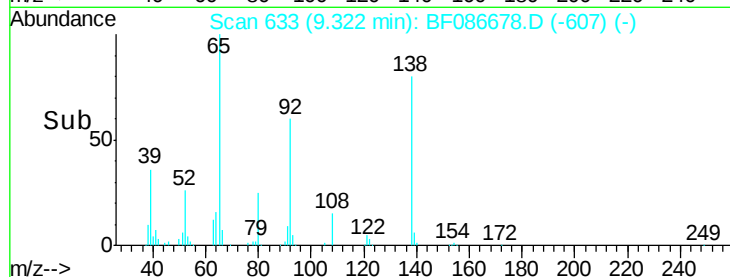
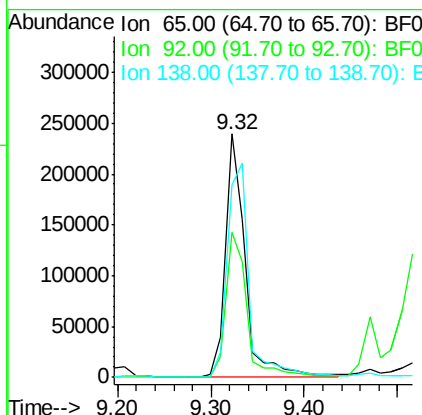
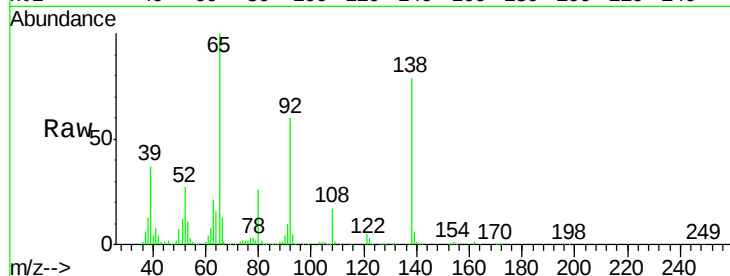
#47
2-Nitroaniline
Concen: 52.03 ng
RT: 9.32 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF086678.D
Acq: 4 May 2016 15:53

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.6	57.4	86.2
138	79.0	90.1	135.1#

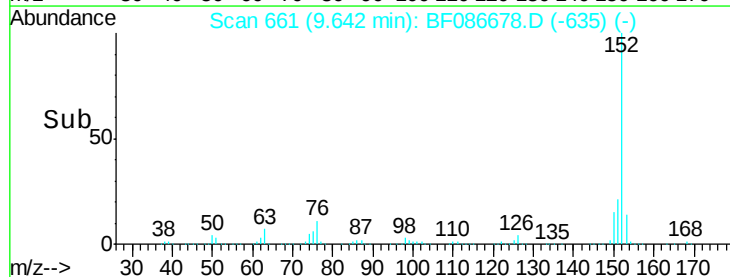
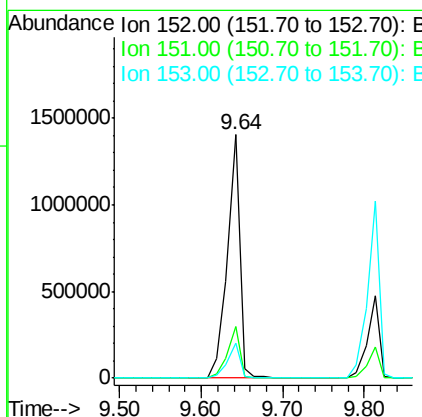
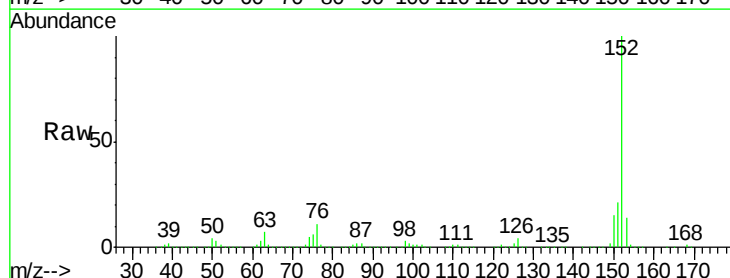
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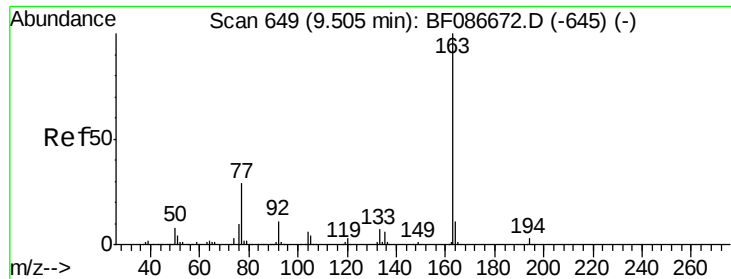
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#48
Acenaphthylene
Concen: 51.85 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF086678.D
Acq: 4 May 2016 15:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2
153	14.2	10.9	16.3





#49

Dimethylphthalate

Concen: 61.35 ng

RT: 9.52 min Scan# 650

Delta R.T. 0.01 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion:163 Resp: 1392634

Ion Ratio Lower Upper

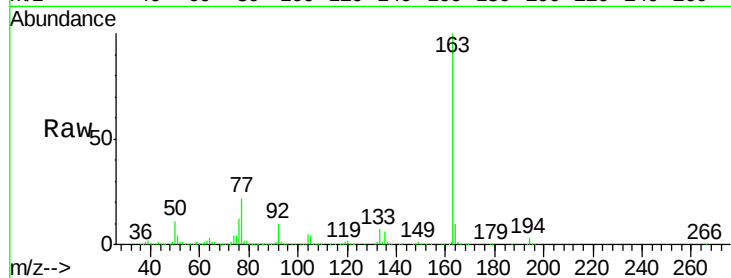
163 100

194 3.5 2.6 4.0

164 10.3 8.2 12.4

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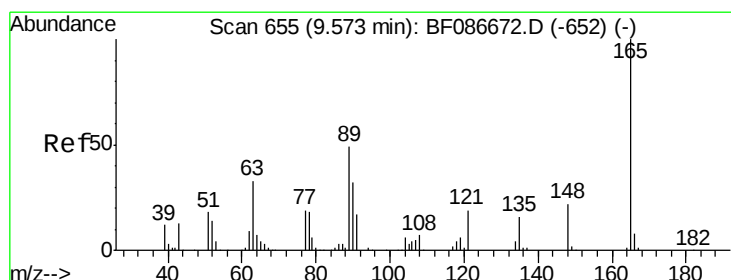
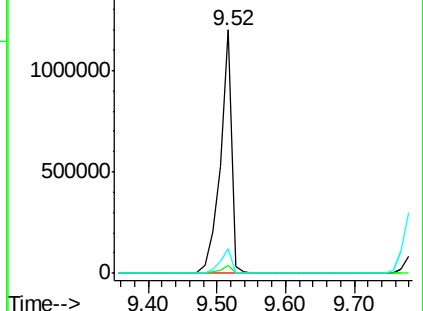
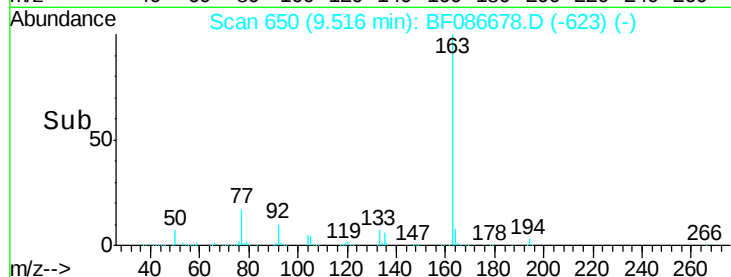
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 54.56 ng

RT: 9.57 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

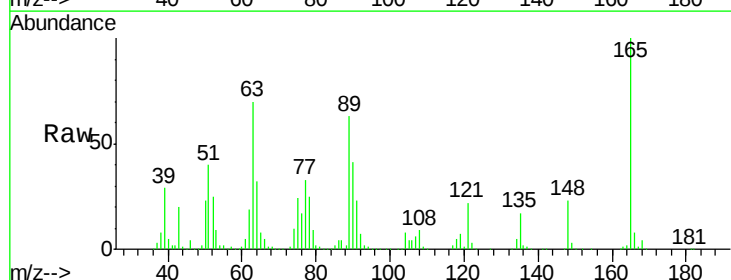
Tgt Ion:165 Resp: 265792

Ion Ratio Lower Upper

165 100

63 69.8 51.8 77.8

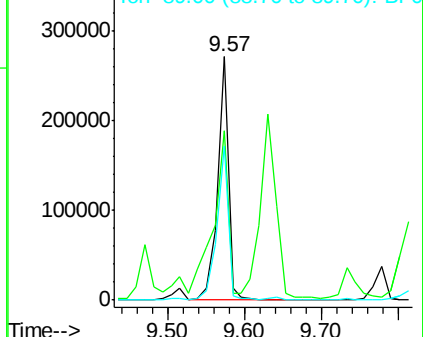
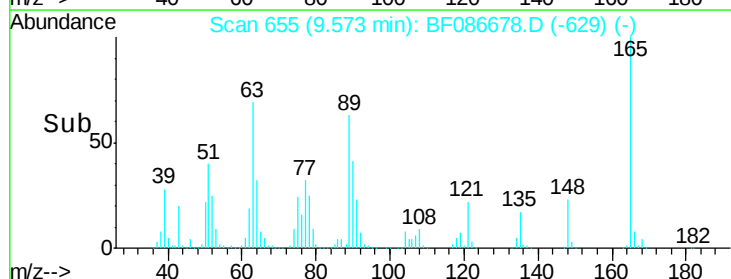
89 63.3 50.7 76.1

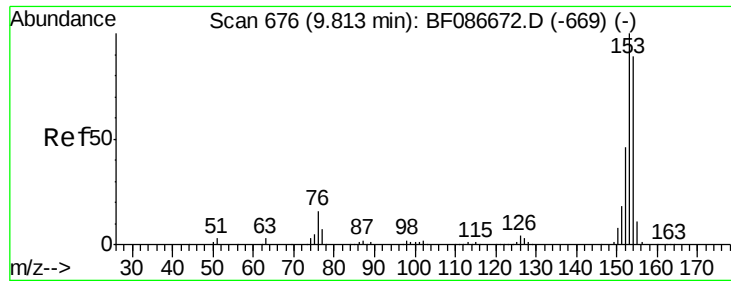


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 49.51 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF086678.D

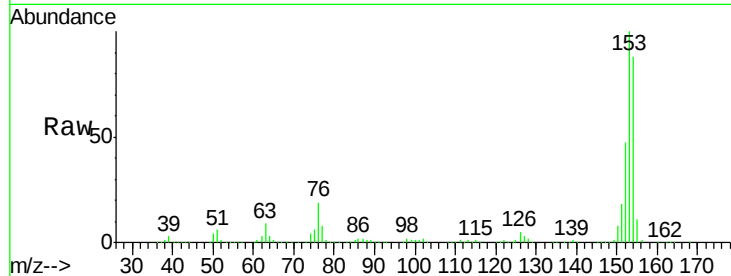
Acq: 4 May 2016 15:53

Instrument :

BNA_F

ClientSampleId :

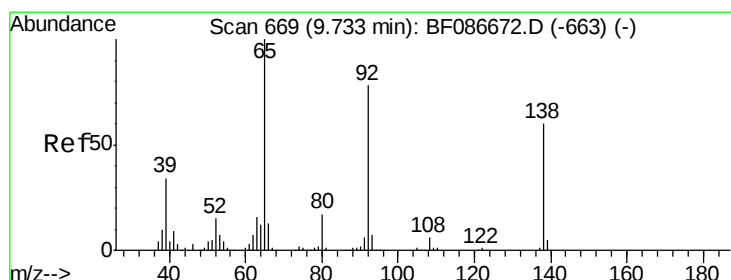
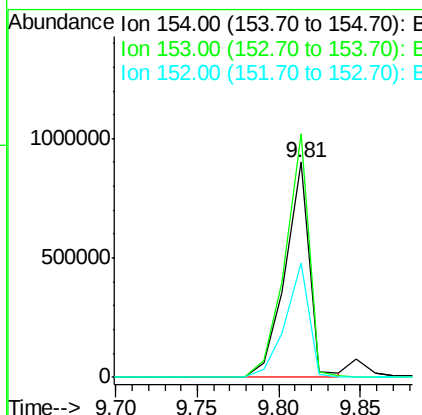
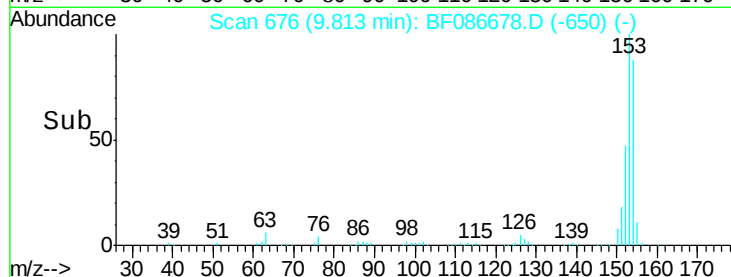
26WARD-3-CS-6(12-25FTBGS)MSD



Tot Ion:	154	Resp:	931419
Ion Ratio	Lower	Upper	
154	100		
153	113.3	89.8	134.6
152	53.0	43.4	65.0

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#52

3-Nitroaniline

Concen: 40.69 ng

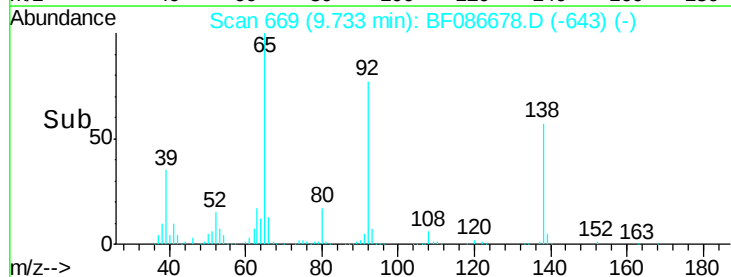
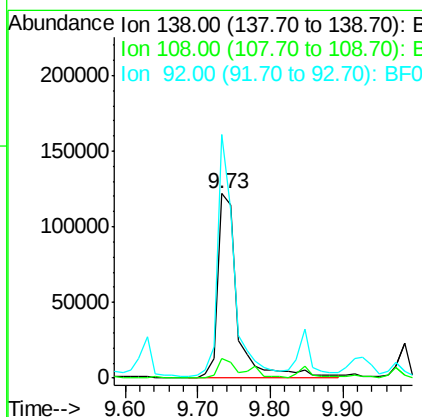
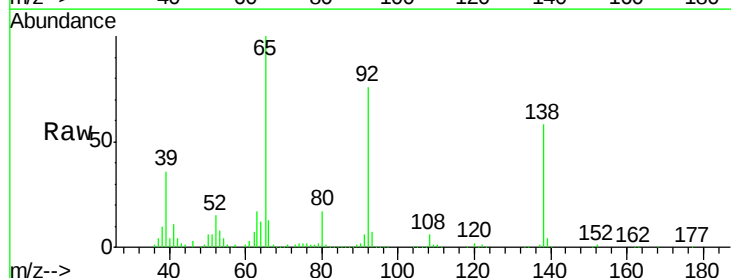
RT: 9.73 min Scan# 669

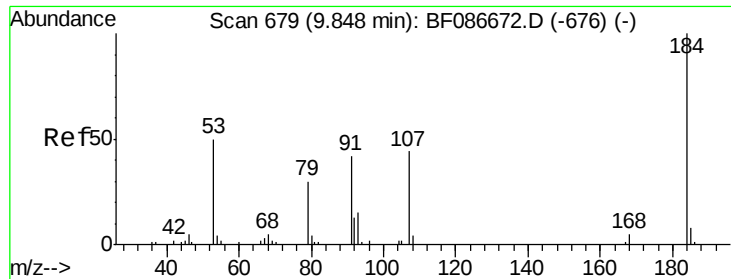
Delta R.T. 0.00 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Tgt Ion:	138	Resp:	225356
Ion Ratio	Lower	Upper	
138	100		
108	10.8	7.8	11.6
92	132.2	87.8	131.8#





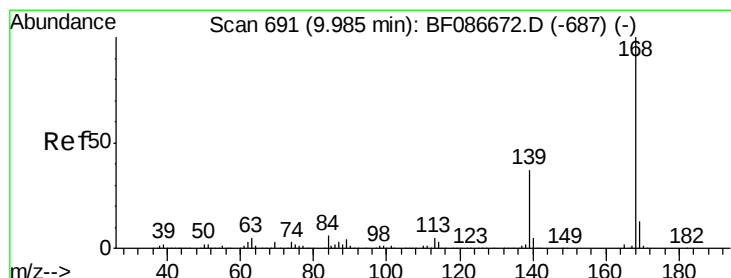
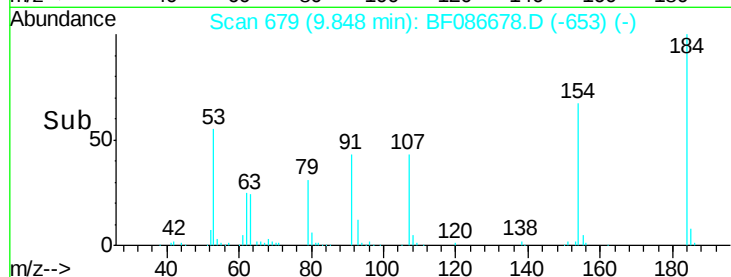
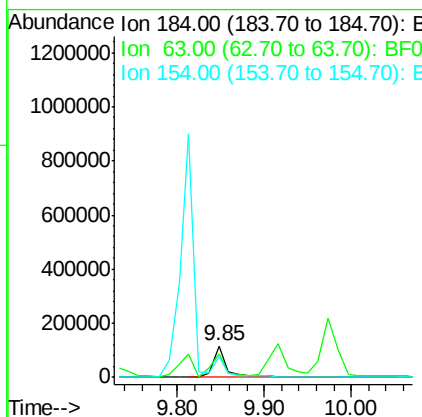
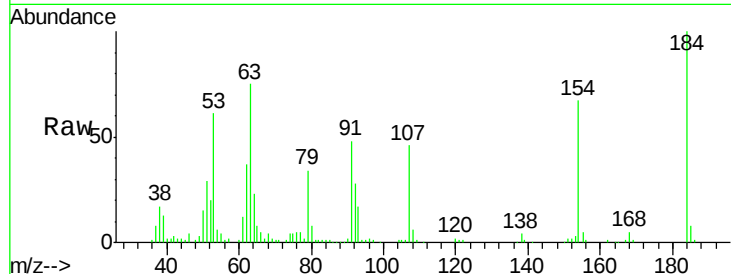
#53
 2,4-Dinitrophenol
 Concen: 71.50 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	132942		
63	74.9	55.8	83.8	
154	67.3	62.4	93.6	

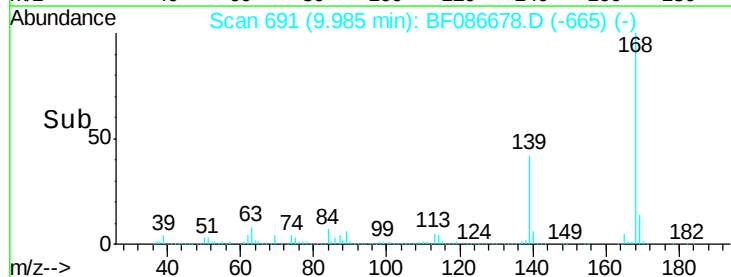
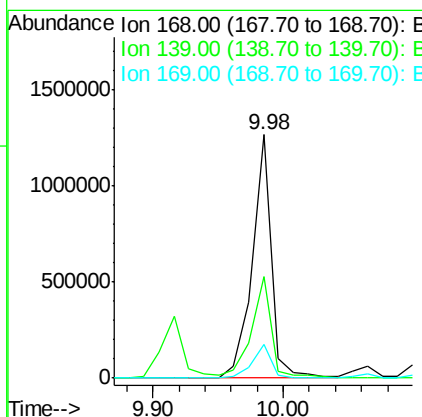
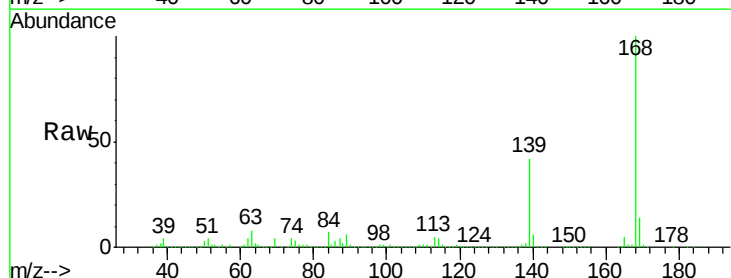
Manual Integrations
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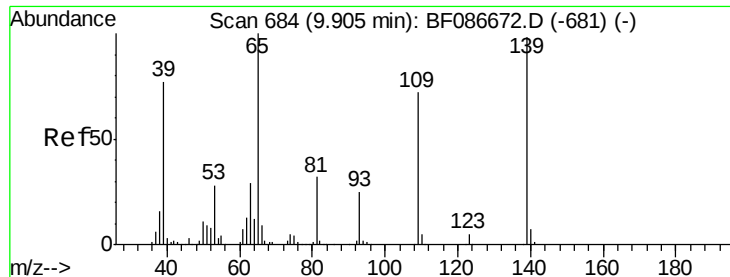
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#54
 Dibenzofuran
 Concen: 55.65 ng
 RT: 9.98 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1297615		
139	41.8	31.4	47.0	
169	13.6	10.7	16.1	





#55

4-Nitrophenol

Concen: 116.96 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Instrument :

BNA_F

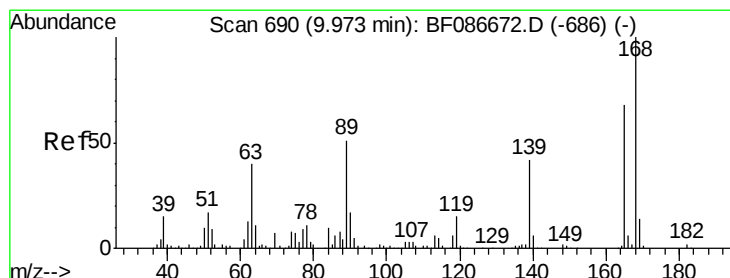
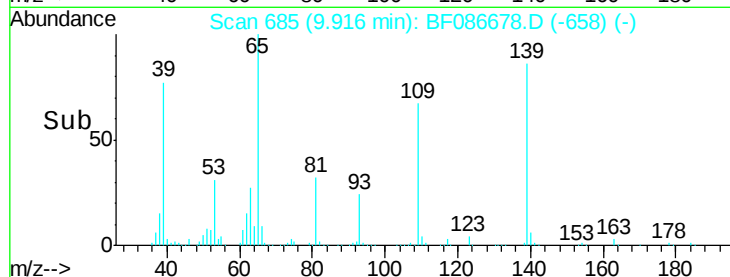
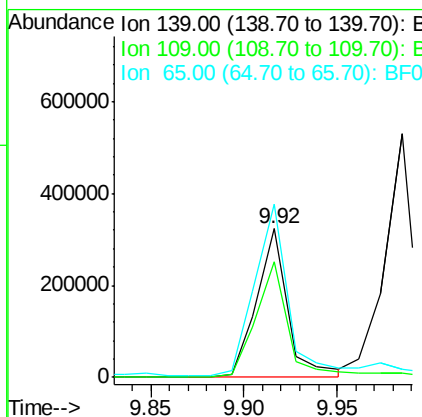
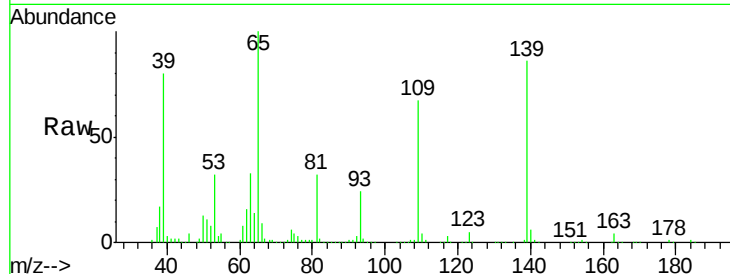
ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion:	139	Resp:	377643
Ion Ratio	Lower	Upper	
139	100		
109	77.8	36.9	76.9#
65	116.7	64.0	104.0#

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 48.41 ng

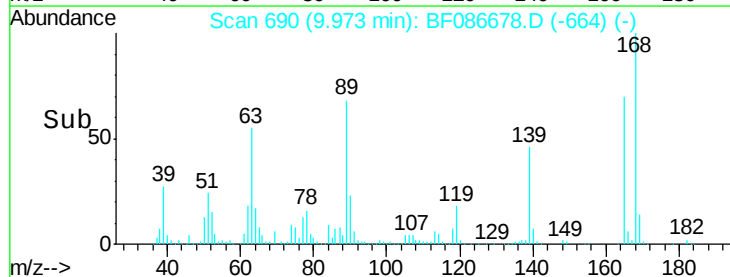
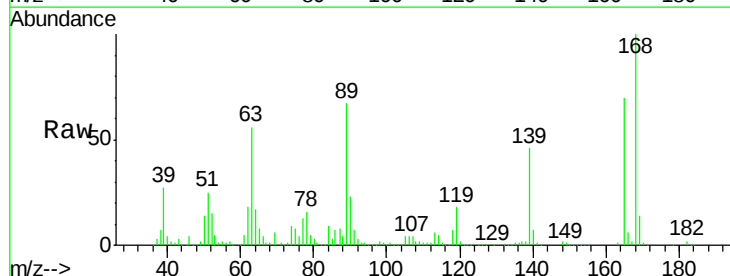
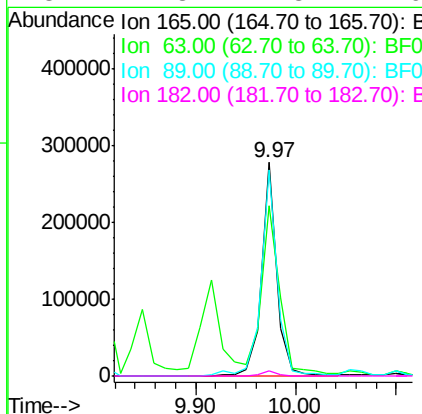
RT: 9.97 min Scan# 690

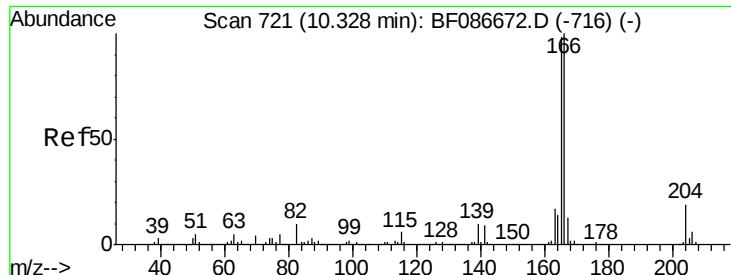
Delta R.T. 0.00 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Tgt Ion:	165	Resp:	292282
Ion Ratio	Lower	Upper	
165	100		
63	79.8	44.3	66.5#
89	96.3	70.0	105.0
182	2.3	1.8	2.6





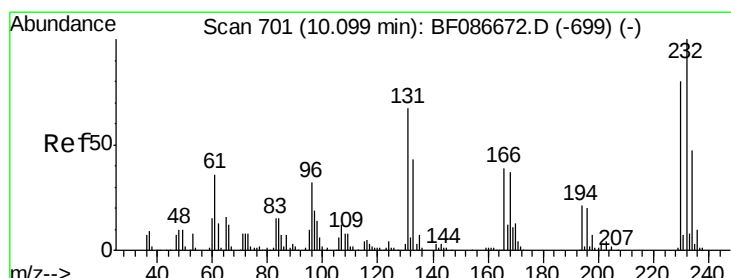
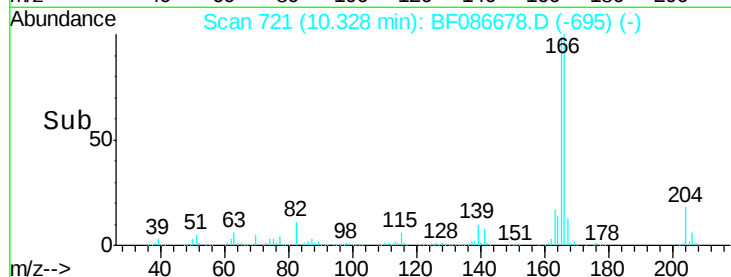
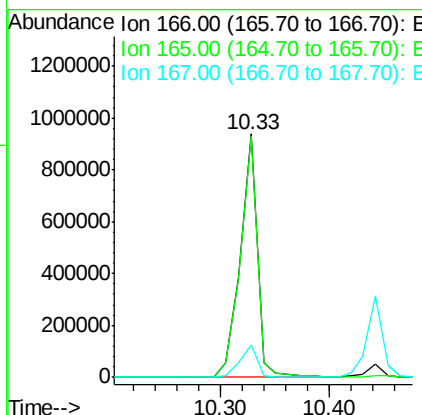
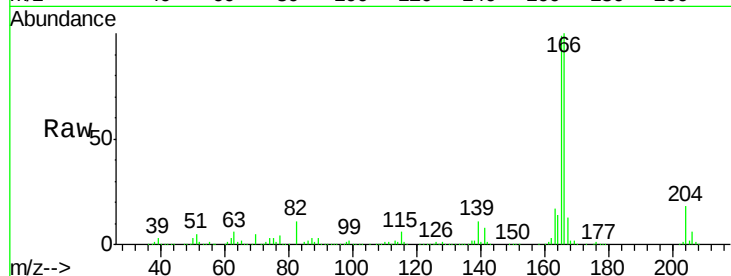
#57
 Fluorene
 Concen: 53.63 ng
 RT: 10.33 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.0	118.6
167	13.3	10.6	15.8

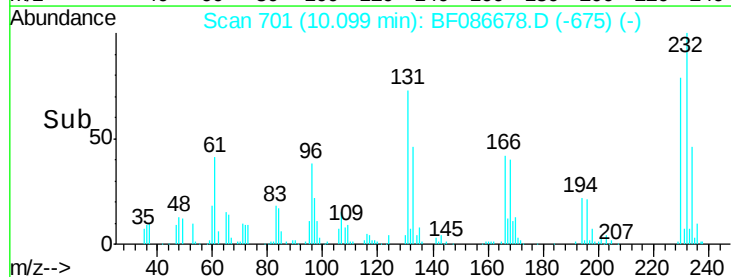
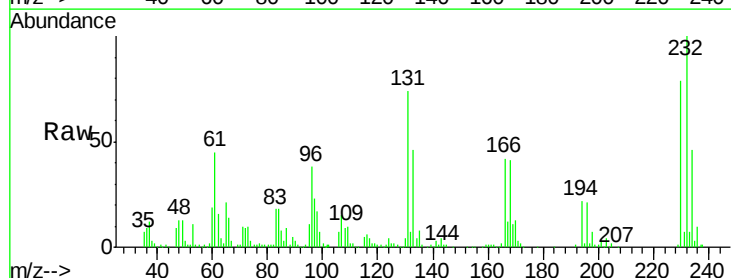
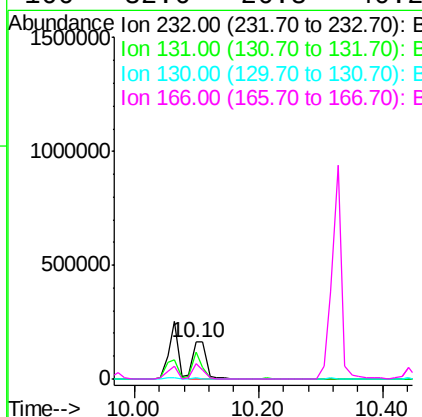
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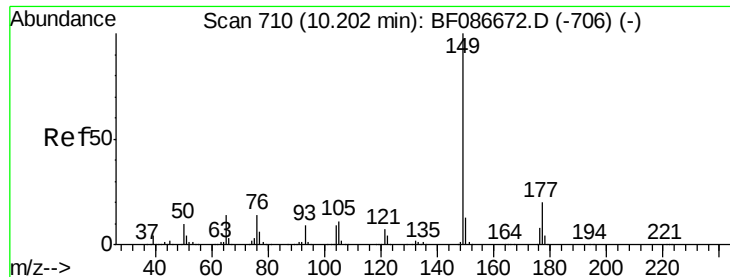
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 57.37 ng
 RT: 10.10 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.8	41.9	62.9
130	2.9	2.2	3.4
166	32.6	26.8	40.2





#59

Diethylphthalate

Concen: 51.56 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.01 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion:149 Resp: 1107796

Ion Ratio Lower Upper

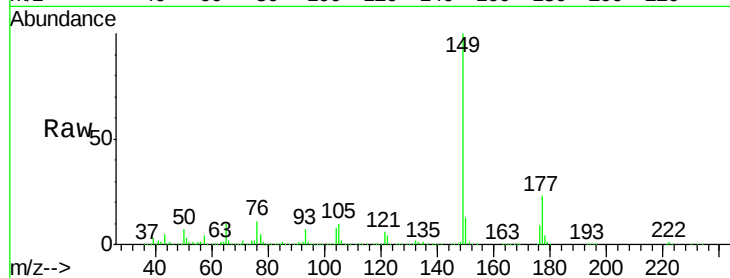
149 100

177 22.9 16.6 24.8

150 12.6 10.0 15.0

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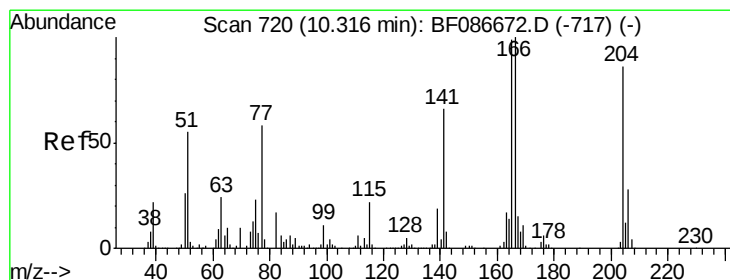
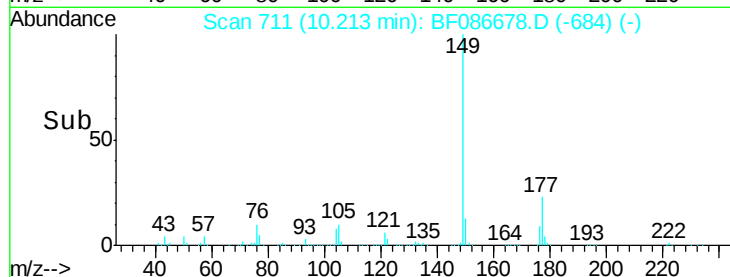
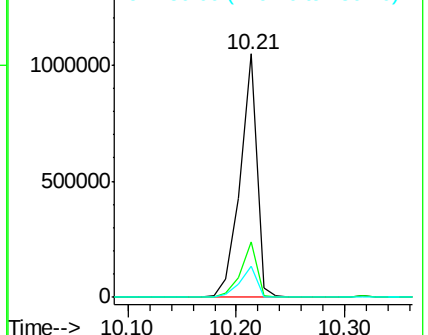
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.34 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

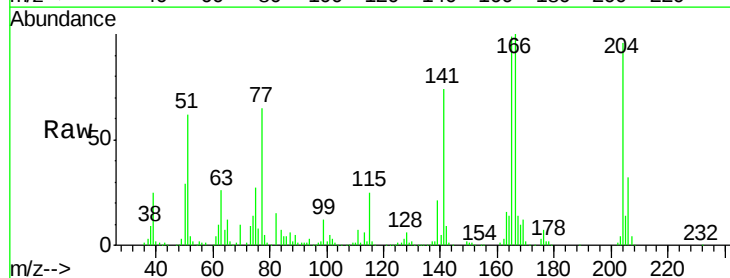
Tgt Ion:204 Resp: 416375

Ion Ratio Lower Upper

204 100

206 32.9 25.4 38.0

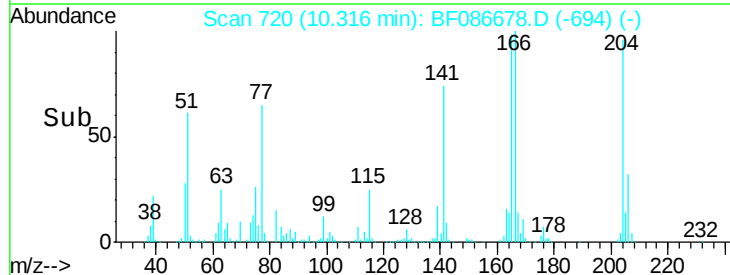
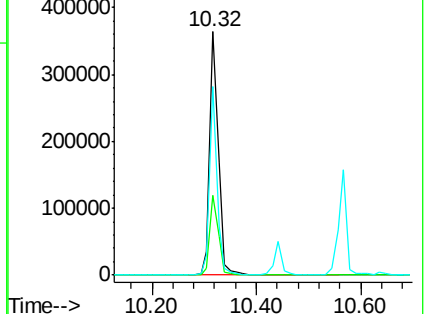
141 77.6 61.6 92.4

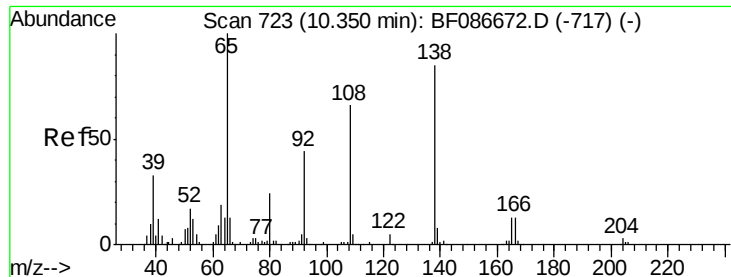


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 52.99 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Instrument :

BNA_F

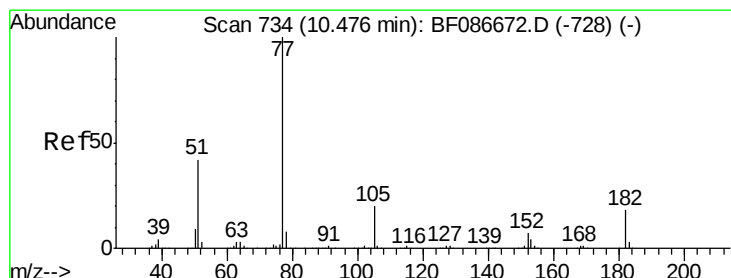
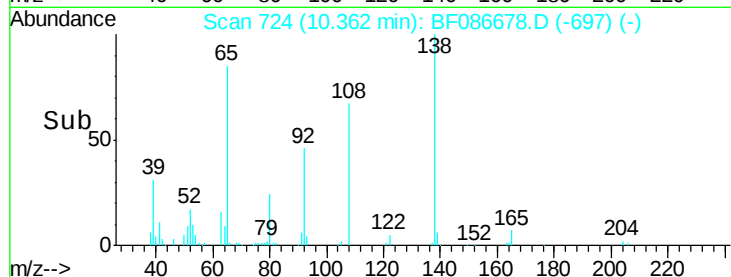
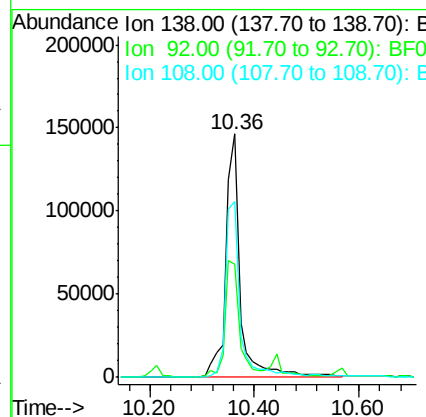
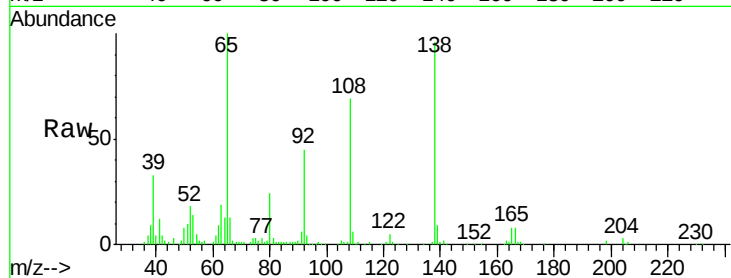
ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion:	138	Resp:	281963
Ion Ratio	Lower	Upper	
138	100		
92	46.5	24.7	64.7
108	71.9	37.4	77.4

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#62

Azobenzene

Concen: 51.44 ng

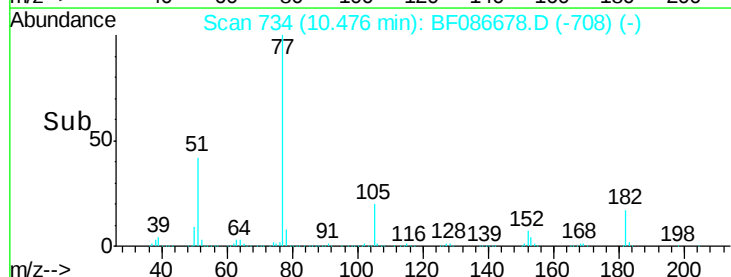
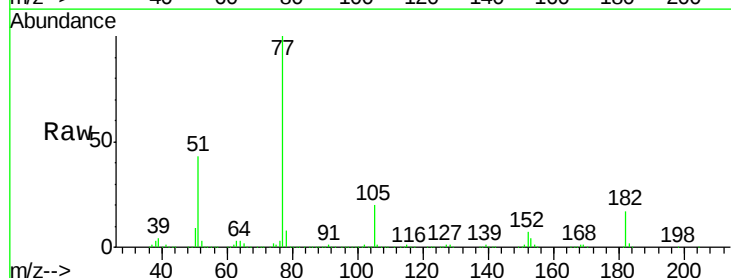
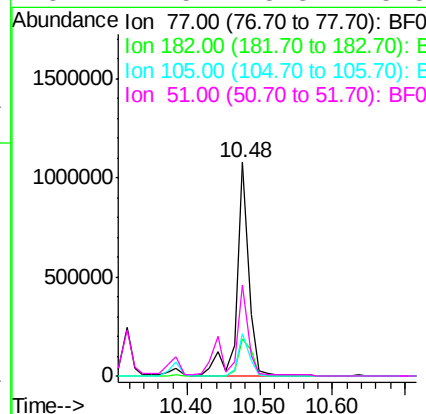
RT: 10.48 min Scan# 734

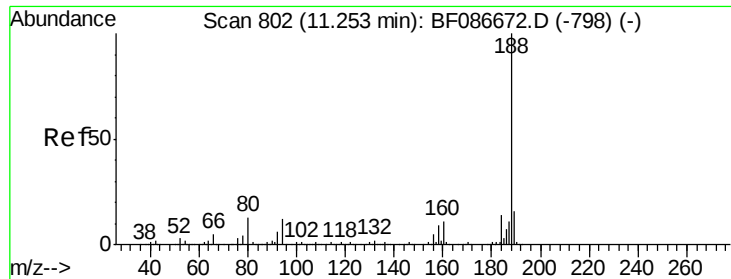
Delta R.T. 0.00 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Tgt Ion:	77	Resp:	1224857
Ion Ratio	Lower	Upper	
77	100		
182	17.1	0.0	38.8
105	19.9	3.2	43.2
51	42.5	8.8	48.8





#63

Phenanthrene-d10

Concen: 40.00 ng

RT: 11.25 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Instrument :

BNA_F

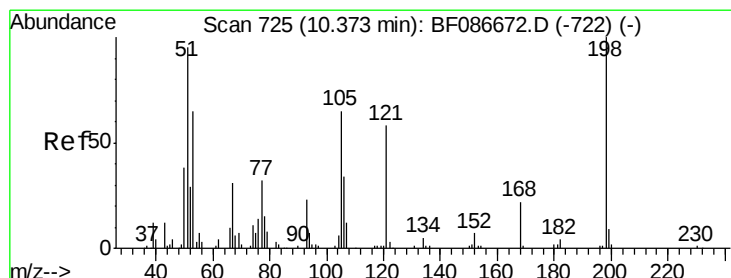
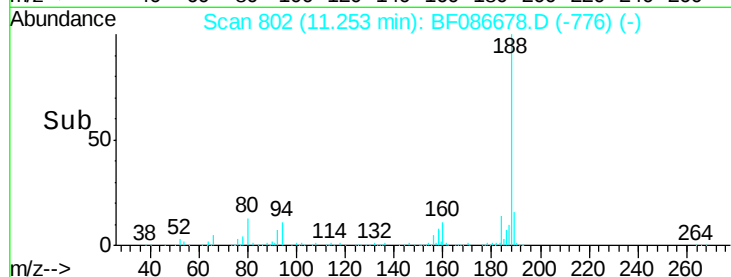
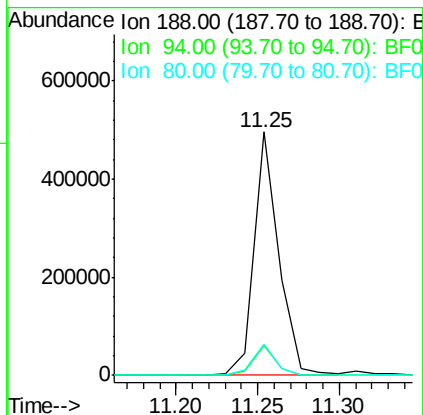
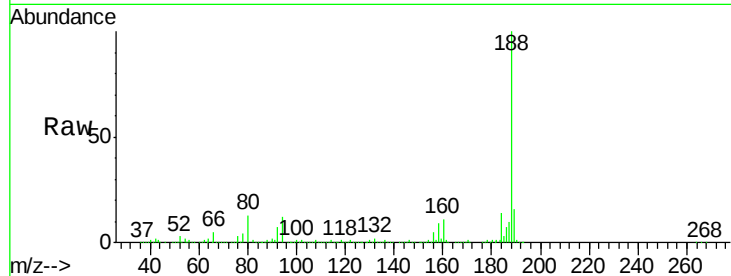
ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion:	188	Resp:	521581
Ion Ratio	Lower	Upper	
188	100		
94	12.0	6.8	10.2#
80	13.0	7.1	10.7#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 57.40 ng

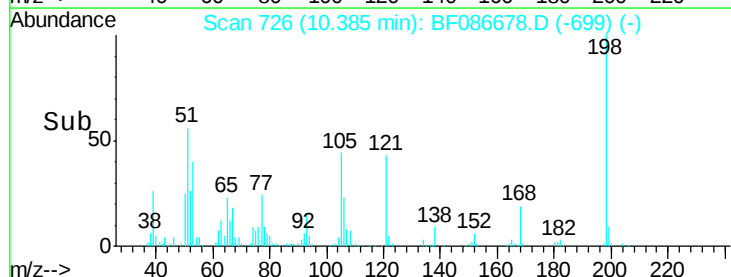
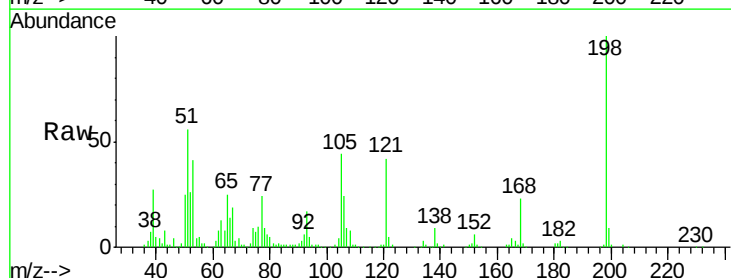
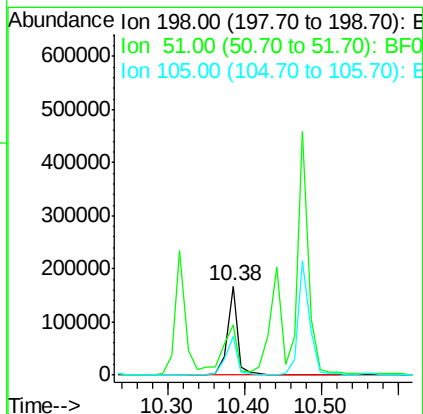
RT: 10.38 min Scan# 726

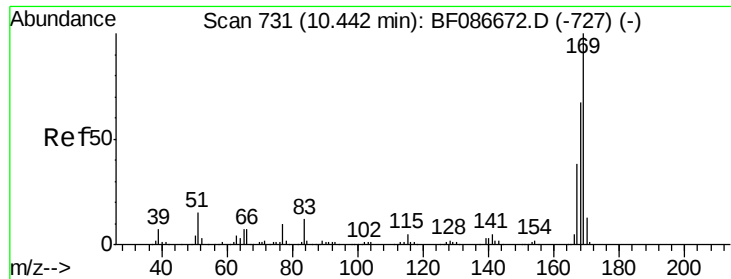
Delta R.T. 0.01 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Tgt Ion:	198	Resp:	161827
Ion Ratio	Lower	Upper	
198	100		
51	56.4	20.5	60.5
105	43.7	24.5	64.5





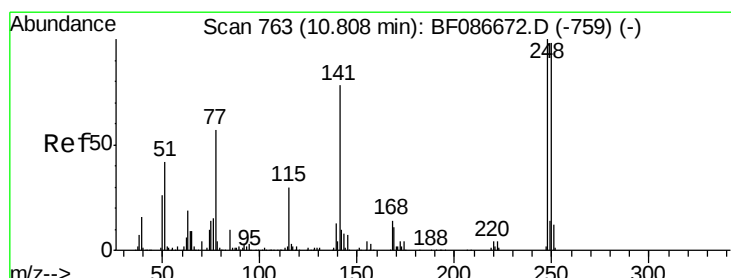
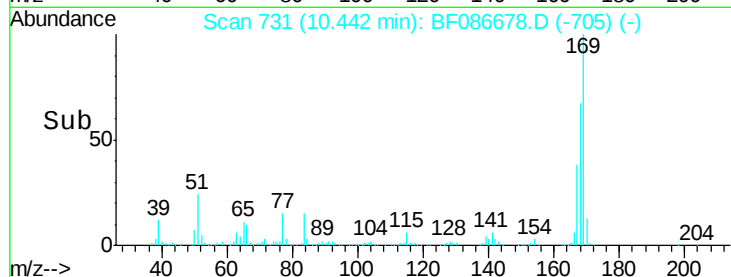
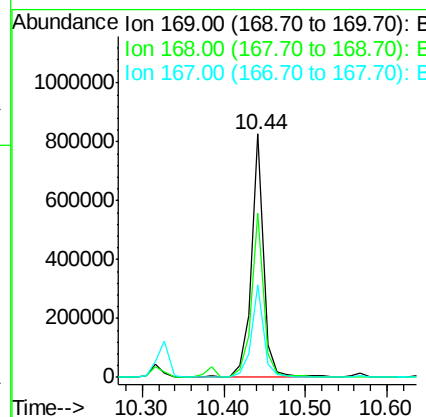
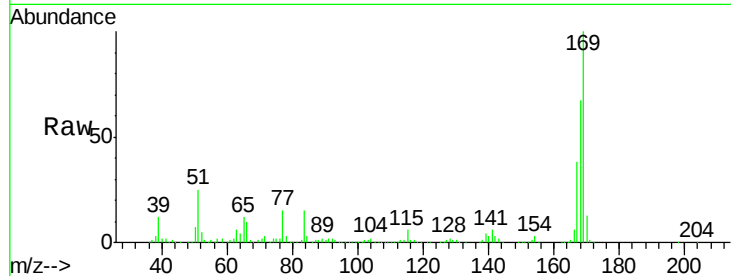
#65
n-Nitrosodiphenylamine
Concen: 51.38 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF086678.D
Acq: 4 May 2016 15:53

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	850962		
168	67.5	53.8	80.6	
167	37.9	29.5	44.3	

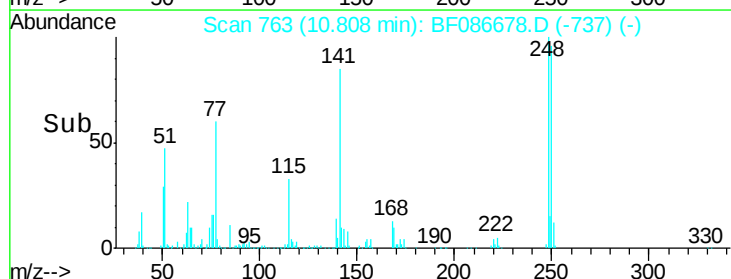
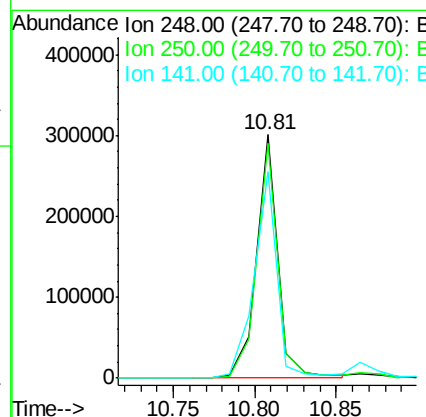
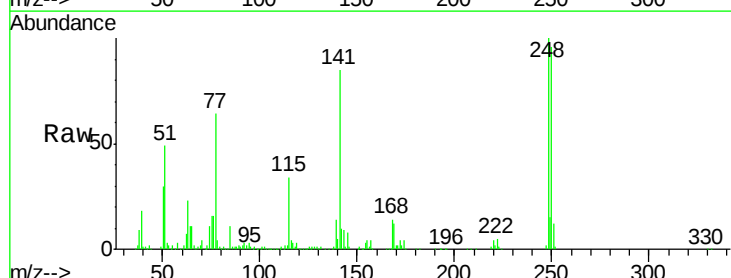
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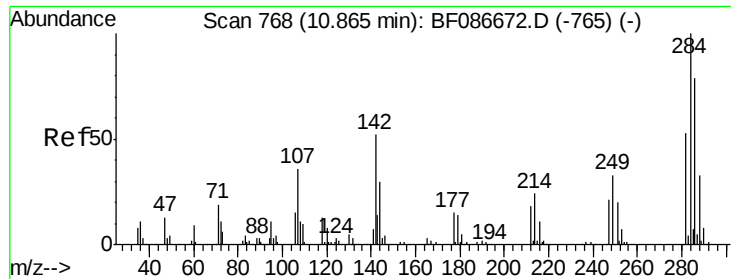
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#66
4-Bromophenyl-phenylether
Concen: 52.99 ng
RT: 10.81 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF086678.D
Acq: 4 May 2016 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	274654		
250	96.2	78.6	117.8	
141	84.9	76.0	114.0	





#67

Hexachlorobenzene

Concen: 50.45 ng

RT: 10.88 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Instrument :

BNA_F

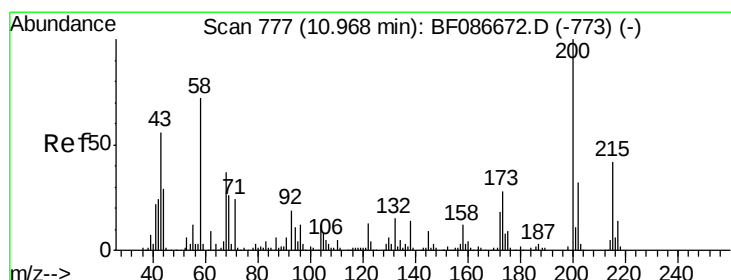
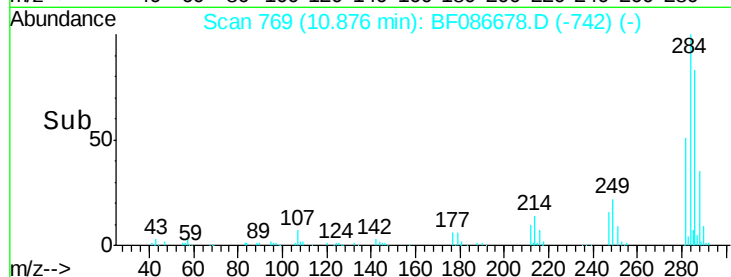
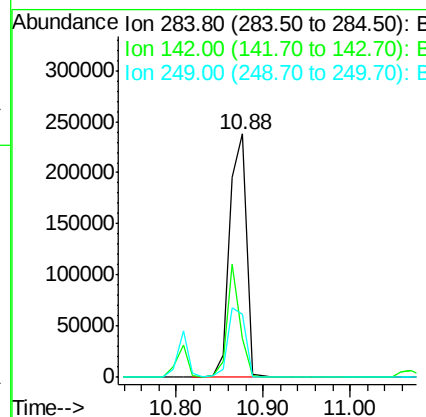
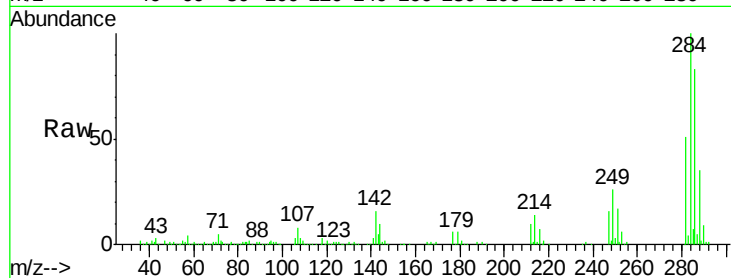
ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion:	284	Resp:	318855
Ion Ratio	Lower	Upper	
284	100		
142	16.0	16.7	25.1#
249	25.7	21.3	31.9

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#68

Atrazine

Concen: 57.84 ng

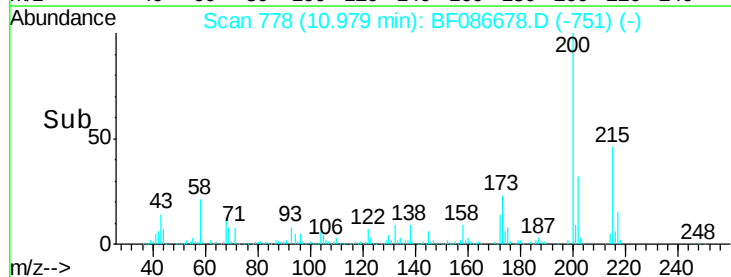
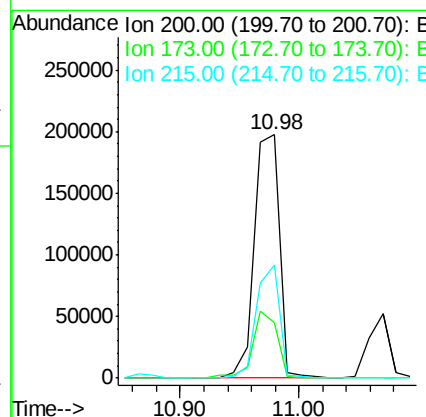
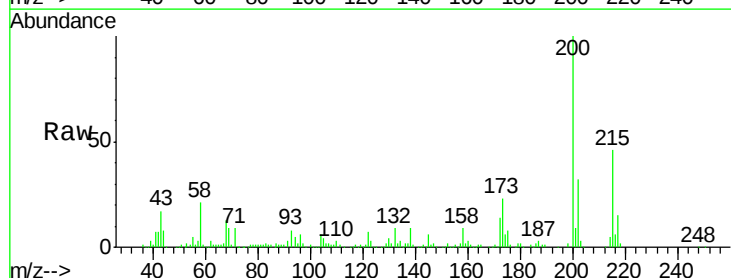
RT: 10.98 min Scan# 778

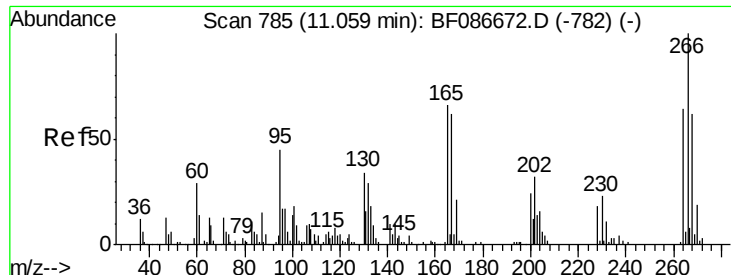
Delta R.T. 0.01 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Tgt Ion:	200	Resp:	293567
Ion Ratio	Lower	Upper	
200	100		
173	22.6	8.5	48.5
215	46.3	27.2	67.2





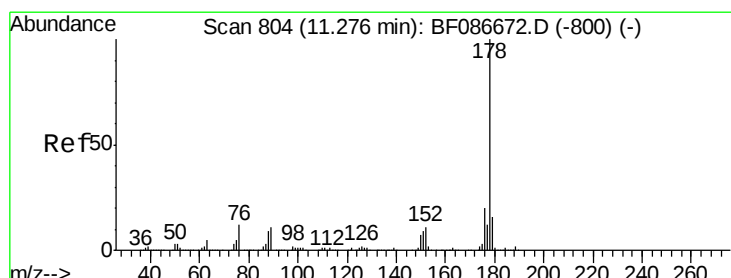
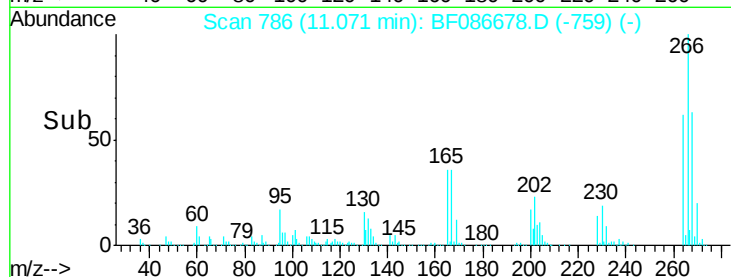
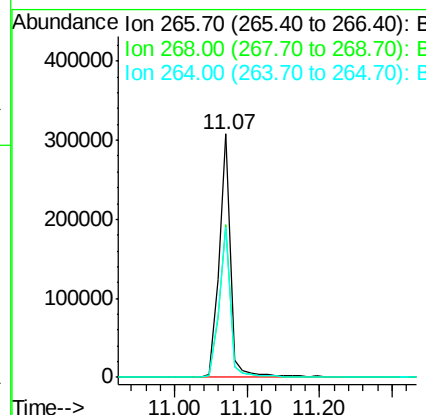
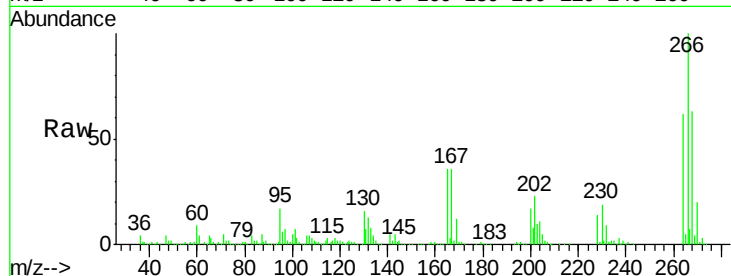
#69
 Pentachlorophenol
 Concen: 107.28 ng
 RT: 11.07 min Scan# 786
 Delta R.T. 0.01 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	335663		
268	62.7	51.5	77.3	
264	61.7	52.9	79.3	

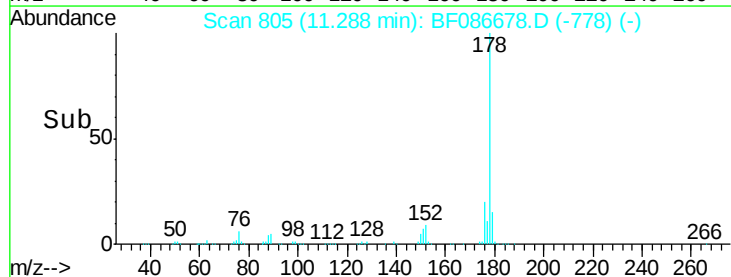
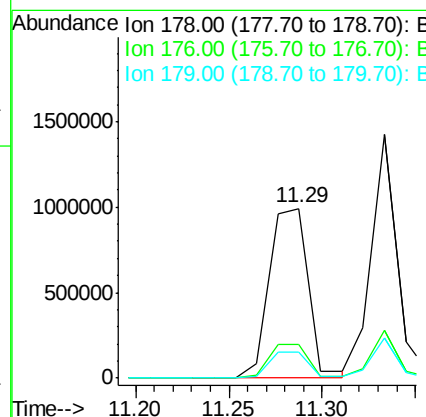
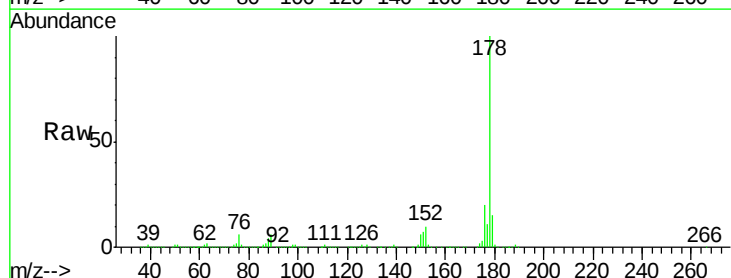
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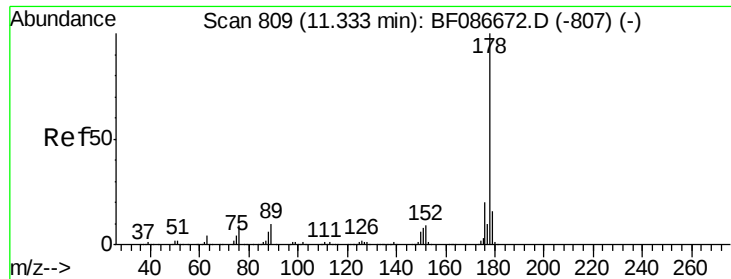
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#70
 Phenanthrene
 Concen: 52.14 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1460730		
176	19.8	16.0	24.0	
179	15.0	12.6	18.8	





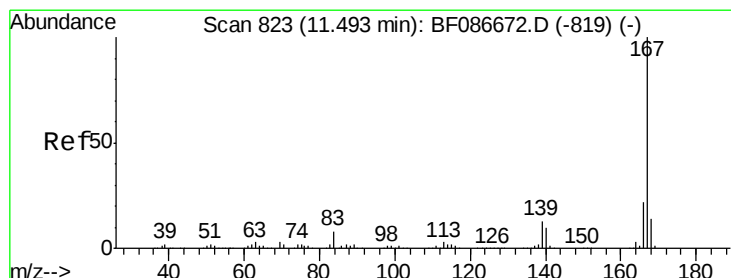
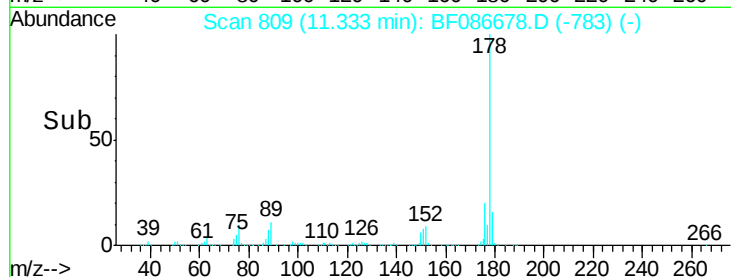
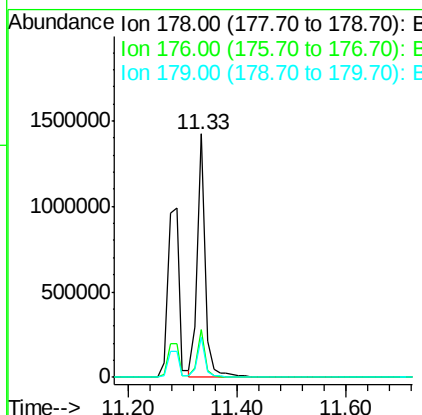
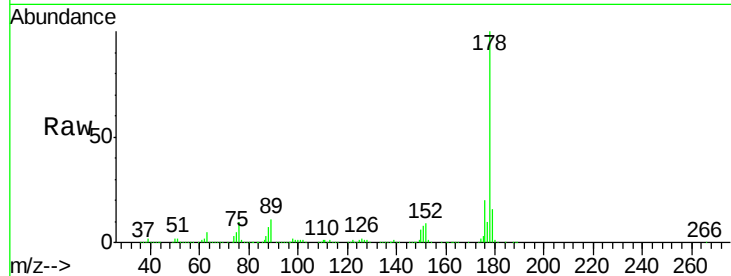
#71
 Anthracene
 Concen: 48.99 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion:178 Resp: 1437224
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.6 23.4
 179 16.3 12.7 19.1

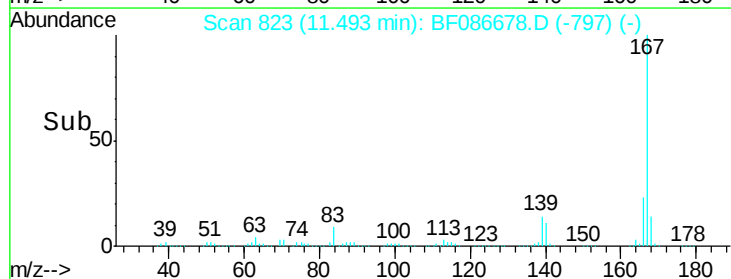
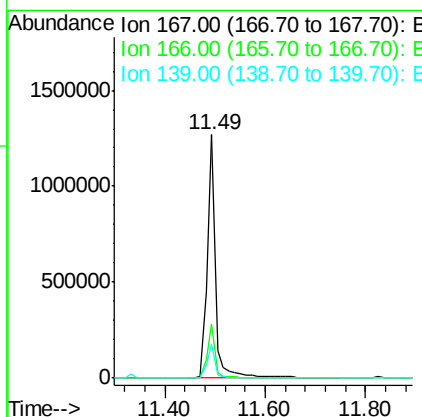
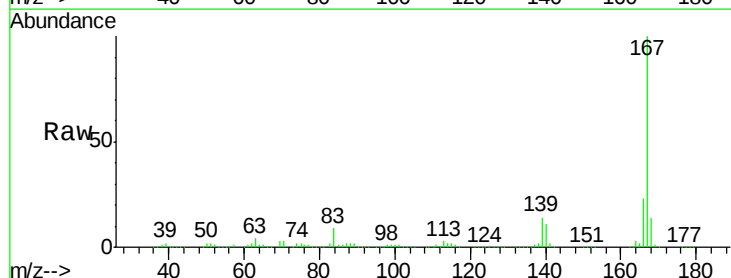
Manual Integrations
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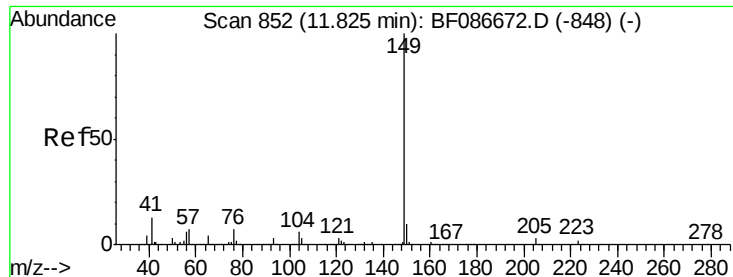
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#72
 Carbazole
 Concen: 56.86 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

Tgt Ion:167 Resp: 1448789
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.7 26.5
 139 14.1 10.8 16.2





#73

Di-n-butylphthalate

Concen: 47.44 ng

RT: 11.82 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Instrument :

BNA_F

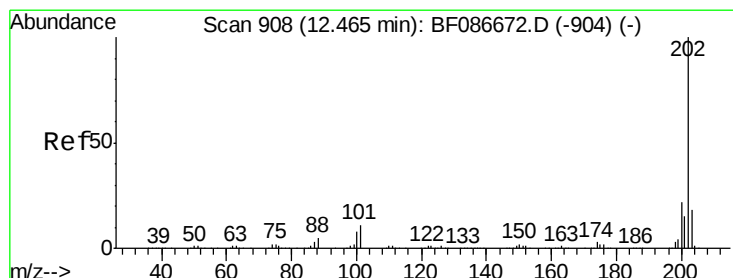
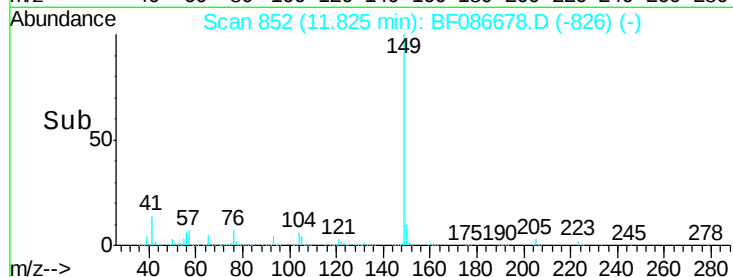
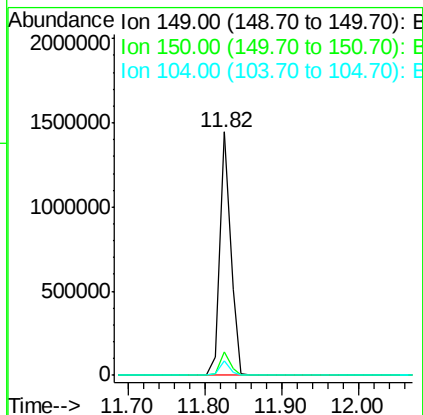
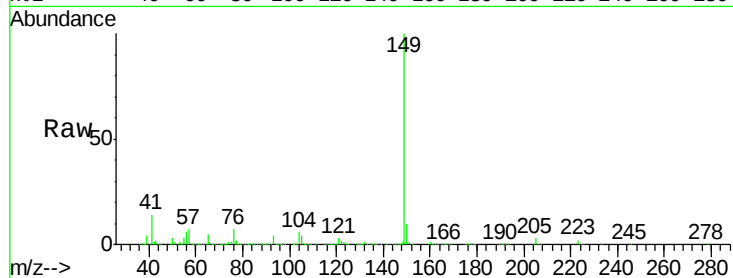
ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion:	149	Resp:	1434971
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.6	11.4
104	6.1	3.8	5.6#

Manual Integrations
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#74

Fluoranthene

Concen: 50.24 ng

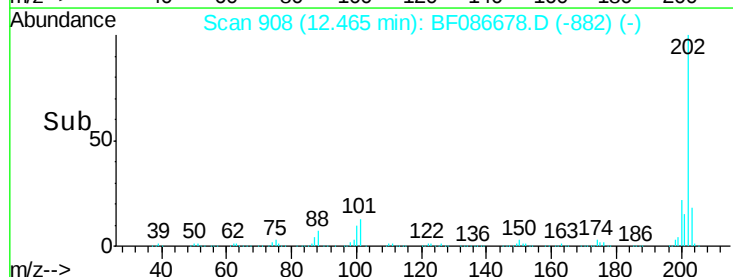
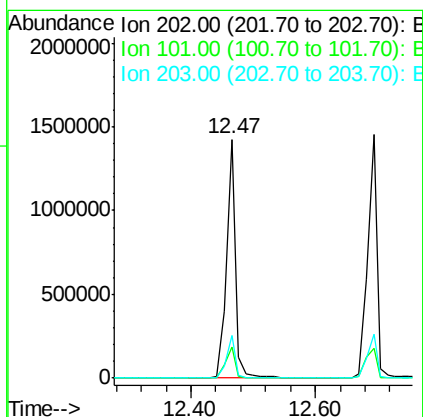
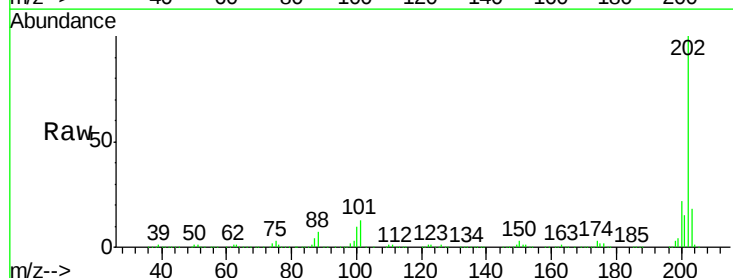
RT: 12.47 min Scan# 908

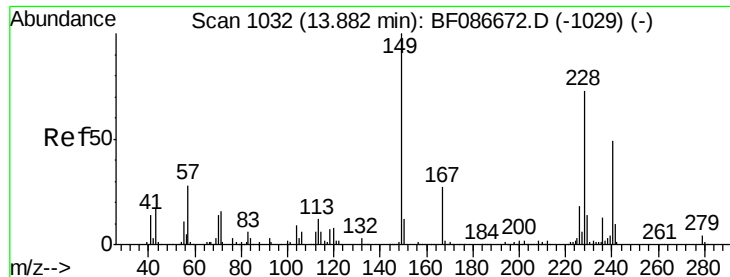
Delta R.T. 0.00 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Tgt Ion:	202	Resp:	1410465
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	35.4
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Instrument :

BNA_F

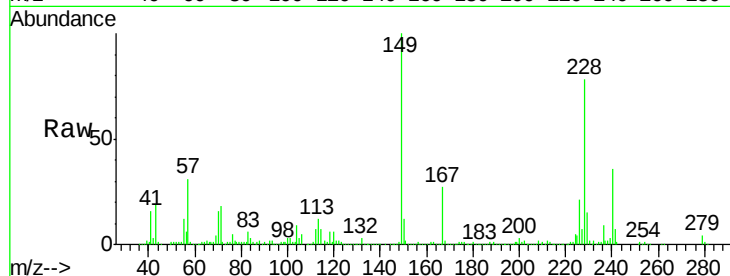
ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)MSD

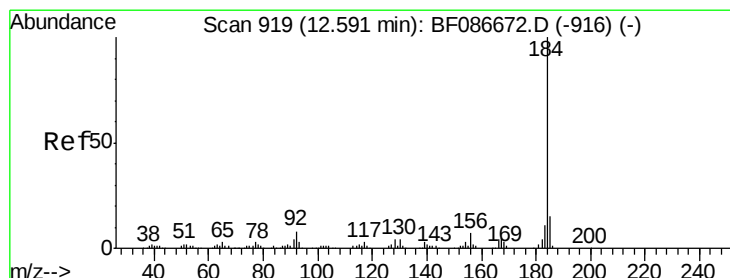
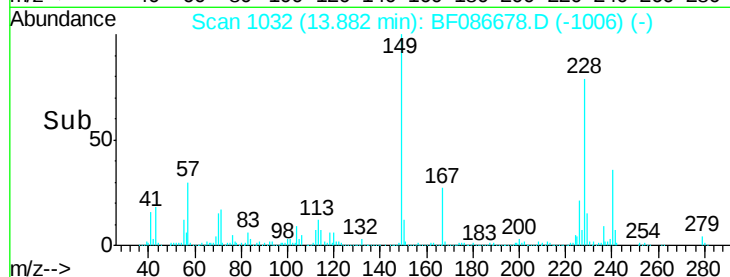
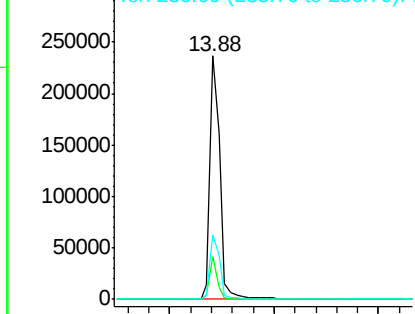
Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	17.3	11.2	16.8	
236	26.4	21.2	31.8	

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



#76

Benzidine

Concen: 57.58 ng

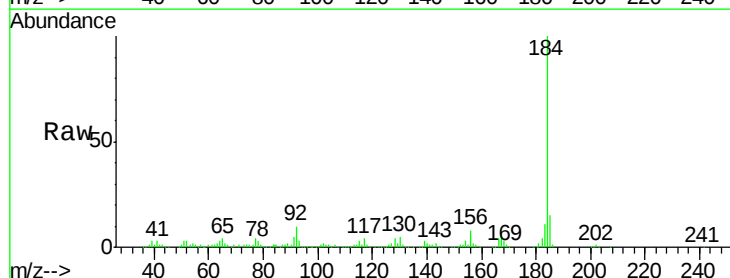
RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

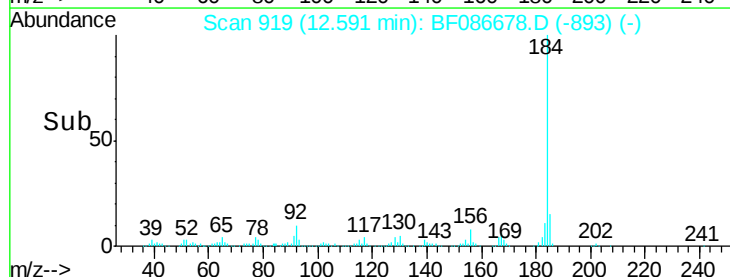
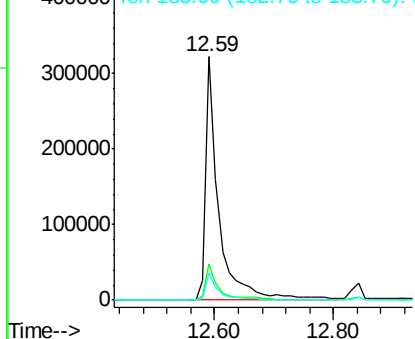
Lab File: BF086678.D

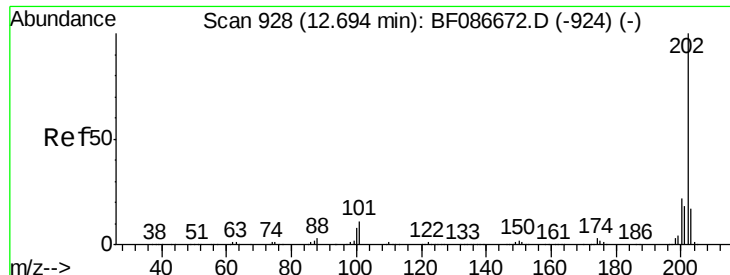
Acq: 4 May 2016 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.0	13.6	20.4	
183	11.4	9.8	14.6	



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





#77

Pvrene

Concen: 59.72 ng

RT: 12.69 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF086678.D

Acq: 4 May 2016 15:53

Instrument :

BNA_F

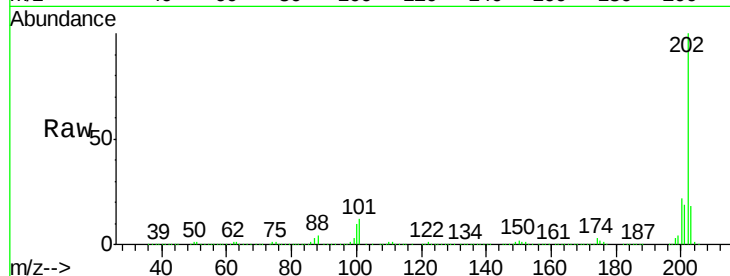
ClientSampleId :

26WARD-3-CS-6(12-25FTBGS)MSD

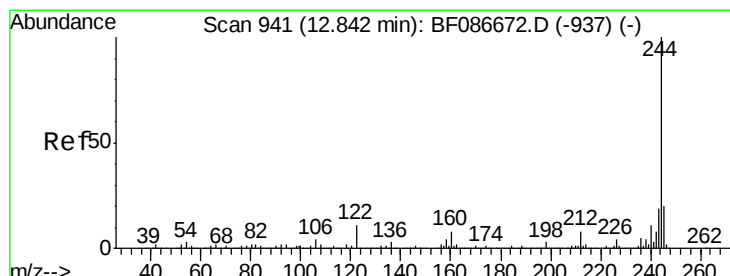
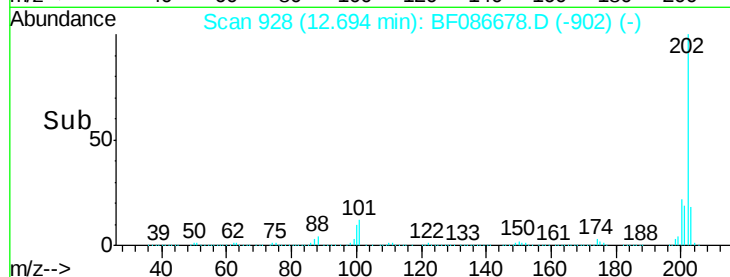
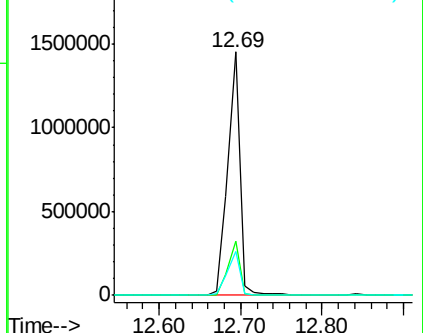
Tot Ion:	202	Resp:	1491025
Ion Ratio		Lower	Upper
202	100		
200	22.3	17.7	26.5
203	17.8	14.2	21.4

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Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 92.34 ng

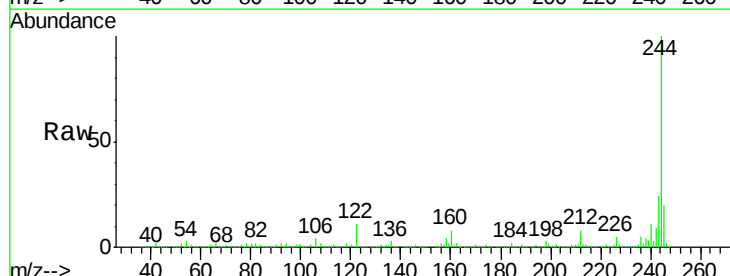
RT: 12.84 min Scan# 941

Delta R.T. 0.00 min

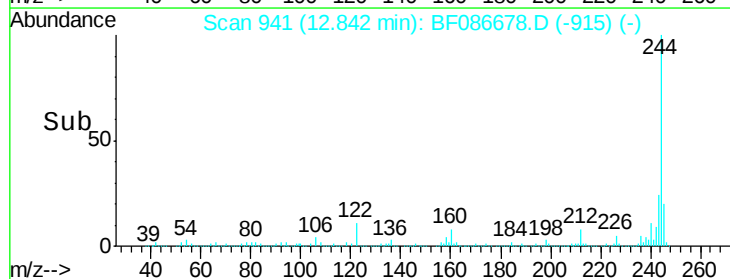
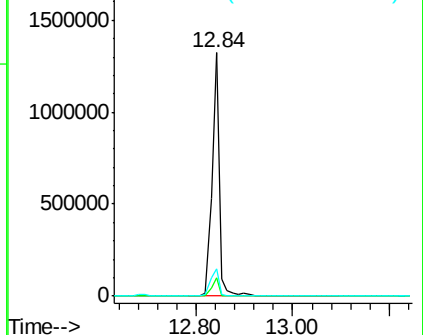
Lab File: BF086678.D

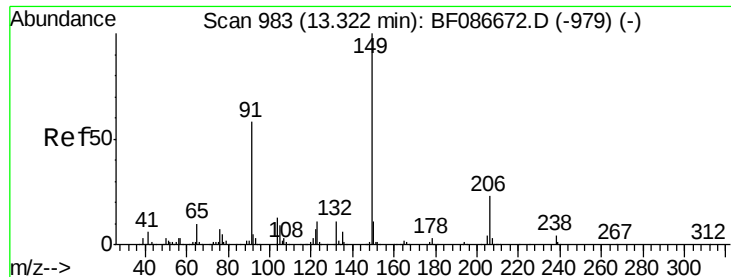
Acq: 4 May 2016 15:53

Tgt Ion:	244	Resp:	1430807
Ion Ratio		Lower	Upper
244	100		
212	7.8	6.2	9.2
122	11.0	12.0	18.0#



Abundance Ion 244.00 (243.70 to 244.70): E
1500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





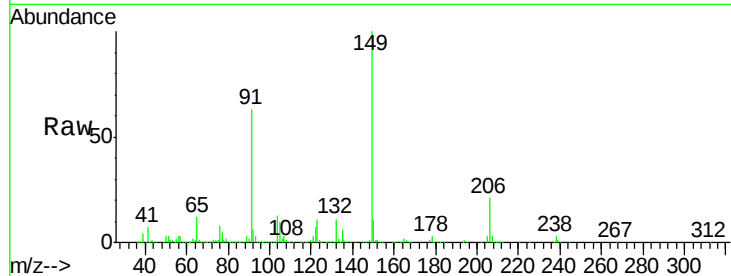
#79
Butylbenzylphthalate
Concen: 61.61 ng
RT: 13.32 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF086678.D
Acq: 4 May 2016 15:53

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)MSD

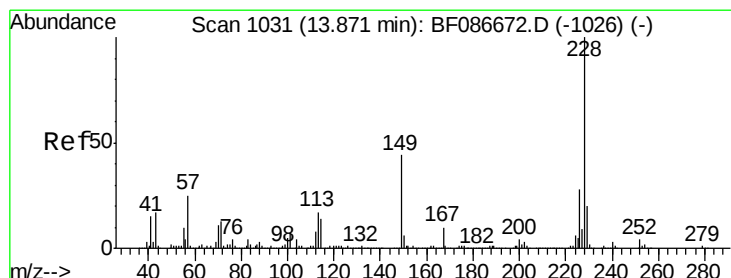
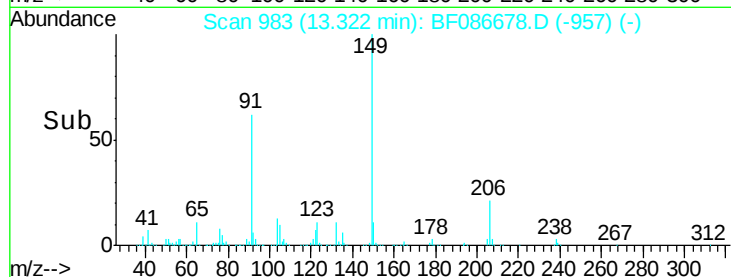
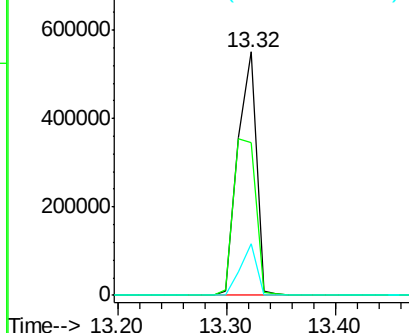
Tot Ion	Ratio	Resp	Lower	Upper
149	100	644259		
91	62.6	48.0	72.0	
206	21.2	15.8	23.6	

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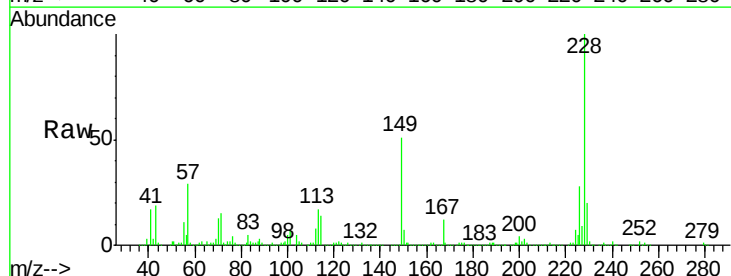


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

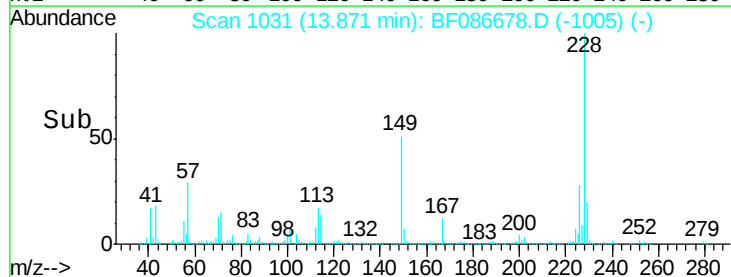
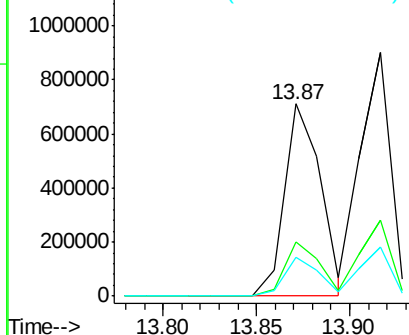


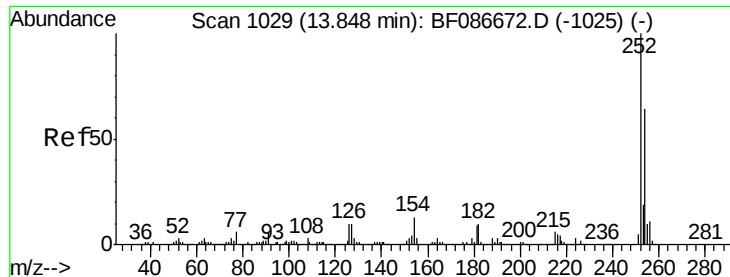
#80
Benzo(a)anthracene
Concen: 53.94 ng
RT: 13.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF086678.D
Acq: 4 May 2016 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	955344		
226	27.9	22.5	33.7	
229	20.2	16.6	25.0	



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





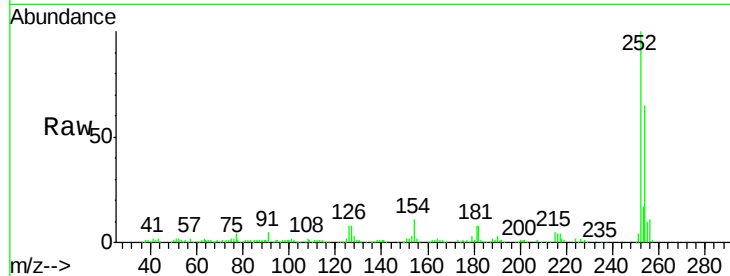
#81
 3,3'-Dichlorobenzidine
 Concen: 25.10 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-6(12-25FTBGS)MSD

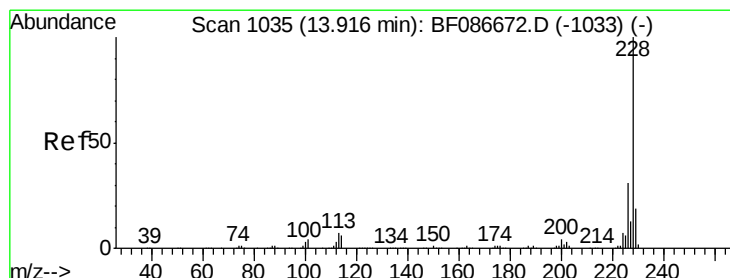
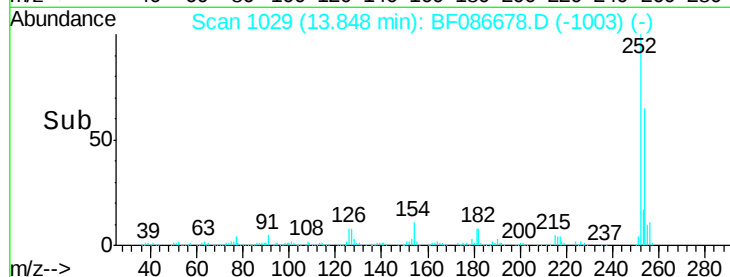
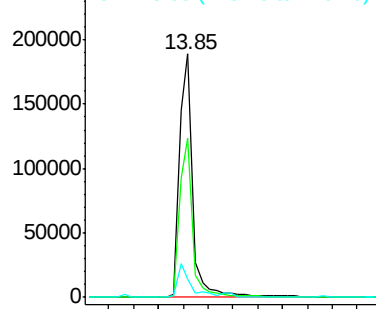
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.7	76.1
126	7.8	12.7	19.1

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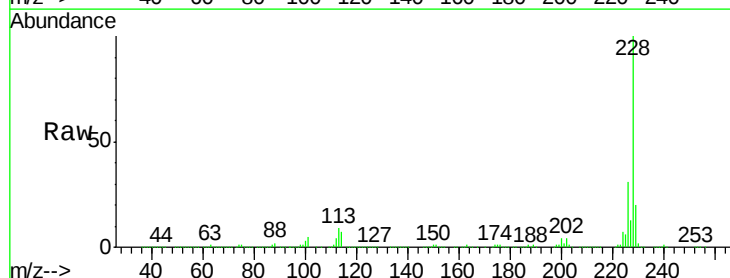


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

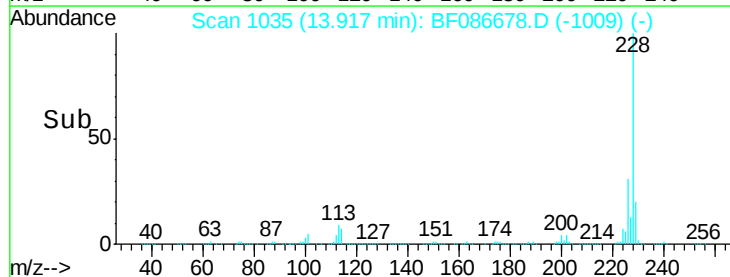
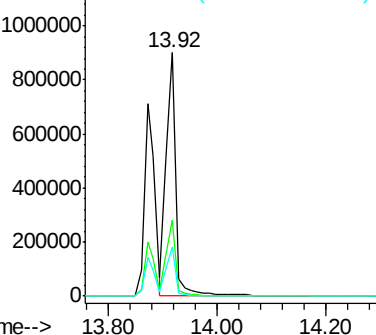


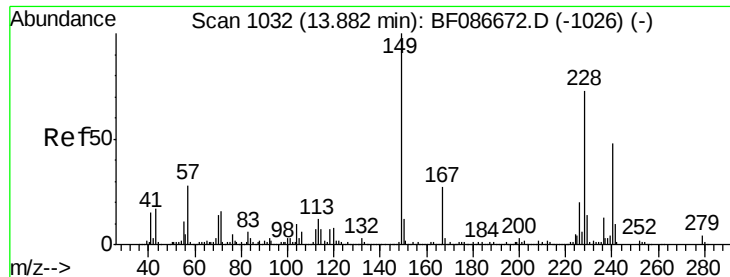
#82
 Chrysene
 Concen: 57.76 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	20.1	15.8	23.8



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





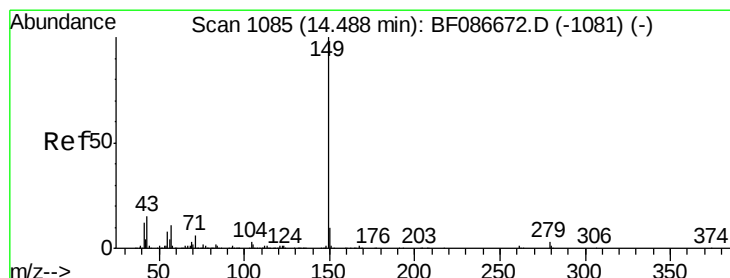
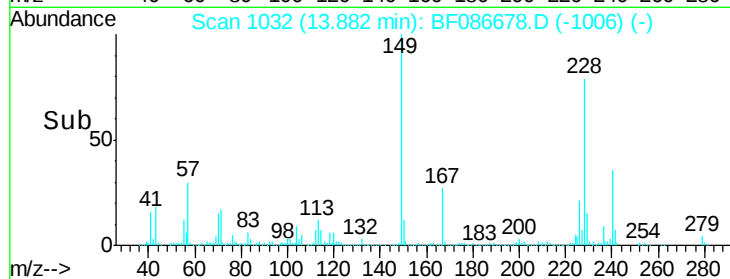
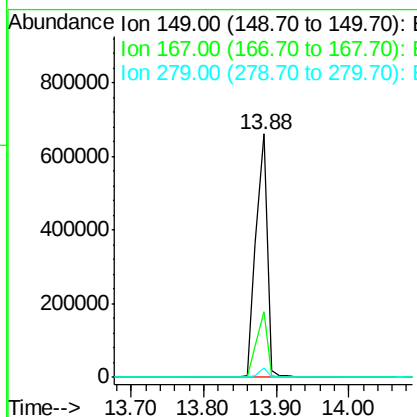
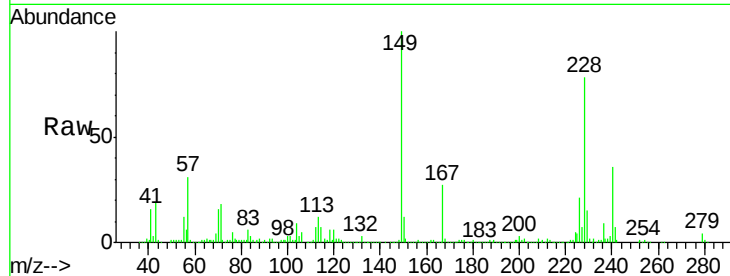
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.83 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion:	149	Resp:	724043
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.8	32.6
279	4.0	2.6	4.0

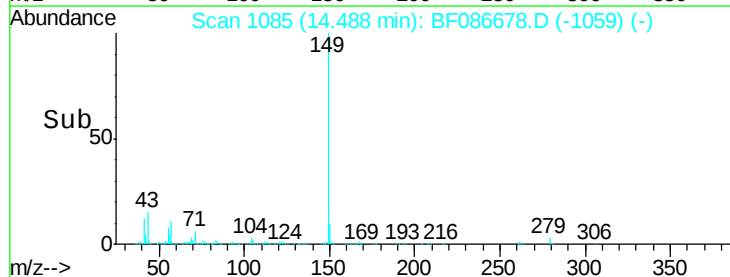
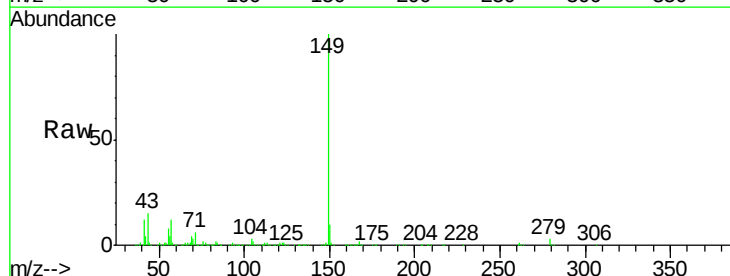
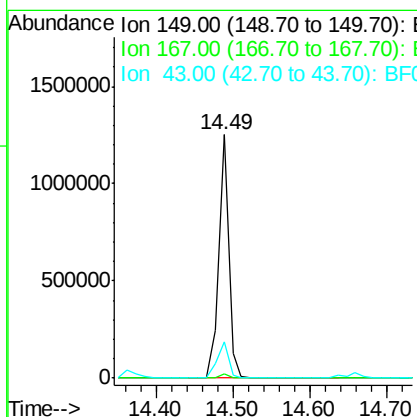
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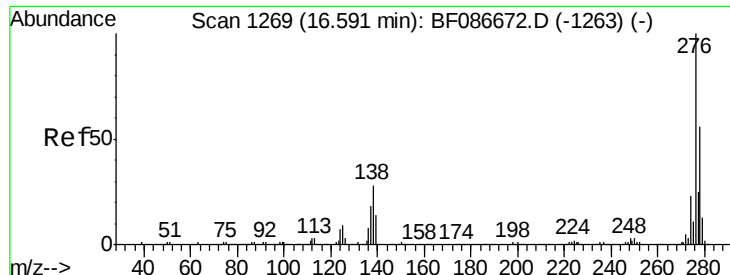
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#84
 Di-n-octyl phthalate
 Concen: 63.80 ng
 RT: 14.49 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

Tgt Ion:	149	Resp:	1136111
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	16.1	8.2	12.4#





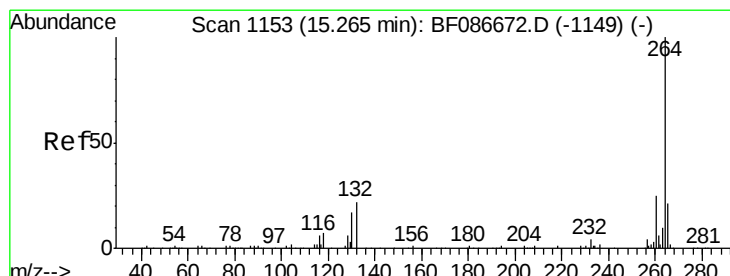
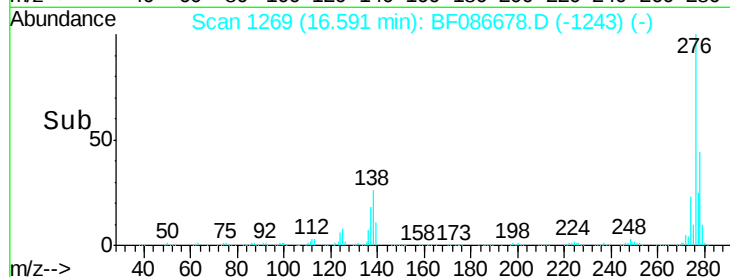
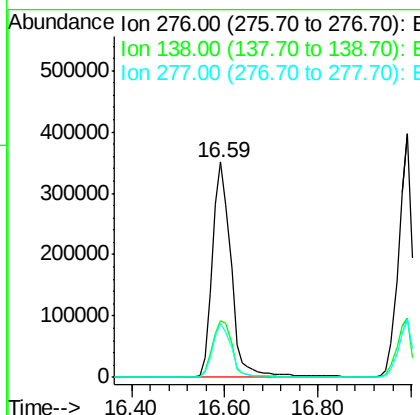
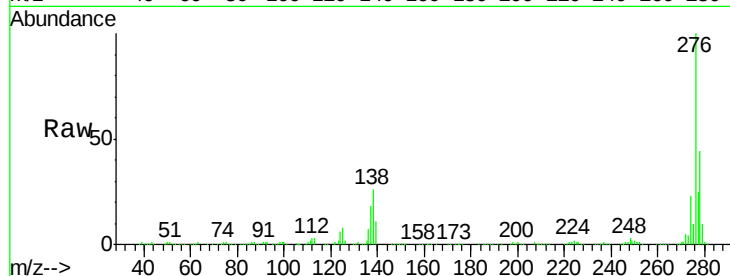
#85
Indeno(1,2,3-cd)pyrene
Concen: 60.78 ng
RT: 16.59 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF086678.D
Acq: 4 May 2016 15:53

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion:	276	Resp:	985323
Ion Ratio	Lower	Upper	
276	100		
138	28.2	25.6	38.4
277	25.4	20.5	30.7

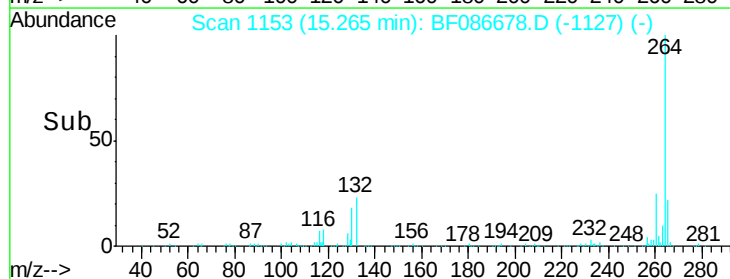
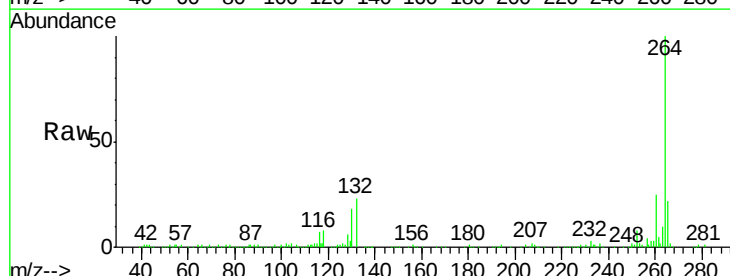
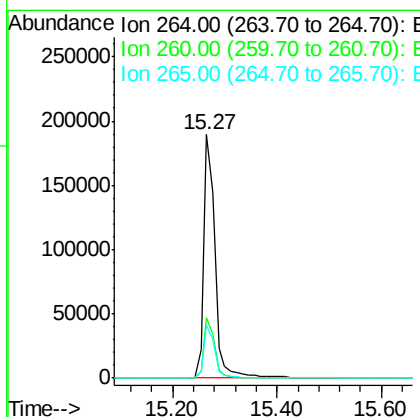
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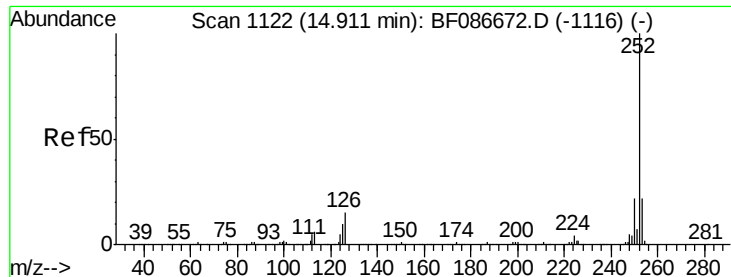
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#86
Perylene-d12
Concen: 40.00 ng
RT: 15.27 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF086678.D
Acq: 4 May 2016 15:53

Tgt Ion:	264	Resp:	286186
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.5	29.3
265	21.6	17.3	25.9





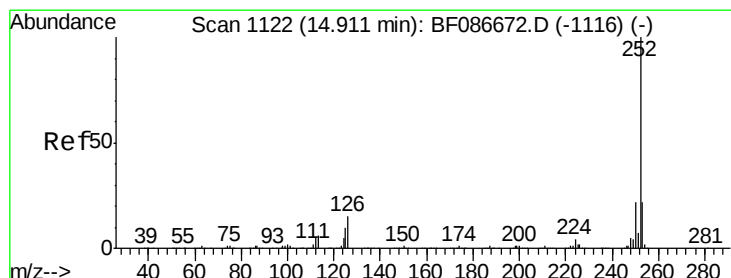
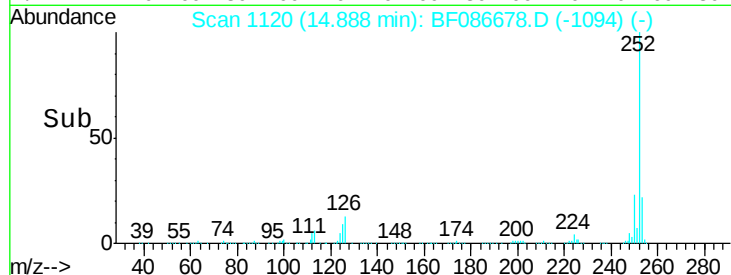
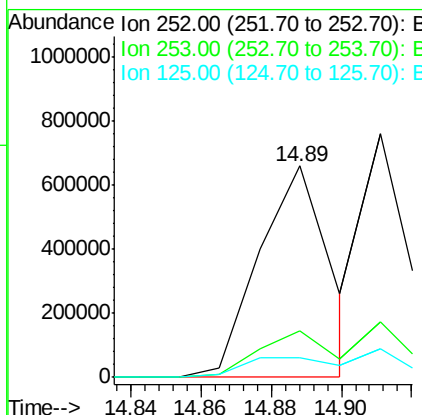
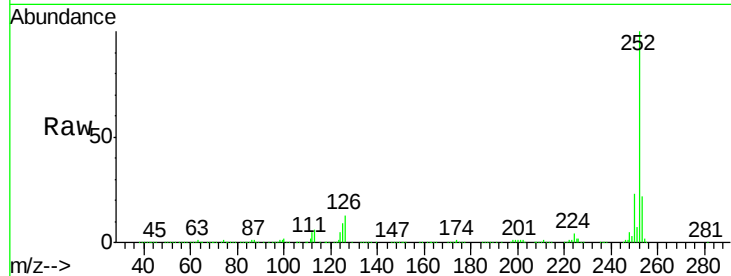
#87
Benzo(b)fluoranthene
Concen: 54.05 ng m
RT: 14.89 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BF086678.D
Acq: 4 May 2016 15:53

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	9.3	11.4	17.0

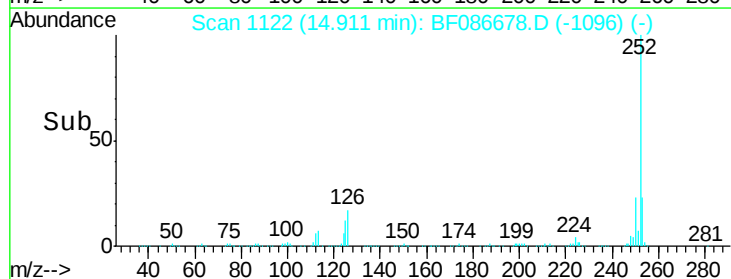
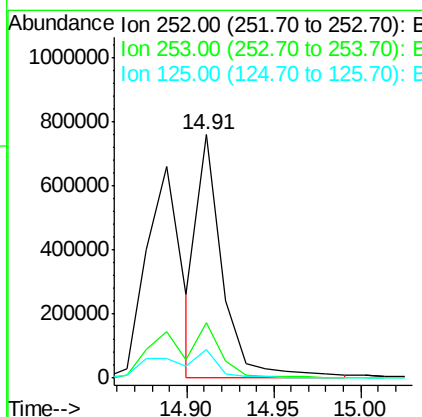
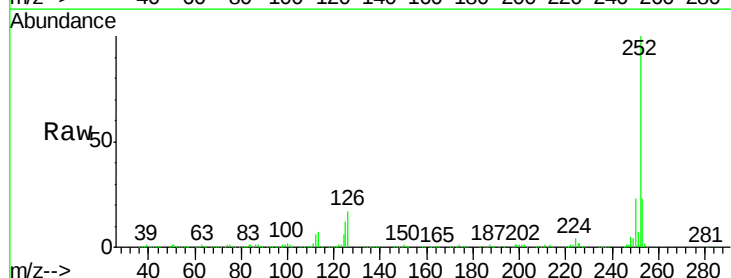
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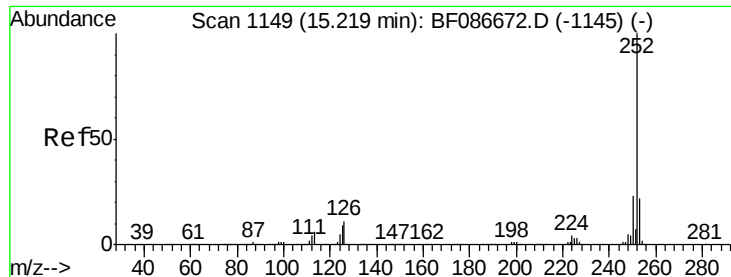
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#88
Benzo(k)fluoranthene
Concen: 47.98 ng m
RT: 14.91 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF086678.D
Acq: 4 May 2016 15:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	11.8	9.1	13.7





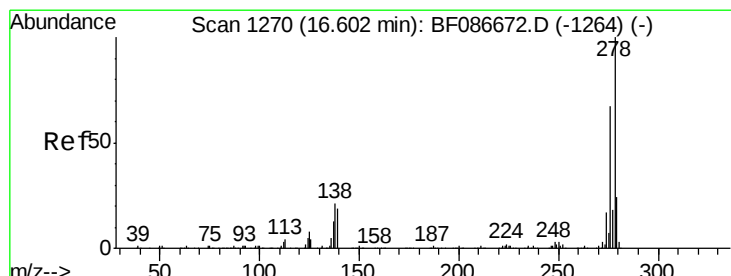
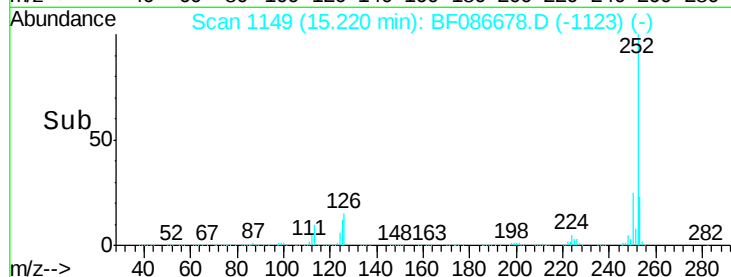
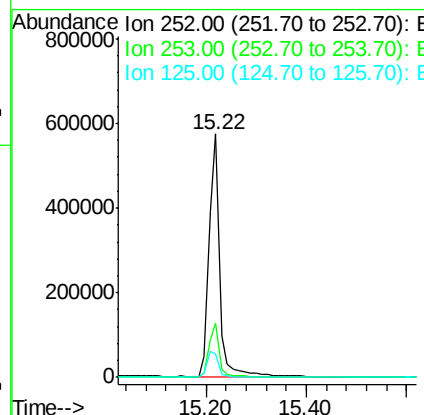
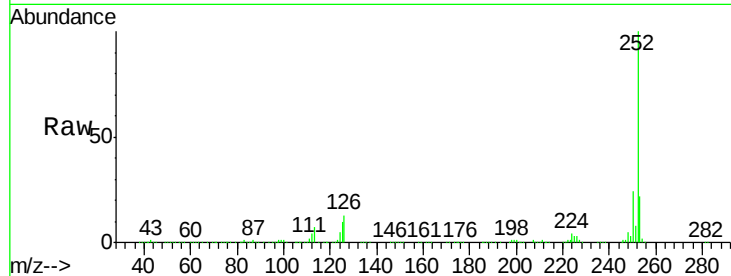
#89
Benzo(a)pyrene
Concen: 52.54 ng
RT: 15.22 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF086678.D
Acq: 4 May 2016 15:53

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	832220		
253	22.3		17.2	25.8
125	9.8		9.0	13.6

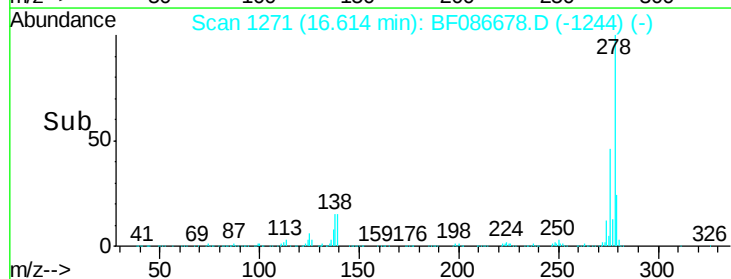
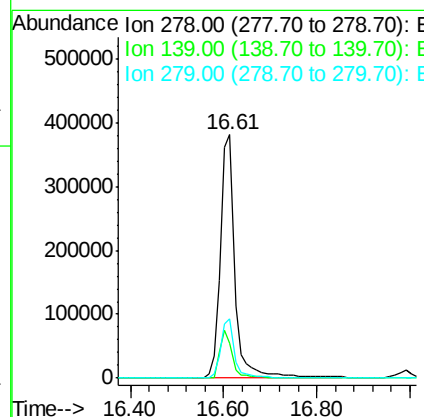
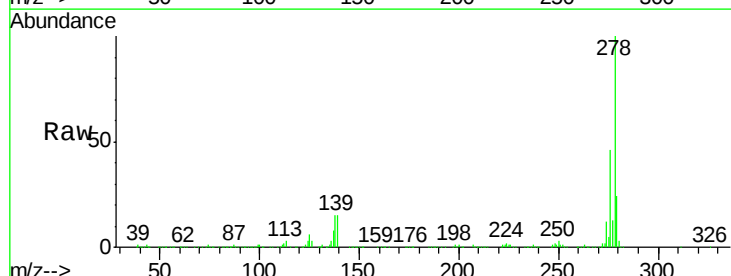
Manual Integrations
APPROVED

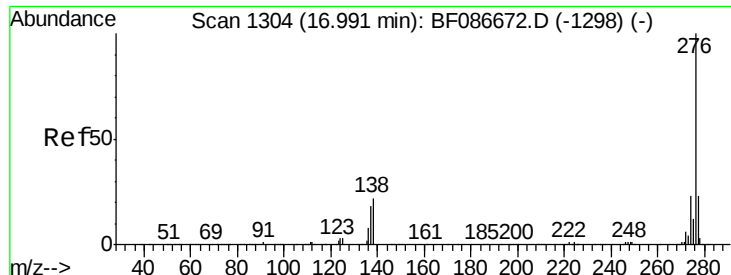
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#90
Dibenzo(a,h)anthracene
Concen: 54.29 ng
RT: 16.61 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF086678.D
Acq: 4 May 2016 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	826158		
139	14.6		16.6	24.8#
279	24.1		19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 52.73 ng
 RT: 16.99 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF086678.D
 Acq: 4 May 2016 15:53

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-6(12-25FTBGS)MSD

Tot Ion:	276	Resp:	842352
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.6	29.4
138	24.2	23.6	35.4

Manual Integrations
 APPROVED

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