

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF086981.D
 Acq On : 13 May 2016 20:24
 Operator : UM/SJ
 Sample : H3026-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WELDON-WC-SC-019MSD

Manual Integrations
 APPROVED

sohil
 5/14/2016 10:00:33 AM

Quant Time: May 16 12:50:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 23:02:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	145286	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	585381	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	277041	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	542824	20.00	ng	0.00
75) Chrysene-d12	13.76	240	391006	20.00	ng	0.00
86) Perylene-d12	15.11	264	319017	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	1031112	120.19	ng	0.01
7) Phenol-d6	6.28	99	1291728	112.66	ng	0.00
23) Nitrobenzene-d5	7.19	82	921928	79.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	390699	133.21	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1390276	84.34	ng	0.00
78) Terphenyl-d14	12.72	244	1470352	79.79	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.11	88	123778	29.39	ng	# 64
3) Pyridine	2.75	79	365414	35.49	ng	# 66
4) n-Nitrosodimethylamine	2.71	42	310058	41.53	ng	# 48
6) Aniline	6.28	93	376209	27.13	ng	# 56
8) 2-Chlorophenol	6.40	128	385891	37.28	ng	# 73
9) Benzaldehyde	6.16	77	34797	5.24	ng	94
10) Phenol	6.30	94	581811	42.69	ng	79
11) bis(2-Chloroethyl)ether	6.36	93	445370	41.91	ng	94
12) 1,3-Dichlorobenzene	6.55	146	404752m	36.13	ng	
13) 1,4-Dichlorobenzene	6.63	146	419939m	36.76	ng	
14) 1,2-Dichlorobenzene	6.79	146	387757	38.94	ng	97
15) Benzyl Alcohol	6.78	79	358415	45.27	ng	89
16) 2,2'-oxybis(1-Chloropropan	6.90	45	841724	36.43	ng	# 47
17) 2-Methylphenol	6.90	107	335330	40.71	ng	# 82
18) Hexachloroethane	7.12	117	160327	37.30	ng	97
19) n-Nitroso-di-n-propylamine	7.05	70	341706	42.64	ng	# 79
20) 3+4-Methylphenols	7.06	107	449715	41.80	ng	# 60
22) Acetophenone	7.04	105	599663	43.37	ng	98
24) Nitrobenzene	7.21	77	513238	42.80	ng	96
25) Isophorone	7.45	82	855803	39.57	ng	99
26) 2-Nitrophenol	7.53	139	219305	41.60	ng	96
27) 2,4-Dimethylphenol	7.59	122	364107	40.55	ng	95
28) bis(2-Chloroethoxy)methane	7.67	93	518587	44.45	ng	98
29) 2,4-Dichlorophenol	7.78	162	326967	41.37	ng	93
30) 1,2,4-Trichlorobenzene	7.85	180	370490	41.92	ng	99
31) Naphthalene	7.92	128	1144585	39.04	ng	99
33) 4-Chloroaniline	7.99	127	270450	23.74	ng	# 95
34) Hexachlorobutadiene	8.04	225	207396	40.45	ng	99
35) Caprolactam	8.36	113	90599m	33.69	ng	
36) 4-Chloro-3-methylphenol	8.49	107	404399	42.19	ng	93
37) 2-Methylnaphthalene	8.62	142	795391	46.40	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	328144	40.74	ng	99
40) Hexachlorocyclopentadiene	8.76	237	283285	74.09	ng	98
42) 2,4,6-Trichlorophenol	8.90	196	205598	38.17	ng	94

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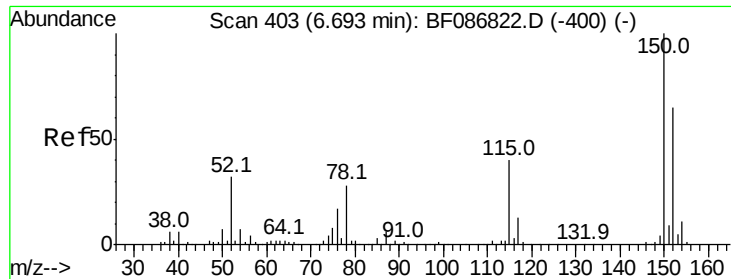
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Quant Time: May 16 12:50:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.96	196	220470	39.58	nq	92
45) 1,1'-Biphenyl	9.08	154	1010586	45.86	nq	99
46) 2-Chloronaphthalene	9.11	162	736957	42.69	nq	99
47) 2-Nitroaniline	9.21	65	285964	45.32	nq	# 75
48) Acenaphthylene	9.52	152	1119173	44.07	nq	99
49) Dimethylphthalate	9.39	163	939781	44.46	nq	100
50) 2,6-Dinitrotoluene	9.45	165	186961	42.03	nq	# 65
51) Acenaphthene	9.69	154	694257	43.95	nq	98
52) 3-Nitroaniline	9.62	138	155568	33.22	nq	# 79
53) 2,4-Dinitrophenol	9.74	184	22889	16.79	nq	# 79
54) Dibenzofuran	9.86	168	979278	48.29	nq	98
55) 4-Nitrophenol	9.82	139	242240	77.72	nq	# 64
56) 2,4-Dinitrotoluene	9.86	165	258187	46.90	nq	90
57) Fluorene	10.19	166	730846	42.26	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	195426	46.60	nq	95
59) Diethylphthalate	10.09	149	862244	41.86	nq	97
60) 4-Chlorophenyl-phenylether	10.19	204	337521	44.82	nq	97
61) 4-Nitroaniline	10.24	138	200078	44.49	nq	# 70
62) Azobenzene	10.35	77	1015292	45.69	nq	87
64) 4,6-Dinitro-2-methylphenol	10.27	198	92760	27.51	nq	91
65) n-Nitrosodiphenylamine	10.32	169	693665	41.60	nq	99
66) 4-Bromophenyl-phenylether	10.68	248	228973	41.60	nq	# 80
67) Hexachlorobenzene	10.74	284	248800	38.68	nq	# 76
68) Atrazine	10.86	200	248309	44.57	nq	94
69) Pentachlorophenol	10.95	266	203885	68.59	nq	96
70) Phenanthrene	11.15	178	1154208	39.84	nq	100
71) Anthracene	11.20	178	1206663	40.73	nq	100
72) Carbazole	11.37	167	1154798	45.34	nq	99
73) Di-n-butylphthalate	11.70	149	1233727	39.67	nq	# 98
74) Fluoranthene	12.33	202	1133389	38.04	nq	99
76) Benzidine	12.47	184	432382	43.38	nq	95
77) Pyrene	12.56	202	1158185	38.69	nq	99
79) Butylbenzylphthalate	13.19	149	517834	40.90	nq	# 68
80) Benzo(a)anthracene	13.75	228	912607	41.58	nq	98
81) 3,3'-Dichlorobenzidine	13.71	252	196075	14.06	nq	99
82) Chrysene	13.78	228	874466	39.16	nq	98
83) Bis(2-ethylhexyl)phthalate	13.75	149	615782	40.43	nq	# 94
84) Di-n-octyl phthalate	14.37	149	1021504	40.49	nq	# 84
85) Indeno(1,2,3-cd)pyrene	16.37	276	809189	43.56	nq	95
87) Benzo(b)fluoranthene	14.74	252	1043476m	50.33	nq	
88) Benzo(k)fluoranthene	14.78	252	518434m	30.54	nq	
89) Benzo(a)pyrene	15.06	252	738067	41.27	nq	99
90) Dibenzo(a,h)anthracene	16.38	278	675693	44.83	nq	# 92
91) Benzo(g,h,i)perylene	16.73	276	708191	46.24	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Instrument :

BNA_F

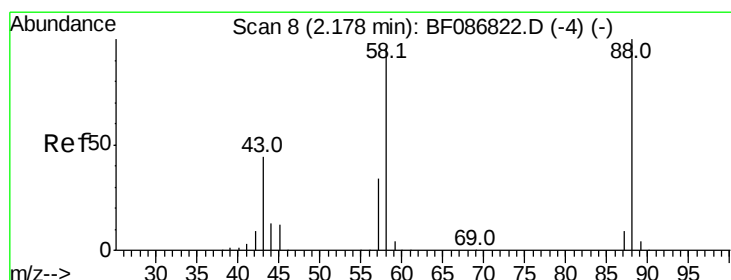
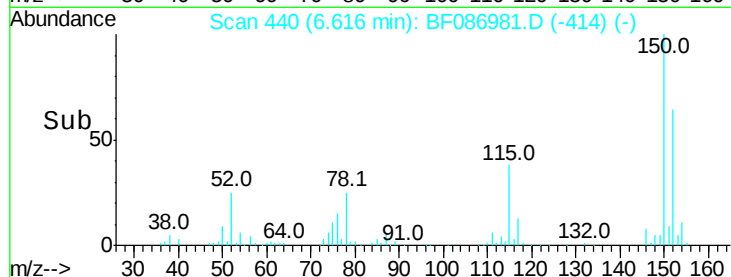
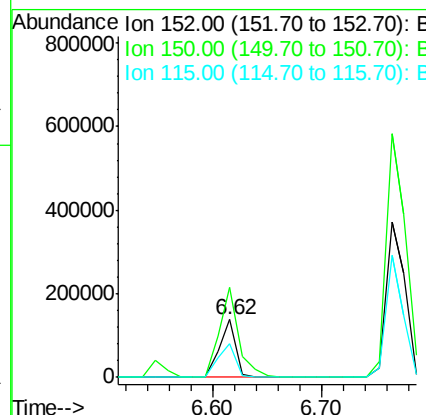
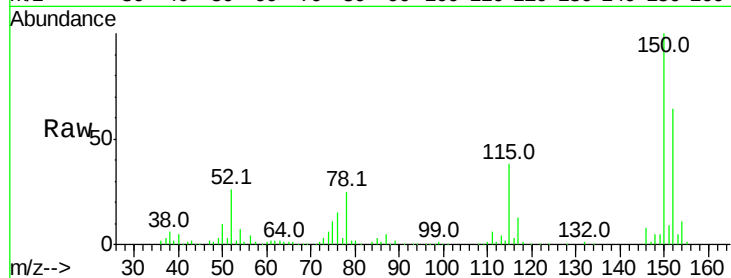
ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion:	152	Resp:	145286
Ion Ratio	Lower	Upper	
152	100		
150	155.2	125.8	188.6
115	59.1	51.5	77.3

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#2

1,4-Dioxane

Concen: 29.39 ng

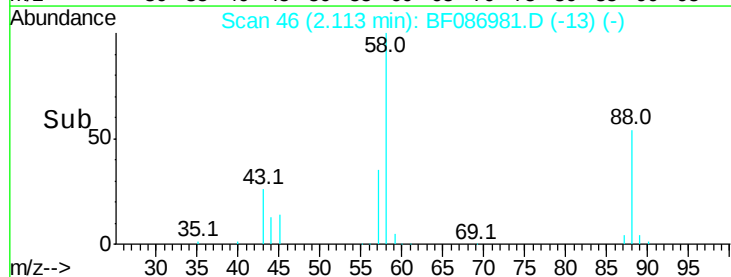
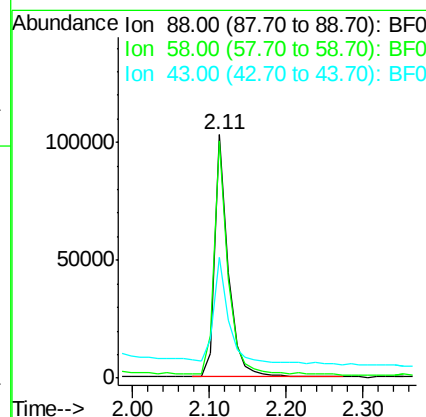
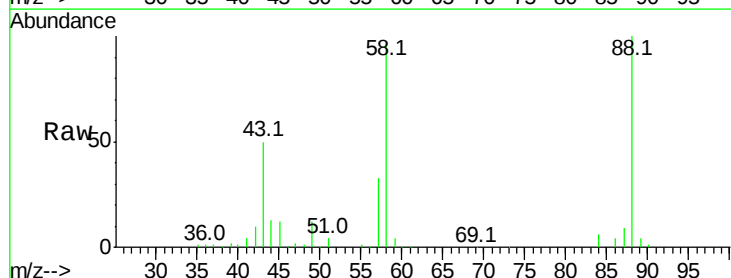
RT: 2.11 min Scan# 46

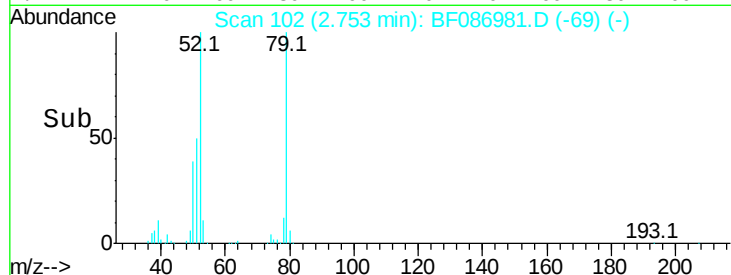
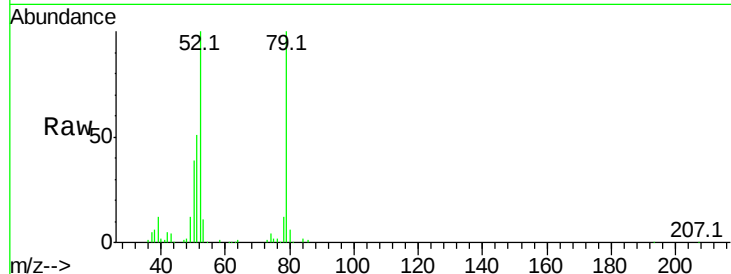
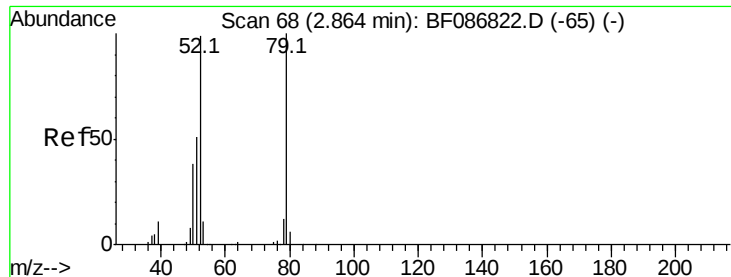
Delta R.T. 0.08 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Tgt Ion:	88	Resp:	123778
Ion Ratio	Lower	Upper	
88	100		
58	100.5	59.6	89.4#
43	52.7	21.8	32.6#





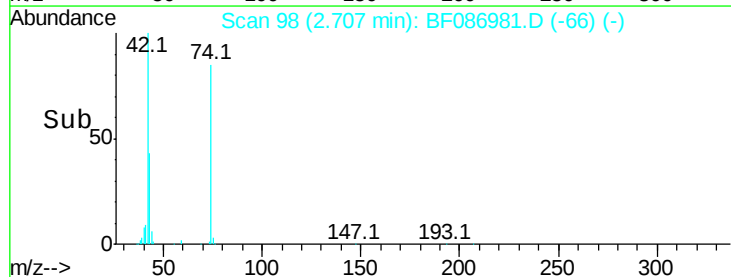
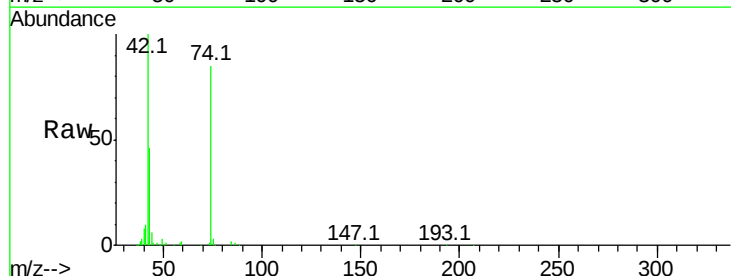
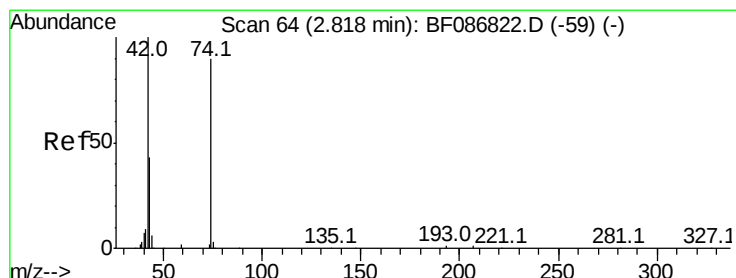
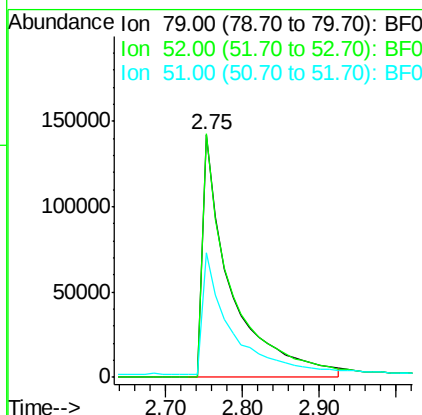
#3
 Pvridine
 Concen: 35.49 ng
 RT: 2.75 min Scan# 102
 Delta R.T. 0.08 min
 Lab File: BF086981.D
 Acq: 13 May 2016 20:24

Tot Ion	Ratio	Lower	Upper
79	100		
52	100.4	55.9	83.9#
51	51.6	28.1	42.1#

Instrument :
 BNA_F
 ClientSampleId :
 WELDON-WC-SC-019MSD

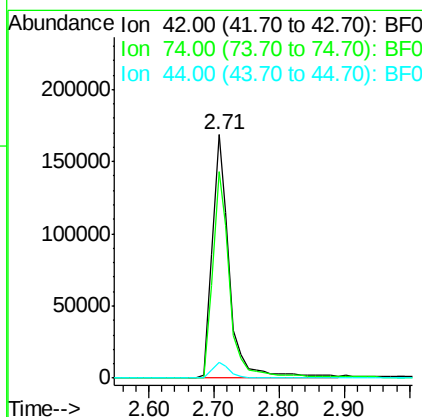
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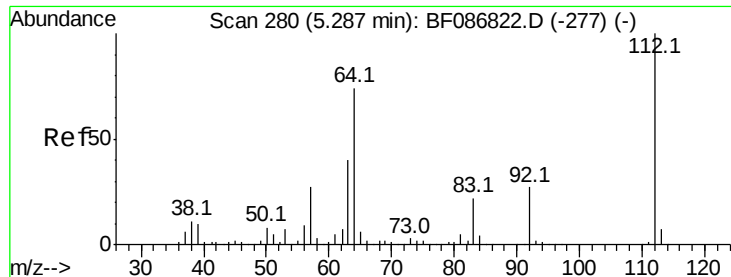
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#4
 n-Nitrosodimethylamine
 Concen: 41.53 ng
 RT: 2.71 min Scan# 98
 Delta R.T. 0.07 min
 Lab File: BF086981.D
 Acq: 13 May 2016 20:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	84.7	123.4	185.0#
44	6.5	5.8	8.6





#5

2-Fluorophenol

Concen: 120.19 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Instrument :

BNA_F

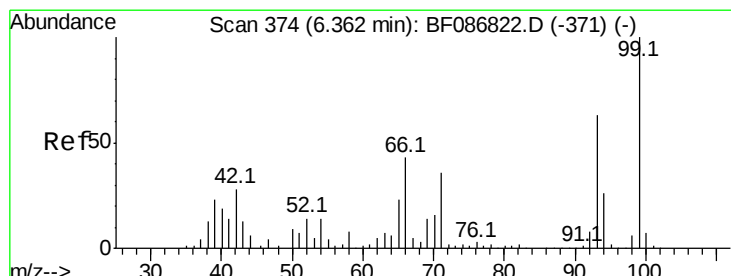
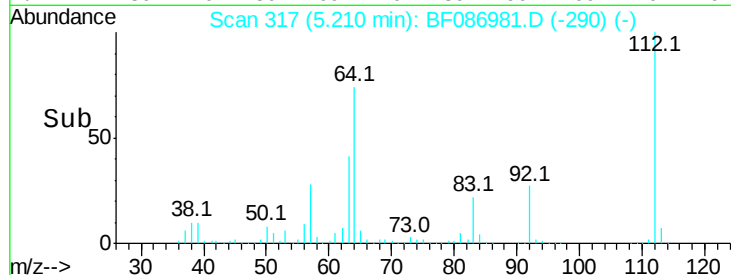
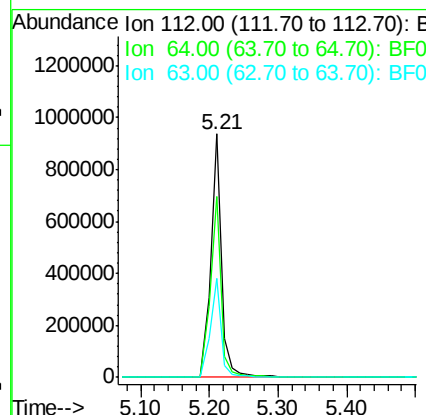
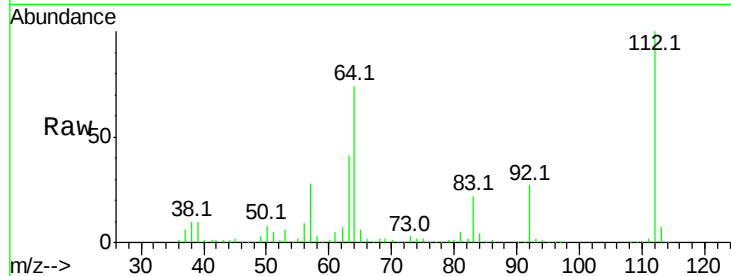
ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion:	112	Resp:	1031112
Ion Ratio	Lower	Upper	
112	100		
64	74.3	52.1	78.1
63	40.5	25.7	38.5#

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#6

Aniline

Concen: 27.13 ng

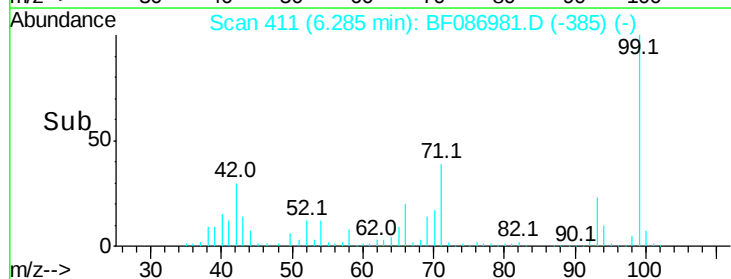
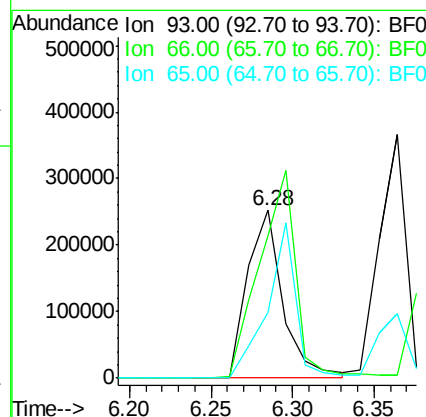
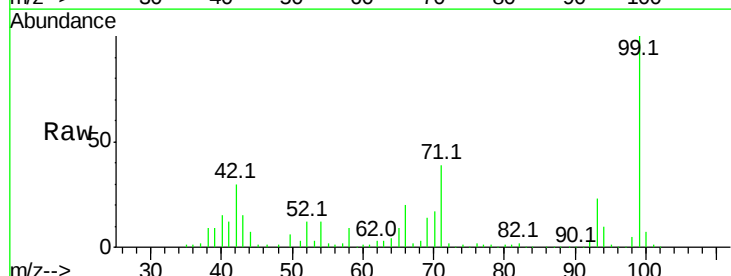
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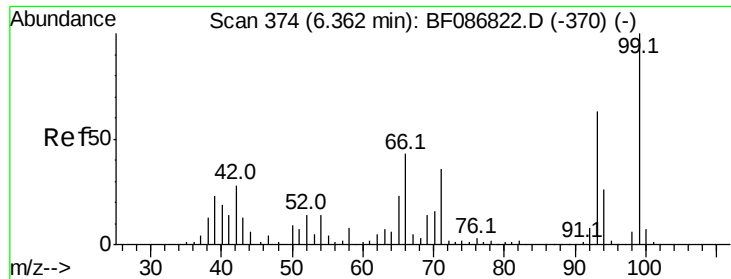
Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Tgt Ion:	93	Resp:	376209
Ion Ratio	Lower	Upper	
93	100		
66	84.7	39.0	58.6#
65	39.1	20.6	31.0#





#7

Phenol-d6

Concen: 112.66 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Instrument :

BNA_F

ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion: 99 Resp: 1291728

Ion Ratio Lower Upper

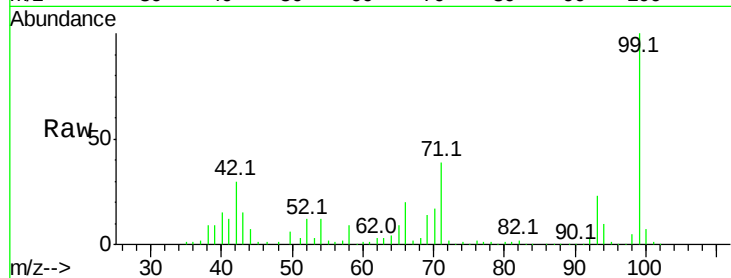
99 100

42 30.3 13.6 20.4#

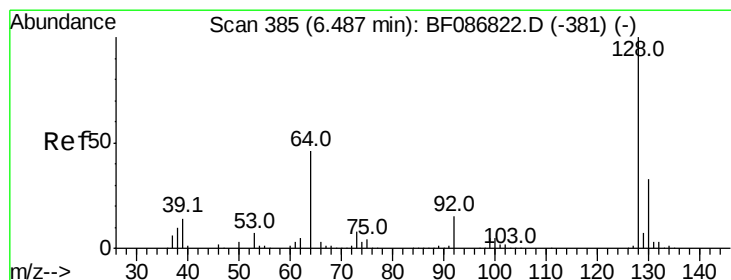
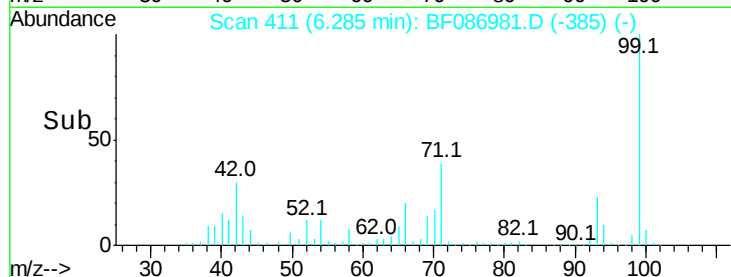
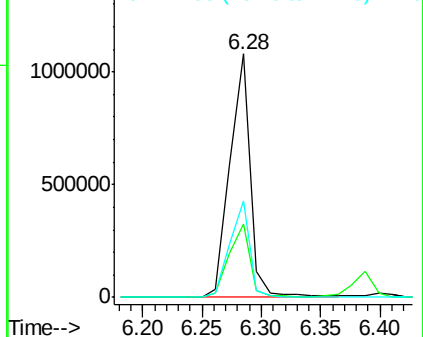
71 39.4 24.6 36.8#

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.28 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

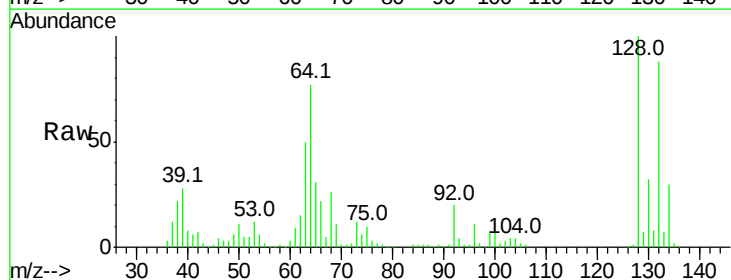
Tgt Ion:128 Resp: 385891

Ion Ratio Lower Upper

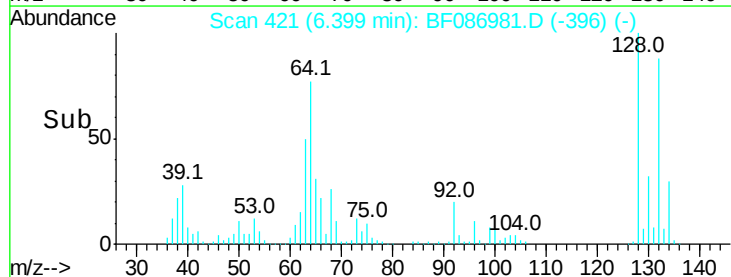
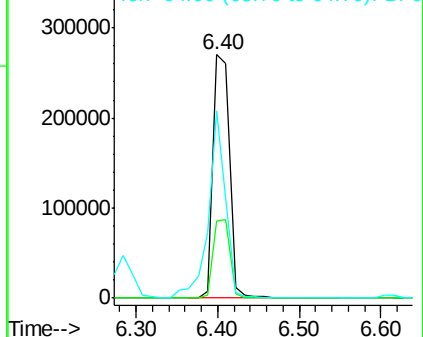
128 100

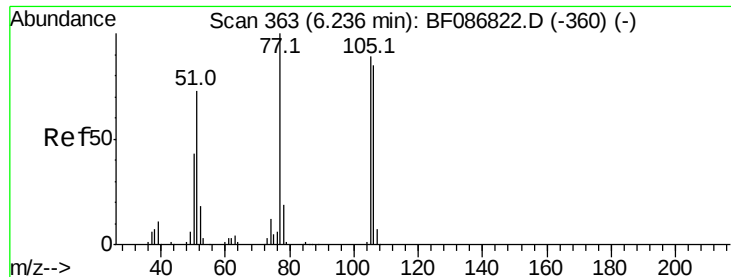
130 31.7 12.5 52.5

64 76.7 27.3 67.3#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.24 ng

RT: 6.16 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Instrument :

BNA_F

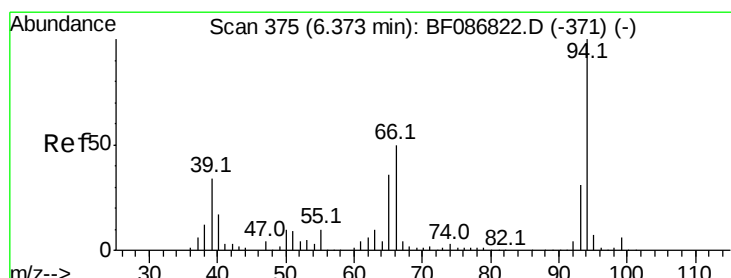
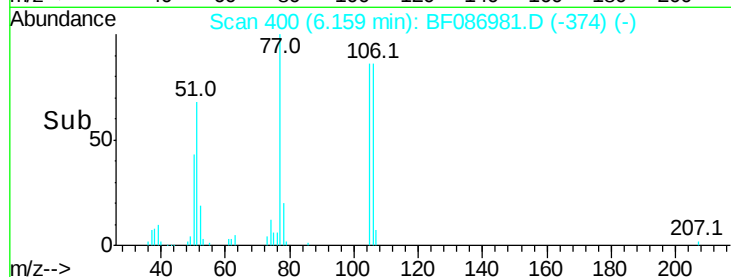
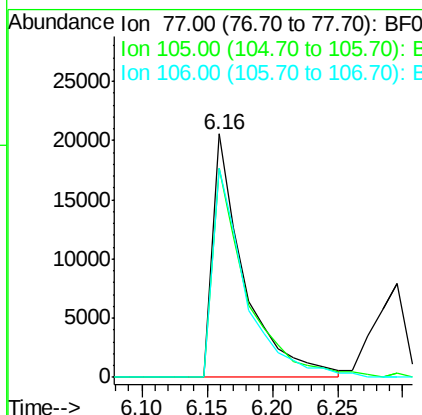
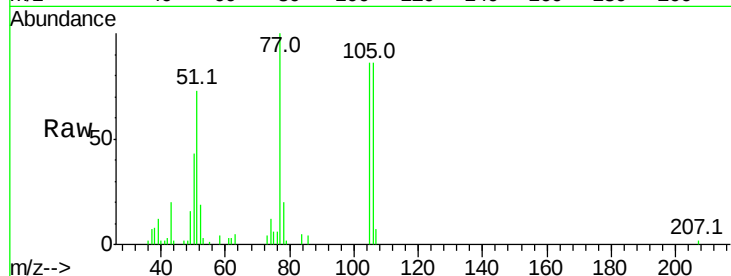
ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	85.8	72.7	112.7	
106	86.0	70.8	110.8	

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#10

Phenol

Concen: 42.69 ng

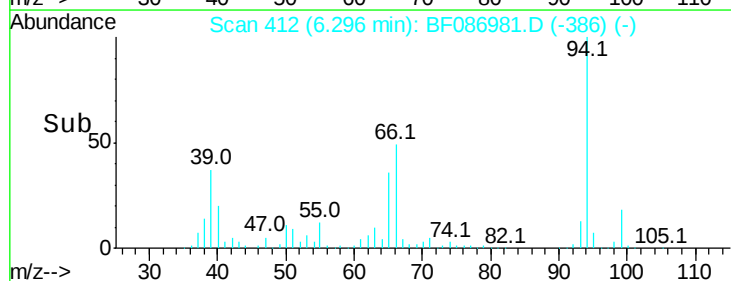
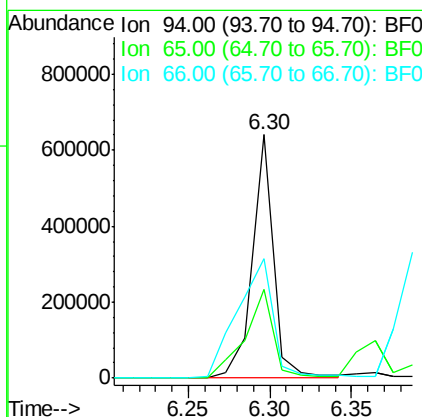
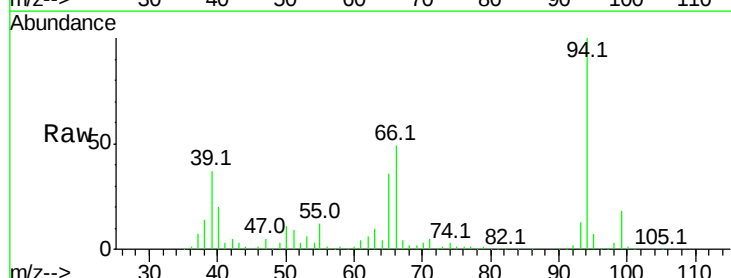
RT: 6.30 min Scan# 412

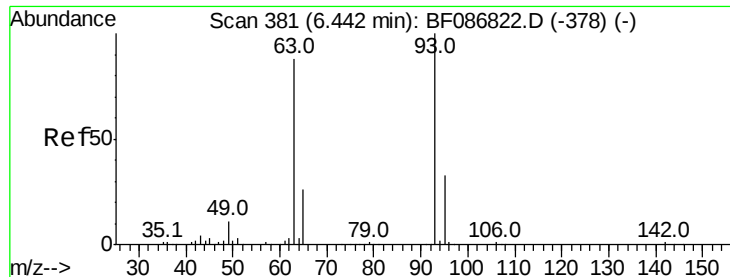
Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	36.3	7.2	47.2	
66	48.9	14.9	54.9	





#11

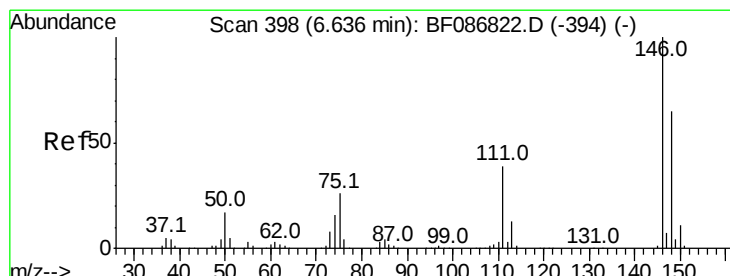
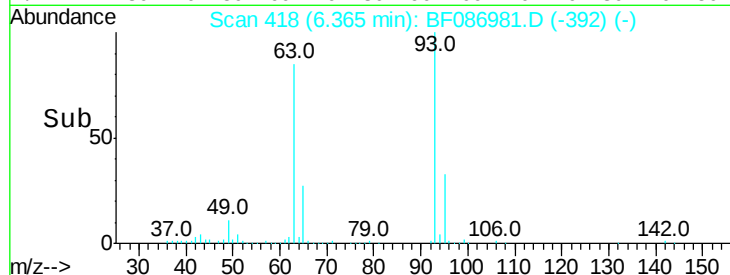
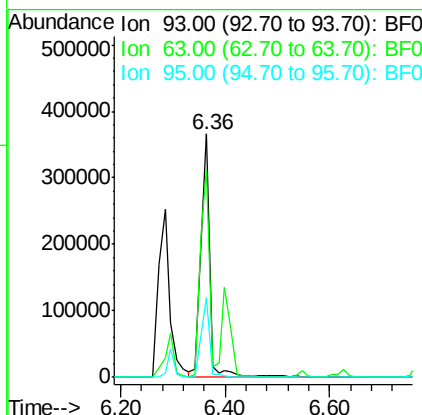
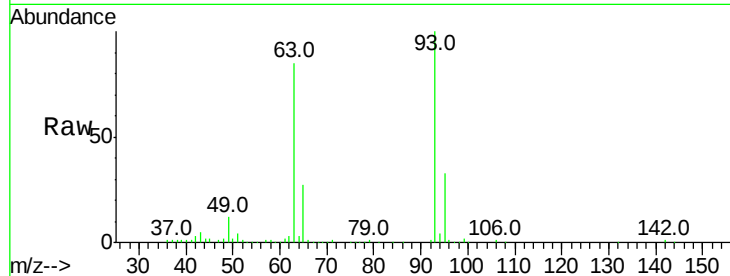
bis(2-Chloroethyl)ether
Concen: 41.91 ng
RT: 6.36 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF086981.D
Acq: 13 May 2016 20:24

Instrument :
BNA_F
ClientSampleId :
WELDON-WC-SC-019MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		445370		
63	85.1	58.0	98.0		
95	33.0	11.9	51.9		

Manual Integrations
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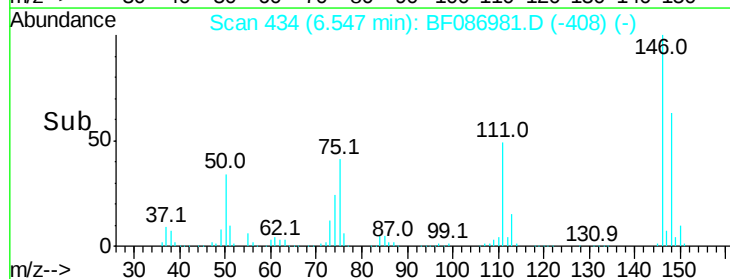
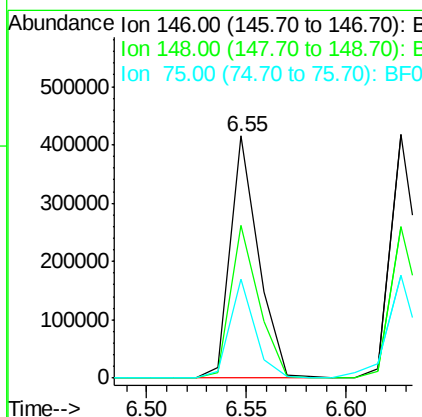
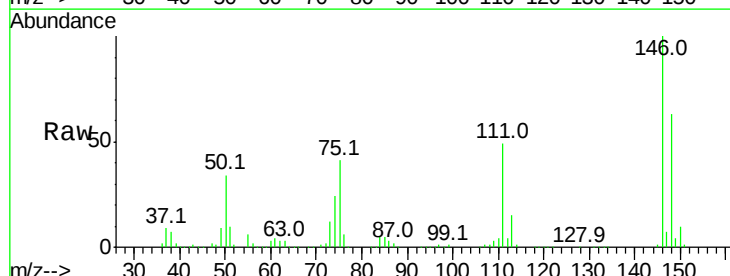
sohil
5/14/2016 10:00:33 AM

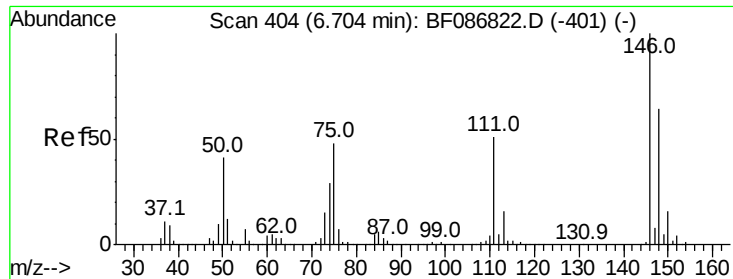


#12

1,3-Dichlorobenzene
Concen: 36.13 ng m
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF086981.D
Acq: 13 May 2016 20:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		404752		
148	63.3	52.4	78.6		
75	41.1	22.8	34.2#		





#13

1,4-Dichlorobenzene

Concen: 36.76 ng/mL

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Instrument :

BNA_F

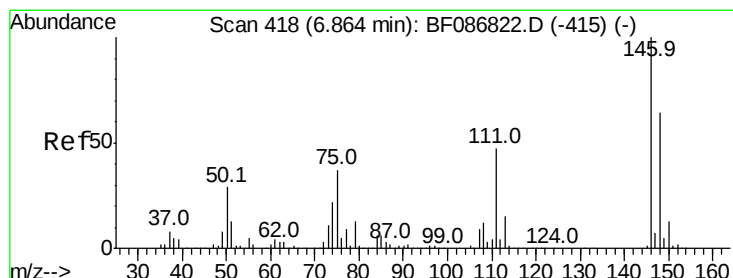
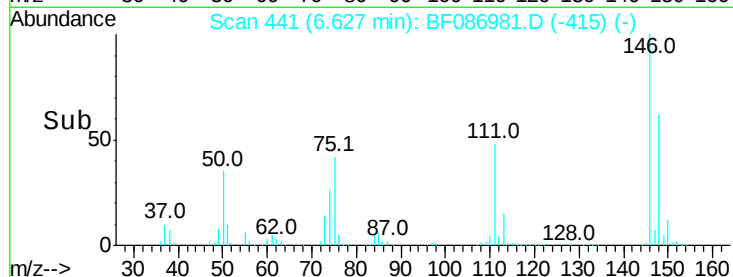
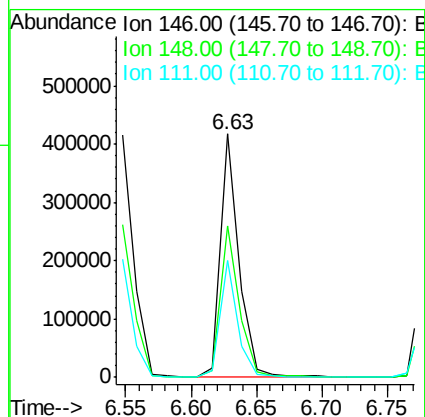
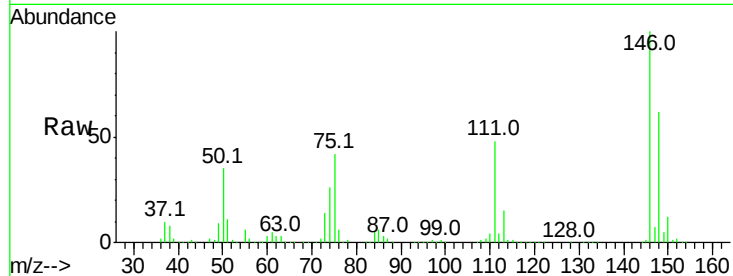
ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion:	146	Resp:	419939
Ion Ratio	Lower	Upper	
146	100		
148	62.3	52.2	78.4
111	48.0	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 38.94 ng/mL

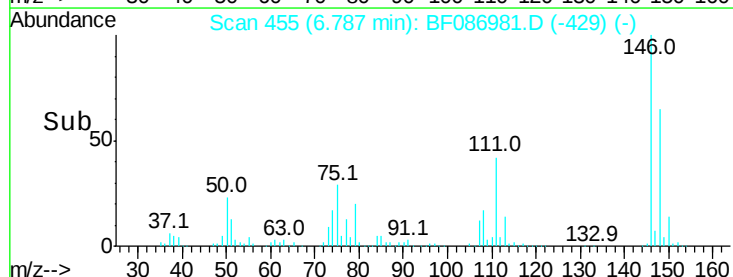
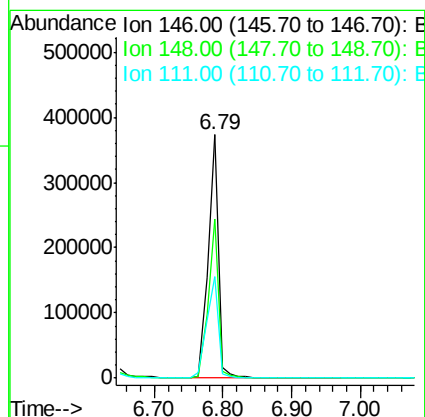
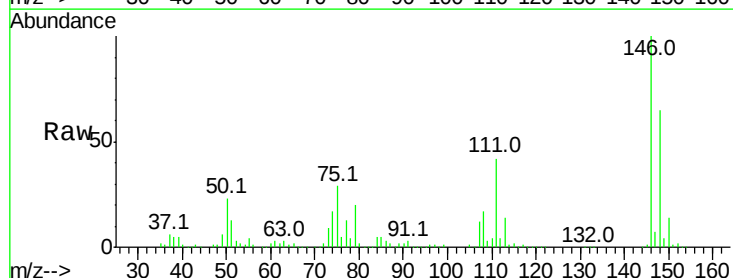
RT: 6.79 min Scan# 455

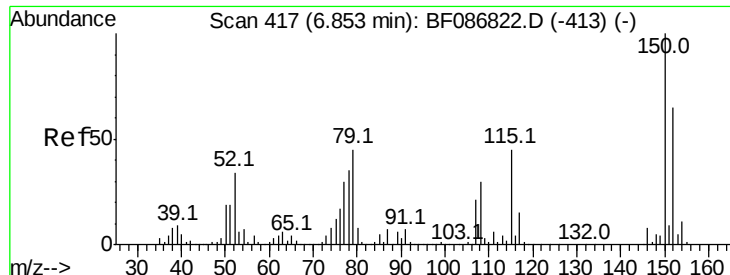
Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Tgt Ion:	146	Resp:	387757
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.0	76.6
111	42.0	36.2	54.4





#15

Benzyl Alcohol

Concen: 45.27 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Instrument :

BNA_F

ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion: 79 Resp: 358415

Ion Ratio Lower Upper

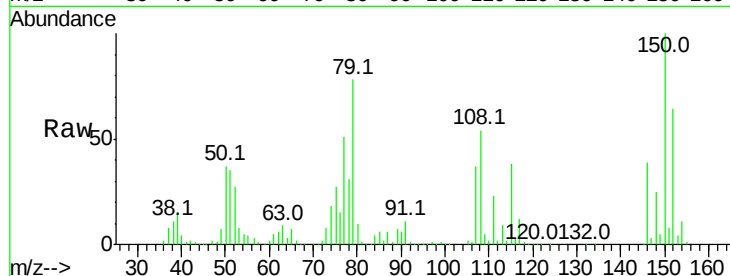
79 100

108 69.3 68.4 102.6

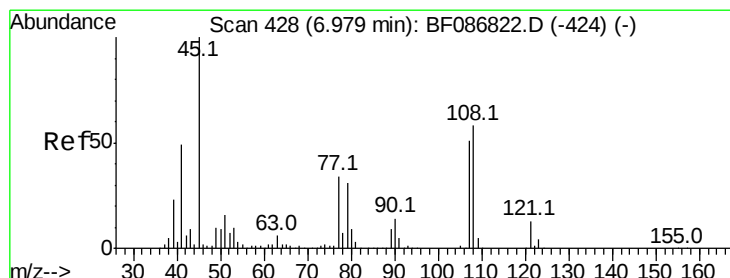
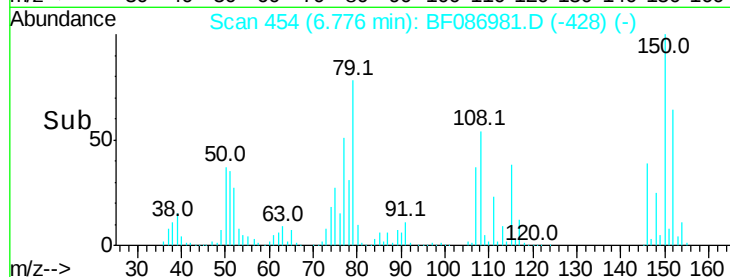
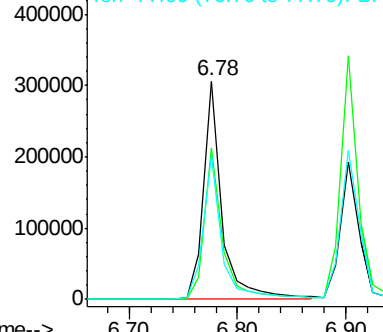
77 65.7 50.6 76.0

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.43 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

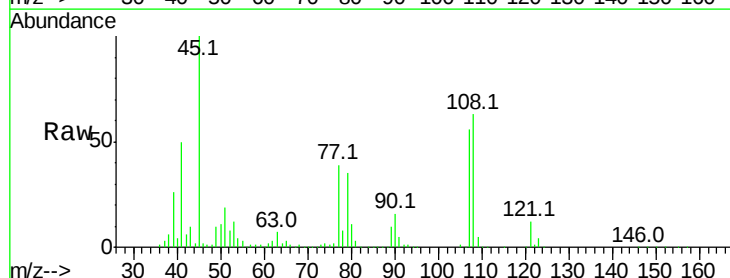
Tgt Ion: 45 Resp: 841724

Ion Ratio Lower Upper

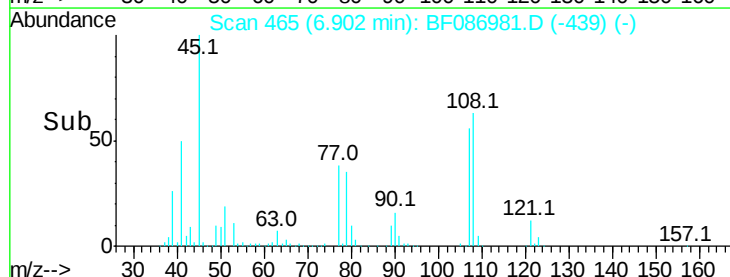
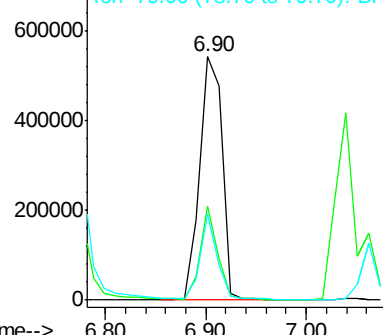
45 100

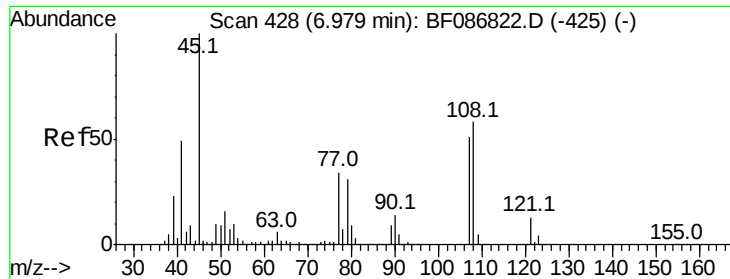
77 38.5 0.0 36.4#

79 35.4 0.0 33.4#



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.71 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Instrument :

BNA_F

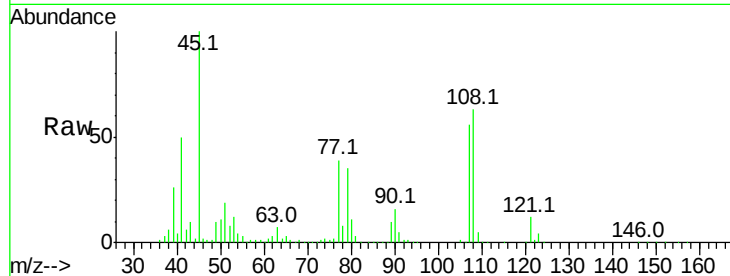
ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.4	93.7	140.5	
77	69.3	33.4	50.0	
79	63.8	34.3	51.5	

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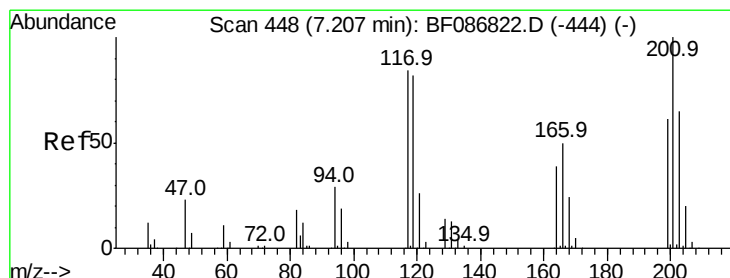
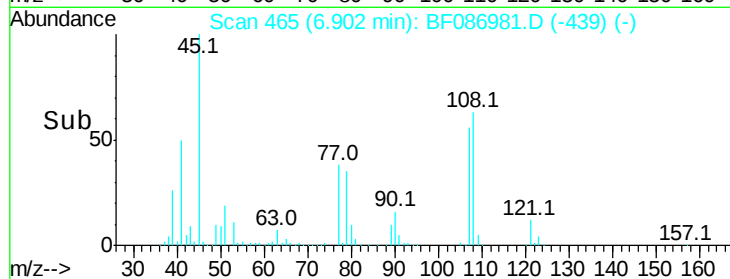
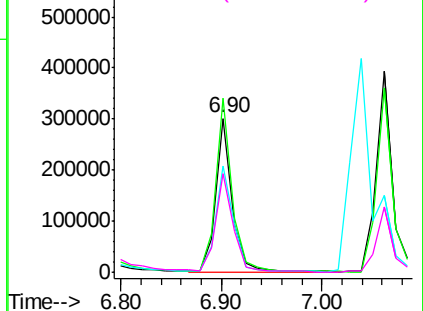
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.30 ng

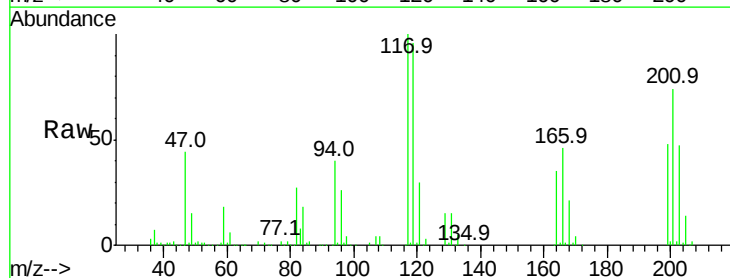
RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	76.5	114.7	
201	73.6	63.0	94.6	

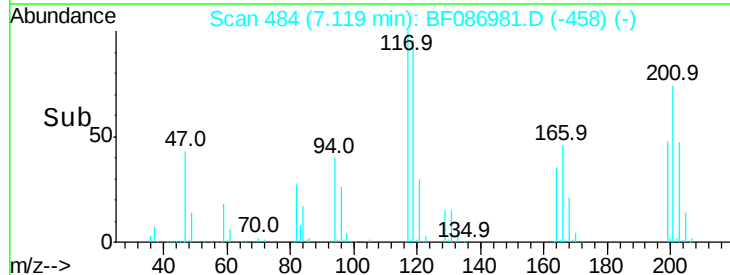
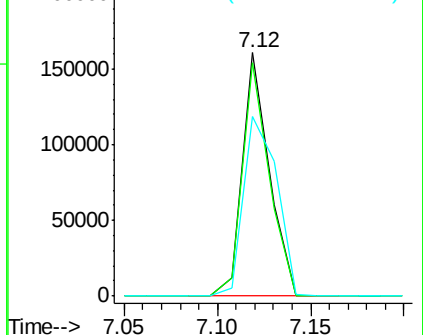


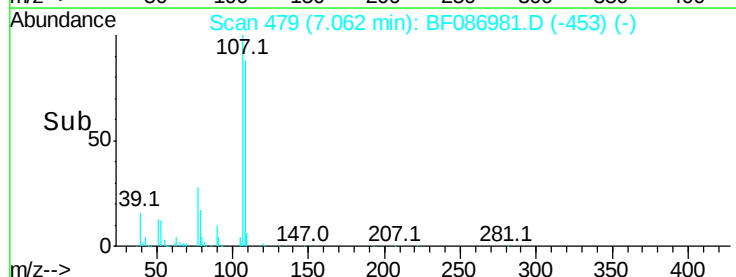
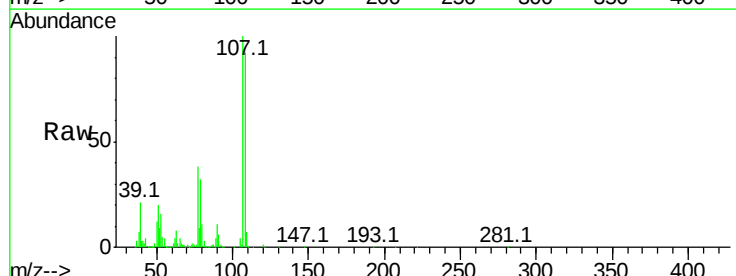
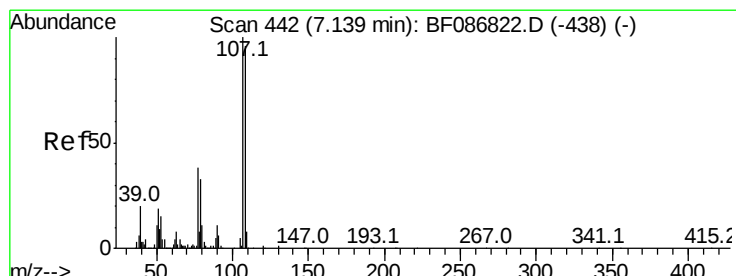
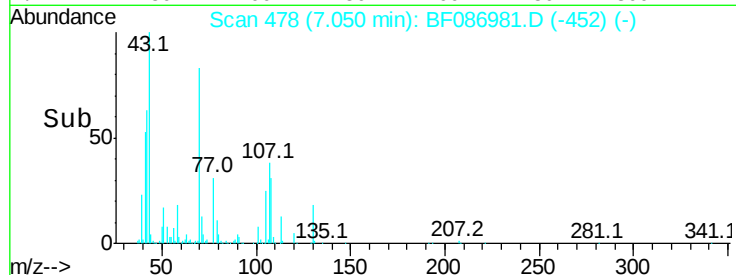
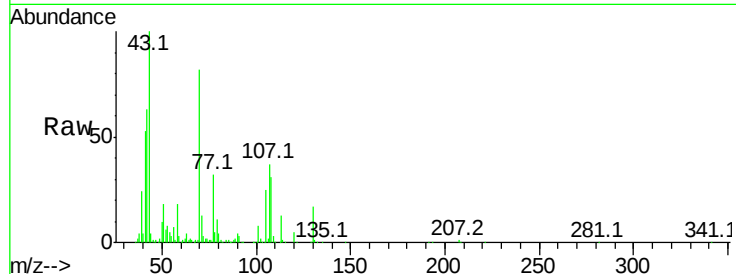
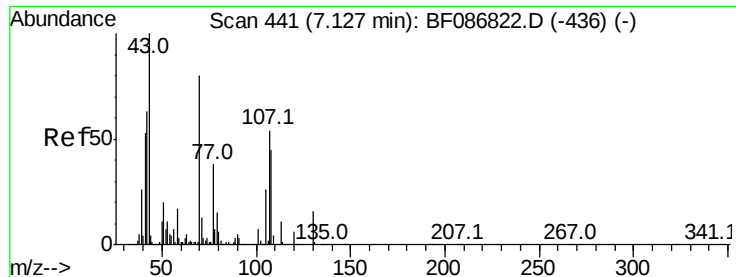
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





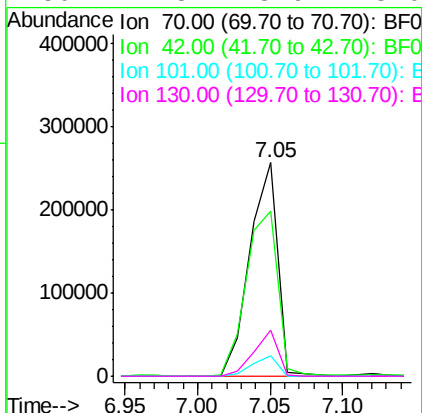
#19
n-Nitroso-di-n-propylamine
Concen: 42.64 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF086981.D
Acq: 13 May 2016 20:24

Instrument :
BNA_F
ClientSampleId :
WELDON-WC-SC-019MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	77.1	43.1	64.7#
101	9.4	8.1	12.1
130	21.3	18.6	28.0

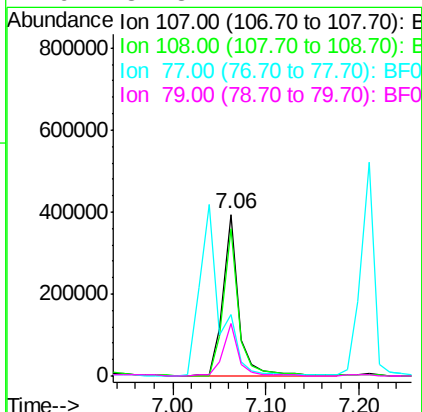
Manual Integrations
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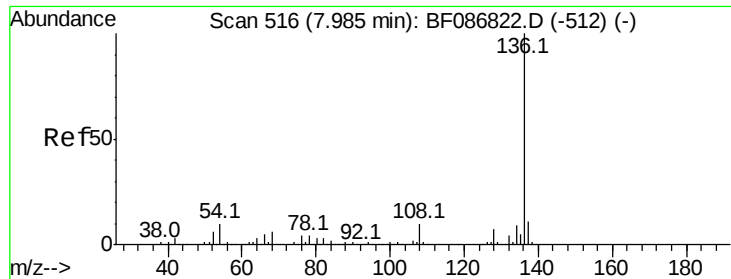
sohil
5/14/2016 10:00:33 AM



#20
3+4-Methylphenols
Concen: 41.80 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF086981.D
Acq: 13 May 2016 20:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	68.5	108.5
77	38.2	101.6	141.6#
79	32.3	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Instrument :

BNA_F

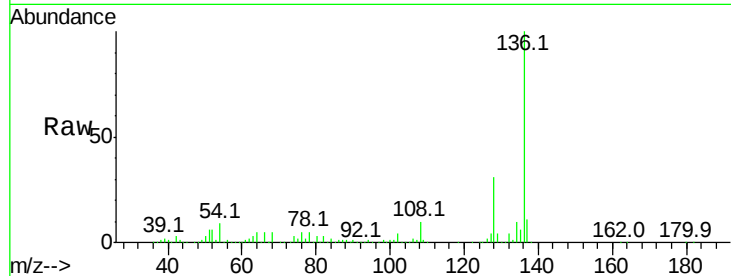
ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.8	13.2	
54	8.5	5.0	7.4	
68	4.9	4.4	6.6	

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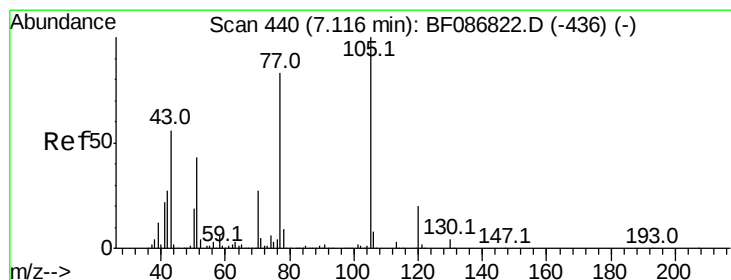
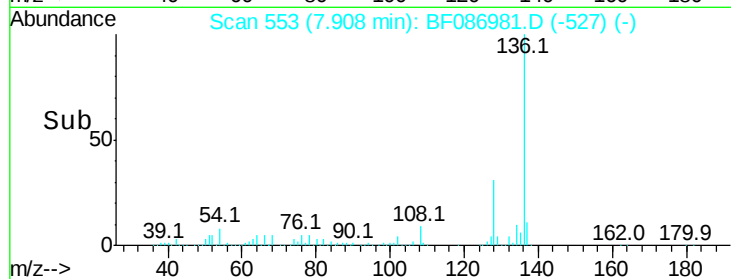
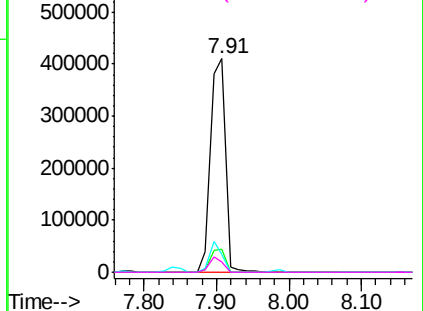
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.37 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.1	4.8	7.2	
51	39.3	32.6	49.0	
120	20.5	16.5	24.7	

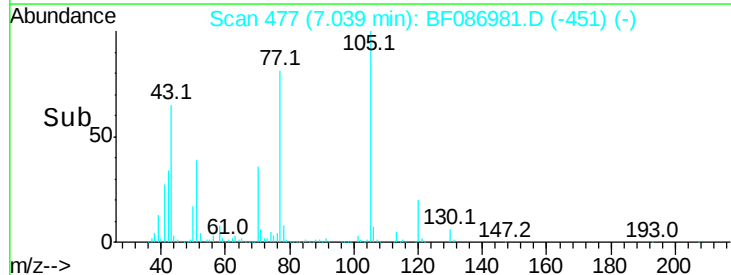
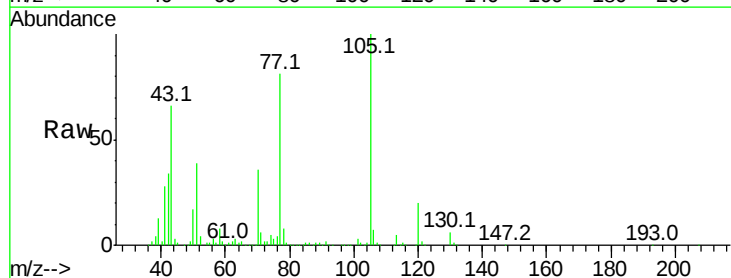
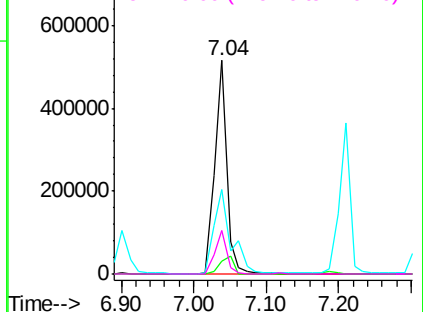
Abundance

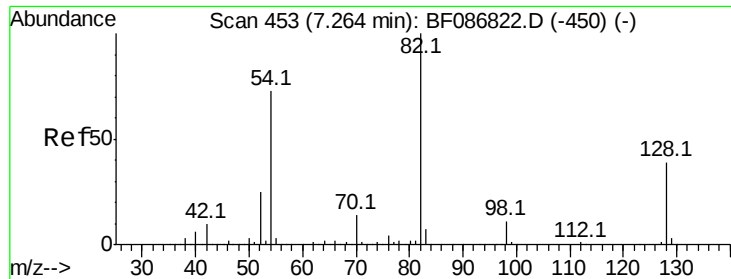
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 79.08 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Instrument :

BNA_F

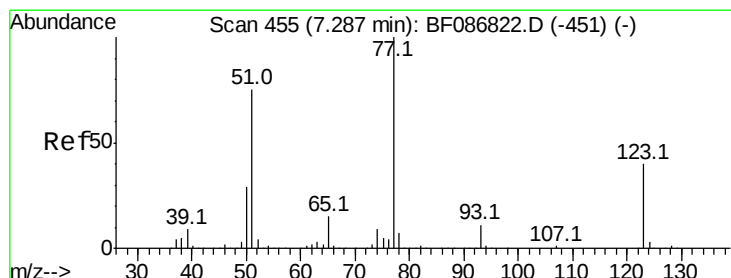
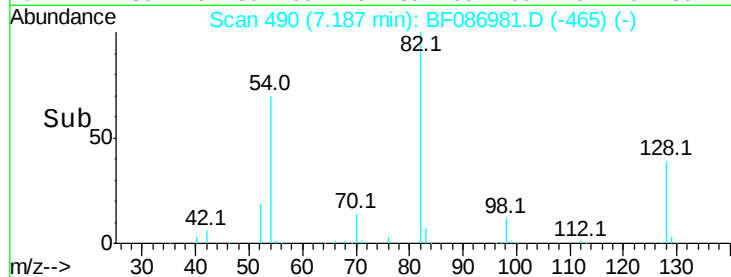
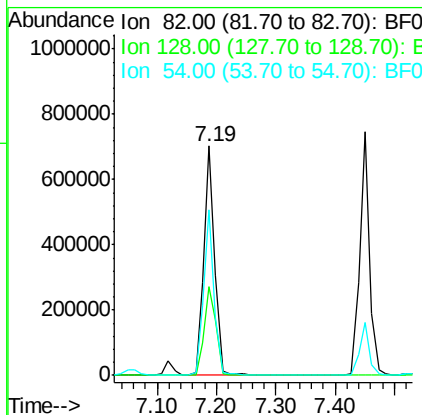
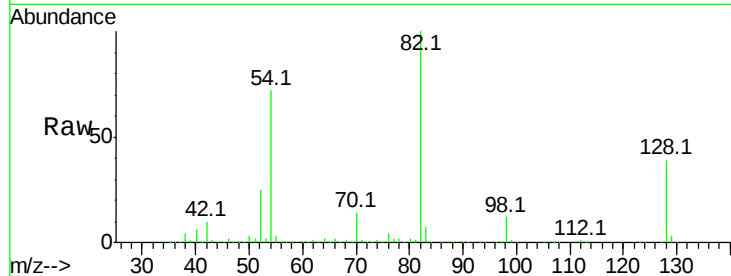
ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion:	82	Resp:	921928
Ion Ratio	Lower	Upper	
82	100		
128	39.0	40.6	61.0#
54	72.5	38.1	57.1#

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#24

Nitrobenzene

Concen: 42.80 ng

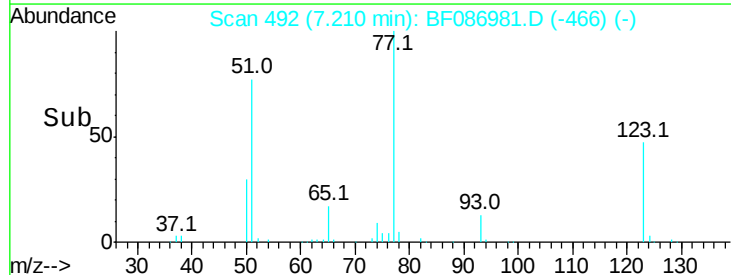
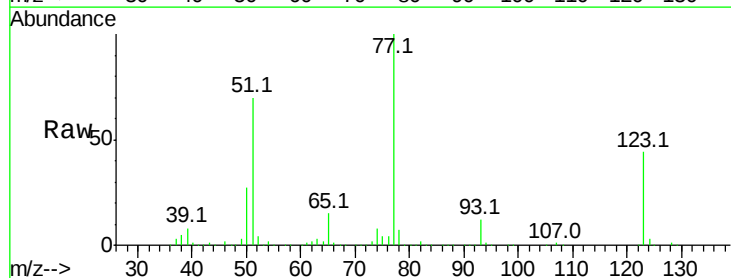
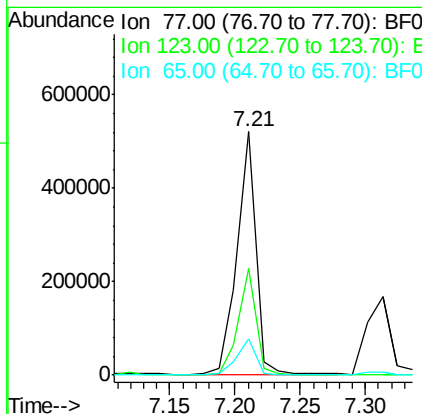
RT: 7.21 min Scan# 492

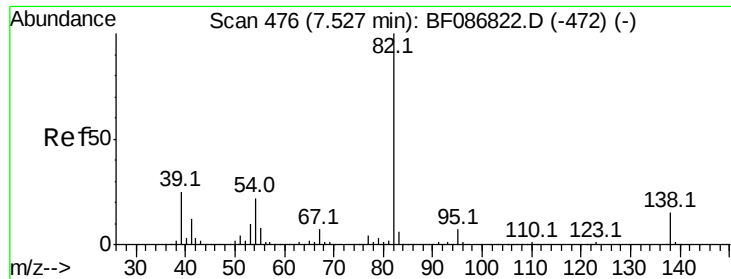
Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Tgt Ion:	77	Resp:	513238
Ion Ratio	Lower	Upper	
77	100		
123	43.6	33.0	49.4
65	15.0	10.8	16.2





#25

Isophorone

Concen: 39.57 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Instrument :

BNA_F

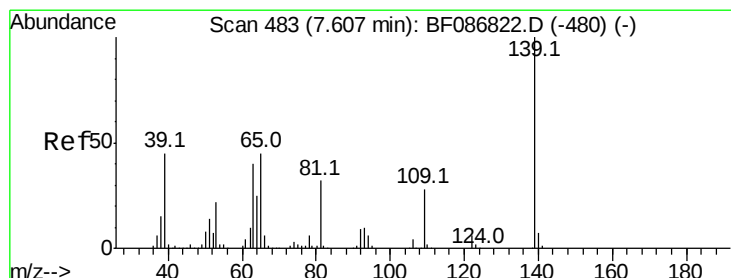
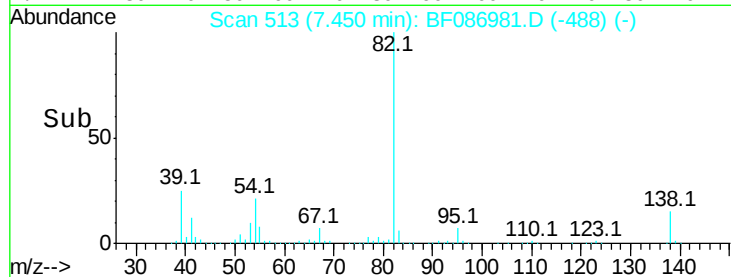
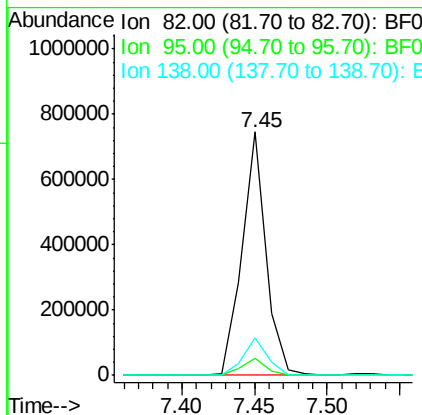
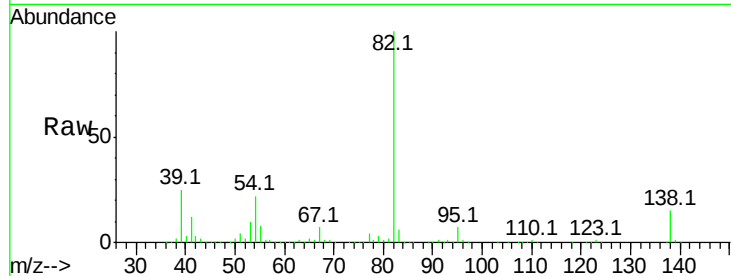
ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion:	82	Resp:	855803
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.1	7.7
138	15.3	12.4	18.6

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#26

2-Nitrophenol

Concen: 41.60 ng

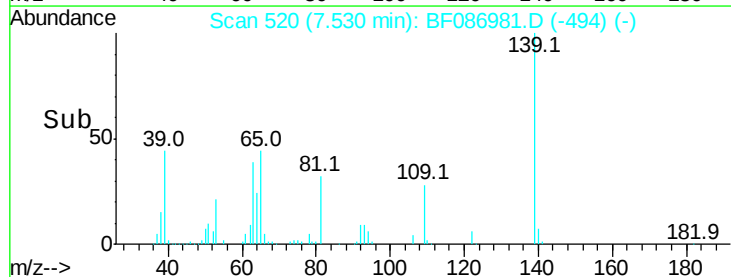
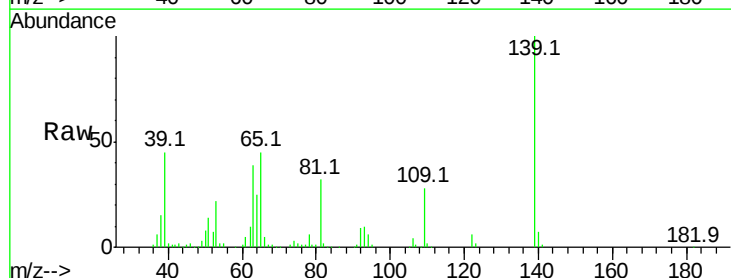
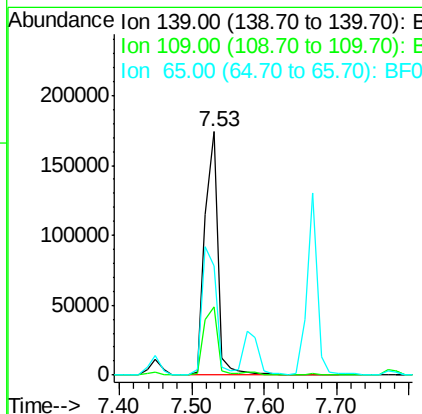
RT: 7.53 min Scan# 520

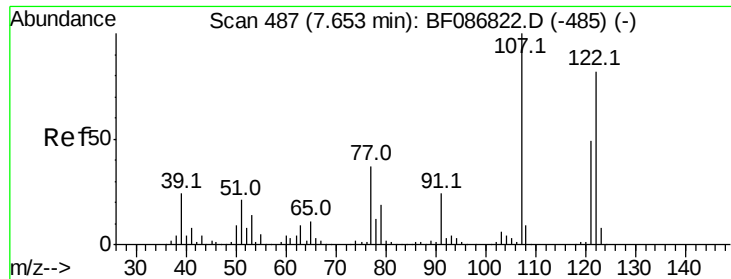
Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Tgt Ion:	139	Resp:	219305
Ion Ratio	Lower	Upper	
139	100		
109	27.8	19.5	29.3
65	45.1	37.5	56.3





#27

2,4-Dimethylphenol

Concen: 40.55 ng

RT: 7.59 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Instrument :

BNA_F

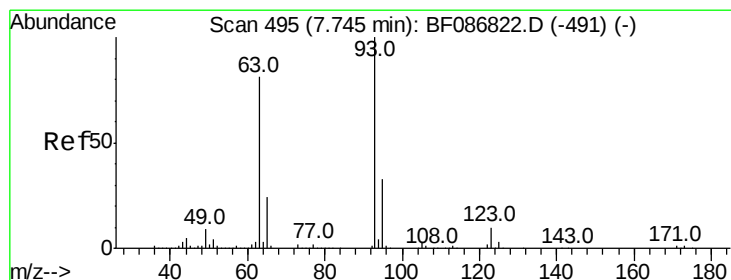
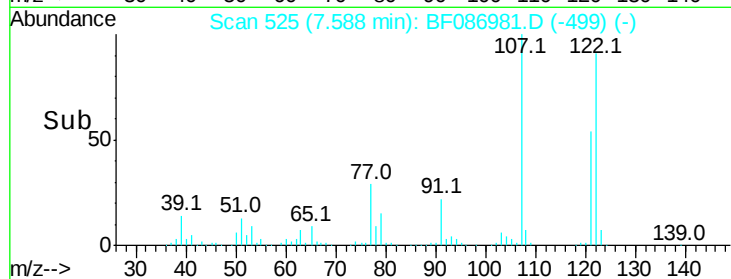
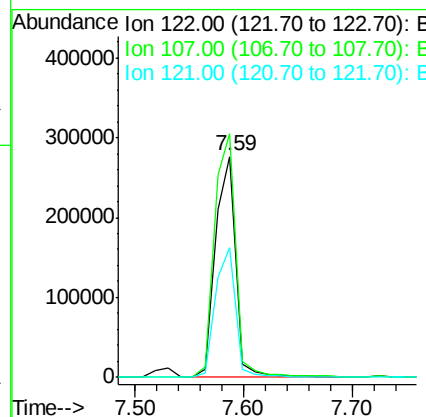
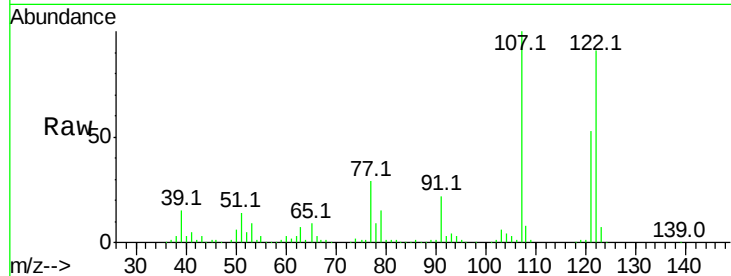
ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion:	122	Resp:	364107
Ion Ratio	Lower	Upper	
122	100		
107	110.2	82.0	123.0
121	58.8	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 44.45 ng

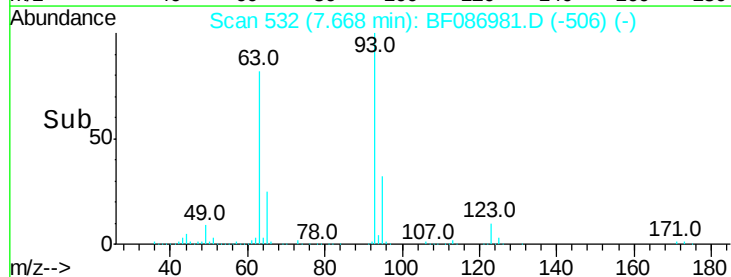
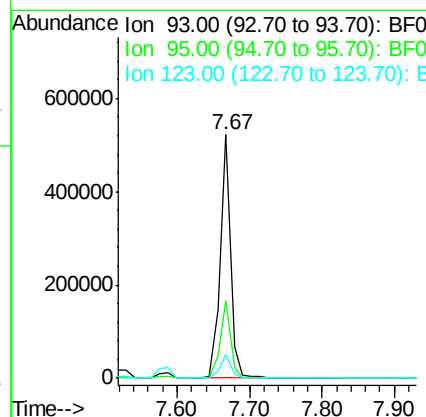
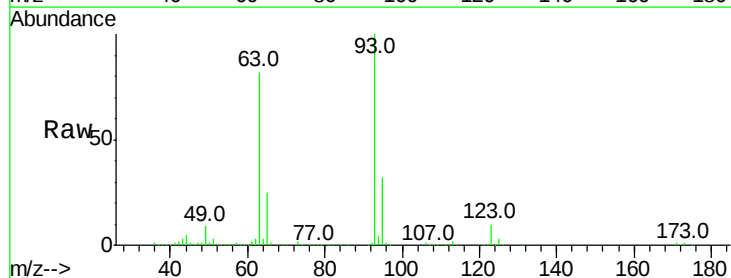
RT: 7.67 min Scan# 532

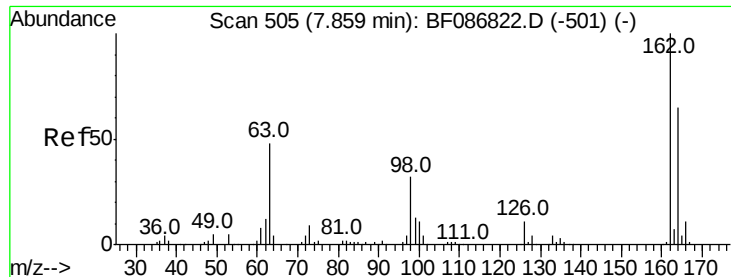
Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Tgt Ion:	93	Resp:	518587
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.0	39.0
123	9.6	9.5	14.3





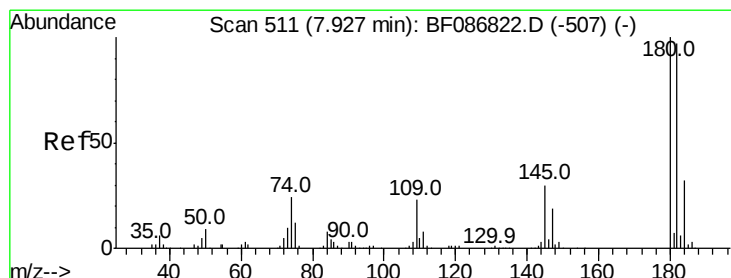
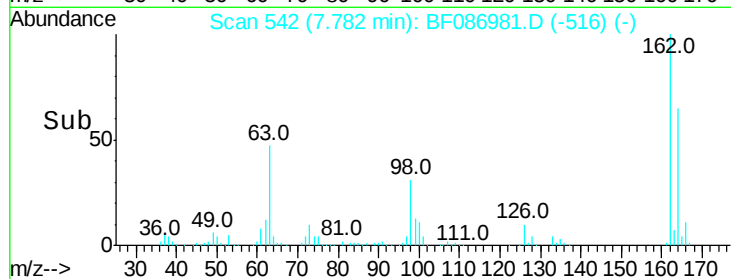
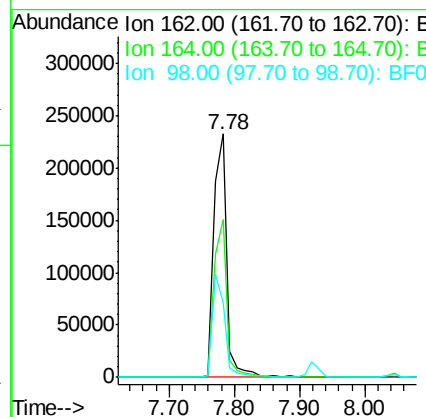
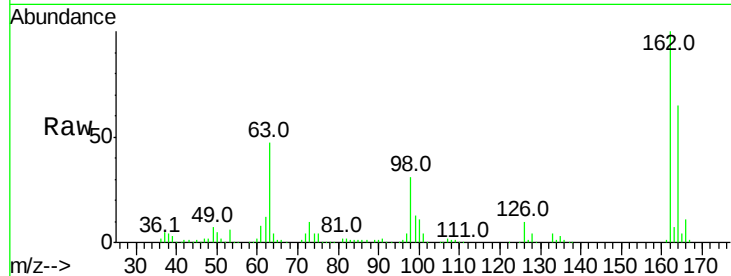
#29
 2,4-Dichlorophenol
 Concen: 41.37 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF086981.D
 Acq: 13 May 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 WELDON-WC-SC-019MSD

Tot Ion:	162	Resp:	326967
Ion Ratio	Lower	Upper	
162	100		
164	64.7	42.2	82.2
98	30.7	19.0	59.0

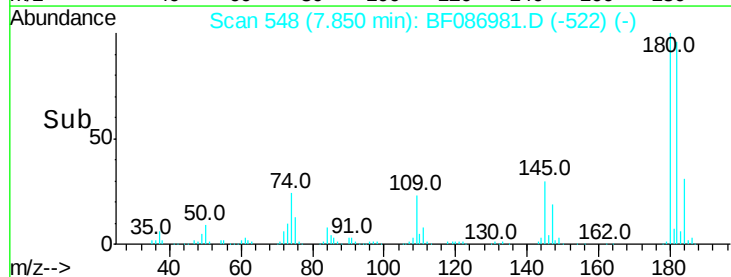
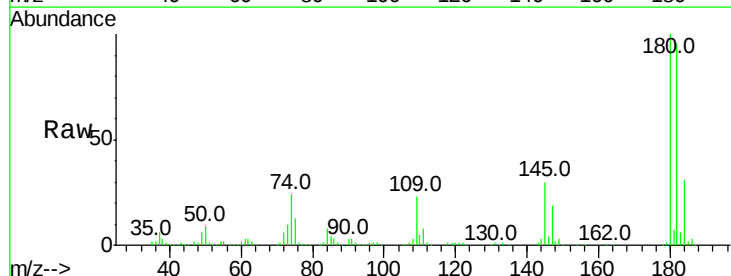
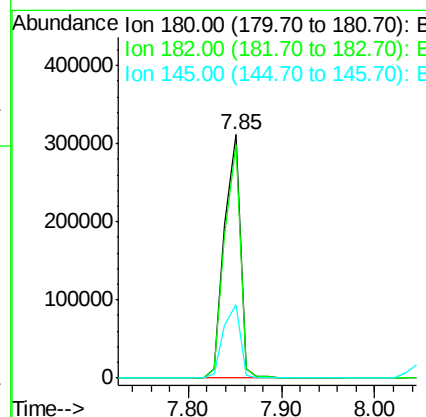
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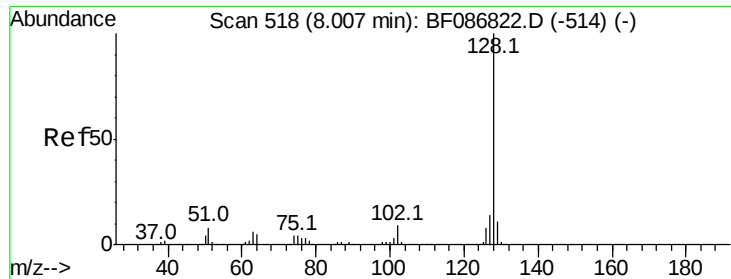
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.92 ng
 RT: 7.85 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF086981.D
 Acq: 13 May 2016 20:24

Tgt Ion:	180	Resp:	370490
Ion Ratio	Lower	Upper	
180	100		
182	95.9	78.0	117.0
145	29.9	24.2	36.2





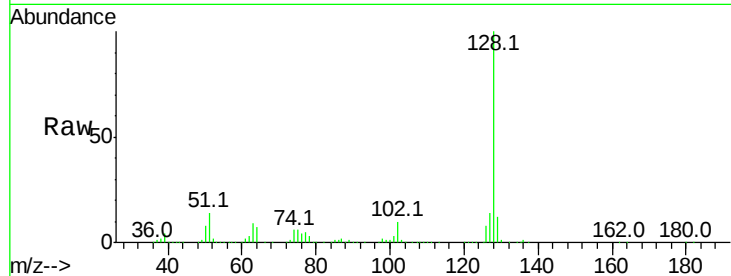
#31
Naphthalene
Concen: 39.04 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF086981.D
Acq: 13 May 2016 20:24

Instrument :
BNA_F
ClientSampleId :
WELDON-WC-SC-019MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	13.0
127	13.5	10.8	16.2

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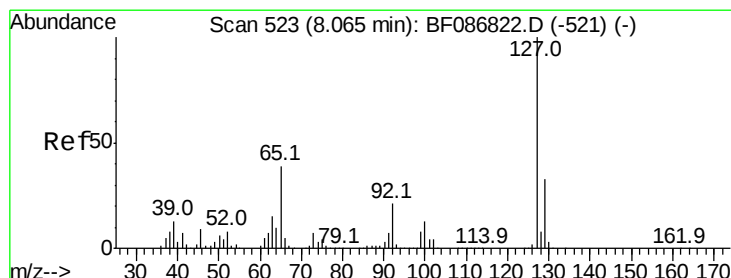
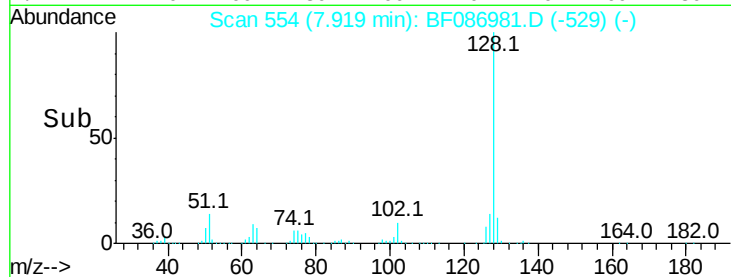
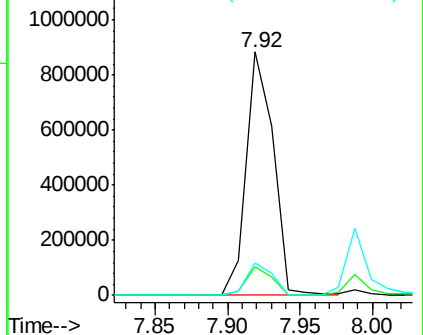


Abundance

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



#33
4-Chloroaniline
Concen: 23.74 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF086981.D
Acq: 13 May 2016 20:24

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.4
65	34.7	23.0	34.4#
92	19.4	15.1	22.7

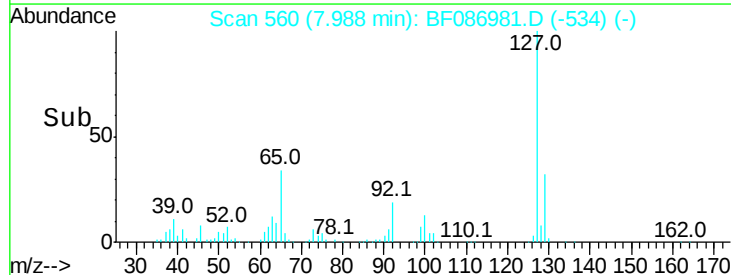
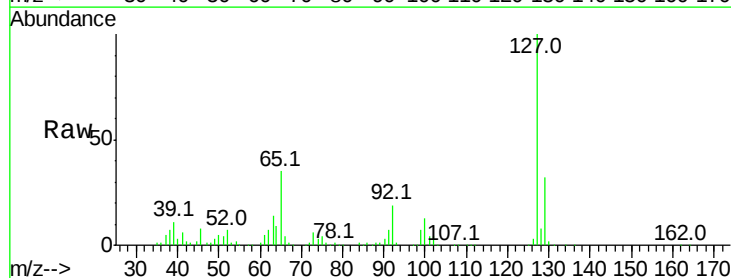
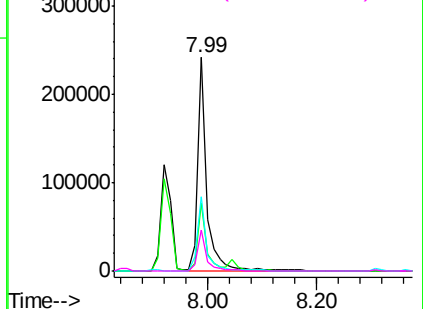
Abundance

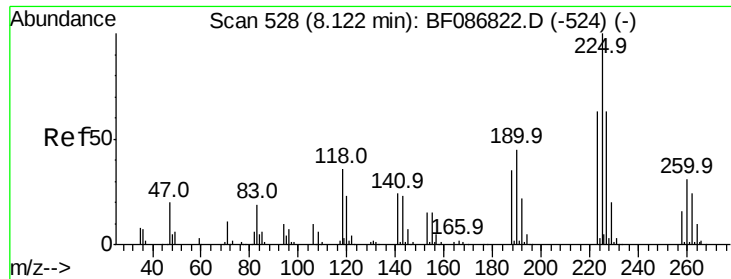
Ion 127.00 (126.70 to 127.70): E

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: 40.45 ng

RT: 8.04 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Instrument :

BNA_F

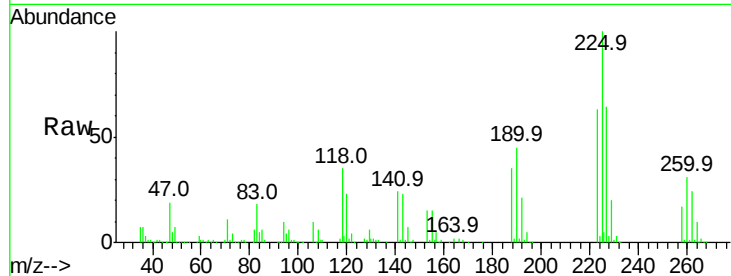
ClientSampleId :

WELDON-WC-SC-019MSD

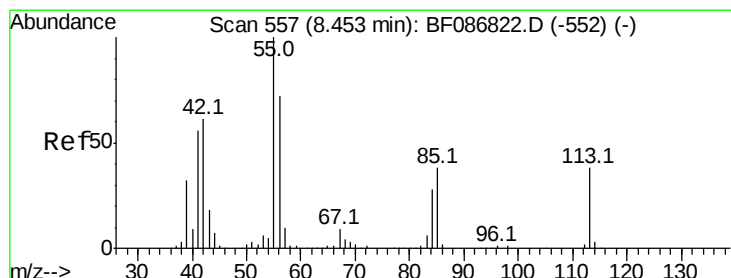
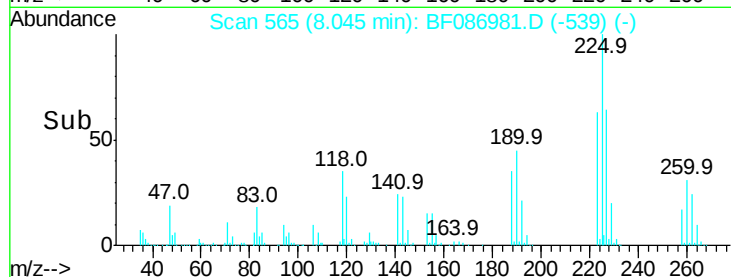
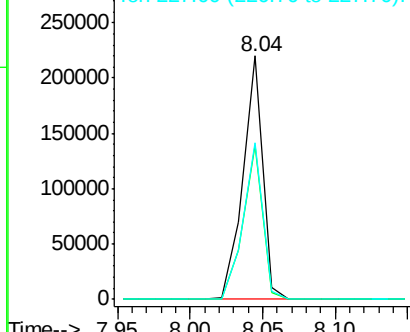
Tot Ion:	225	Resp:	207396
Ion Ratio	Lower	Upper	
225	100		
223	63.3	51.5	77.3
227	64.2	52.2	78.2

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



#35

Caprolactam

Concen: 33.69 ng m

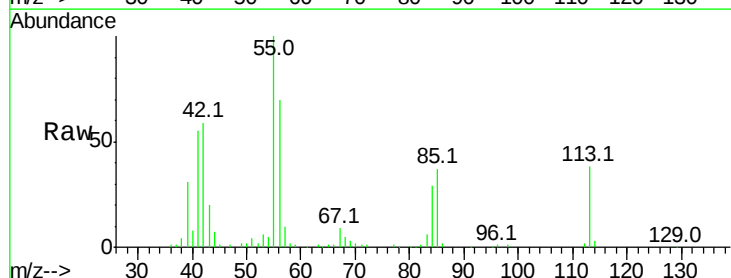
RT: 8.36 min Scan# 593

Delta R.T. -0.02 min

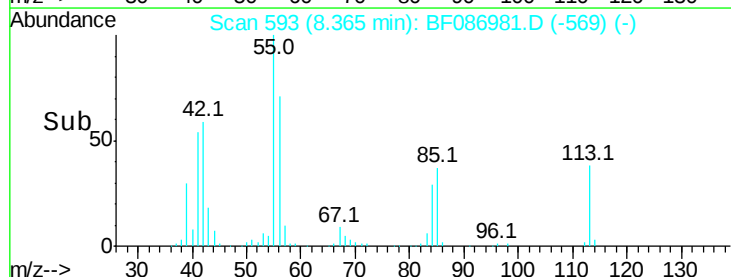
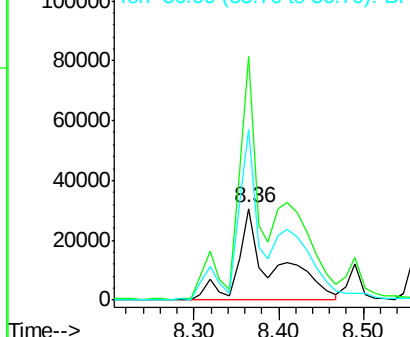
Lab File: BF086981.D

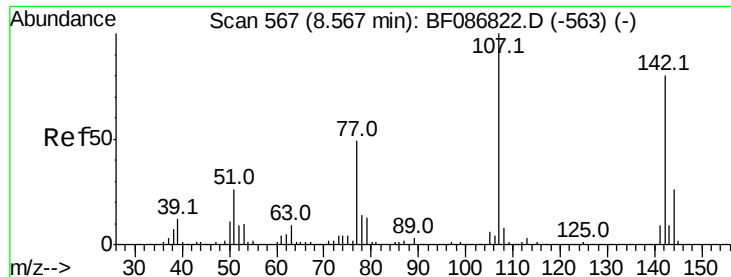
Acq: 13 May 2016 20:24

Tgt Ion:	113	Resp:	90599
Ion Ratio	Lower	Upper	
113	100		
55	264.9	162.0	202.0#
56	186.2	115.3	155.3#



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





#36

4-Chloro-3-methylphenol

Concen: 42.19 ng

RT: 8.49 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Instrument :

BNA_F

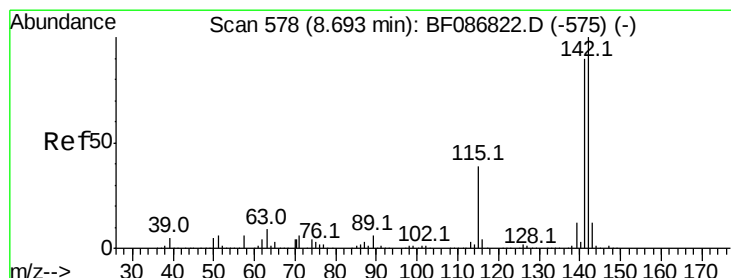
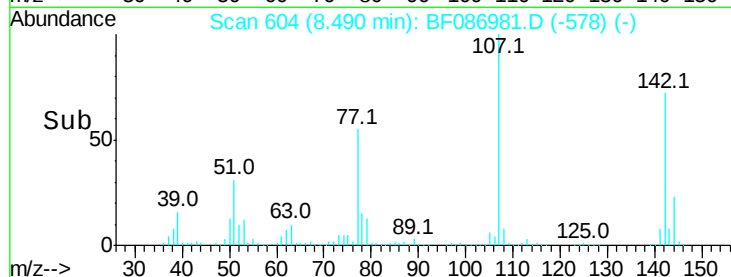
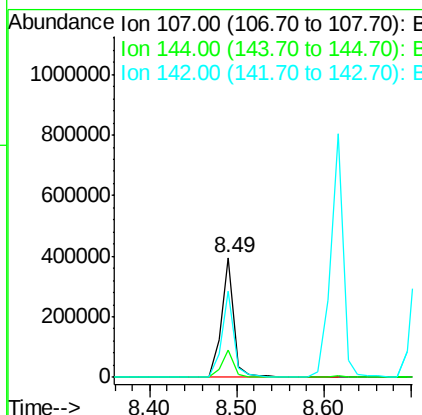
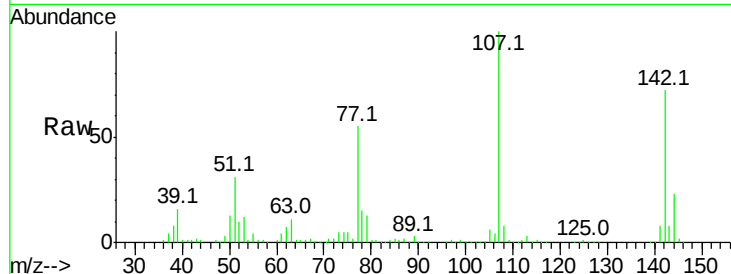
ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion:	107	Resp:	404399
Ion Ratio	Lower	Upper	
107	100		
144	22.7	20.7	31.1
142	72.2	63.2	94.8

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#37

2-Methylnaphthalene

Concen: 46.40 ng

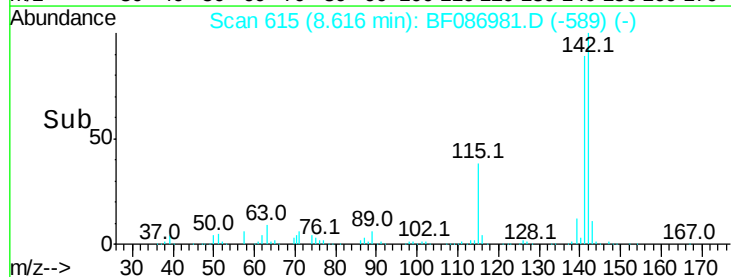
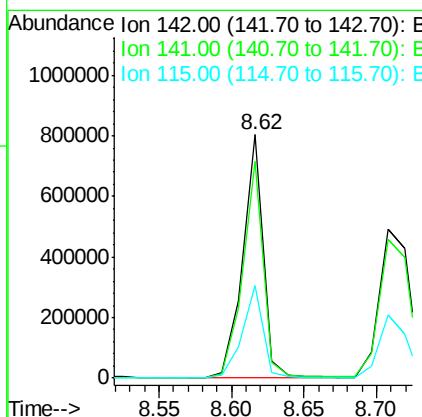
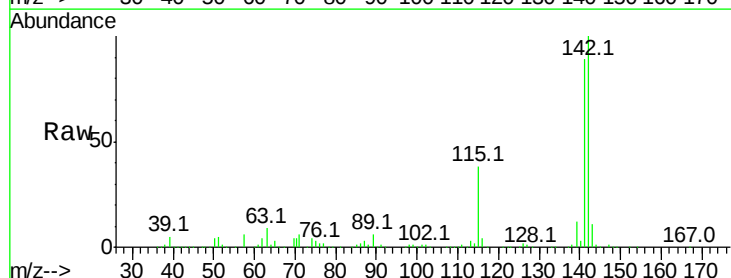
RT: 8.62 min Scan# 615

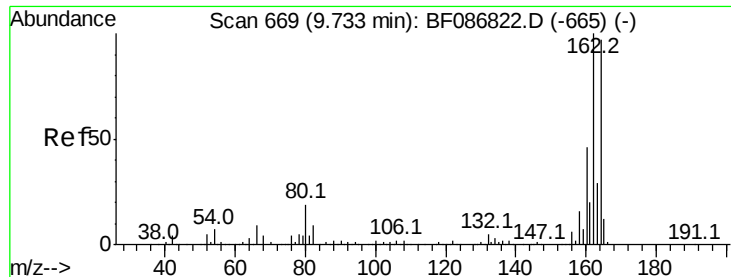
Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Tgt Ion:	142	Resp:	795391
Ion Ratio	Lower	Upper	
142	100		
141	89.1	71.0	106.6
115	37.8	26.6	39.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Instrument :

BNA_F

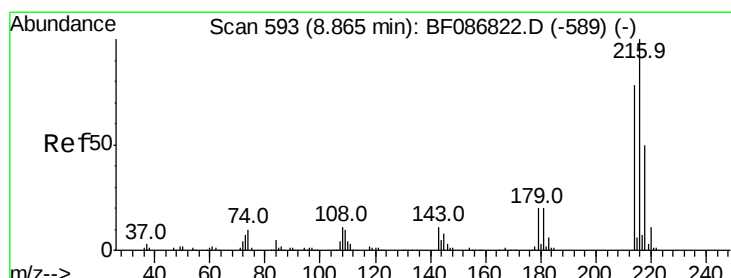
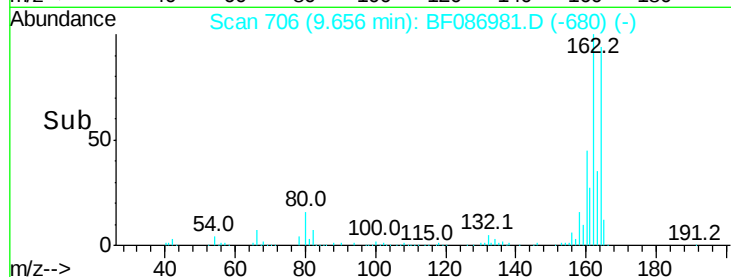
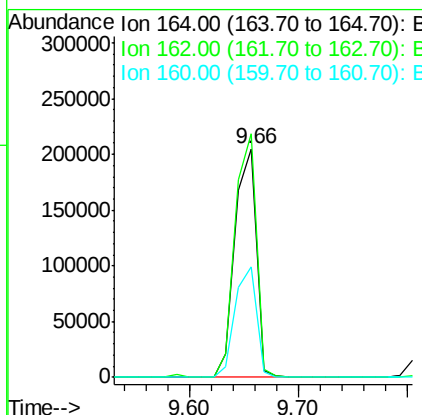
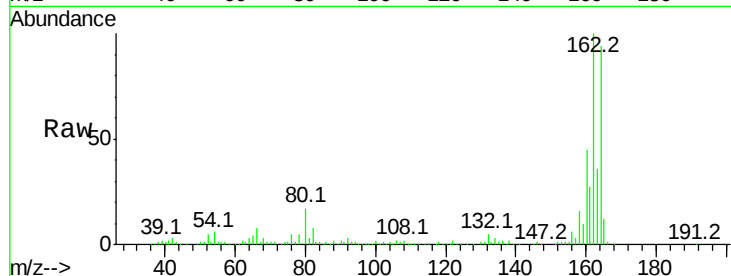
ClientSampleId :

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Tot Ion:	164	Resp:	277041
Ion Ratio	Lower	Upper	
164	100		
162	106.5	82.8	124.2
160	48.4	36.9	55.3

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.74 ng

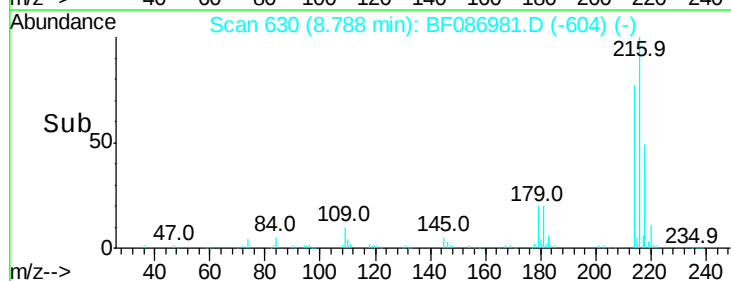
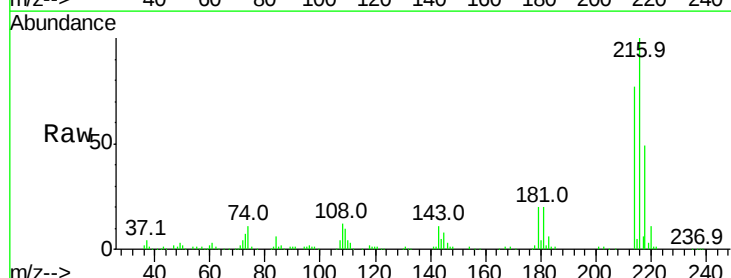
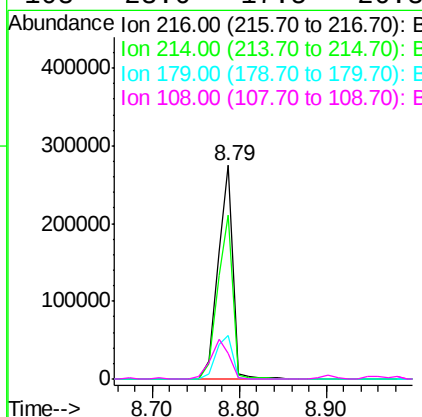
RT: 8.79 min Scan# 630

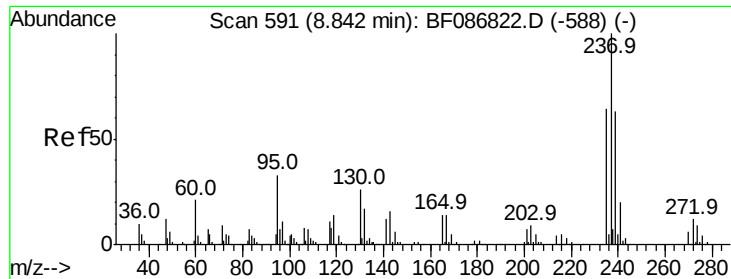
Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Tgt Ion:	216	Resp:	328144
Ion Ratio	Lower	Upper	
216	100		
214	78.4	62.6	93.8
179	22.8	18.2	27.4
108	23.6	17.5	26.3





#40

Hexachlorocyclopentadiene

Concen: 74.09 ng

RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Instrument :

BNA_F

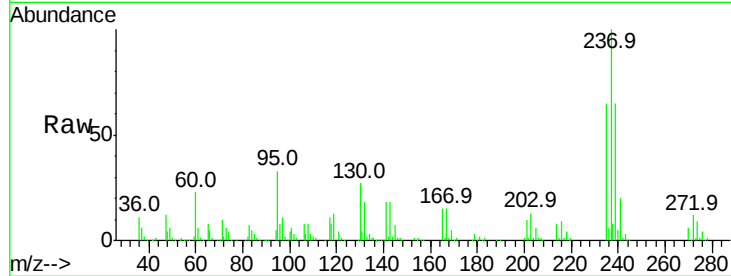
ClientSampleId :

WELDON-WC-SC-019MSD

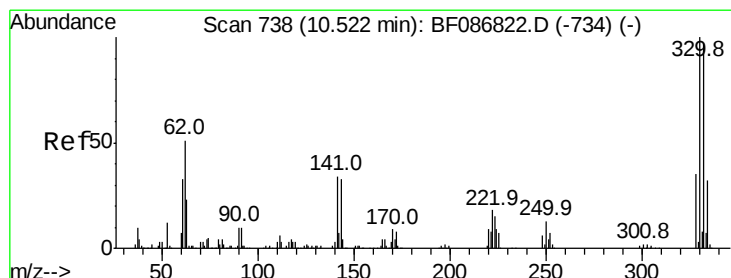
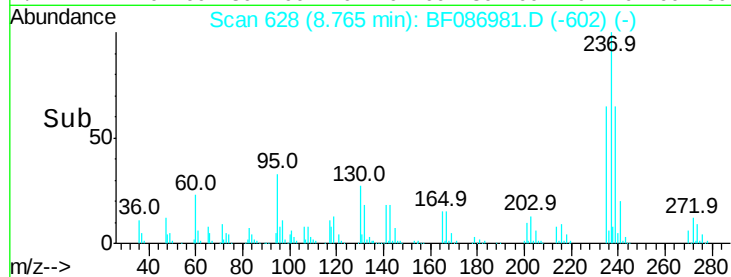
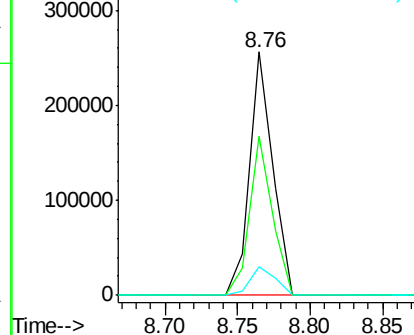
Tot Ion:	237	Resp:	283285
Ion Ratio	Lower	Upper	
237	100		
235	65.3	47.2	87.2
272	11.9	0.0	31.1

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



#41

2,4,6-Tribromophenol

Concen: 133.21 ng

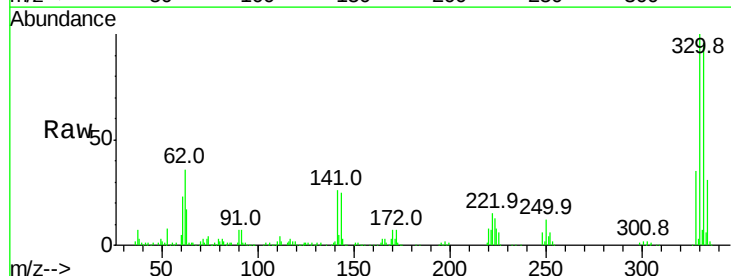
RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

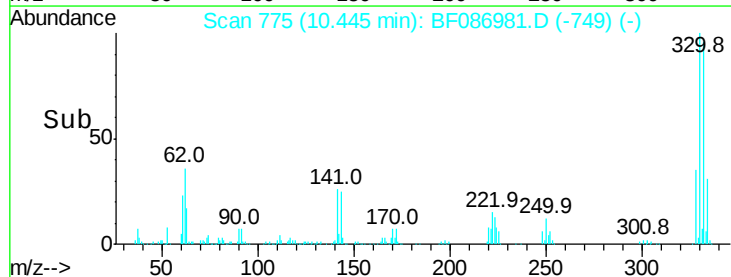
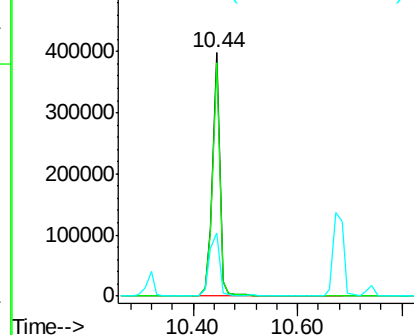
Lab File: BF086981.D

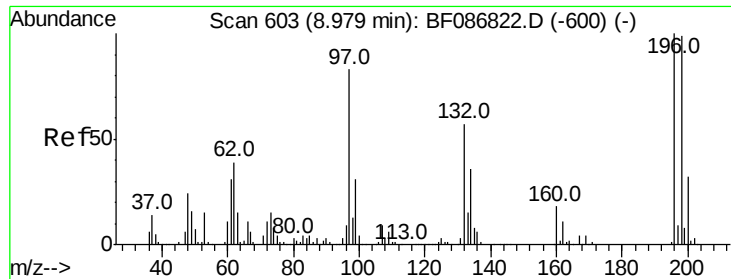
Acq: 13 May 2016 20:24

Tgt Ion:	330	Resp:	390699
Ion Ratio	Lower	Upper	
330	100		
332	96.3	79.0	118.4
141	34.8	31.2	46.8



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





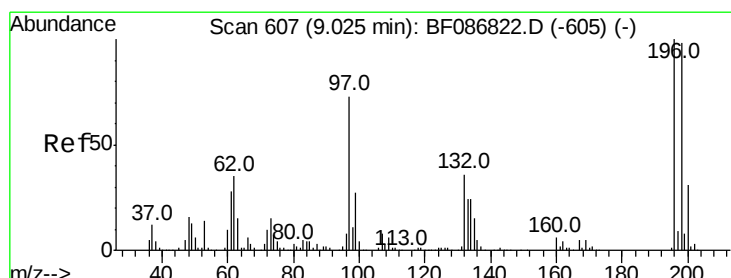
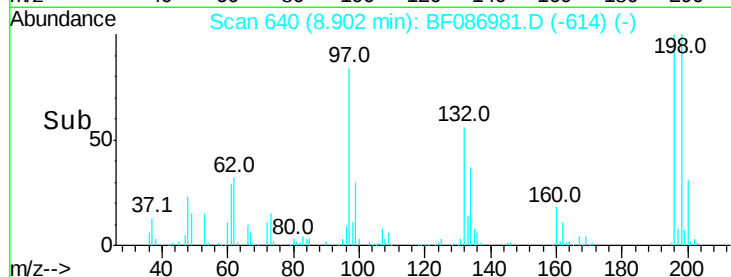
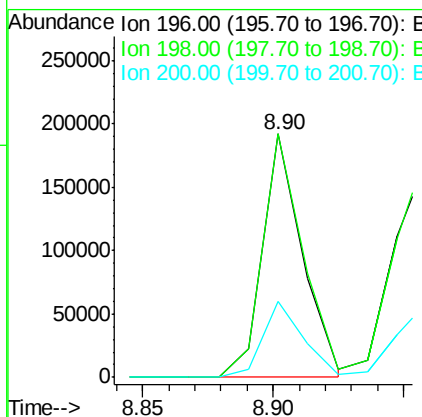
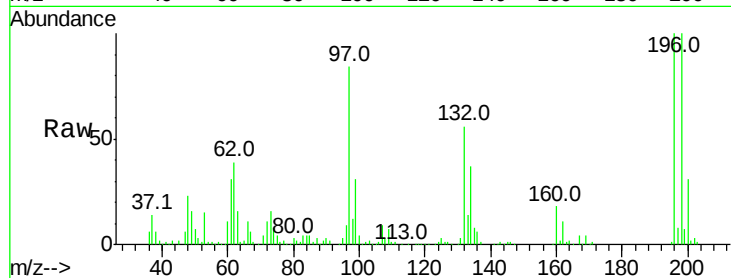
#42
 2,4,6-Trichlorophenol
 Concen: 38.17 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF086981.D
 Acq: 13 May 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 WELDON-WC-SC-019MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	205598		
198	100.1	74.7	112.1	
200	31.1	23.8	35.6	

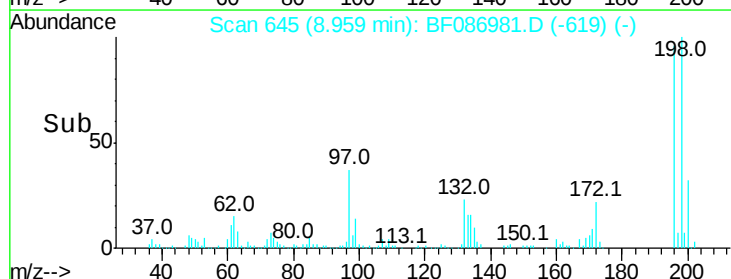
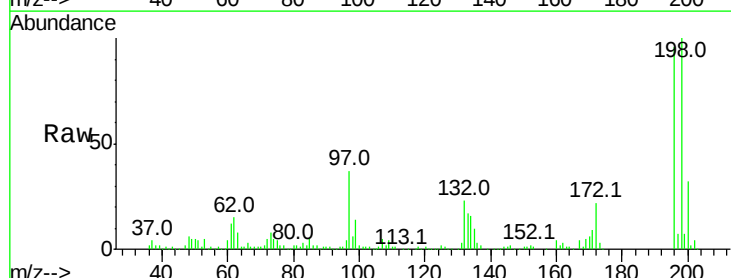
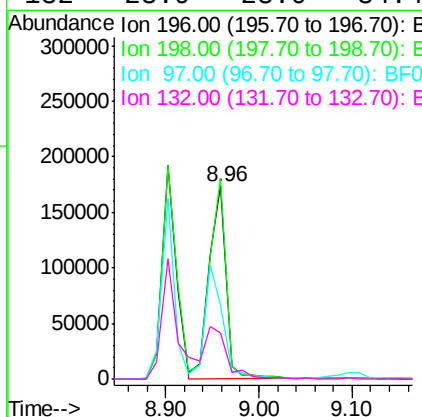
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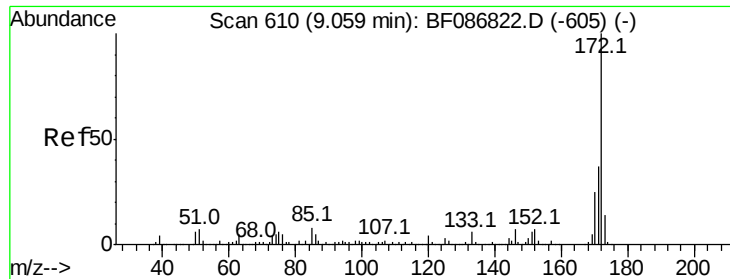
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#43
 2,4,5-Trichlorophenol
 Concen: 39.58 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF086981.D
 Acq: 13 May 2016 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	220470		
198	104.4	77.5	116.3	
97	38.6	34.8	52.2	
132	23.9	23.0	34.4	





#44

2-Fluorobiphenyl

Concen: 84.34 ng

RT: 8.98 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Instrument :

BNA_F

ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion:172 Resp: 1390276

Ion Ratio Lower Upper

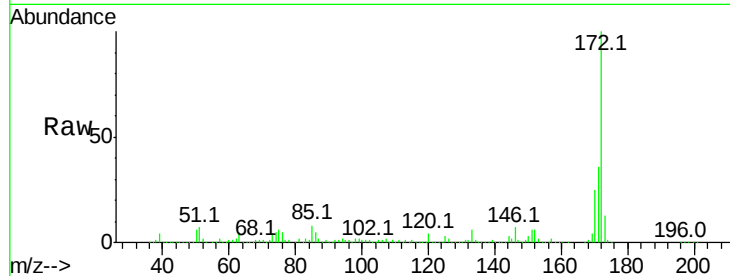
172 100

171 36.1 29.0 43.6

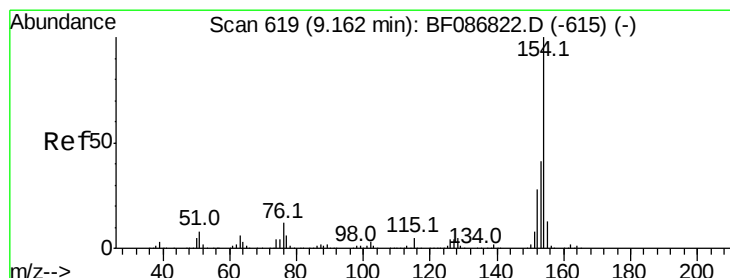
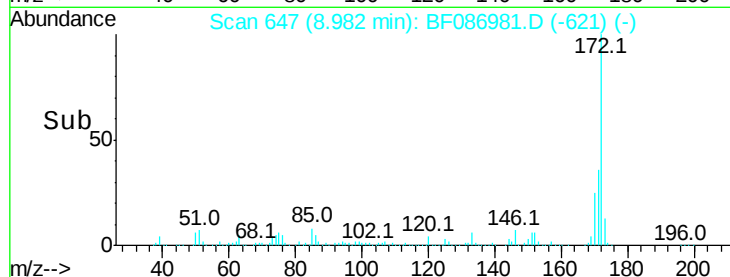
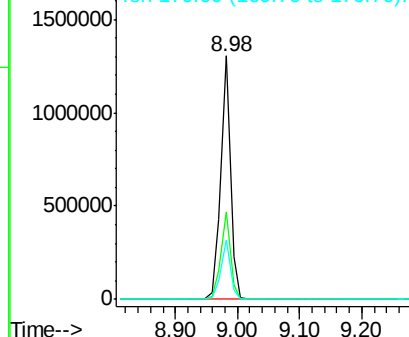
170 24.5 19.8 29.8

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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: 45.86 ng

RT: 9.08 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

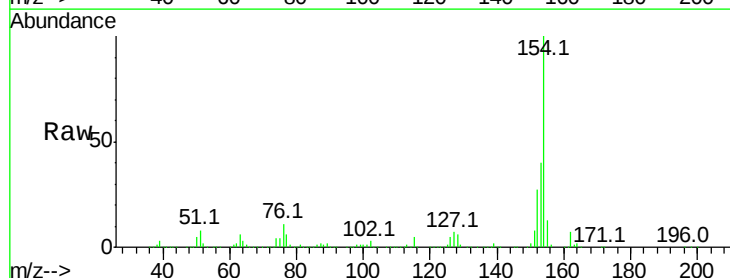
Tgt Ion:154 Resp: 1010586

Ion Ratio Lower Upper

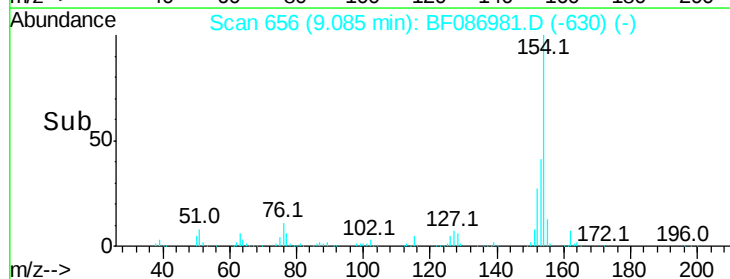
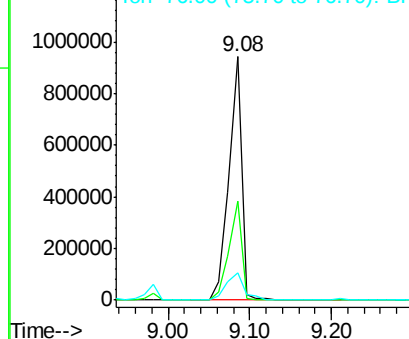
154 100

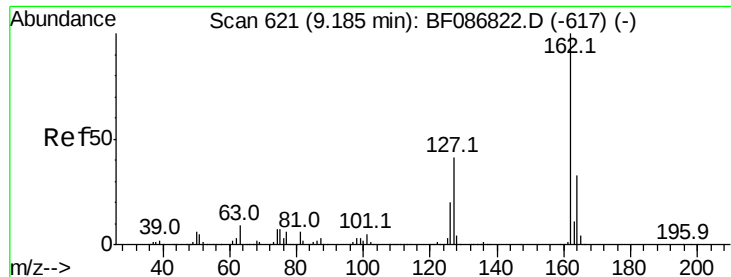
153 40.5 20.3 60.3

76 11.0 0.0 30.2



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: 42.69 ng

RT: 9.11 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Instrument :

BNA_F

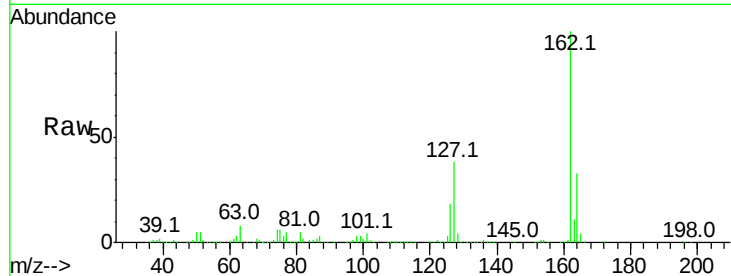
ClientSampleId :

WELDON-WC-SC-019MSD

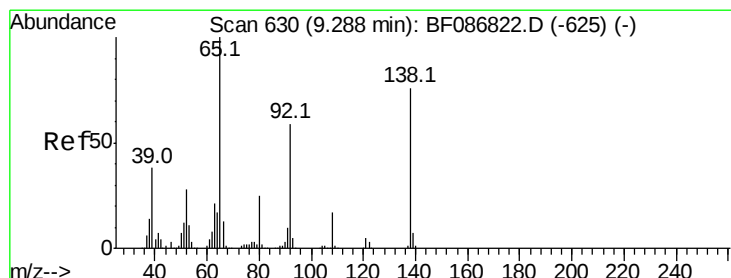
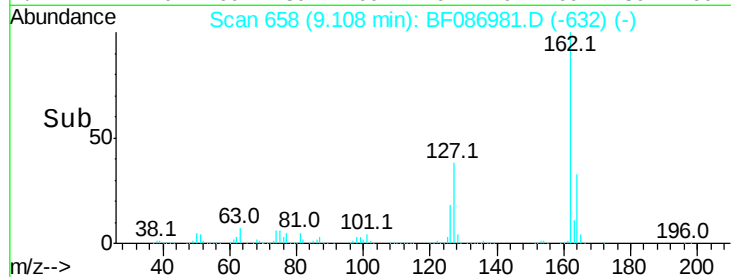
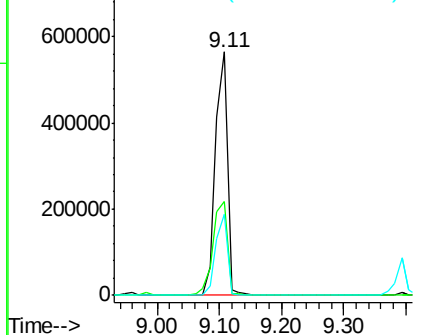
Tot Ion	Ratio	Resp	Lower	Upper
162	100	736957		
127	38.5		31.8	47.6
164	33.5		27.0	40.6

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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: 45.32 ng

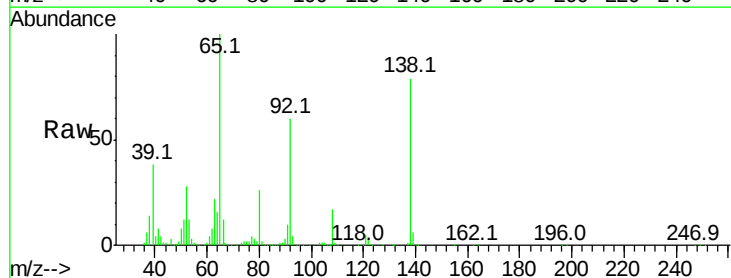
RT: 9.21 min Scan# 667

Delta R.T. 0.00 min

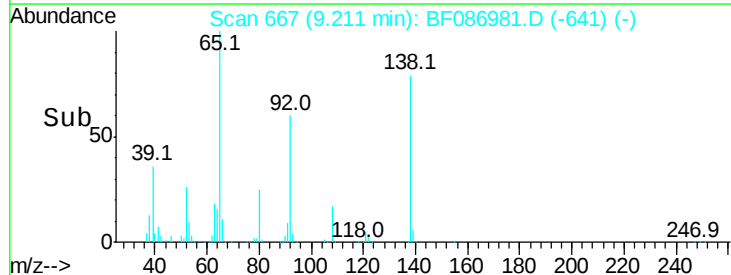
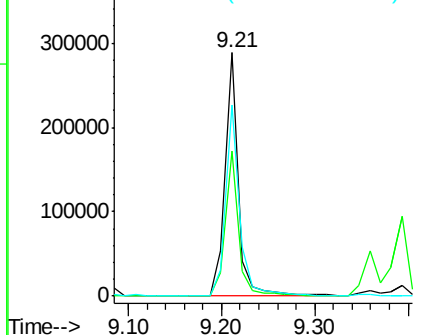
Lab File: BF086981.D

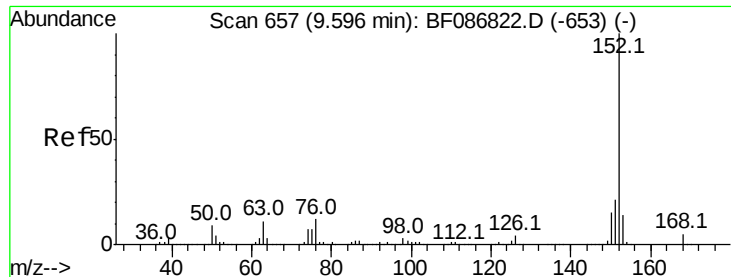
Acq: 13 May 2016 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	285964		
92	59.5		57.4	86.2
138	78.7		90.1	135.1#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 44.07 ng

RT: 9.52 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Instrument :

BNA_F

ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion:152 Resp: 1119173

Ion Ratio Lower Upper

152 100

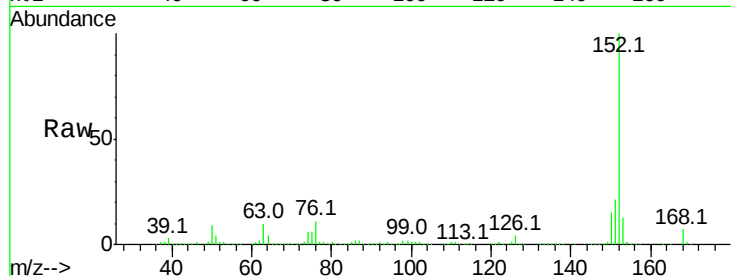
151 20.5 16.8 25.2

153 13.3 10.9 16.3

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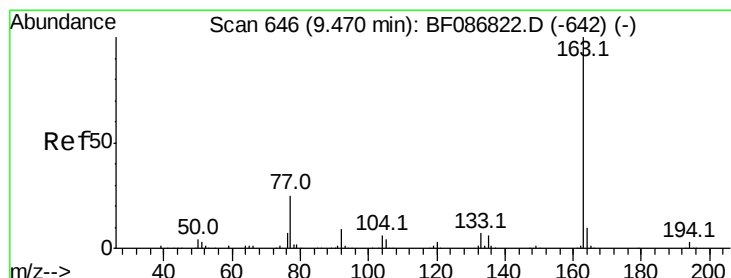
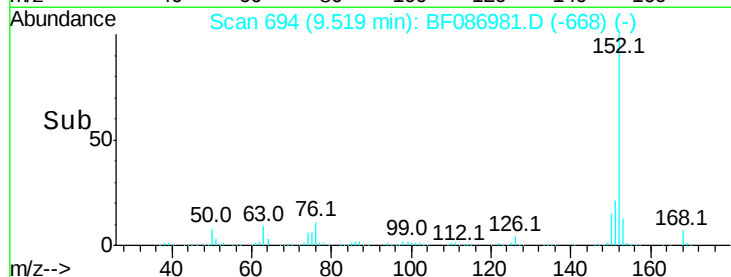
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

9.52

Time--> 9.40 9.50 9.60



#49

Dimethylphthalate

Concen: 44.46 ng

RT: 9.39 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

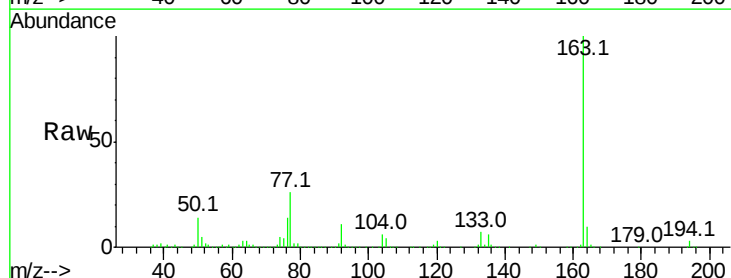
Tgt Ion:163 Resp: 939781

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

164 10.4 8.2 12.4



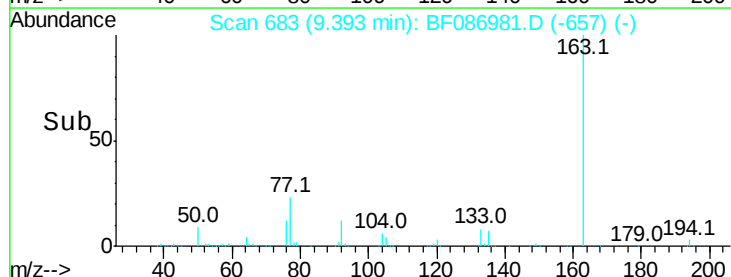
Abundance Ion 163.00 (162.70 to 163.70): E

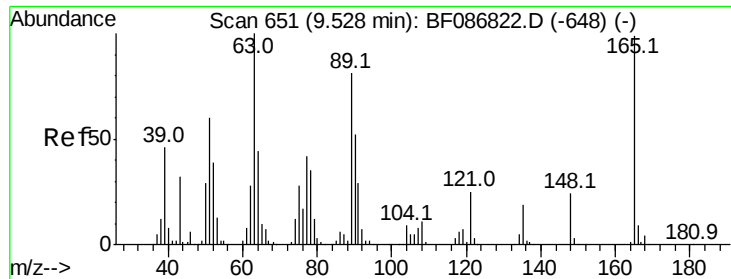
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

9.39

Time--> 9.30 9.40 9.50 9.60





#50

2,6-Dinitrotoluene

Concen: 42.03 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Instrument :

BNA_F

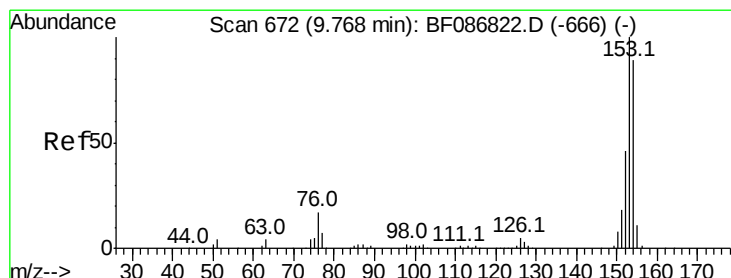
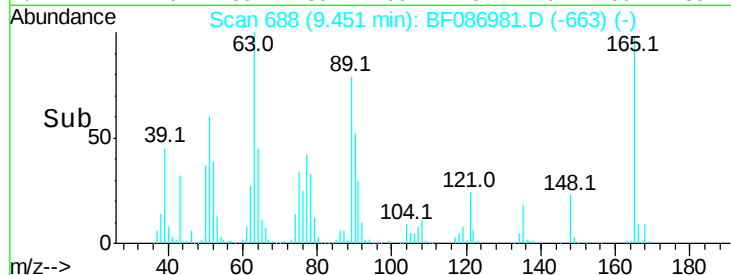
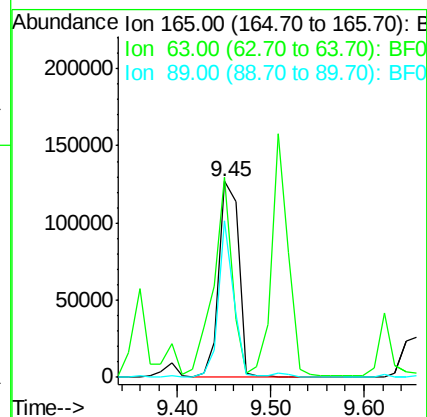
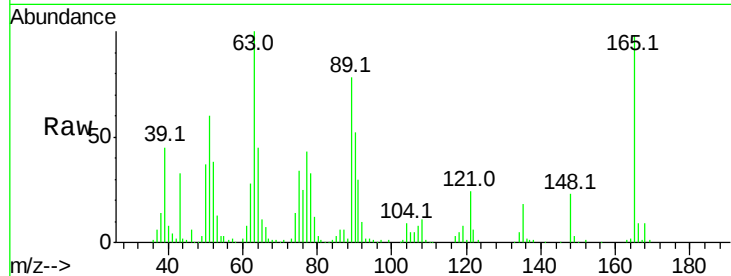
ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion:	165	Resp:	186961
Ion Ratio	Lower	Upper	
165	100		
63	102.3	51.8	77.8#
89	80.1	50.7	76.1#

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#51

Acenaphthene

Concen: 43.95 ng

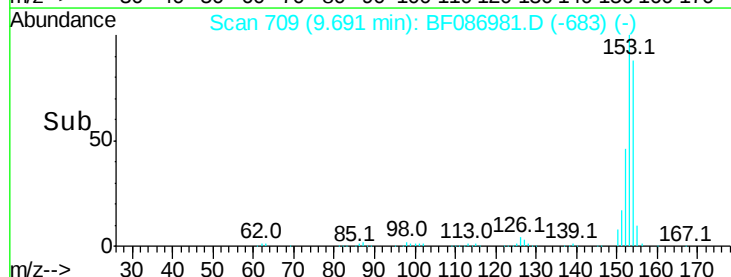
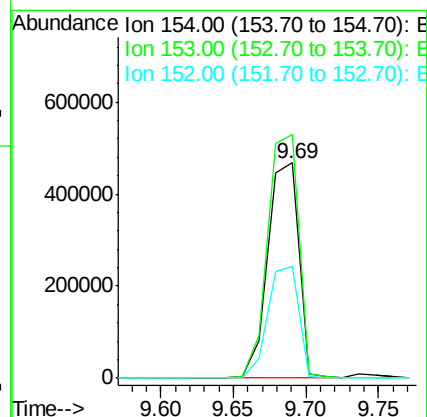
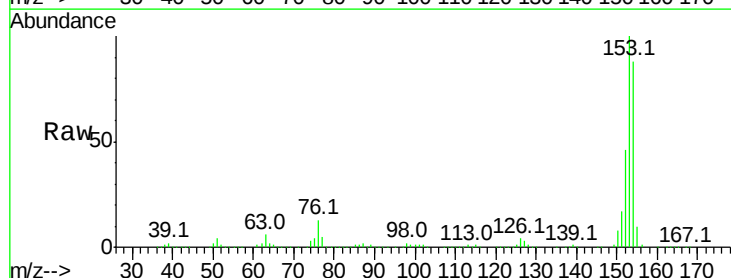
RT: 9.69 min Scan# 709

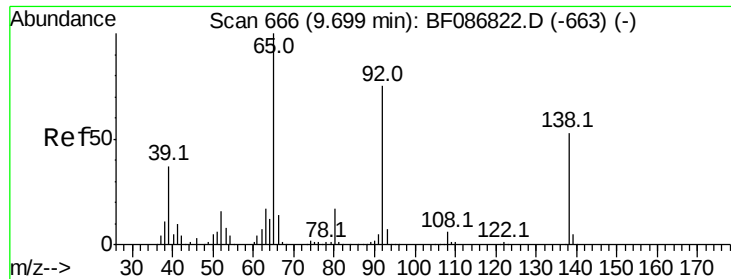
Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Tgt Ion:	154	Resp:	694257
Ion Ratio	Lower	Upper	
154	100		
153	113.2	89.8	134.6
152	51.8	43.4	65.0





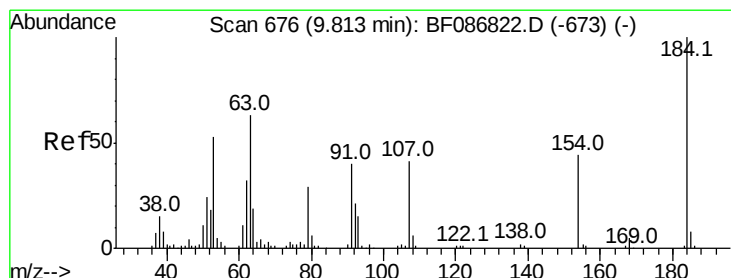
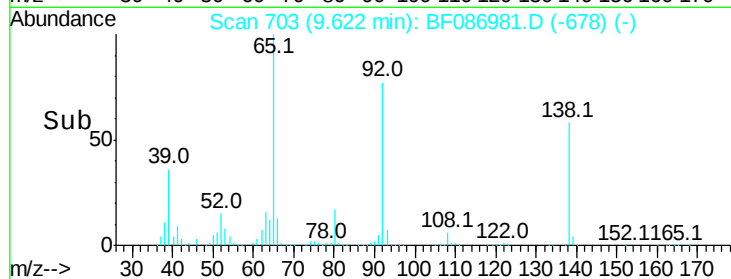
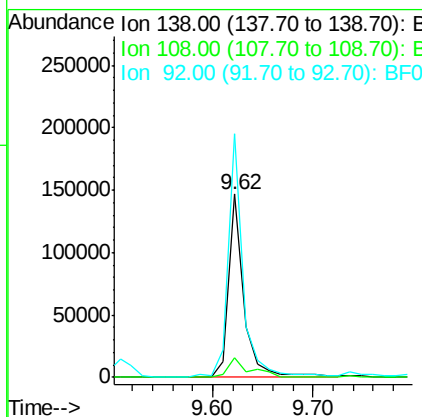
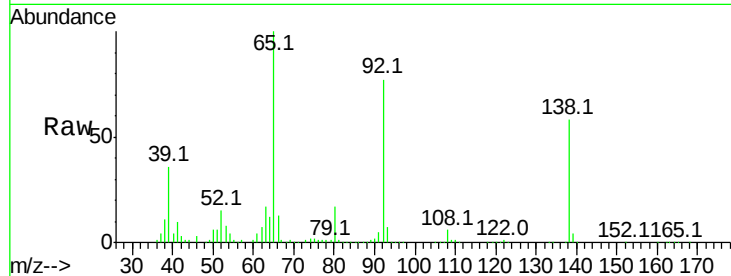
#52
 3-Nitroaniline
 Concen: 33.22 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF086981.D
 Acq: 13 May 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 WELDON-WC-SC-019MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	7.8	11.6
92	133.2	87.8	131.8#

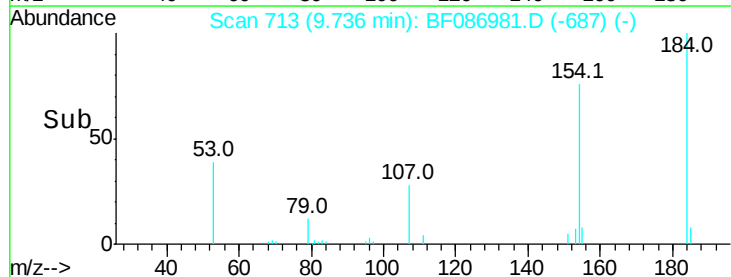
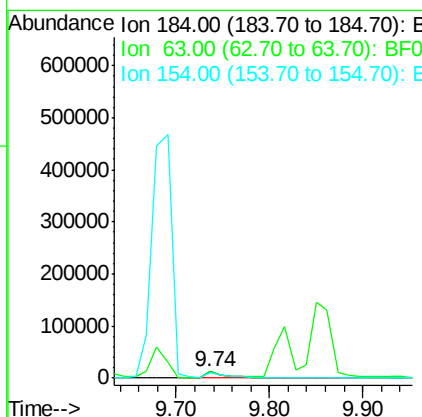
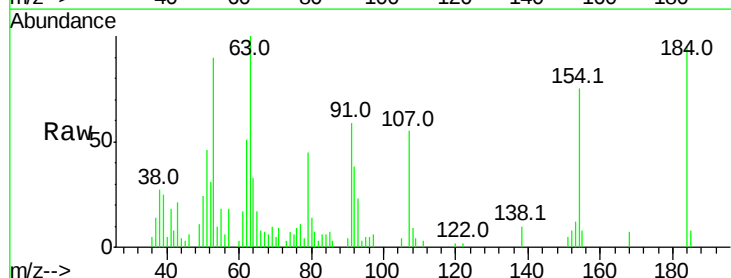
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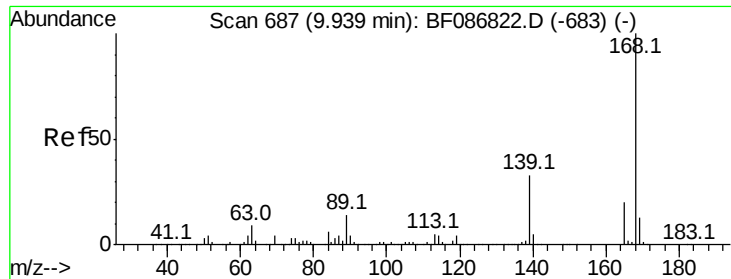
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#53
 2,4-Dinitrophenol
 Concen: 16.79 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF086981.D
 Acq: 13 May 2016 20:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	104.9	55.8	83.8#
154	79.1	62.4	93.6





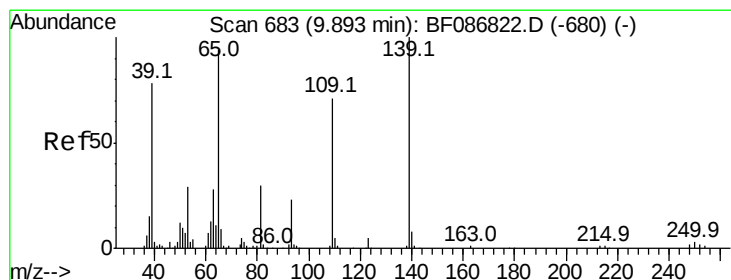
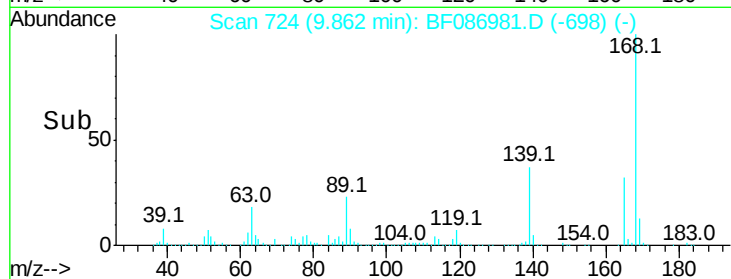
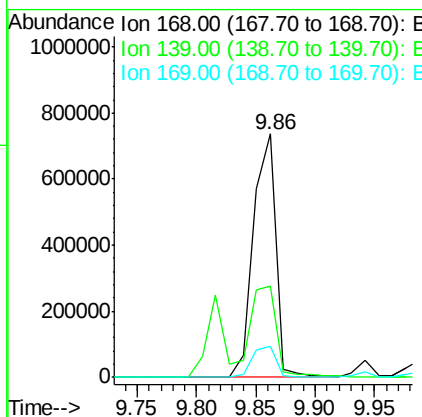
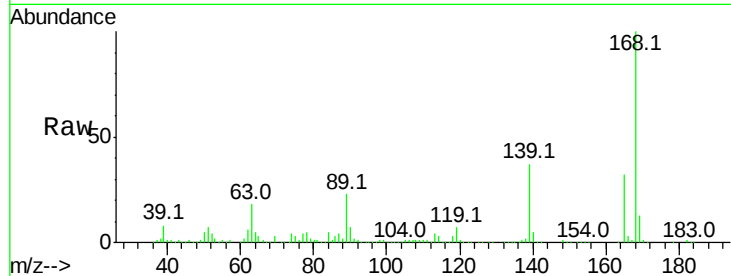
#54
Dibenzofuran
Concen: 48.29 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF086981.D
Acq: 13 May 2016 20:24

Instrument :
BNA_F
ClientSampleId :
WELDON-WC-SC-019MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	979278		
139	37.4		31.4	47.0
169	12.9		10.7	16.1

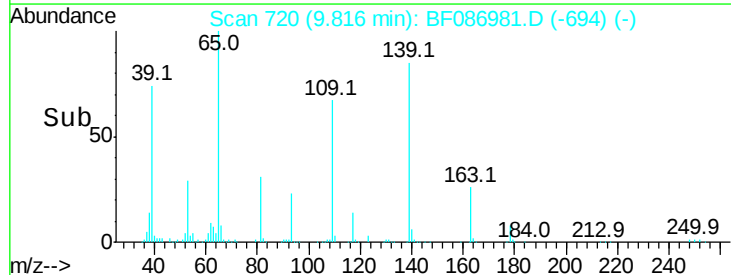
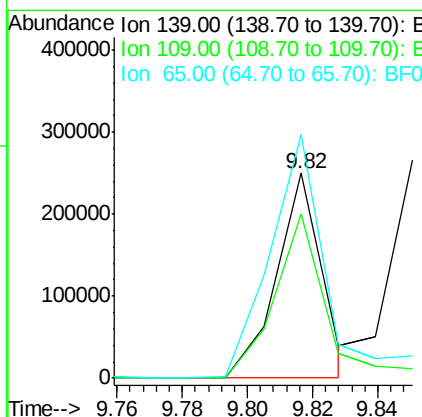
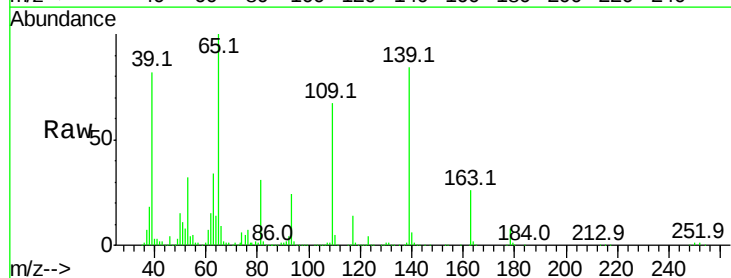
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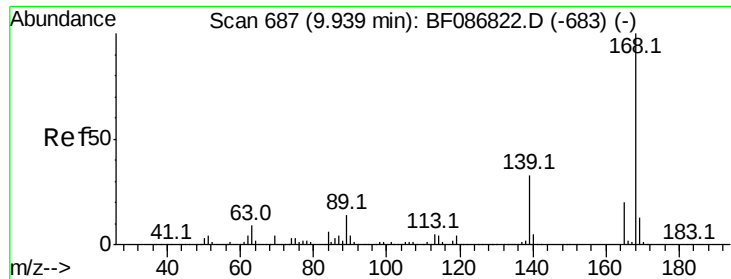
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#55
4-Nitrophenol
Concen: 77.72 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF086981.D
Acq: 13 May 2016 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	242240		
109	80.2		36.9	76.9#
65	118.9		64.0	104.0#





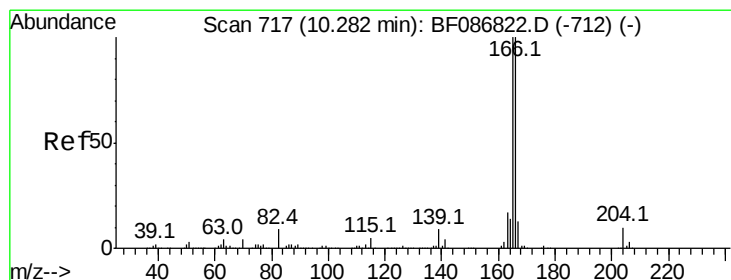
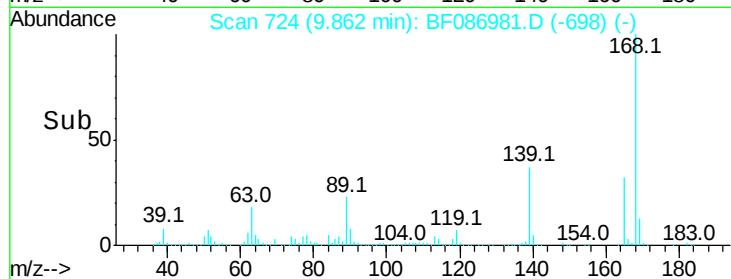
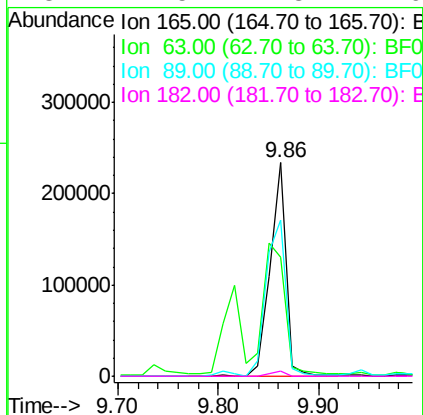
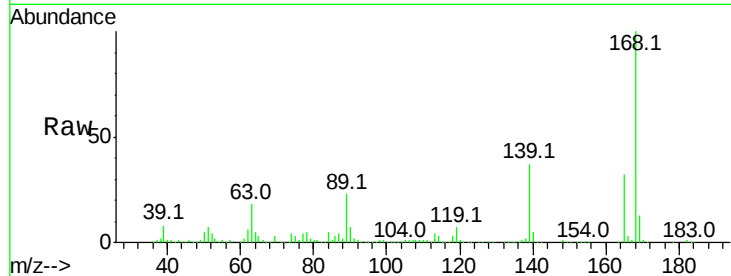
#56
2,4-Dinitrotoluene
Concen: 46.90 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF086981.D
Acq: 13 May 2016 20:24

Instrument :
BNA_F
ClientSampleId :
WELDON-WC-SC-019MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	258187		
63	55.9	44.3	66.5	
89	73.3	70.0	105.0	
182	2.5	1.8	2.6	

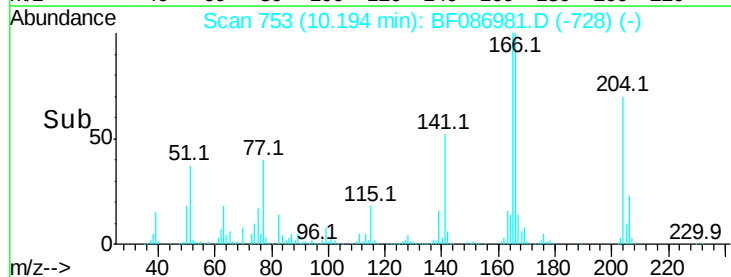
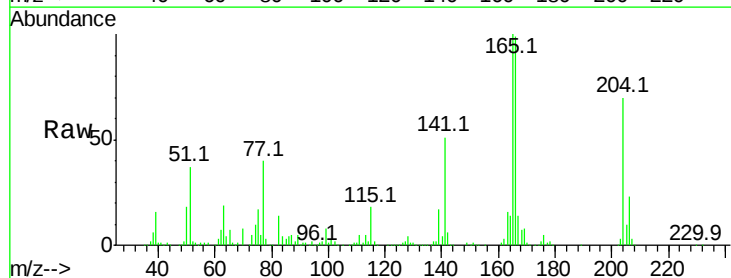
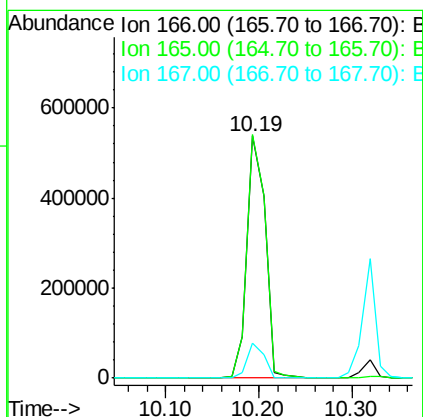
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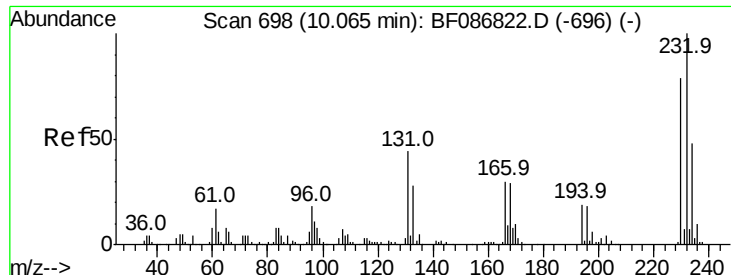
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#57
Fluorene
Concen: 42.26 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF086981.D
Acq: 13 May 2016 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	730846		
165	100.6	79.0	118.6	
167	14.3	10.6	15.8	





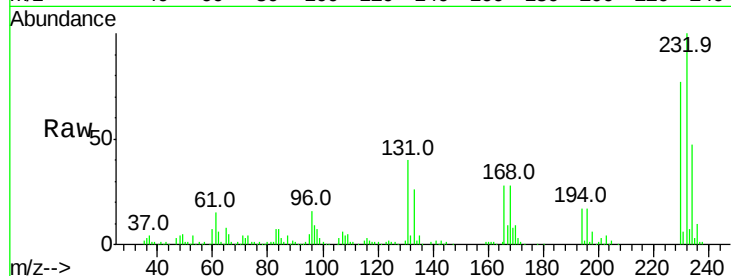
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.60 ng
 RT: 9.99 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF086981.D
 Acq: 13 May 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 WELDON-WC-SC-019MSD

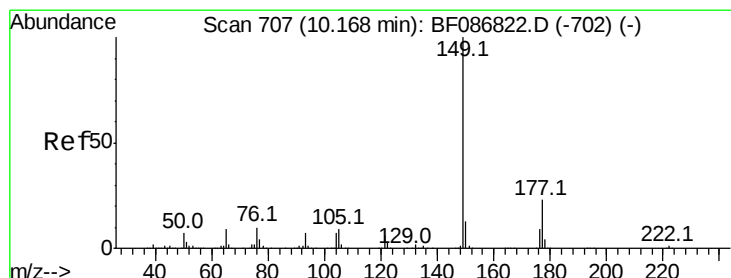
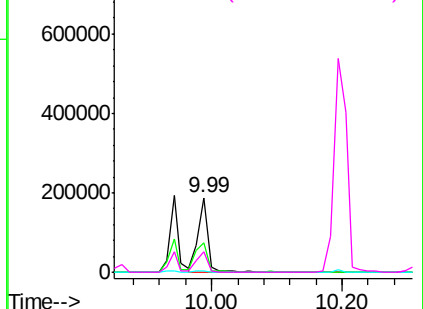
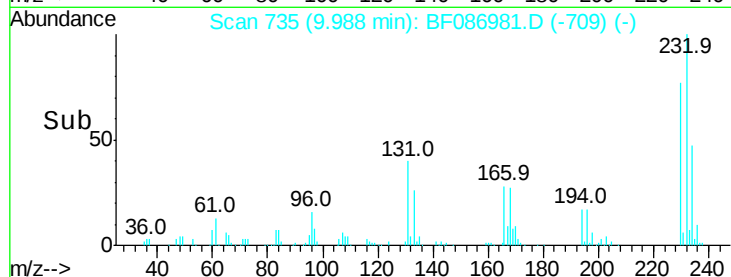
Tot Ion	Ratio	Resp	Lower	Upper
232	100	195426		
131	49.2	41.9	62.9	
130	2.5	2.2	3.4	
166	30.2	26.8	40.2	

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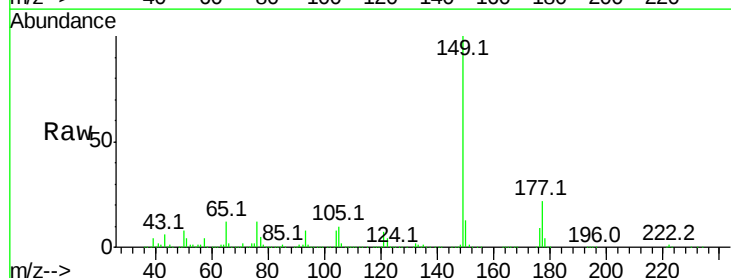


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

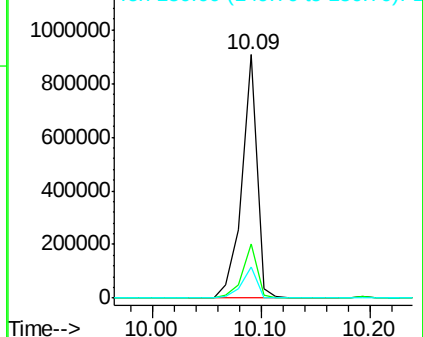
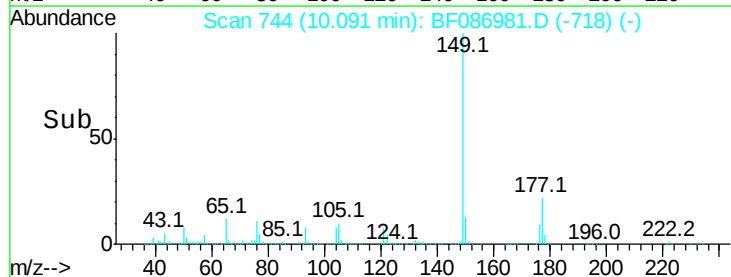


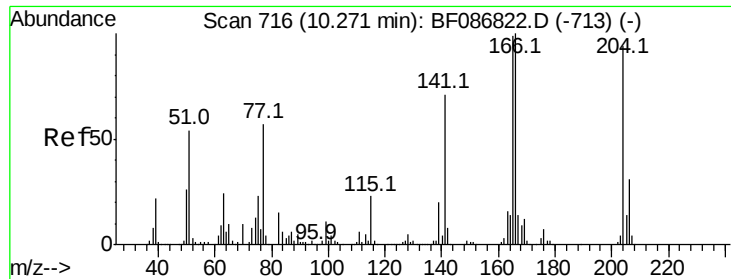
#59
 Diethylphthalate
 Concen: 41.86 ng
 RT: 10.09 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF086981.D
 Acq: 13 May 2016 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	862244		
177	22.2	16.6	24.8	
150	13.0	10.0	15.0	



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





#60

4-Chlorophenyl-phenylether

Concen: 44.82 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Instrument :

BNA_F

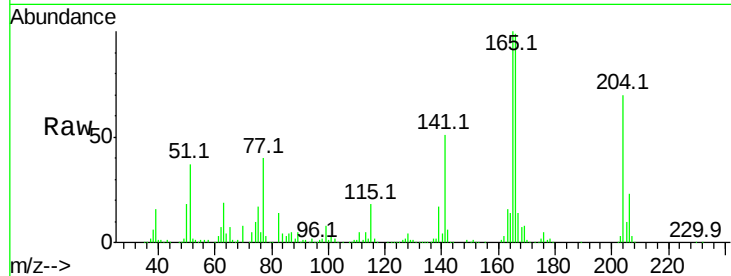
ClientSampleId :

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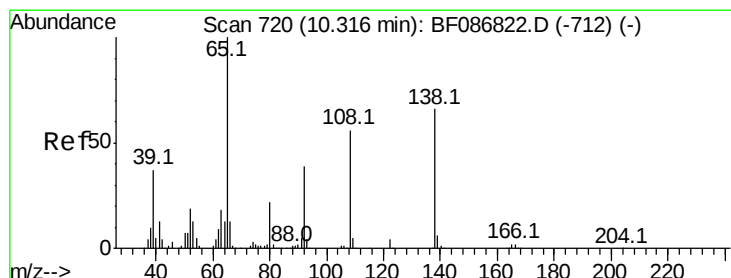
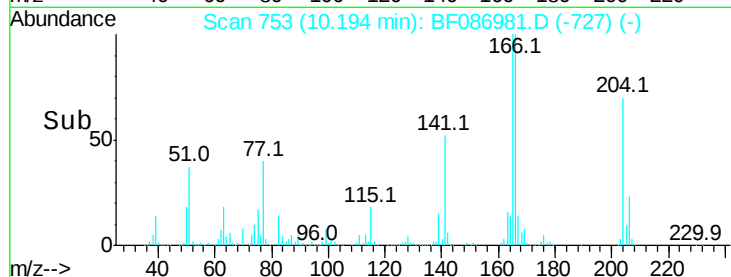
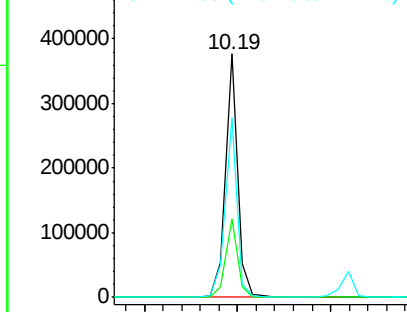
Tot Ion:	204	Resp:	337521
Ion Ratio	Lower	Upper	
204	100		
206	32.3	25.4	38.0
141	73.8	61.6	92.4

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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: 44.49 ng

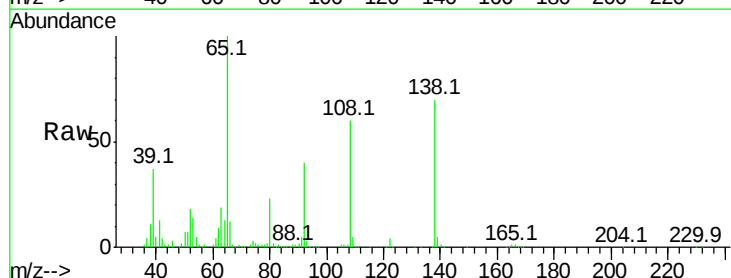
RT: 10.24 min Scan# 757

Delta R.T. -0.01 min

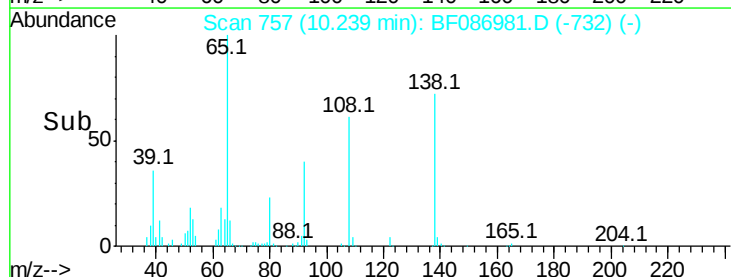
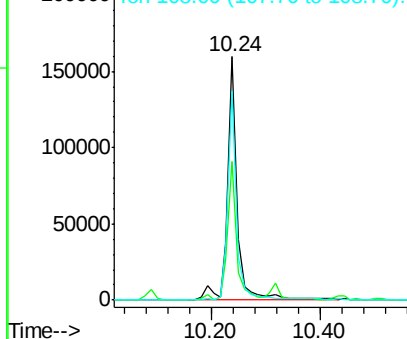
Lab File: BF086981.D

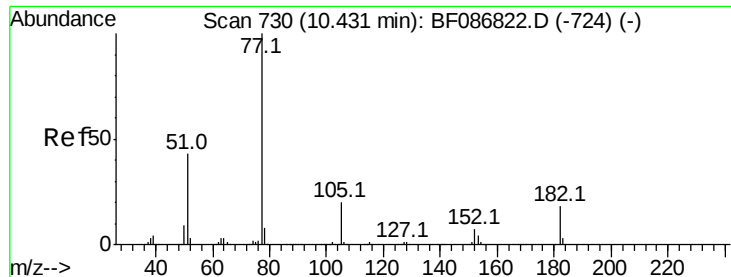
Acq: 13 May 2016 20:24

Tgt Ion:	138	Resp:	200078
Ion Ratio	Lower	Upper	
138	100		
92	56.9	24.7	64.7
108	85.9	37.4	77.4#



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





#62

Azobenzene

Concen: 45.69 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Instrument :

BNA_F

ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion: 77 Resp: 1015292

Ion Ratio Lower Upper

77 100

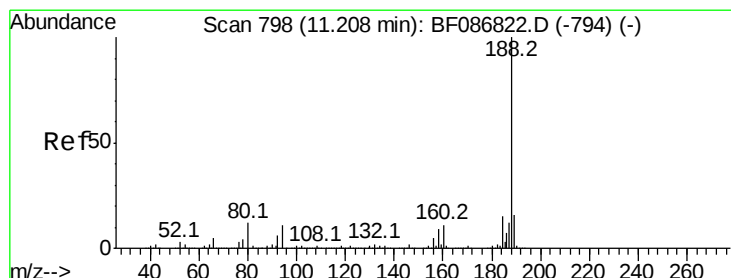
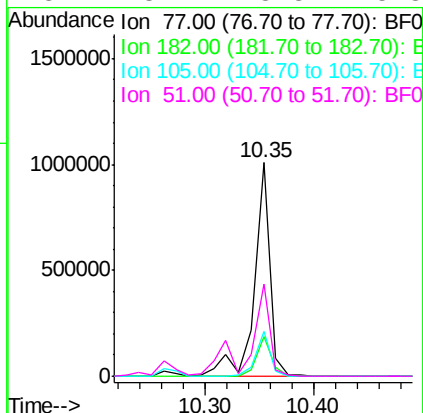
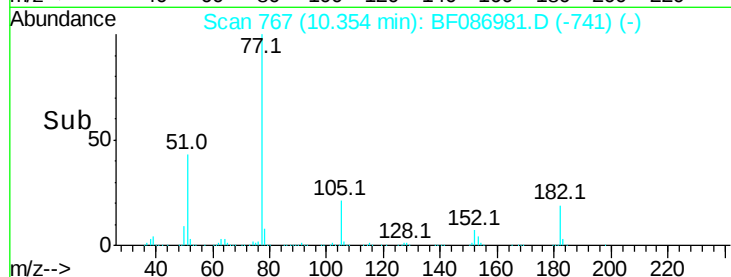
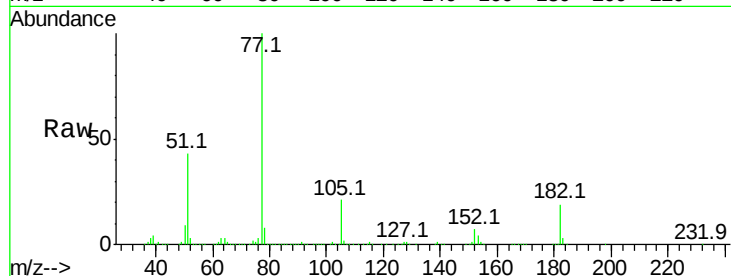
182 18.8 0.0 38.8

105 20.7 3.2 43.2

51 43.2 8.8 48.8

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#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

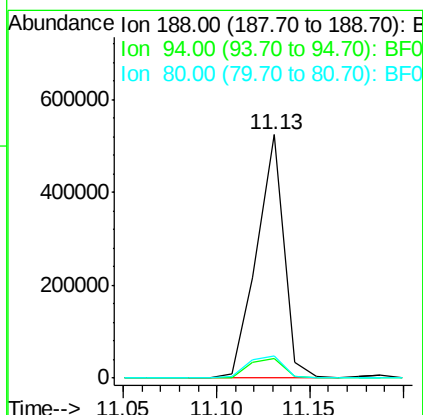
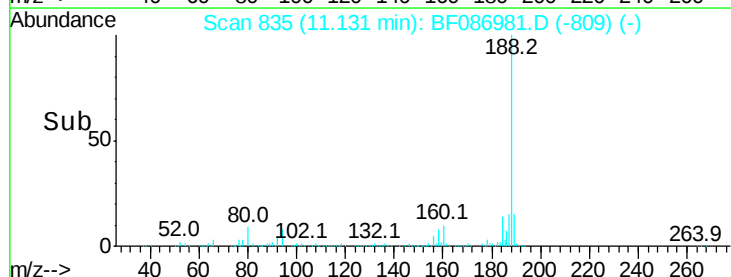
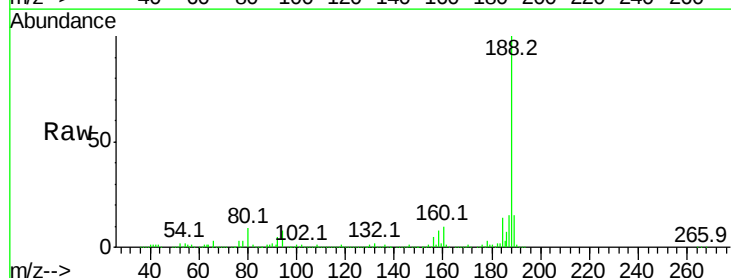
Tgt Ion: 188 Resp: 542824

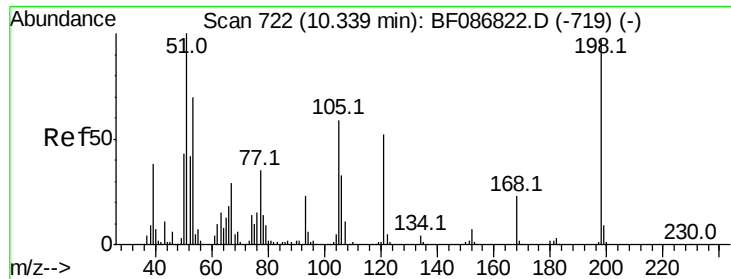
Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

80 9.0 7.1 10.7





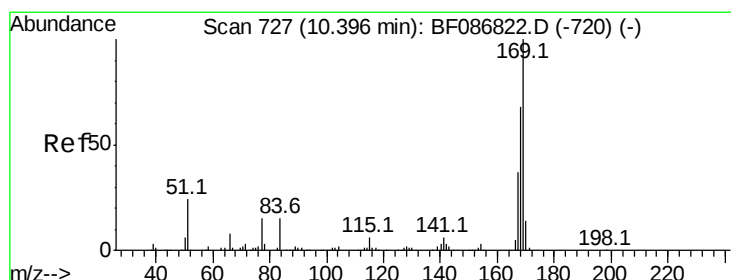
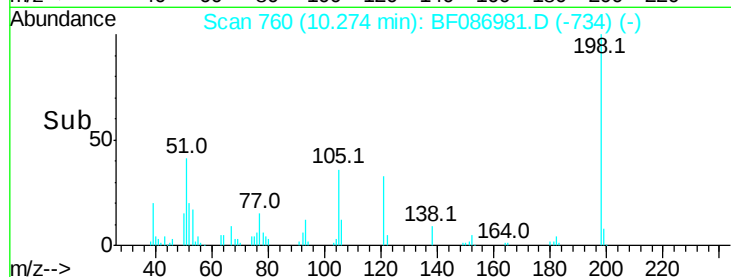
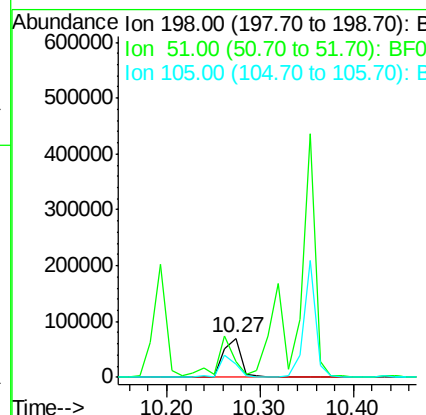
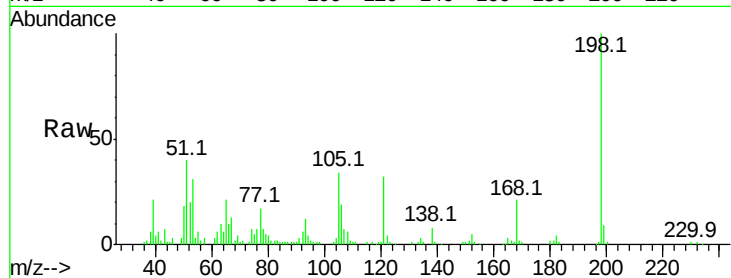
#64
 4,6-Dinitro-2-methylphenol
 Concen: 27.51 ng
 RT: 10.27 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF086981.D
 Acq: 13 May 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 WELDON-WC-SC-019MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	92760		
51	39.7	20.5	60.5	
105	33.8	24.5	64.5	

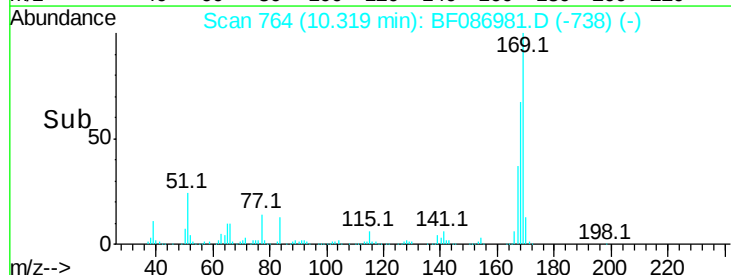
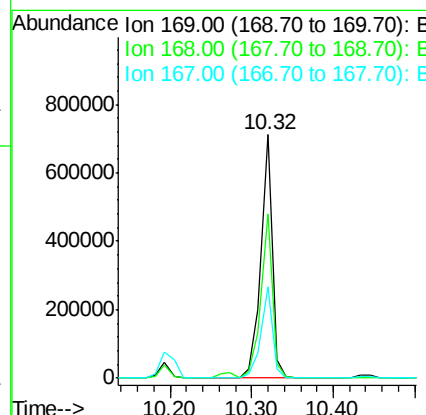
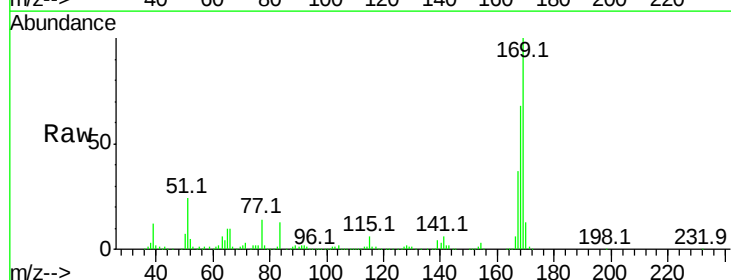
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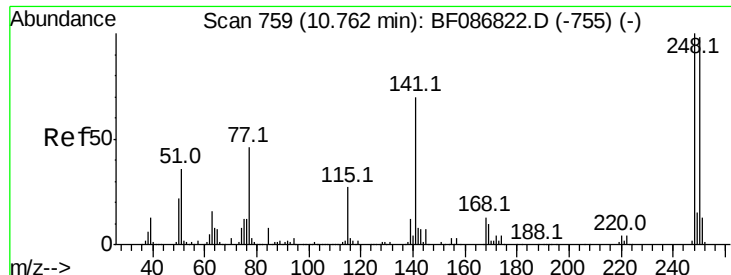
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#65
 n-Nitrosodiphenylamine
 Concen: 41.60 ng
 RT: 10.32 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF086981.D
 Acq: 13 May 2016 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	693665		
168	67.6	53.8	80.6	
167	37.4	29.5	44.3	





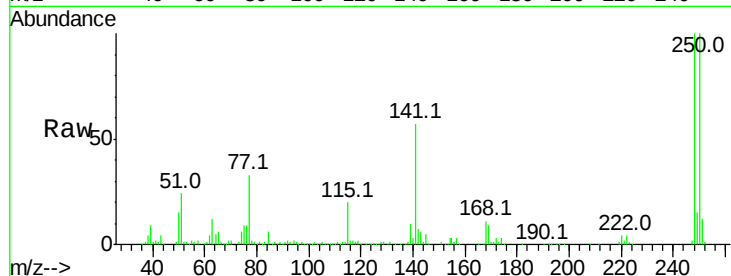
#66
4-Bromophenyl-phenylether
Concen: 41.60 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF086981.D
Acq: 13 May 2016 20:24

Instrument :
BNA_F
ClientSampleId :
WELDON-WC-SC-019MSD

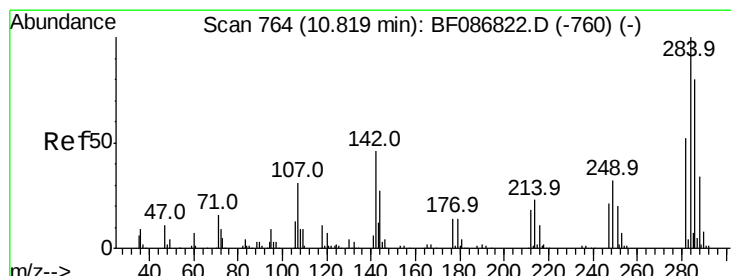
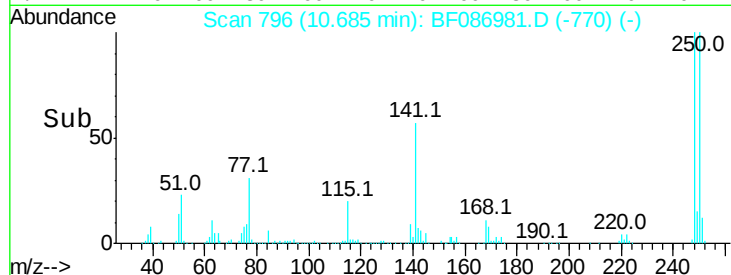
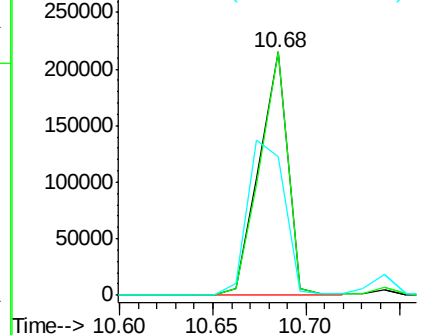
Tot Ion	Ratio	Resp	Lower	Upper
248	100			
250	100.1	78.6	117.8	
141	56.8	76.0	114.0	

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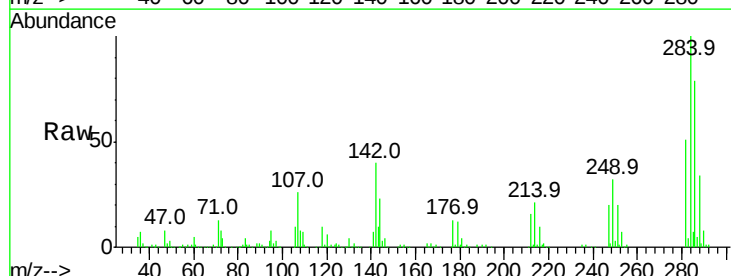


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

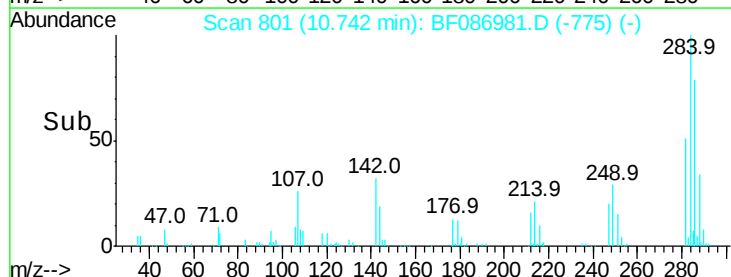
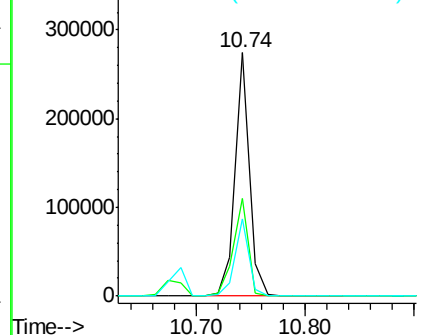


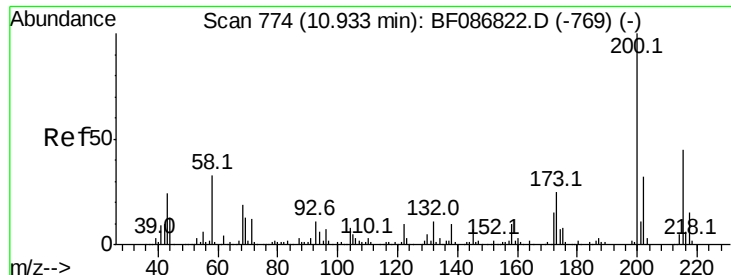
#67
Hexachlorobenzene
Concen: 38.68 ng
RT: 10.74 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF086981.D
Acq: 13 May 2016 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
284	100			
142	40.0	16.7	25.1	
249	31.7	21.3	31.9	



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





#68

Atrazine

Concen: 44.57 ng

RT: 10.86 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Instrument :

BNA_F

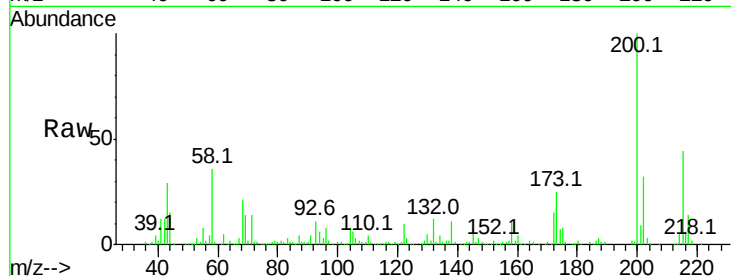
ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	248309		
173	24.8	8.5	48.5	
215	43.8	27.2	67.2	

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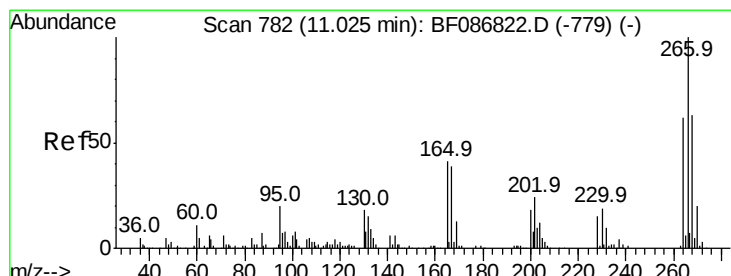
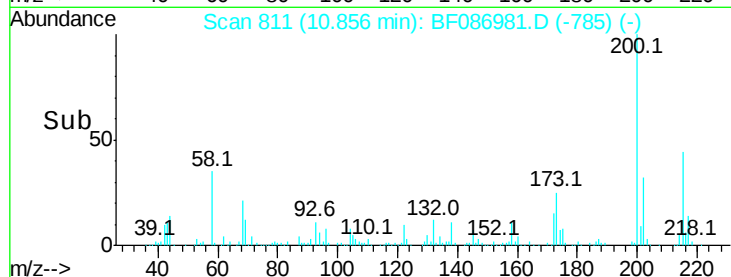
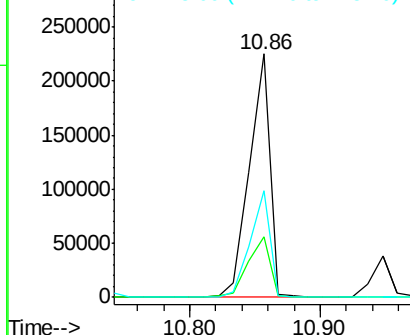
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Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 68.59 ng

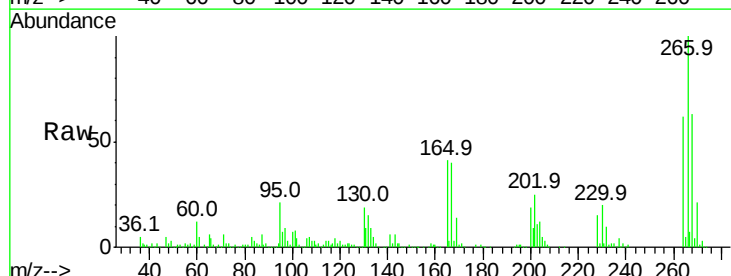
RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

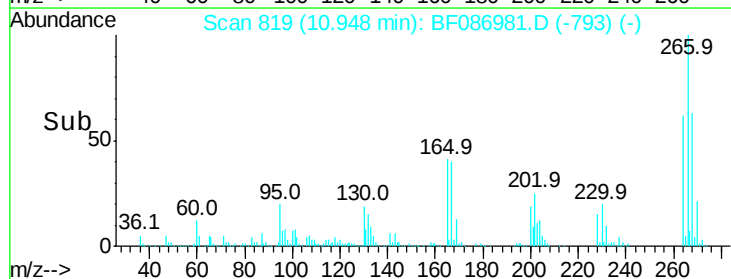
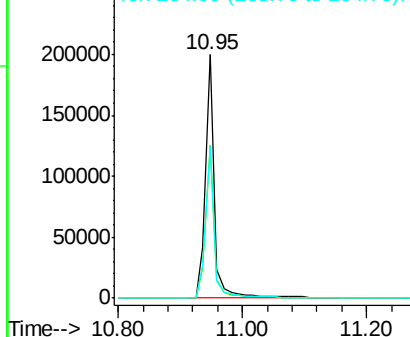
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	203885		
268	62.6	51.5	77.3	
264	62.2	52.9	79.3	

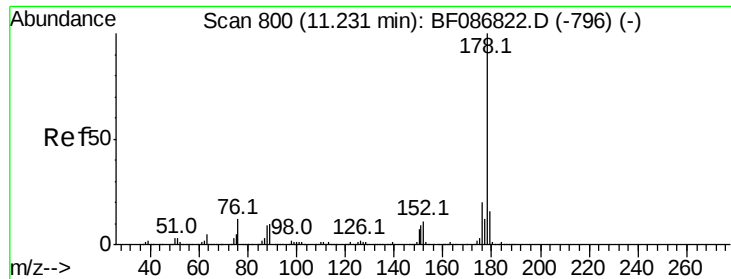


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 39.84 ng

RT: 11.15 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Instrument :

BNA_F

ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion:178 Resp: 1154208

Ion Ratio Lower Upper

178 100

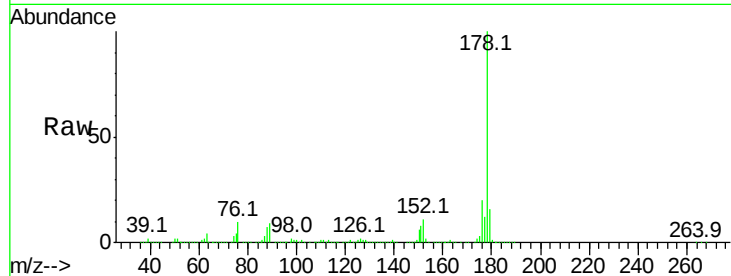
176 20.2 16.0 24.0

179 15.9 12.6 18.8

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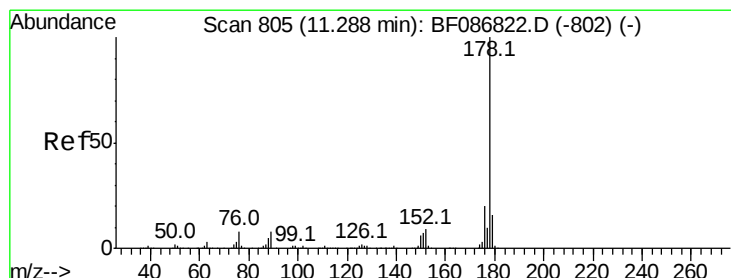
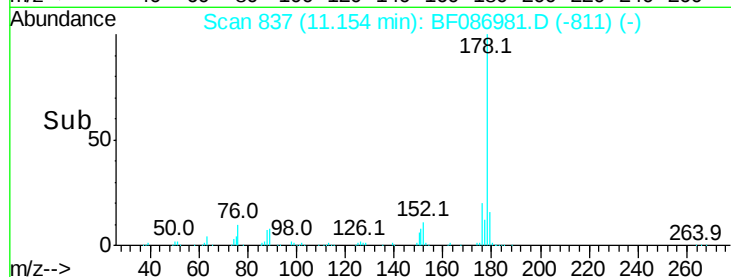
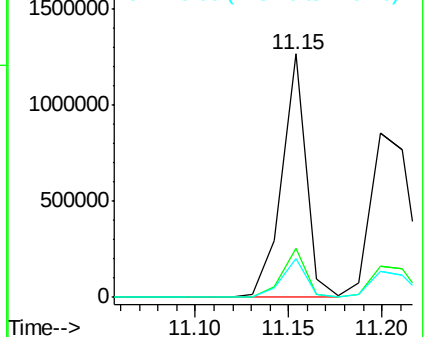
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 40.73 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Tgt Ion:178 Resp: 1206663

Ion Ratio Lower Upper

178 100

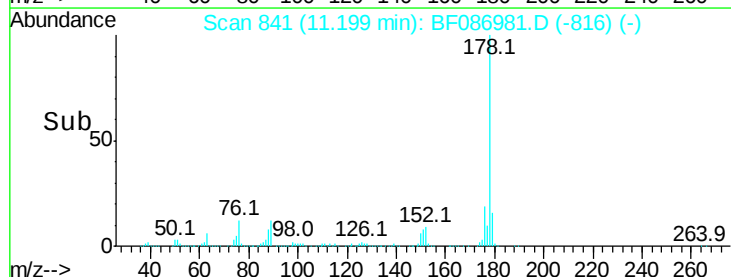
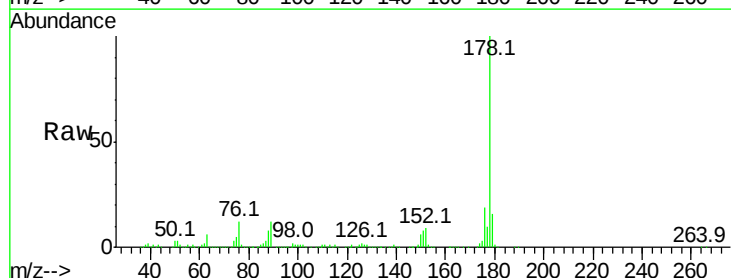
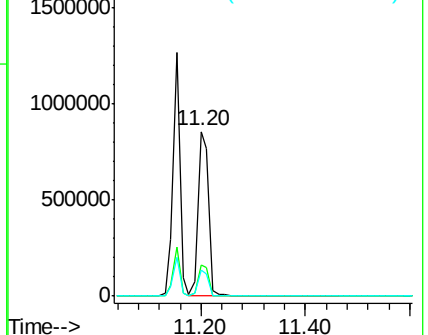
176 19.2 15.6 23.4

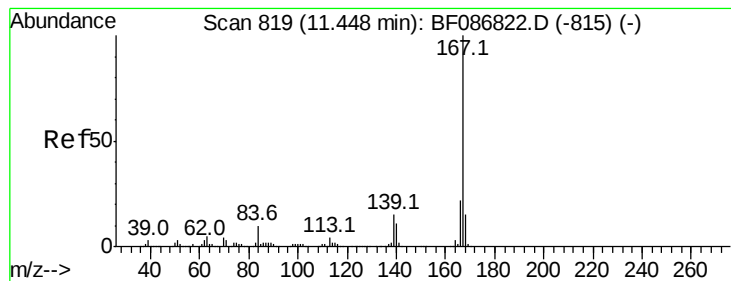
179 15.8 12.7 19.1

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 45.34 ng

RT: 11.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Instrument :

BNA_F

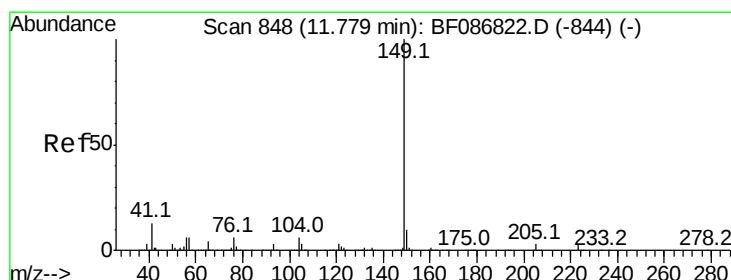
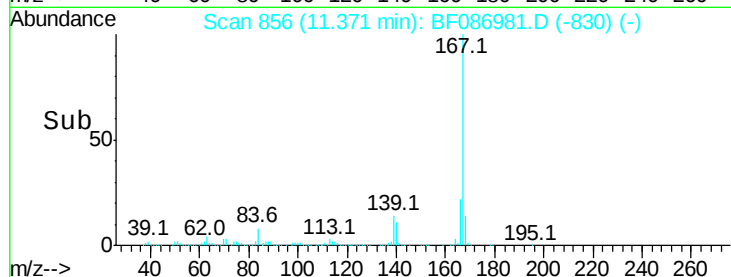
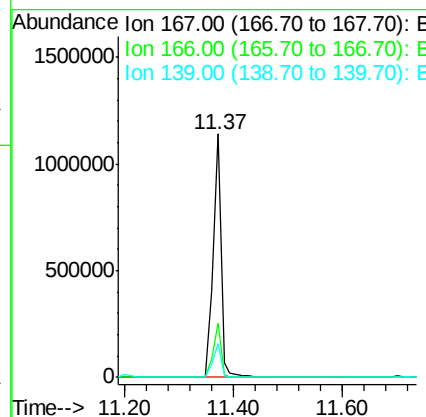
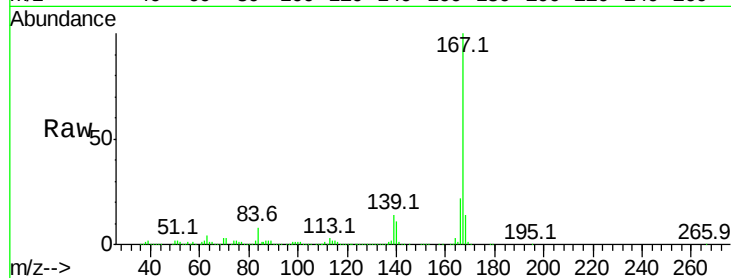
ClientSampleId :

WELDON-WC-SC-019MSD

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Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.7	26.5
139	14.0	10.8	16.2



#73

Di-n-butylphthalate

Concen: 39.67 ng

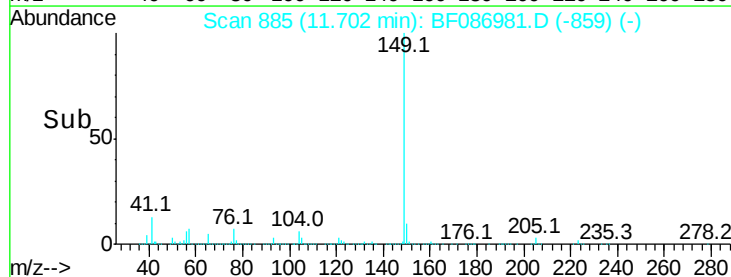
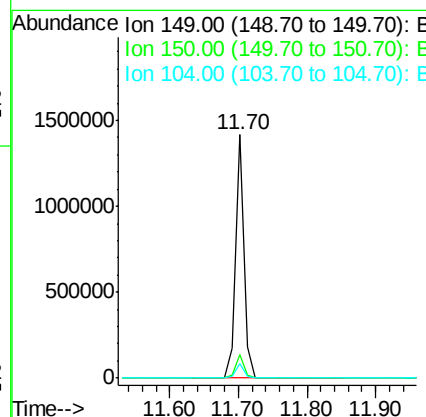
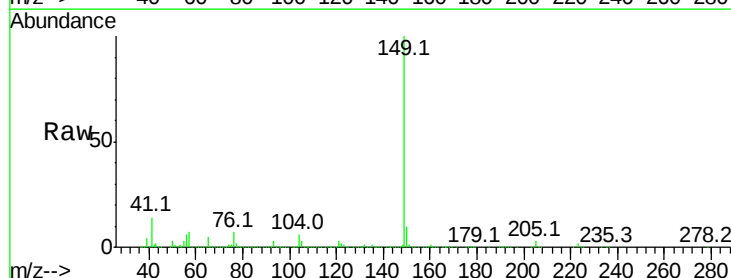
RT: 11.70 min Scan# 885

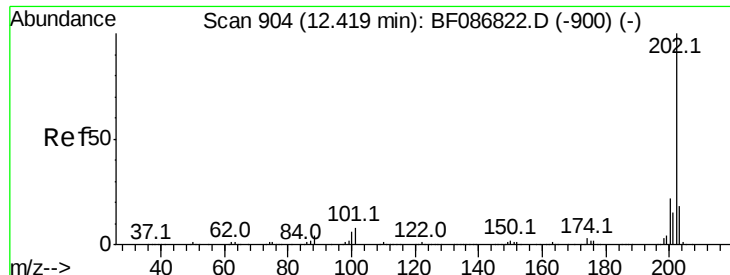
Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	6.1	3.8	5.6





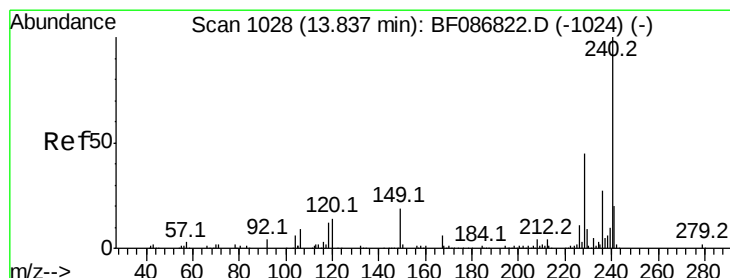
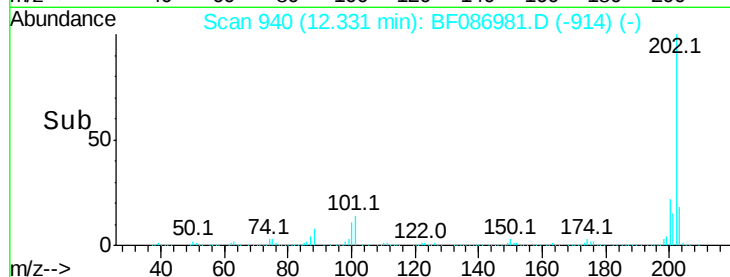
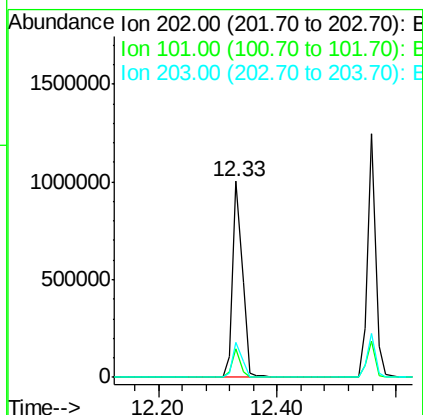
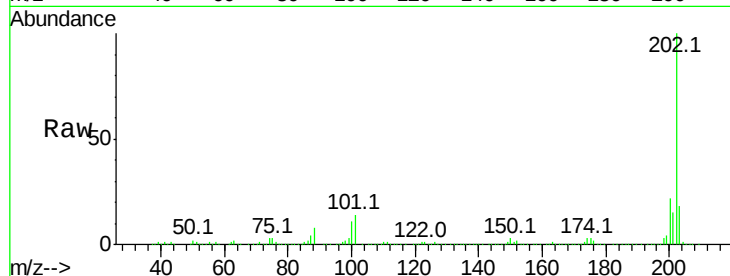
#74
 Fluoranthene
 Concen: 38.04 ng
 RT: 12.33 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF086981.D
 Acq: 13 May 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 WELDON-WC-SC-019MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1133389		
101	14.5		0.0	35.4
203	18.1		0.0	38.1

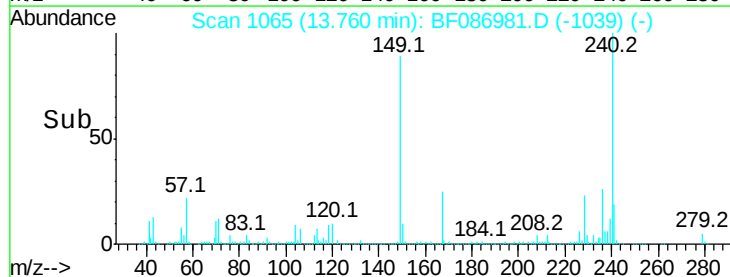
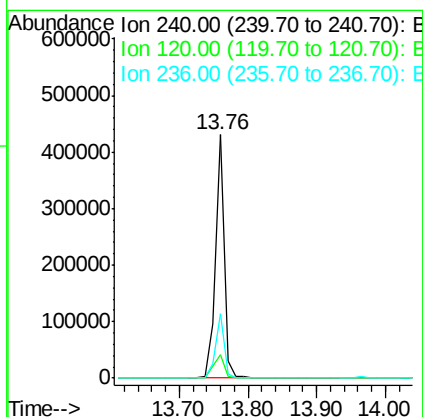
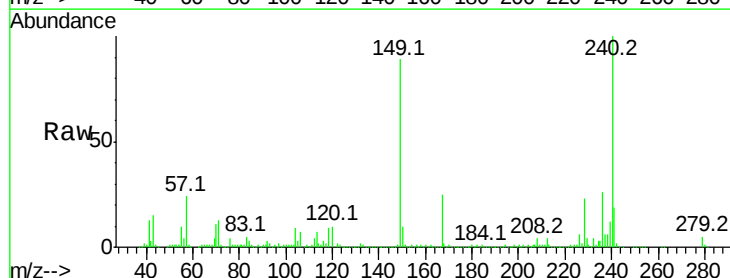
Manual Integrations
 APPROVED

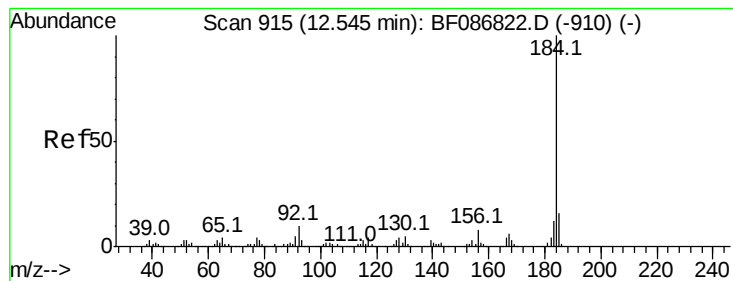
sohil
 5/14/2016 10:00:33 AM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BF086981.D
 Acq: 13 May 2016 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	391006		
120	9.8		11.2	16.8#
236	26.3		21.2	31.8





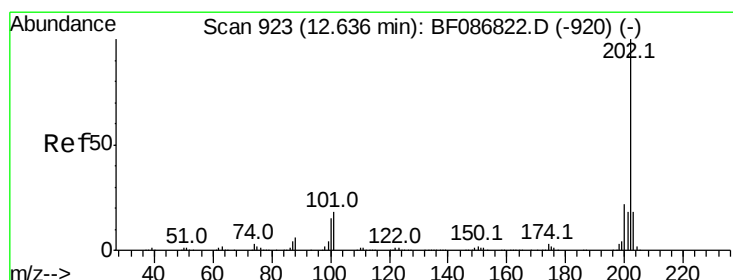
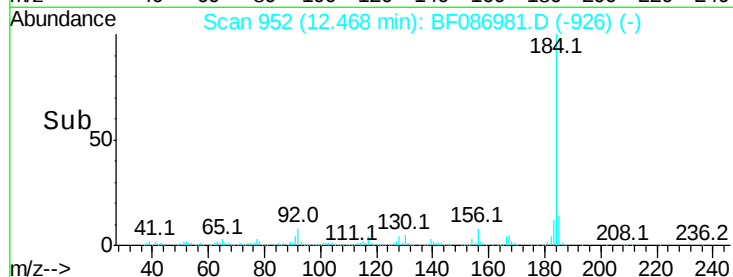
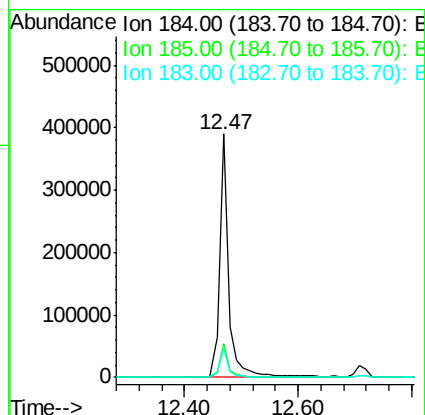
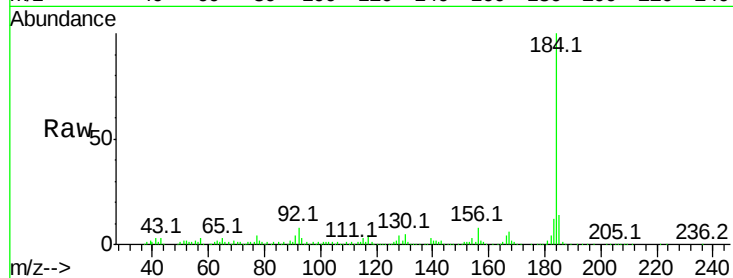
#76
Benzidine
Concen: 43.38 ng
RT: 12.47 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF086981.D
Acq: 13 May 2016 20:24

Instrument :
BNA_F
ClientSampleId :
WELDON-WC-SC-019MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.0	13.6	20.4	
183	11.8	9.8	14.6	

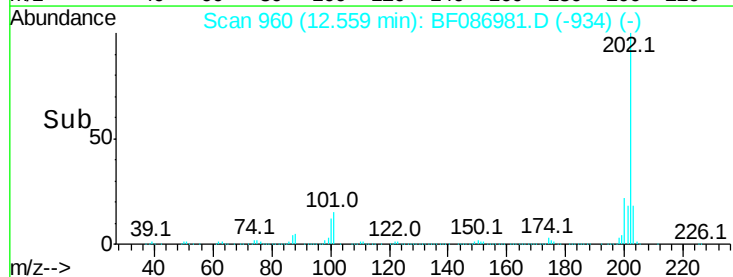
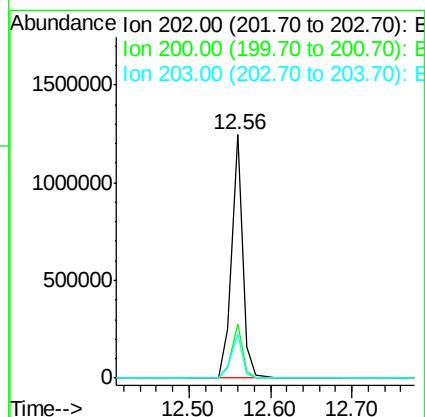
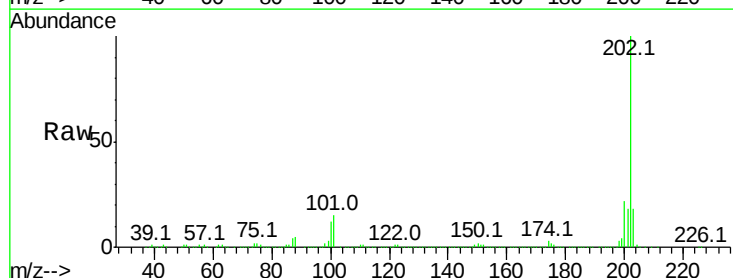
Manual Integrations
APPROVED

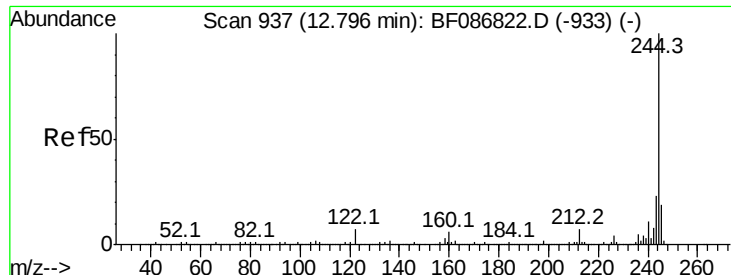
sohil
5/14/2016 10:00:33 AM



#77
Pyrene
Concen: 38.69 ng
RT: 12.56 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF086981.D
Acq: 13 May 2016 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.4	17.7	26.5	
203	18.2	14.2	21.4	





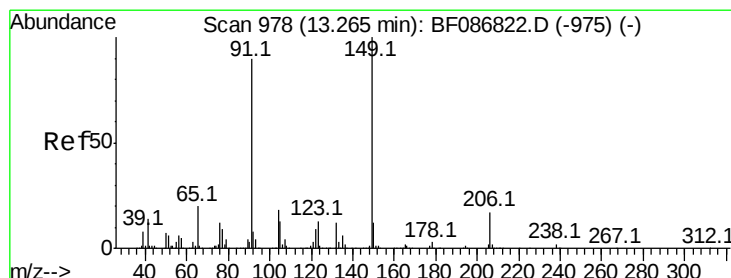
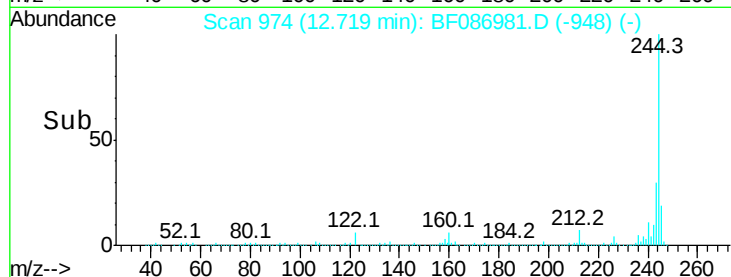
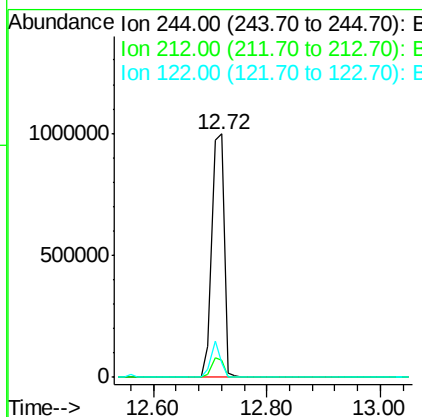
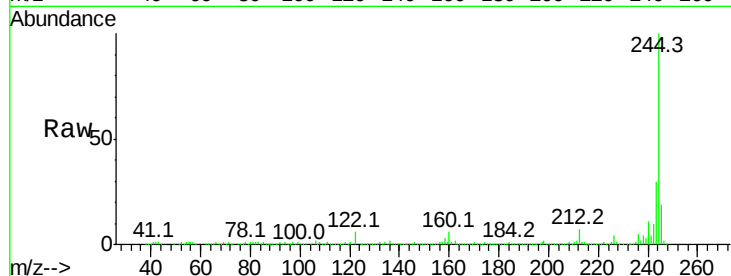
#78
 Terphenyl-d14
 Concen: 79.79 ng
 RT: 12.72 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF086981.D
 Acq: 13 May 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 WELDON-WC-SC-019MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.2	9.2
122	5.9	12.0	18.0#

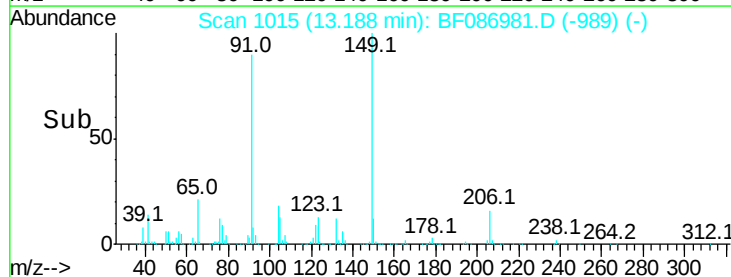
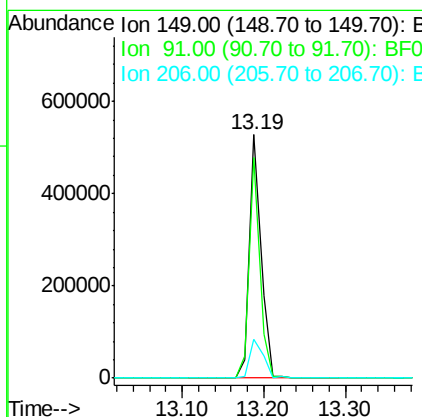
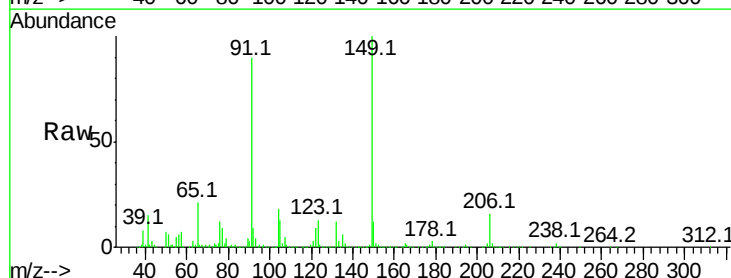
Manual Integrations
 APPROVED

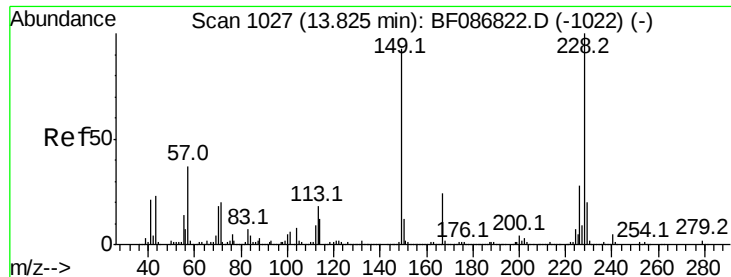
sohil
 5/14/2016 10:00:33 AM



#79
 Butylbenzylphthalate
 Concen: 40.90 ng
 RT: 13.19 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BF086981.D
 Acq: 13 May 2016 20:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	90.4	48.0	72.0#
206	15.7	15.8	23.6#





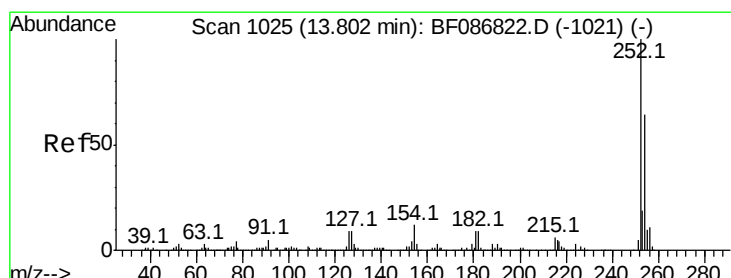
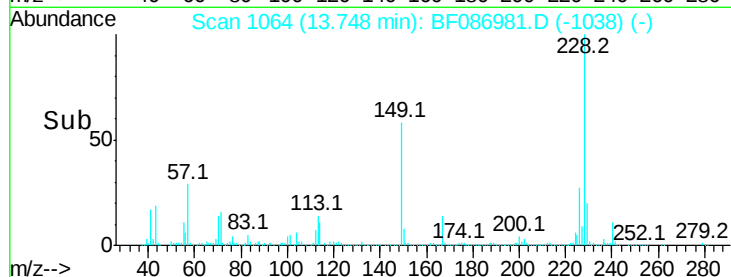
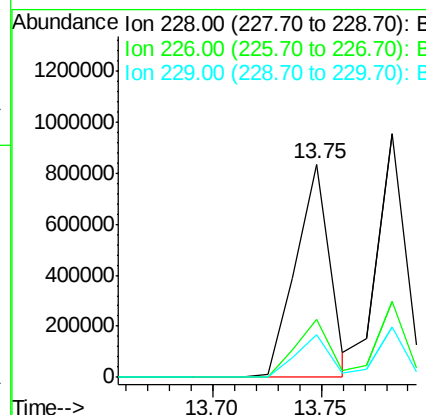
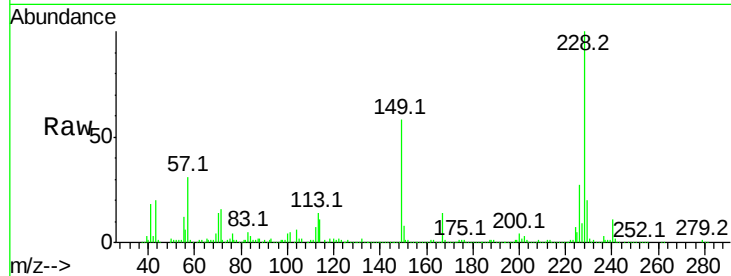
#80
Benzo(a)anthracene
Concen: 41.58 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF086981.D
Acq: 13 May 2016 20:24

Instrument :
BNA_F
ClientSampleId :
WELDON-WC-SC-019MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.5	33.7
229	20.0	16.6	25.0

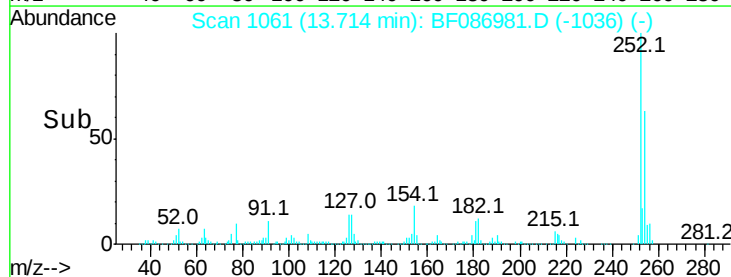
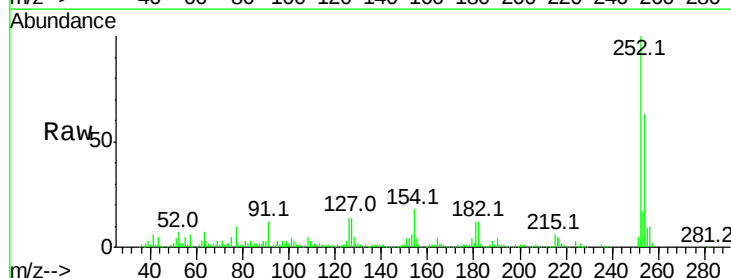
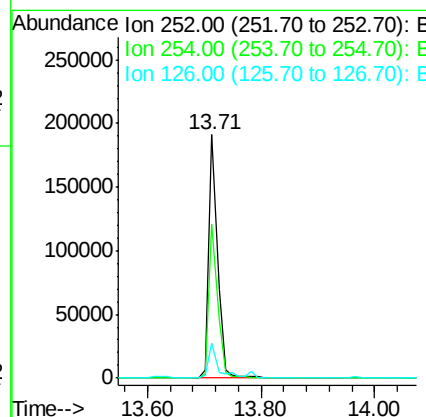
Manual Integrations
APPROVED

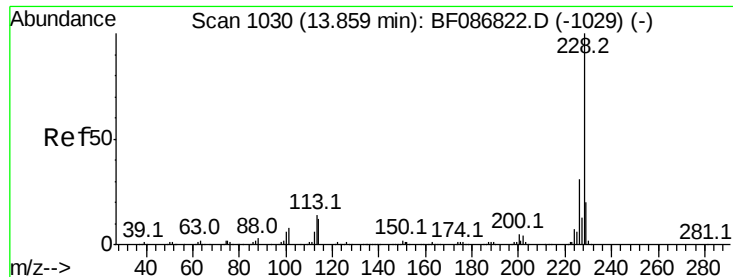
sohil
5/14/2016 10:00:33 AM



#81
3,3'-Dichlorobenzidine
Concen: 14.06 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF086981.D
Acq: 13 May 2016 20:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	50.7	76.1
126	14.3	12.7	19.1





#82

Chrysene

Concen: 39.16 ng

RT: 13.78 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Instrument :

BNA_F

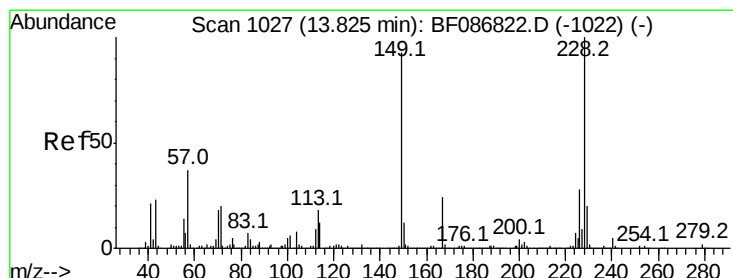
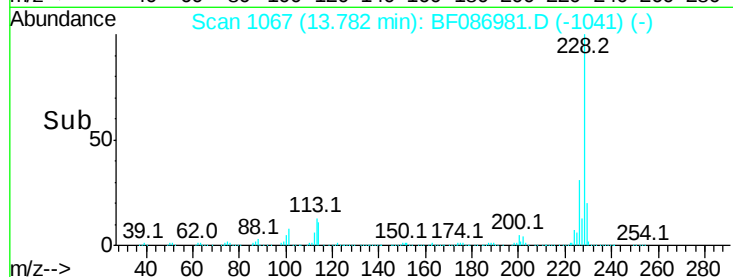
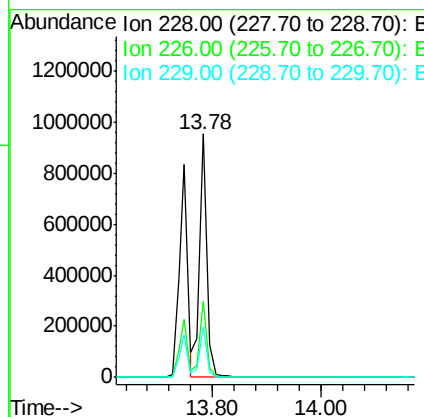
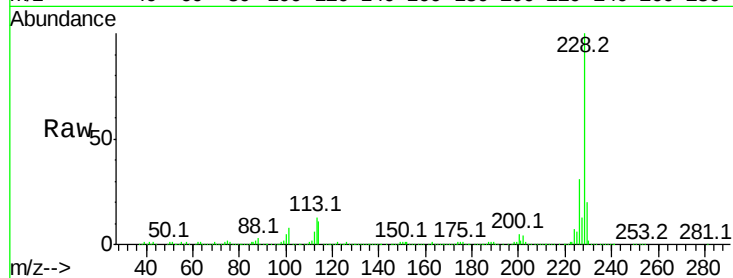
ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion:	228	Resp:	874466
Ion Ratio	Lower	Upper	
228	100		
226	31.4	24.4	36.6
229	20.5	15.8	23.8

Manual Integrations
APPROVED

sohil
5/14/2016 10:00:33 AM



#83

Bis(2-ethylhexyl)phthalate

Concen: 40.43 ng

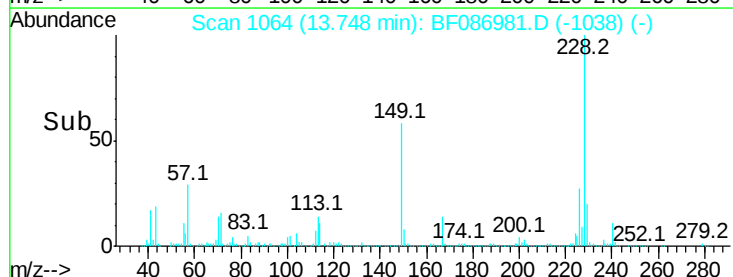
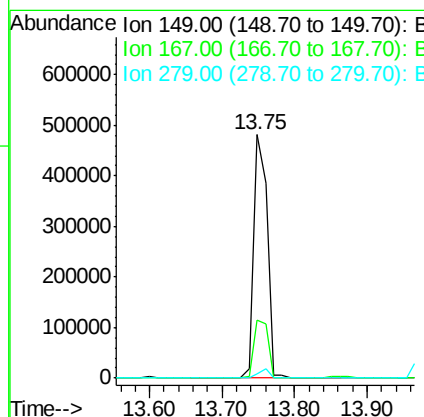
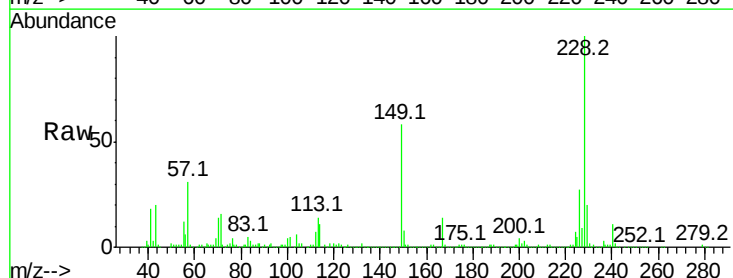
RT: 13.75 min Scan# 1064

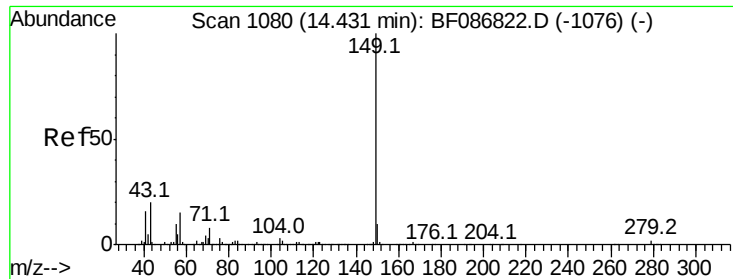
Delta R.T. 0.00 min

Lab File: BF086981.D

Acq: 13 May 2016 20:24

Tgt Ion:	149	Resp:	615782
Ion Ratio	Lower	Upper	
149	100		
167	24.0	21.8	32.6
279	1.9	2.6	4.0#





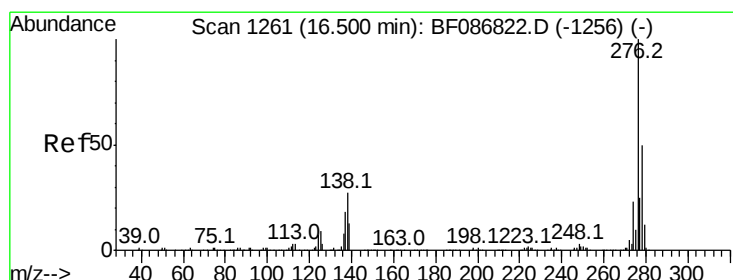
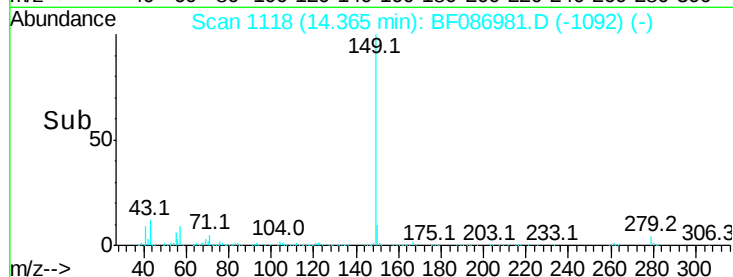
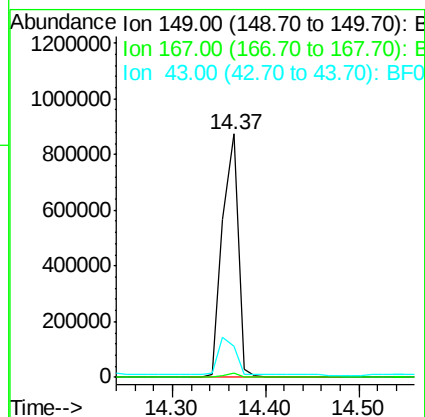
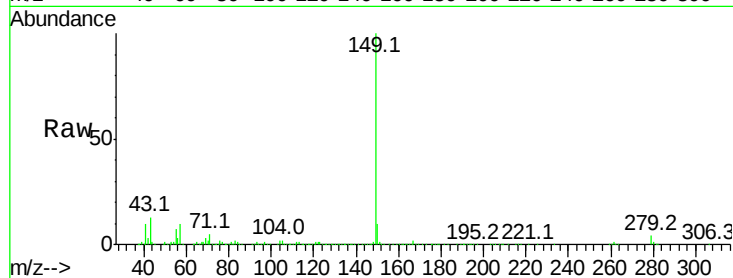
#84
Di-n-octyl phthalate
Concen: 40.49 ng
RT: 14.37 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF086981.D
Acq: 13 May 2016 20:24

Instrument :
BNA_F
ClientSampleId :
WELDON-WC-SC-019MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	16.9	8.2	12.4

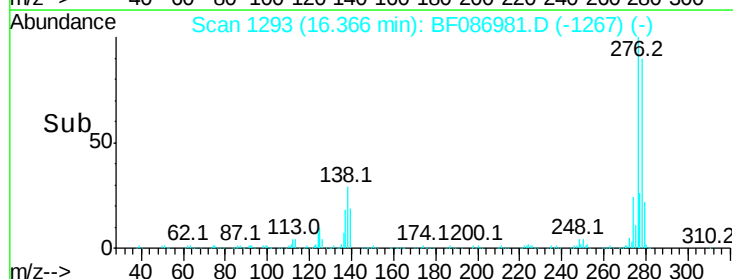
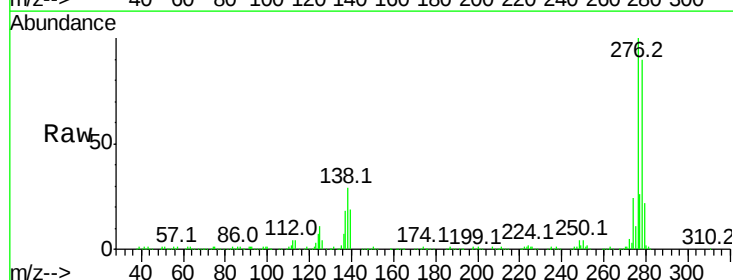
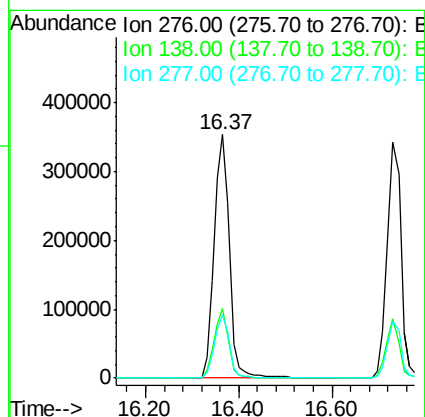
Manual Integrations
APPROVED

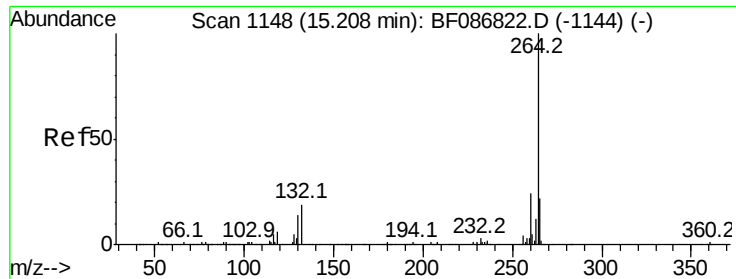
sohil
5/14/2016 10:00:33 AM



#85
Indeno(1,2,3-cd)pyrene
Concen: 43.56 ng
RT: 16.37 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF086981.D
Acq: 13 May 2016 20:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.6	38.4
277	25.3	20.5	30.7





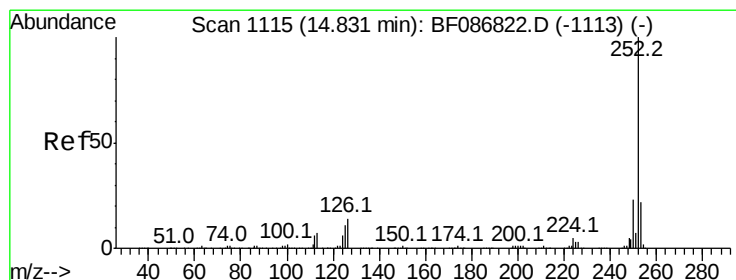
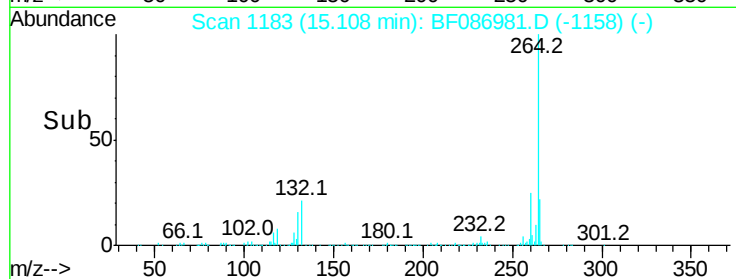
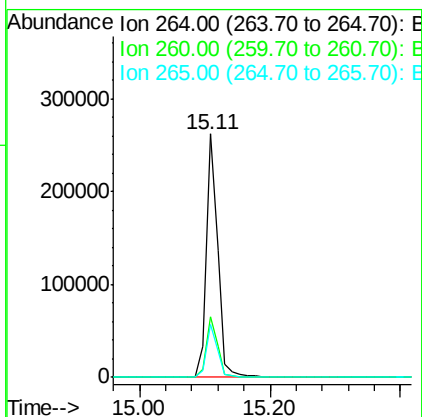
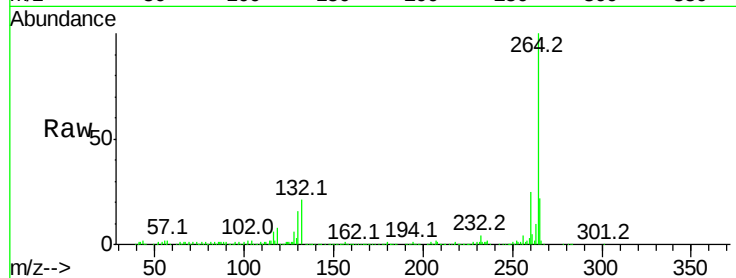
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF086981.D
Acq: 13 May 2016 20:24

Instrument :
BNA_F
ClientSampleId :
WELDON-WC-SC-019MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.7	17.3	25.9

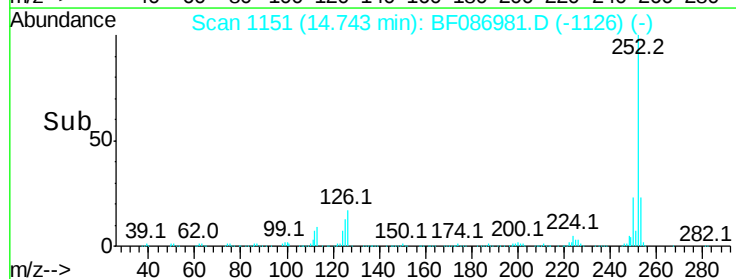
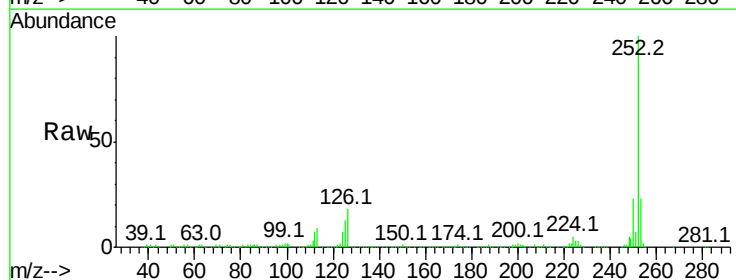
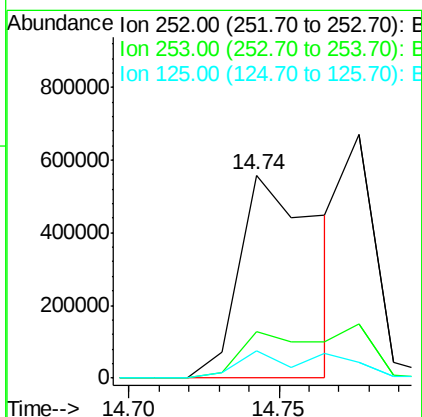
Manual Integrations
APPROVED

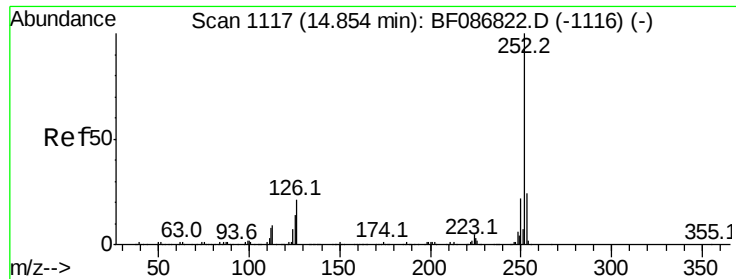
sohil
5/14/2016 10:00:33 AM



#87
Benzo(b)fluoranthene
Concen: 50.33 ng m
RT: 14.74 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF086981.D
Acq: 13 May 2016 20:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	13.3	11.4	17.0





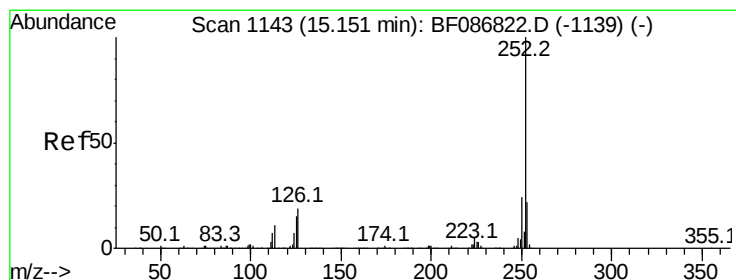
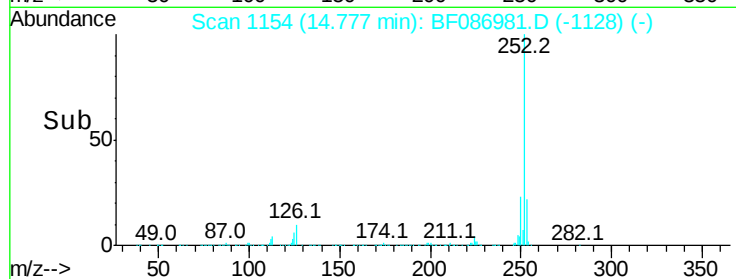
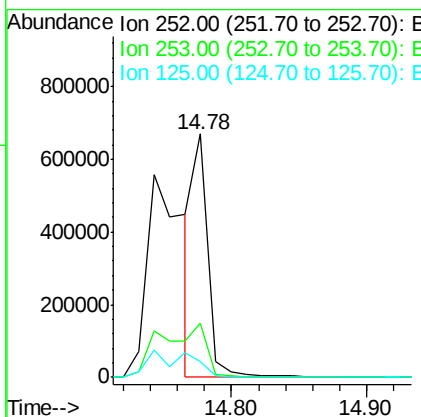
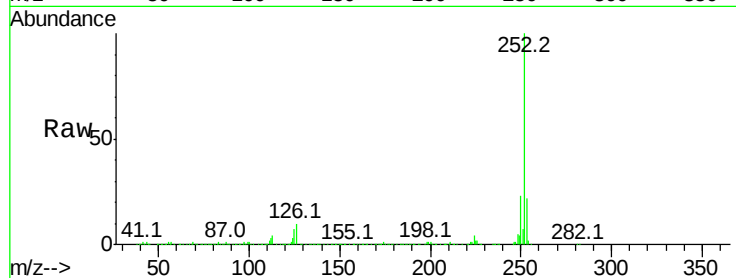
#88
Benzo(k)fluoranthene
Concen: 30.54 ng m
RT: 14.78 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF086981.D
Acq: 13 May 2016 20:24

Instrument :
BNA_F
ClientSampleId :
WELDON-WC-SC-019MSD

Tot Ion:	252	Resp:	518434
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	6.7	9.1	13.7#

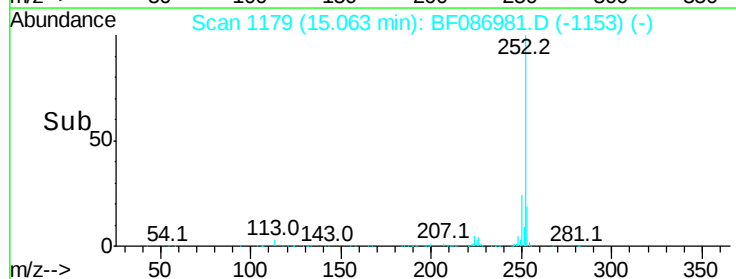
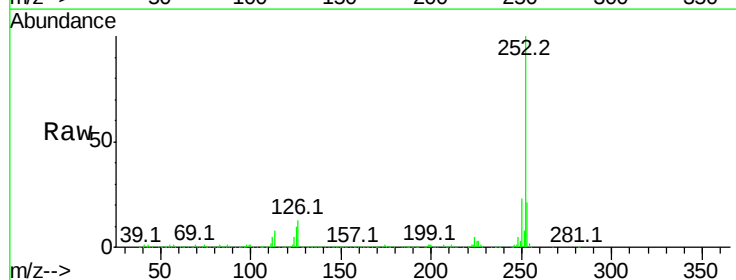
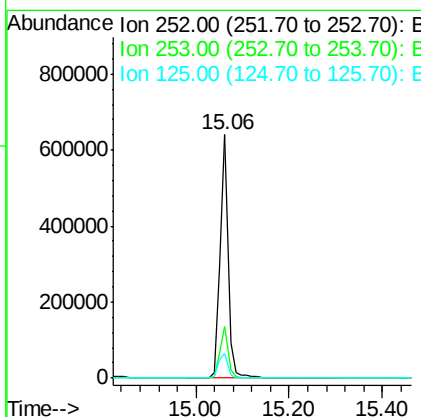
Manual Integrations
APPROVED

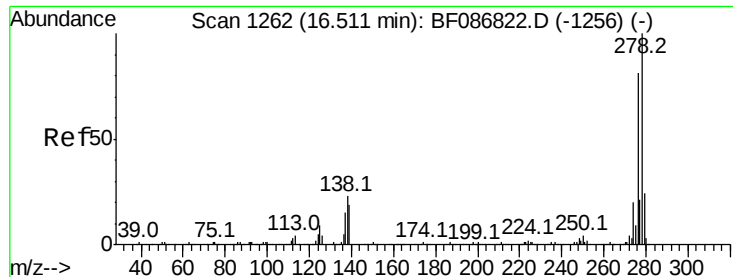
sohil
5/14/2016 10:00:33 AM



#89
Benzo(a)pyrene
Concen: 41.27 ng
RT: 15.06 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF086981.D
Acq: 13 May 2016 20:24

Tgt Ion:	252	Resp:	738067
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.2	25.8
125	10.0	9.0	13.6





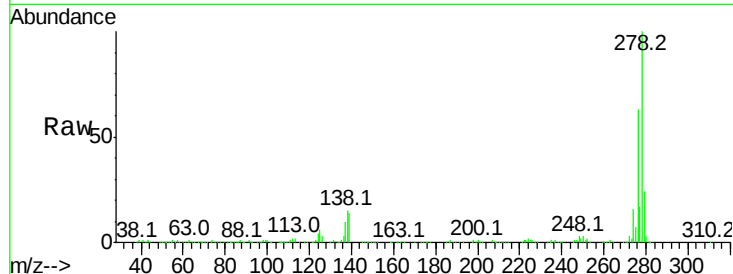
#90
Dibenzo(a,h)anthracene
Concen: 44.83 ng
RT: 16.38 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF086981.D
Acq: 13 May 2016 20:24

Instrument :
BNA_F
ClientSampleId :
WELDON-WC-SC-019MSD

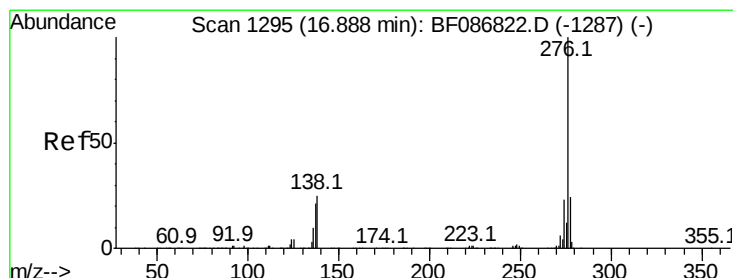
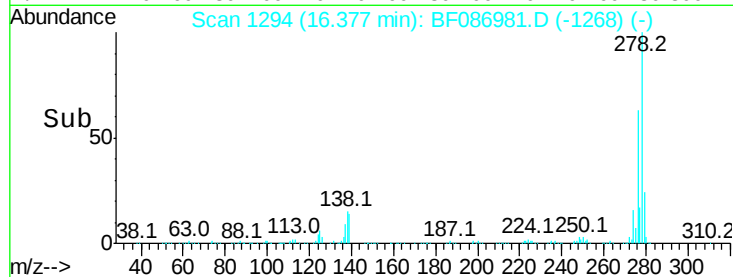
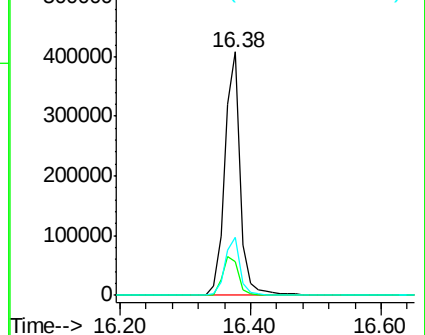
Tot Ion	Ratio	Lower	Upper
278	100		
139	13.8	16.6	24.8#
279	23.7	19.6	29.4

Manual Integrations
APPROVED

sohil
5/14/2016 10:00:33 AM

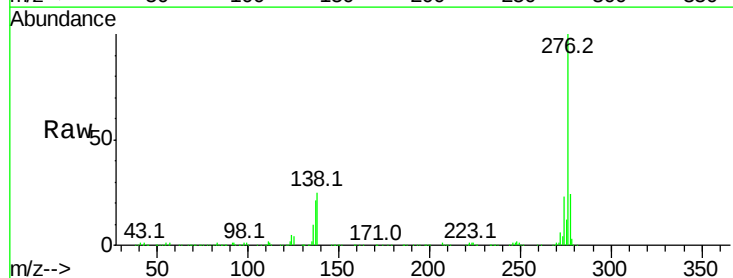


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 46.24 ng
RT: 16.73 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF086981.D
Acq: 13 May 2016 20:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.6	29.4
138	25.3	23.6	35.4



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

