

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086937.D
 Acq On : 12 May 2016 18:24
 Operator : UM/SJ
 Sample : H2968-05MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP40-4FTMSD

Manual Integrations
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 5/13/2016 8:03:52 PM

Quant Time: May 13 01:23:25 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 00:58:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	158802	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	661752	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	319806	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	587890	20.00	ng	0.00
75) Chrysene-d12	13.76	240	332684	20.00	ng	-0.01
86) Perylene-d12	15.12	264	319811	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1115388	118.95	ng	0.01
7) Phenol-d6	6.30	99	1448649	115.59	ng	0.00
23) Nitrobenzene-d5	7.20	82	1041078	79.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	452064	133.52	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	1553402	81.63	ng	0.00
78) Terphenyl-d14	12.72	244	1240747	79.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.14	88	160105	34.78	ng	# 68
3) Pyridine	2.78	79	491926	43.71	ng	# 63
4) n-Nitrosodimethylamine	2.74	42	347122	42.53	ng	# 48
6) Aniline	6.30	93	452781	29.87	ng	# 60
8) 2-Chlorophenol	6.42	128	449519	39.73	ng	95
9) Benzaldehyde	6.17	77	44668	6.16	ng	99
10) Phenol	6.31	94	575424	38.63	ng	72
11) bis(2-Chloroethyl)ether	6.38	93	518393	44.63	ng	96
12) 1,3-Dichlorobenzene	6.56	146	460762m	37.63	ng	
13) 1,4-Dichlorobenzene	6.64	146	482226m	38.62	ng	
14) 1,2-Dichlorobenzene	6.80	146	419517	38.55	ng	95
15) Benzyl Alcohol	6.79	79	422363	48.81	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.91	45	941948	37.30	ng	# 49
17) 2-Methylphenol	6.91	107	389872	43.30	ng	# 81
18) Hexachloroethane	7.13	117	185131	39.40	ng	98
19) n-Nitroso-di-n-propylamine	7.06	70	394429	45.03	ng	# 81
20) 3+4-Methylphenols	7.07	107	525316	44.67	ng	# 59
22) Acetophenone	7.05	105	699885	44.78	ng	97
24) Nitrobenzene	7.22	77	601752	44.39	ng	94
25) Isophorone	7.46	82	1008135	41.23	ng	99
26) 2-Nitrophenol	7.53	139	244386	41.01	ng	# 63
27) 2,4-Dimethylphenol	7.60	122	410980	40.49	ng	95
28) bis(2-Chloroethoxy)methane	7.68	93	614645	46.60	ng	99
29) 2,4-Dichlorophenol	7.78	162	384587	43.04	ng	92
30) 1,2,4-Trichlorobenzene	7.85	180	411971	41.24	ng	96
31) Naphthalene	7.93	128	1279977	38.62	ng	99
33) 4-Chloroaniline	8.00	127	319340	24.80	ng	# 95
34) Hexachlorobutadiene	8.06	225	277338	47.85	ng	98
35) Caprolactam	8.38	113	120528m	39.65	ng	
36) 4-Chloro-3-methylphenol	8.50	107	438409	40.46	ng	93
37) 2-Methylnaphthalene	8.63	142	924911	47.73	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	406552	43.72	ng	99
40) Hexachlorocyclopentadiene	8.78	237	320583	72.64	ng	94
42) 2,4,6-Trichlorophenol	8.91	196	247192	39.76	ng	92

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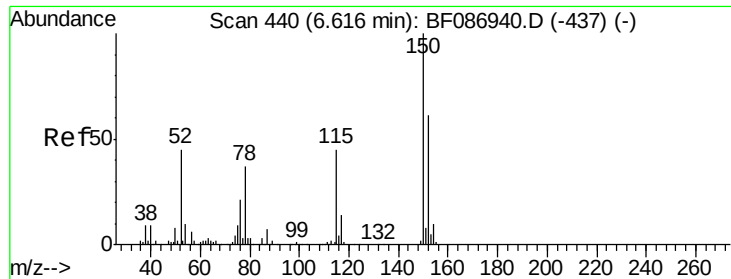
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.96	196	241193	37.51	ng	# 78
45) 1,1'-Biphenyl	9.10	154	1043527	41.02	ng	99
46) 2-Chloronaphthalene	9.11	162	779546	39.12	ng	93
47) 2-Nitroaniline	9.22	65	329675	45.26	ng	# 82
48) Acenaphthylene	9.52	152	1164756	39.73	ng	98
49) Dimethylphthalate	9.40	163	1061602	43.51	ng	100
50) 2,6-Dinitrotoluene	9.46	165	191168	37.23	ng	# 71
51) Acenaphthene	9.69	154	714777	39.20	ng	98
52) 3-Nitroaniline	9.63	138	165319	30.58	ng	83
53) 2,4-Dinitrophenol	9.75	184	82557	36.13	ng	# 86
54) Dibenzofuran	9.86	168	1056506	45.14	ng	92
55) 4-Nitrophenol	9.83	139	260607	72.74	ng	# 61
56) 2,4-Dinitrotoluene	9.87	165	255705	40.24	ng	# 75
57) Fluorene	10.20	166	749402	37.54	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	211053	43.60	ng	98
59) Diethylphthalate	10.10	149	964092	40.55	ng	97
60) 4-Chlorophenyl-phenylether	10.20	204	383757	43.92	ng	91
61) 4-Nitroaniline	10.25	138	201065	38.73	ng	# 68
62) Azobenzene	10.36	77	1159247	45.19	ng	88
64) 4,6-Dinitro-2-methylphenol	10.27	198	126812	34.72	ng	# 38
65) n-Nitrosodiphenylamine	10.33	169	789425	43.71	ng	100
66) 4-Bromophenyl-phenylether	10.69	248	229712	38.54	ng	# 85
67) Hexachlorobenzene	10.75	284	318026	45.65	ng	# 90
68) Atrazine	10.87	200	249370	41.33	ng	94
69) Pentachlorophenol	10.96	266	268703	83.47	ng	95
70) Phenanthrene	11.17	178	1287361	41.03	ng	99
71) Anthracene	11.21	178	1164339	36.29	ng	99
72) Carbazole	11.38	167	1147484	41.60	ng	99
73) Di-n-butylphthalate	11.71	149	1376034	40.85	ng	99
74) Fluoranthene	12.34	202	1207394	37.42	ng	96
76) Benzidine	12.48	184	347988	41.03	ng	96
77) Pyrene	12.57	202	1248778	49.03	ng	99
79) Butylbenzylphthalate	13.20	149	517999	48.08	ng	# 78
80) Benzo(a)anthracene	13.75	228	825369	44.19	ng	98
81) 3,3'-Dichlorobenzidine	13.73	252	207005	17.45	ng	# 97
82) Chrysene	13.79	228	855115	45.01	ng	98
83) Bis(2-ethylhexyl)phthalate	13.76	149	615983	47.53	ng	# 95
84) Di-n-octyl phthalate	14.37	149	925611	43.12	ng	# 85
85) Indeno(1,2,3-cd)pyrene	16.38	276	801321	50.70	ng	95
87) Benzo(b)fluoranthene	14.75	252	722967m	34.78	ng	
88) Benzo(k)fluoranthene	14.78	252	661272m	38.86	ng	
89) Benzo(a)pyrene	15.07	252	696839	38.87	ng	# 97
90) Dibenzo(a,h)anthracene	16.39	278	666332	44.10	ng	# 95
91) Benzo(g,h,i)perylene	16.74	276	686786	44.74	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF086937.D

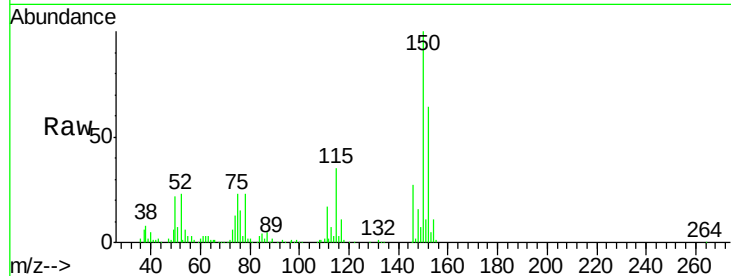
Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP40-4FTMSD



Tgt Ion: 152 Resp: 158802

Ion Ratio Lower Upper

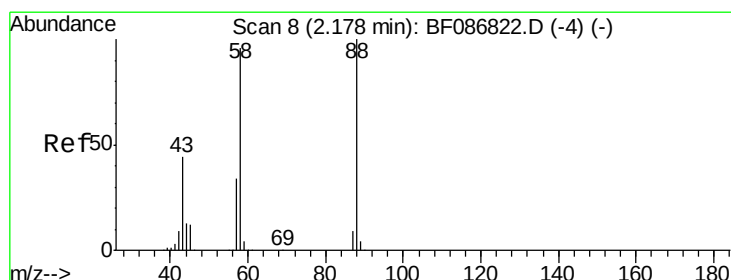
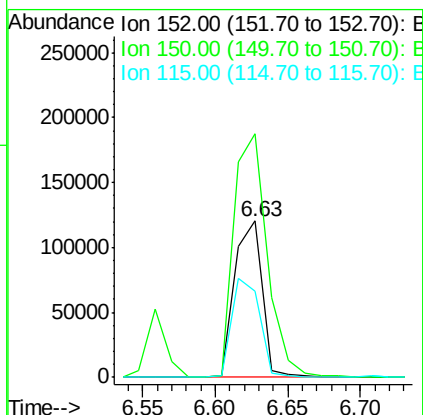
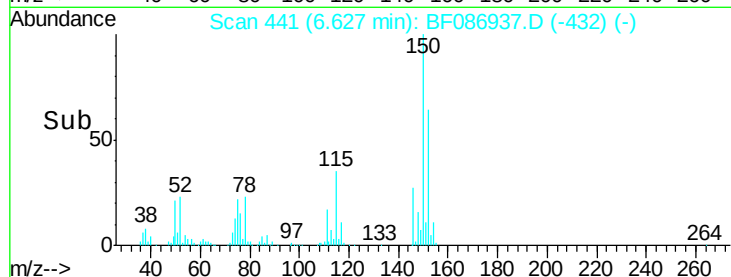
152 100

150 155.6 125.8 188.6

115 54.7 51.5 77.3

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#2

1,4-Dioxane

Concen: 34.78 ng

RT: 2.14 min Scan# 48

Delta R.T. 0.07 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

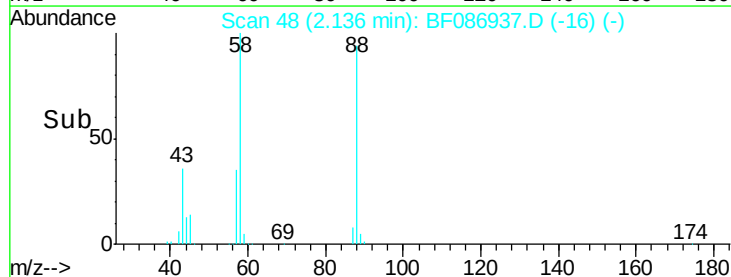
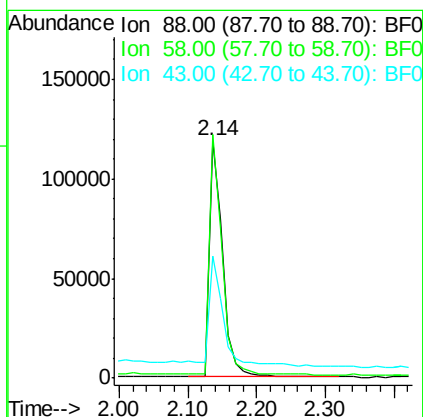
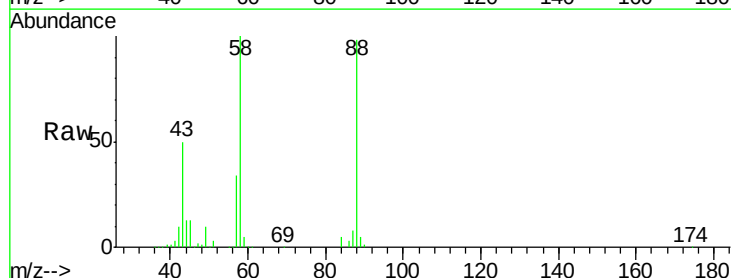
Tgt Ion: 88 Resp: 160105

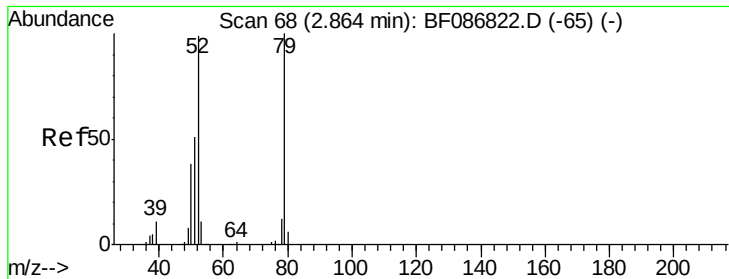
Ion Ratio Lower Upper

88 100

58 97.6 59.6 89.4#

43 50.4 21.8 32.6#





#3

Pyridine

Concen: 43.71 ng

RT: 2.78 min Scan# 104

Delta R.T. 0.07 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

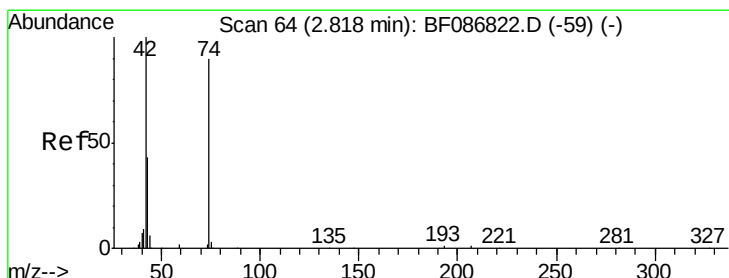
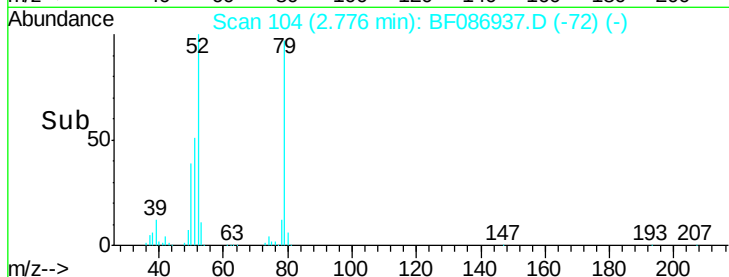
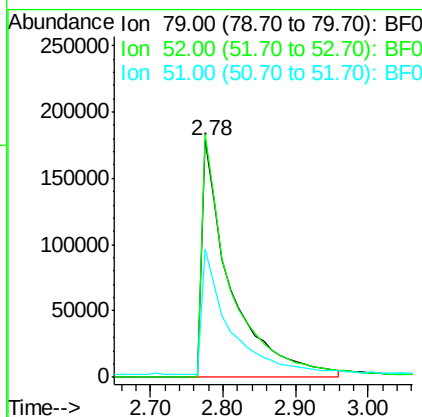
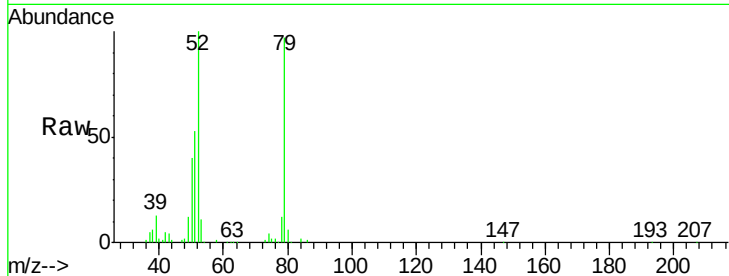
ClientSampleId :

TP40-4FTMSD

Tgt Ion:	79	Resp:	491926
Ion Ratio	Lower	Upper	
79	100		
52	102.7	55.9	83.9#
51	54.0	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 42.53 ng

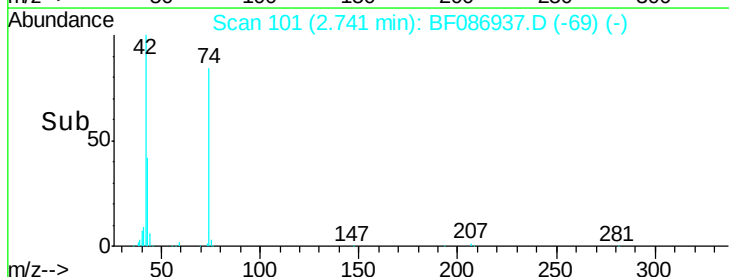
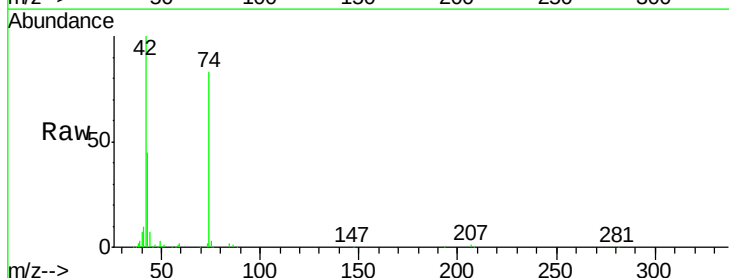
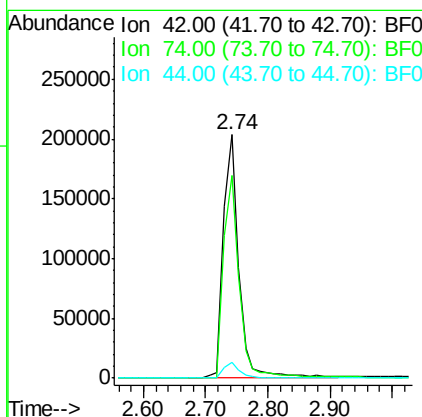
RT: 2.74 min Scan# 101

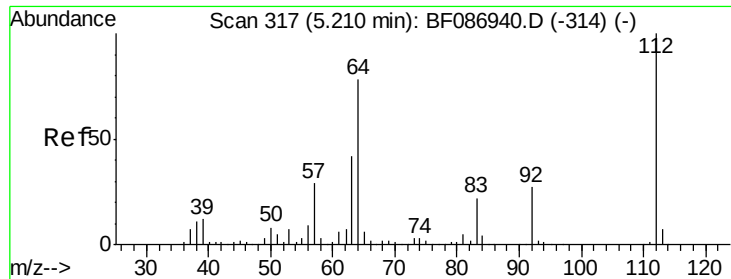
Delta R.T. 0.07 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Tgt Ion:	42	Resp:	347122
Ion Ratio	Lower	Upper	
42	100		
74	83.4	123.4	185.0#
44	6.6	5.8	8.6





#5

2-Fluorophenol

Concen: 118.95 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP40-4FTMSD

Tgt Ion: 112 Resp: 1115388

Ion Ratio Lower Upper

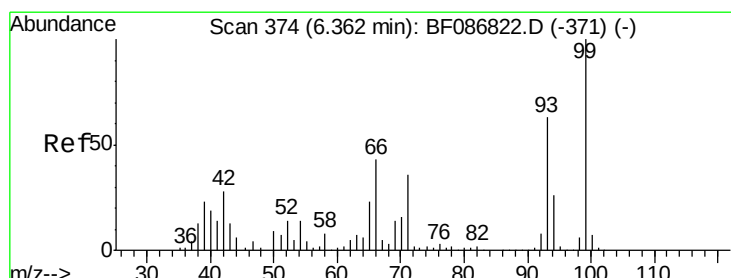
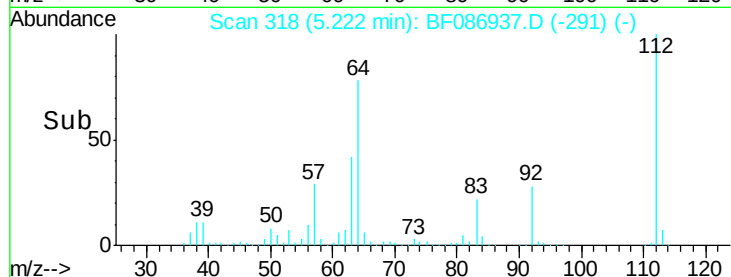
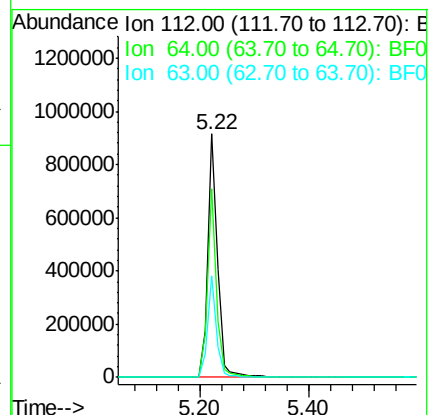
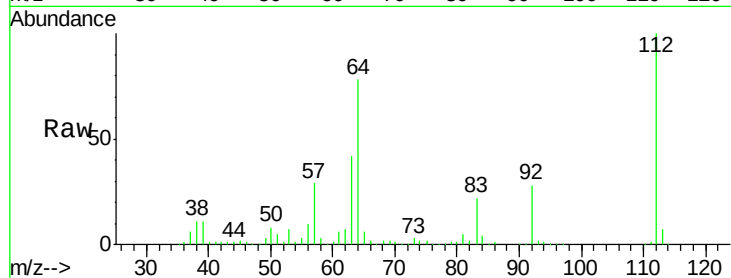
112 100

64 77.6 52.1 78.1

63 41.9 25.7 38.5#

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#6

Aniline

Concen: 29.87 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

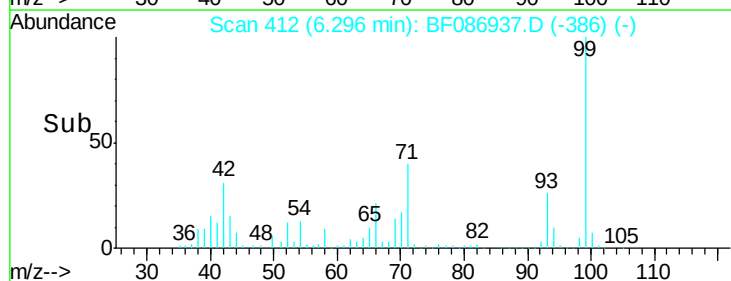
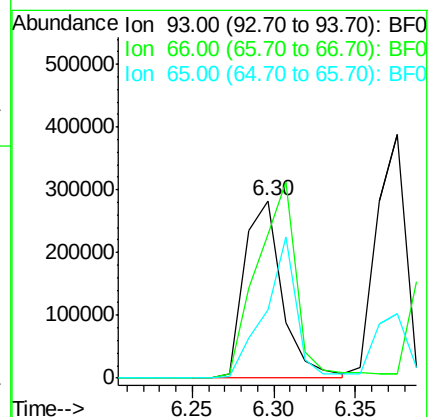
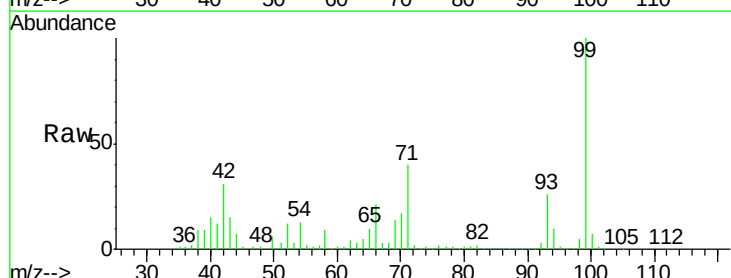
Tgt Ion: 93 Resp: 452781

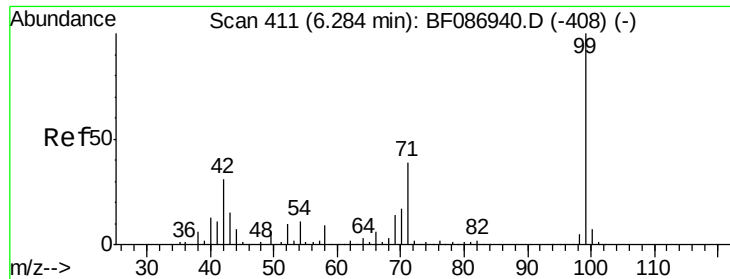
Ion Ratio Lower Upper

93 100

66 80.8 39.0 58.6#

65 38.8 20.6 31.0#





#7

Phenol-d6

Concen: 115.59 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP40-4FTMSD

Tgt Ion: 99 Resp: 1448649

Ion Ratio Lower Upper

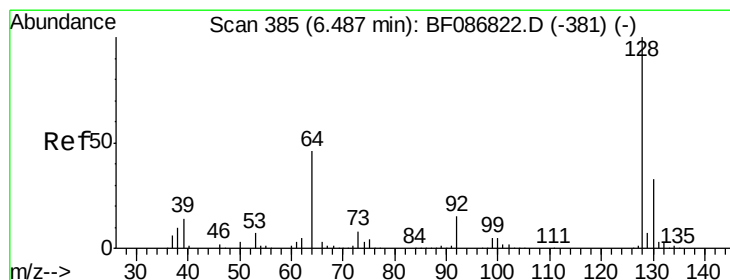
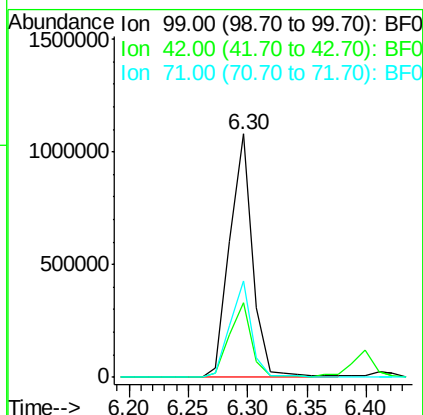
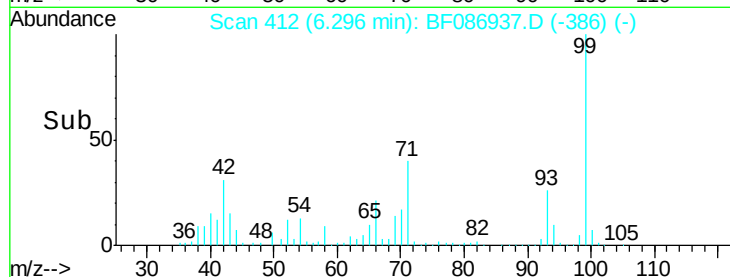
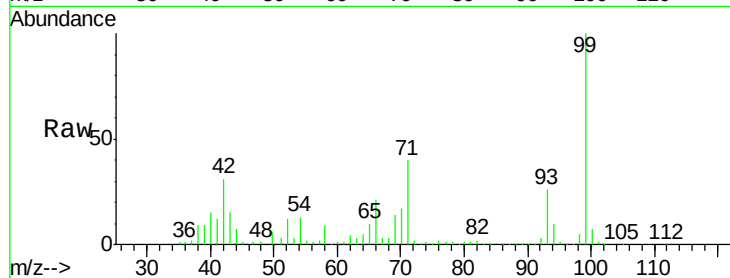
99 100

42 30.9 13.6 20.4#

71 39.9 24.6 36.8#

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#8

2-Chlorophenol

Concen: 39.73 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

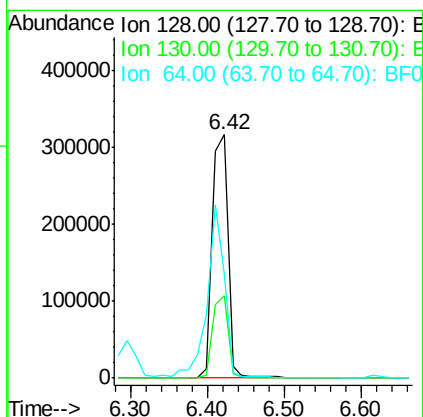
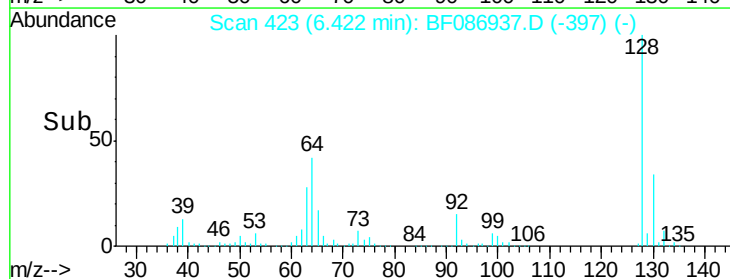
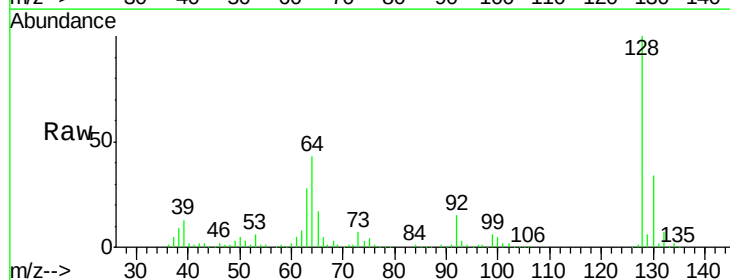
Tgt Ion: 128 Resp: 449519

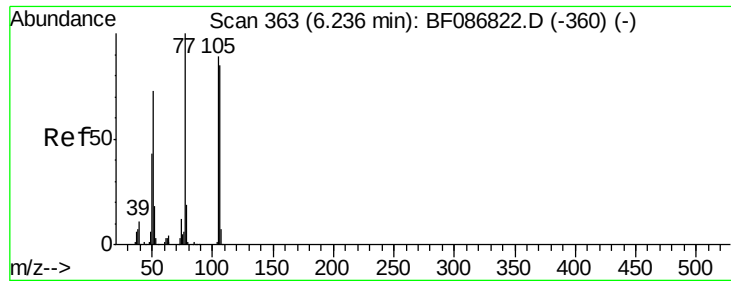
Ion Ratio Lower Upper

128 100

130 33.6 12.5 52.5

64 42.6 27.3 67.3





#9

Benzaldehyde

Concen: 6.16 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF086937.D

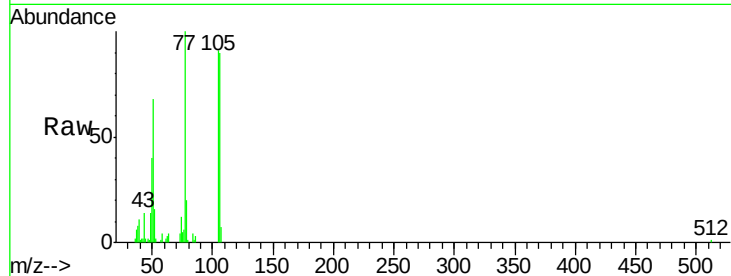
Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

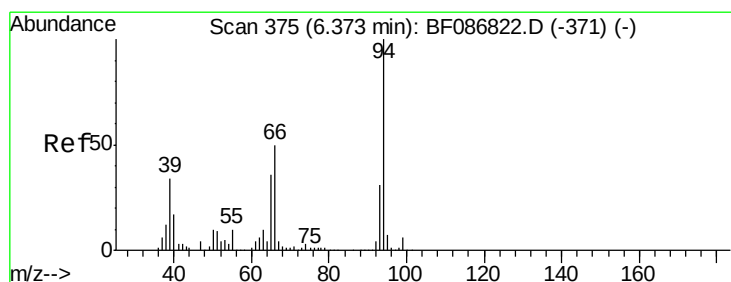
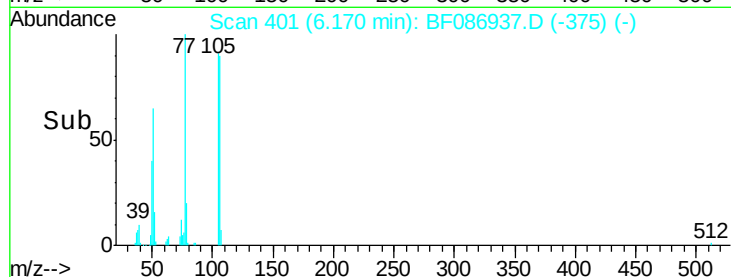
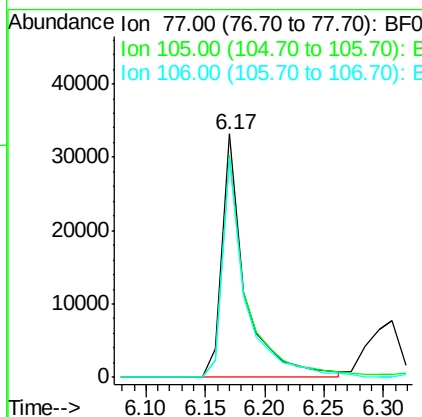
TP40-4FTMSD



Tgt Ion:	77	Resp:	44668
Ion	Ratio	Lower	Upper
77	100		
105	90.9	72.7	112.7
106	89.9	70.8	110.8

Manual Integrations
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#10

Phenol

Concen: 38.63 ng

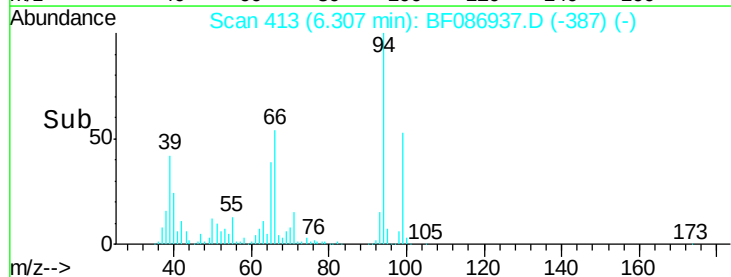
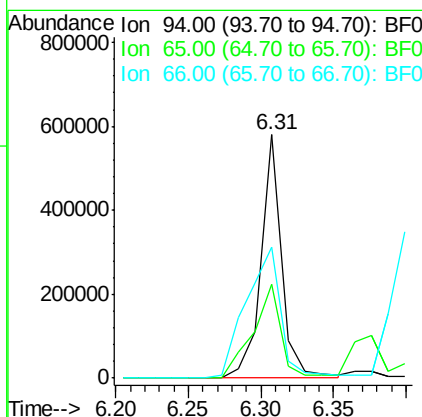
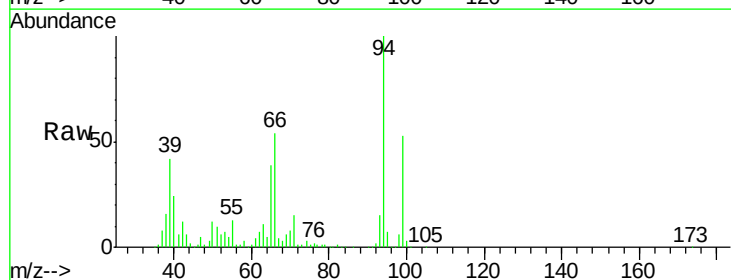
RT: 6.31 min Scan# 413

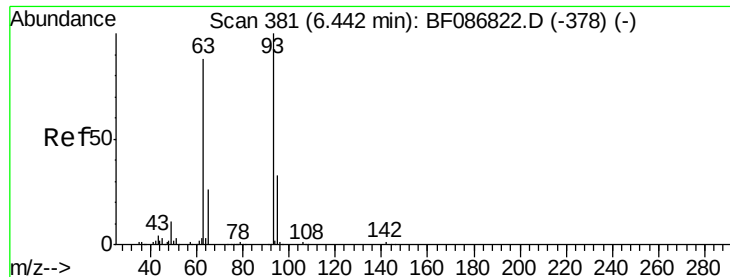
Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Tgt Ion:	94	Resp:	575424
Ion	Ratio	Lower	Upper
94	100		
65	38.7	7.2	47.2
66	53.7	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 44.63 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

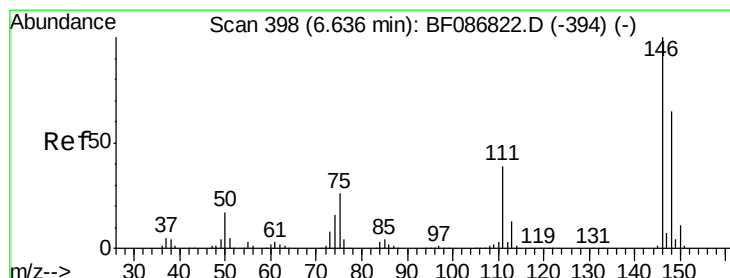
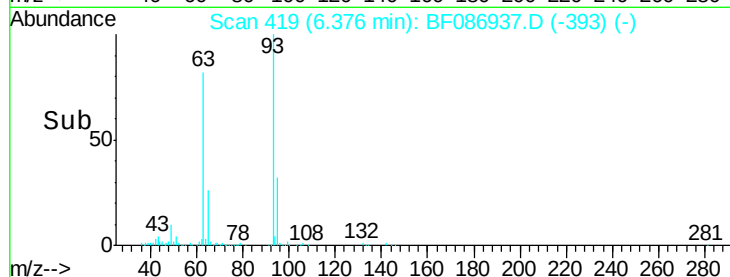
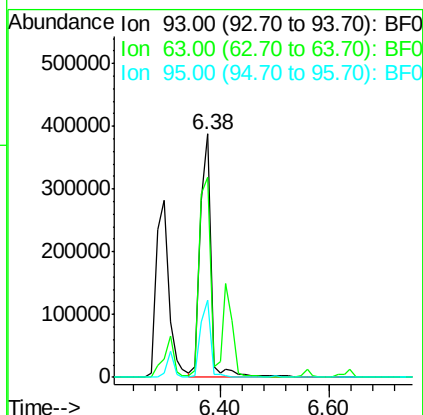
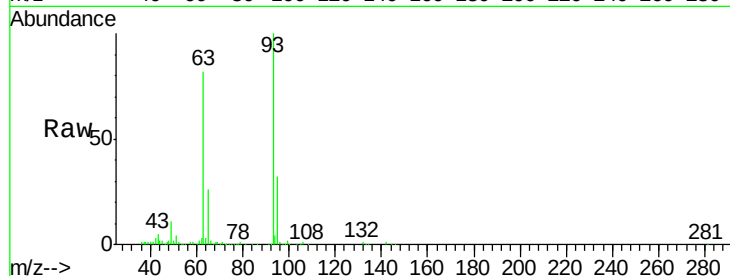
ClientSampleId :

TP40-4FTMSD

Tgt Ion:	93	Resp:	518393
Ion	Ratio	Lower	Upper
93	100		
63	82.3	58.0	98.0
95	31.9	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 37.63 ng m

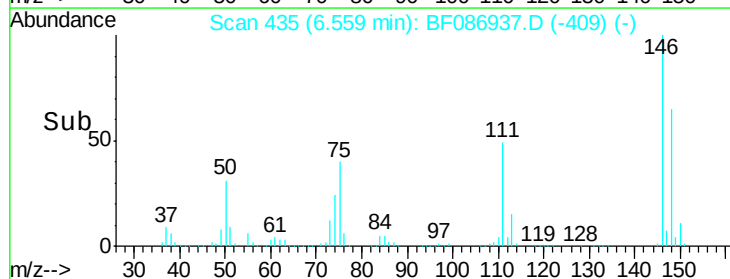
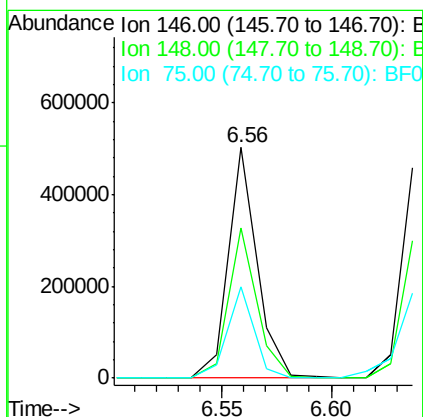
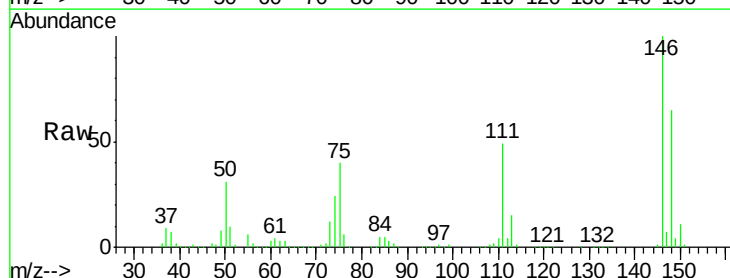
RT: 6.56 min Scan# 435

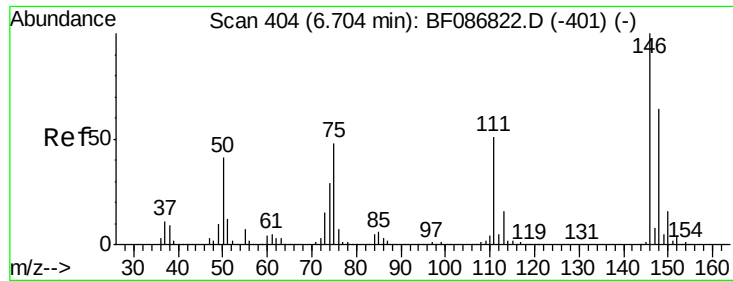
Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Tgt Ion:	146	Resp:	460762
Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.4	78.6
75	39.7	22.8	34.2#





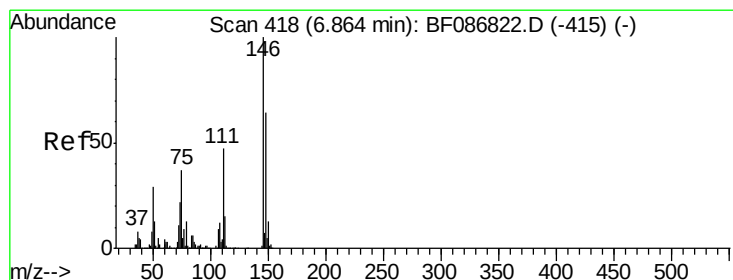
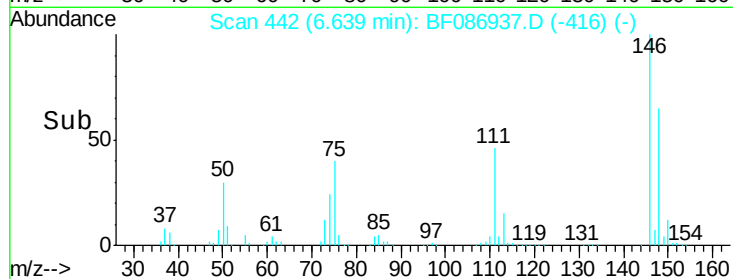
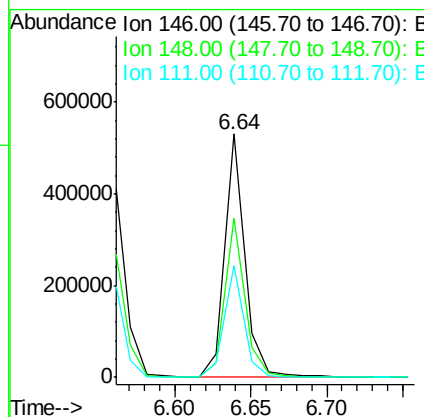
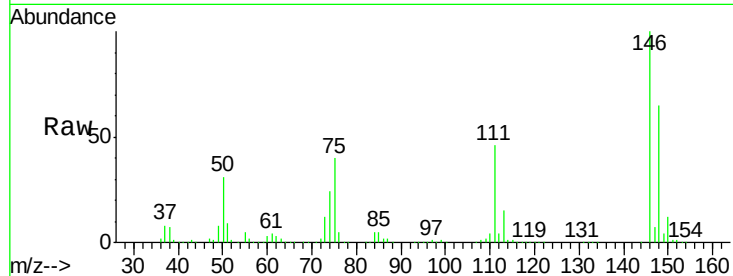
#13
 1,4-Dichlorobenzene
 Concen: 38.62 ng m
 RT: 6.64 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 TP40-4FTMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.4
111	46.2	30.7	46.1

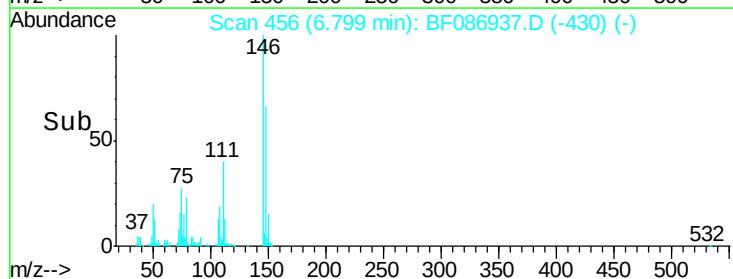
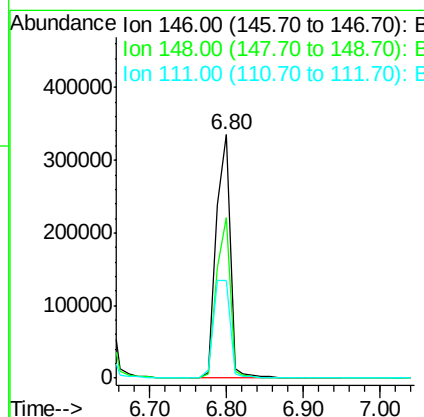
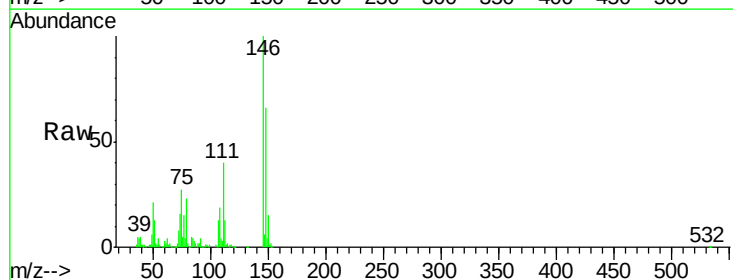
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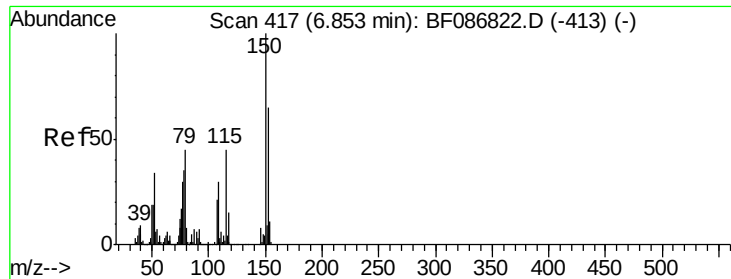
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#14
 1,2-Dichlorobenzene
 Concen: 38.55 ng
 RT: 6.80 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.0	76.6
111	40.1	36.2	54.4





#15

Benzyl Alcohol

Concen: 48.81 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF086937.D

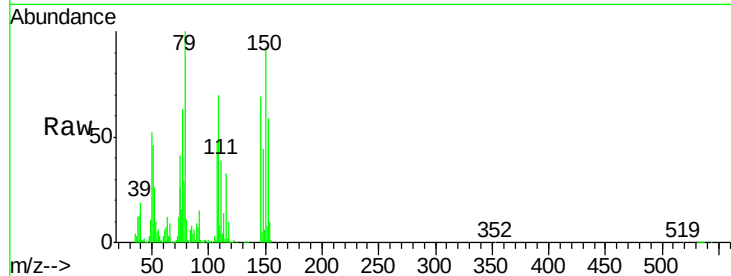
Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

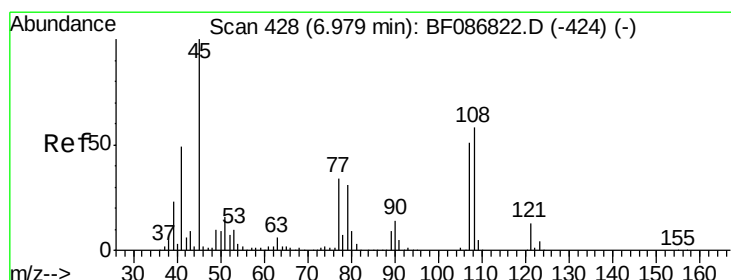
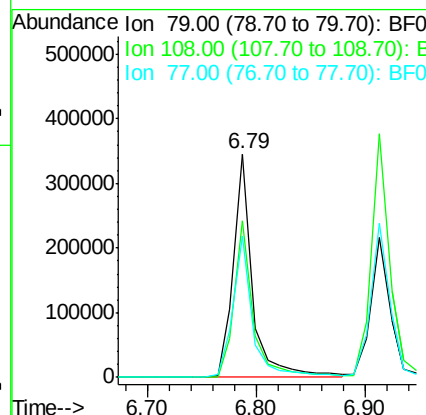
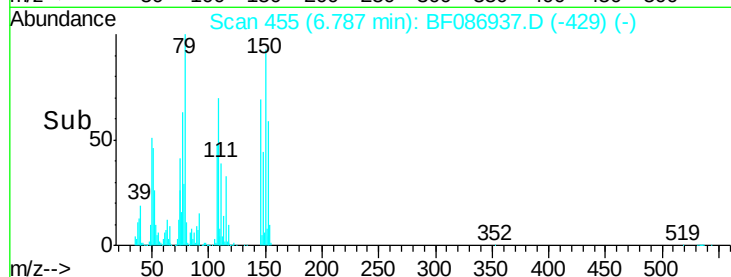
TP40-4FTMSD



Tgt Ion:	79	Resp:	422363
Ion Ratio	Lower	Upper	
79	100		
108	70.1	68.4	102.6
77	63.4	50.6	76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.30 ng

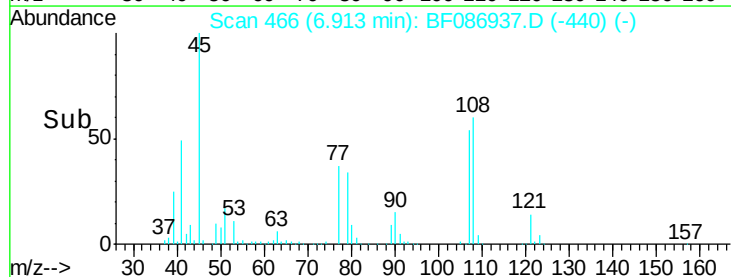
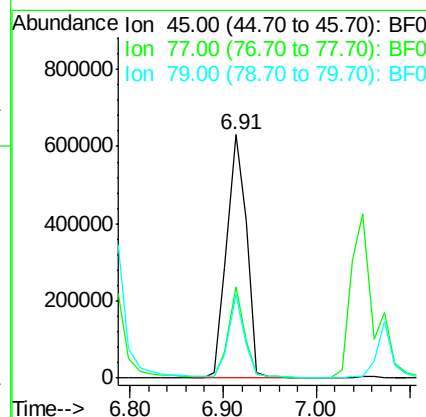
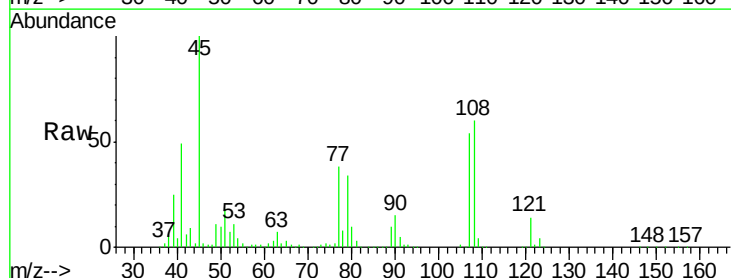
RT: 6.91 min Scan# 466

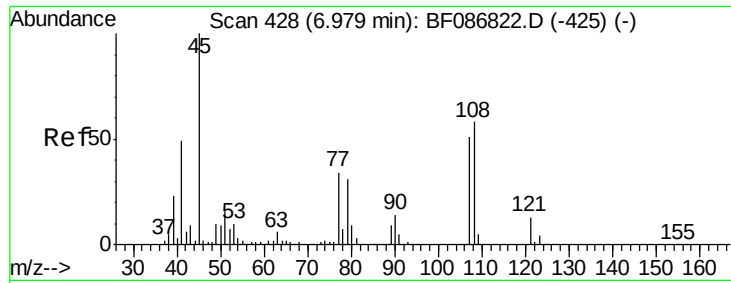
Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Tgt Ion:	45	Resp:	941948
Ion Ratio	Lower	Upper	
45	100		
77	37.8	0.0	36.4#
79	34.3	0.0	33.4#





#17

2-Methylphenol

Concen: 43.30 ng

RT: 6.91 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

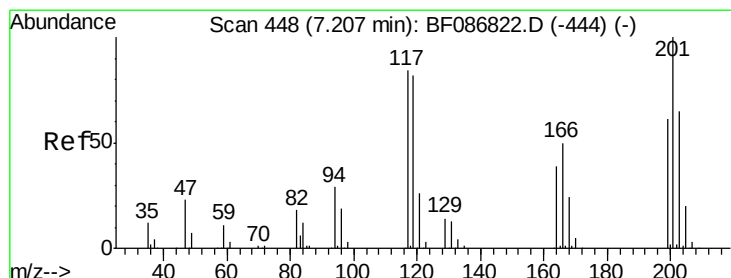
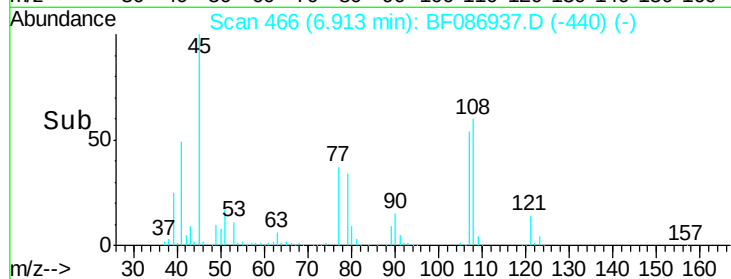
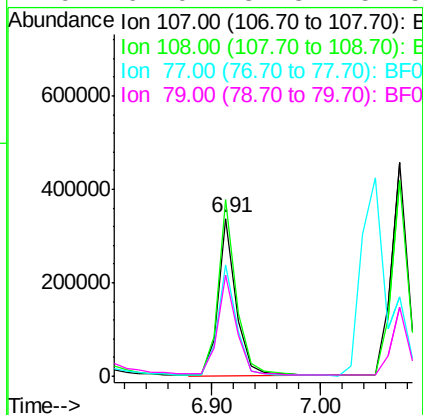
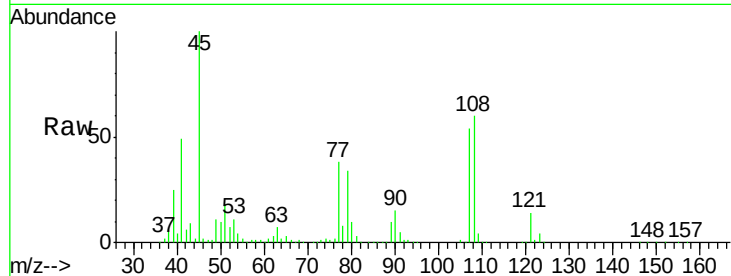
ClientSampleId :

TP40-4FTMSD

Tgt Ion:	107	Resp:	389872
Ion Ratio	Lower	Upper	
107	100		
108	111.6	93.7	140.5
77	70.6	33.4	50.0#
79	64.0	34.3	51.5#

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#18

Hexachloroethane

Concen: 39.40 ng

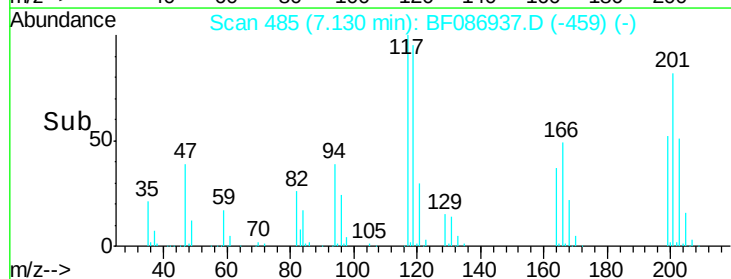
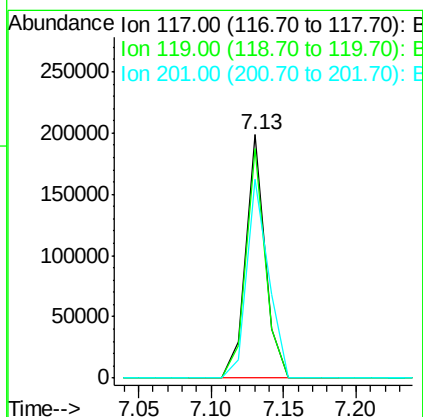
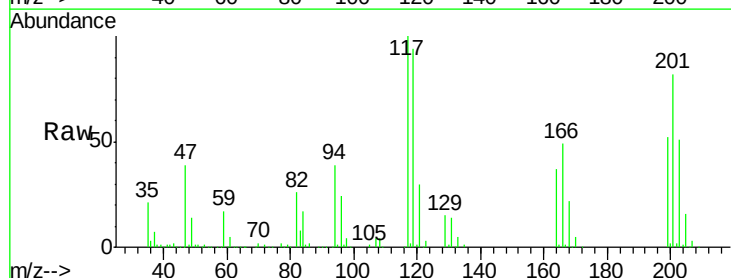
RT: 7.13 min Scan# 485

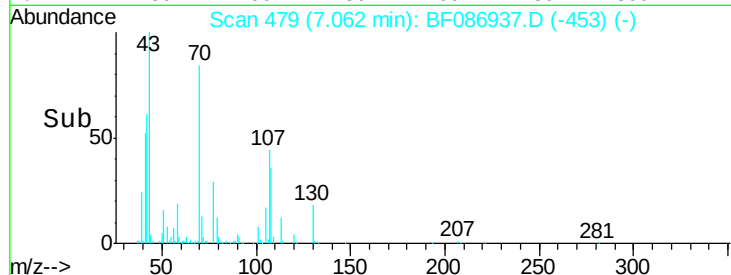
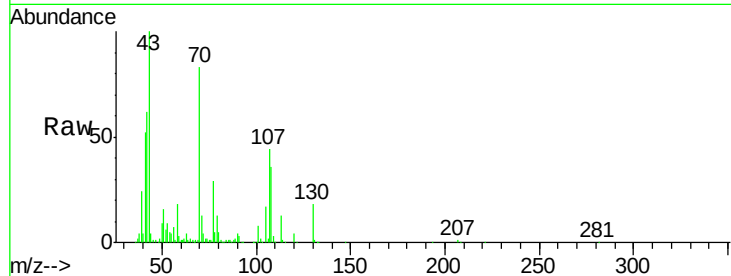
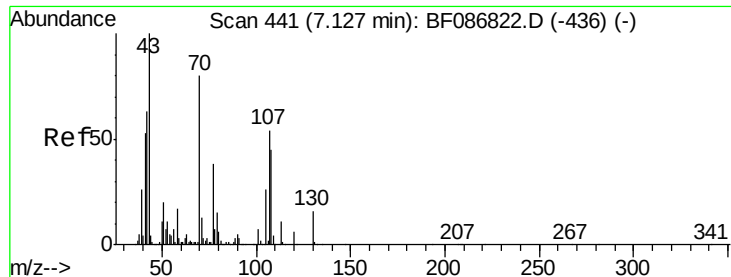
Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Tgt Ion:	117	Resp:	185131
Ion Ratio	Lower	Upper	
117	100		
119	94.4	76.5	114.7
201	81.5	63.0	94.6





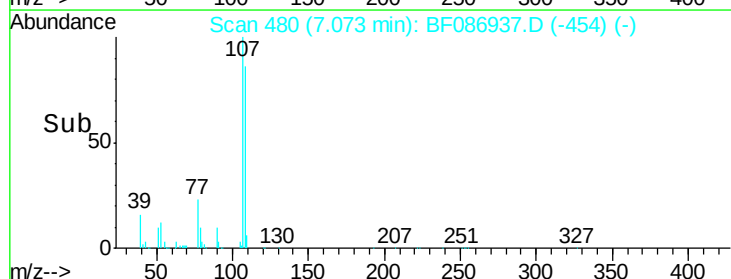
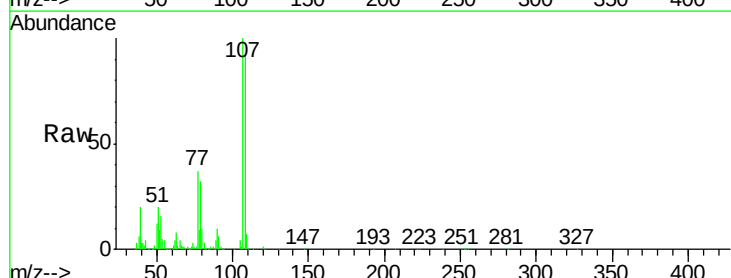
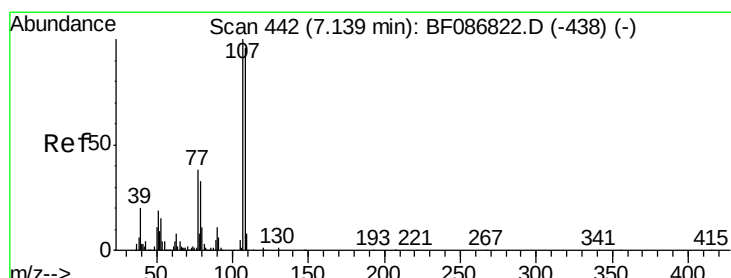
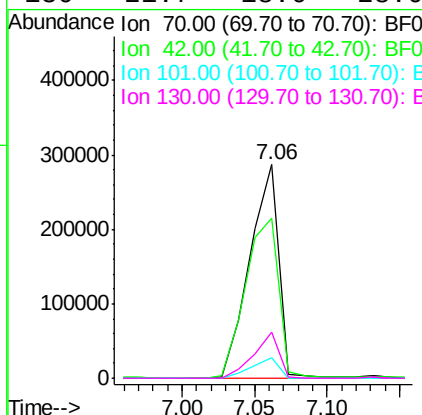
#19
n-Nitroso-di-n-propylamine
Concen: 45.03 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Instrument :
BNA_F
ClientSampleId :
TP40-4FTMSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	75.2	43.1	64.7#
101	9.8	8.1	12.1
130	21.7	18.6	28.0

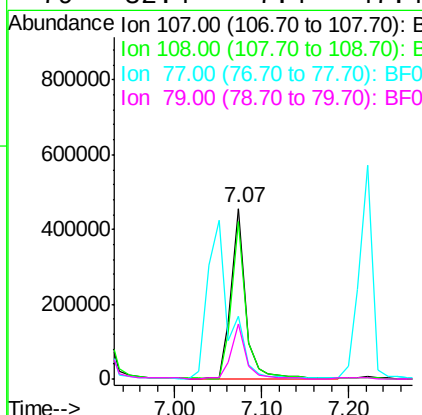
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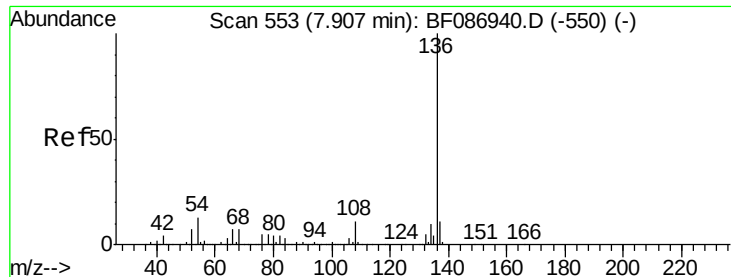
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#20
3+4-Methylphenols
Concen: 44.67 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	68.5	108.5
77	36.9	101.6	141.6#
79	32.4	7.4	47.4





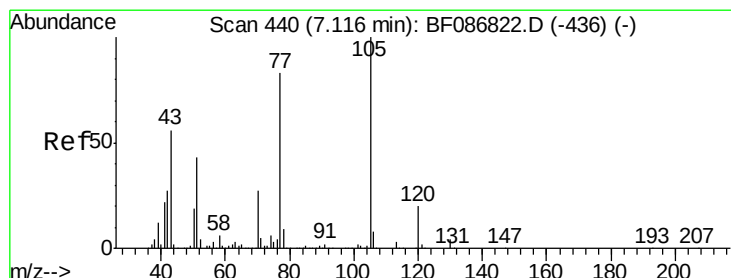
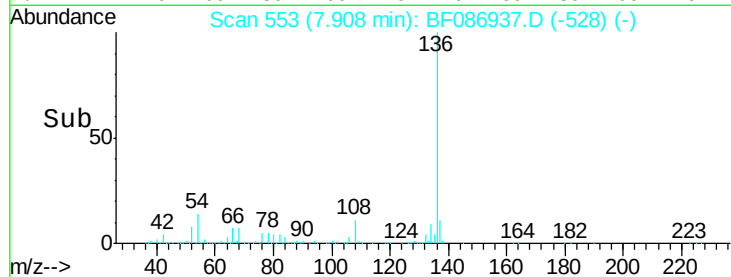
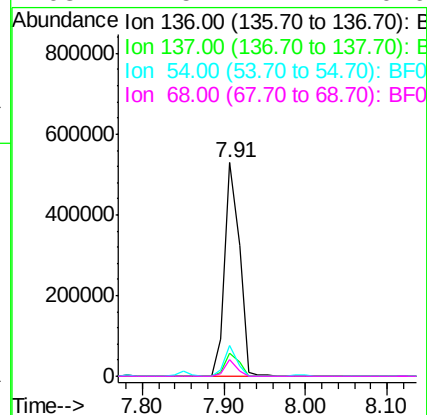
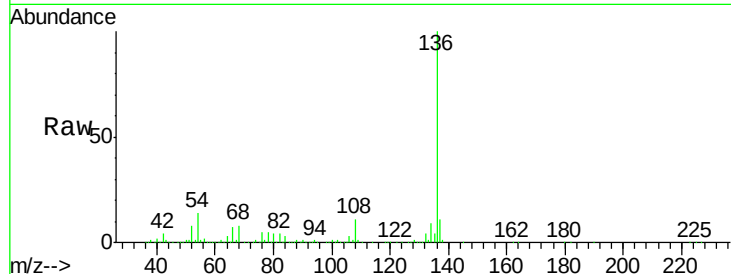
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Instrument :
BNA_F
ClientSampleId :
TP40-4FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	661752		
137	10.8	8.8	13.2	
54	14.1	5.0	7.4	
68	7.5	4.4	6.6	

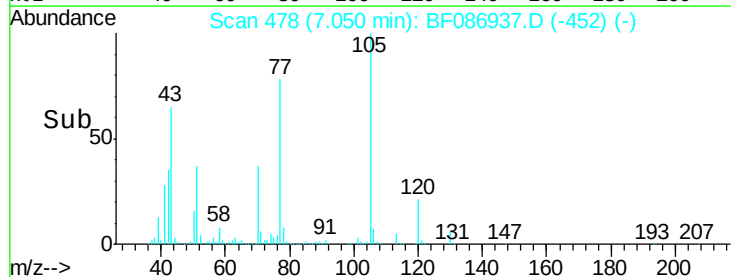
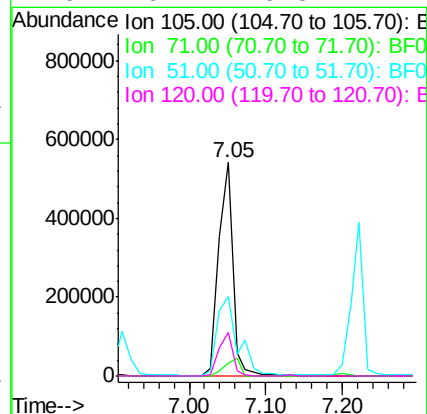
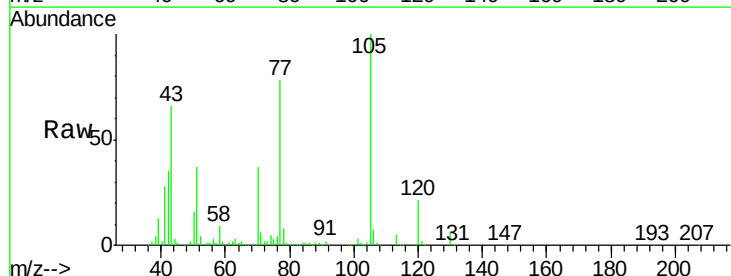
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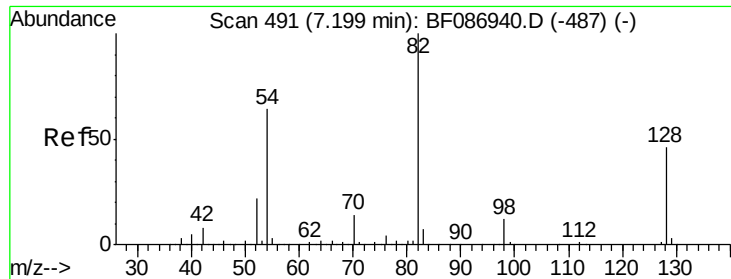
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#22
Acetophenone
Concen: 44.78 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	699885		
71	6.2	4.8	7.2	
51	37.4	32.6	49.0	
120	20.7	16.5	24.7	





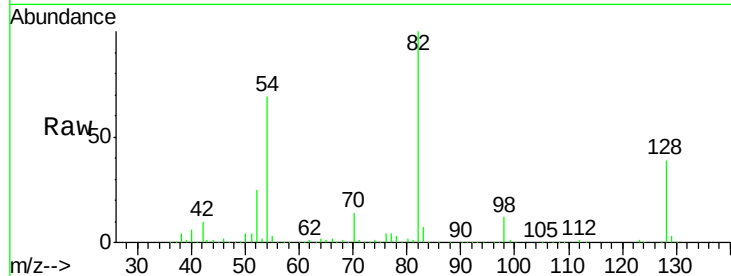
#23
 Nitrobenzene-d5
 Concen: 79.00 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 TP40-4FTMSD

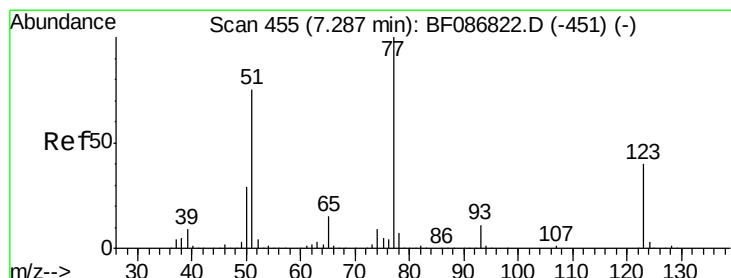
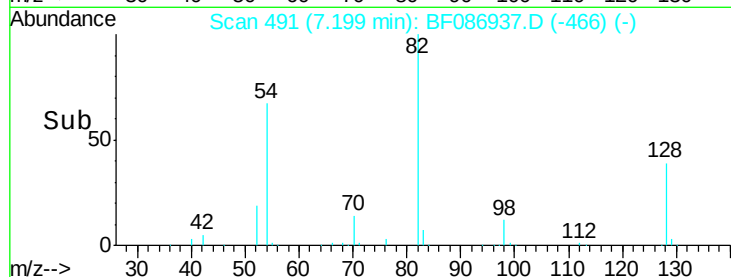
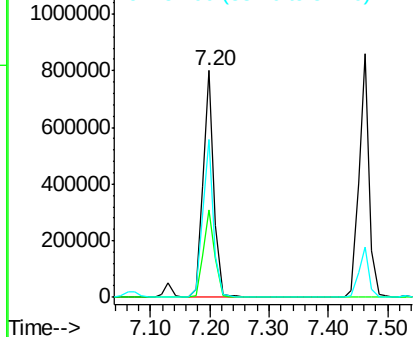
Tgt Ion: 82 Resp: 1041078
 Ion Ratio Lower Upper
 82 100
 128 38.8 40.6 61.0#
 54 69.4 38.1 57.1#

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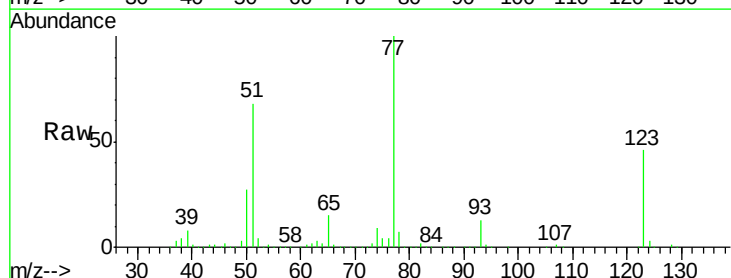


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

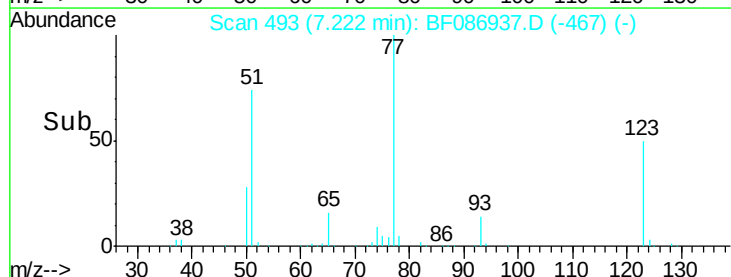
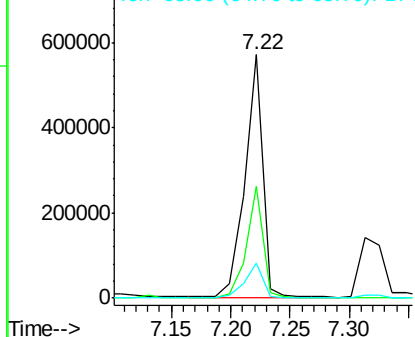


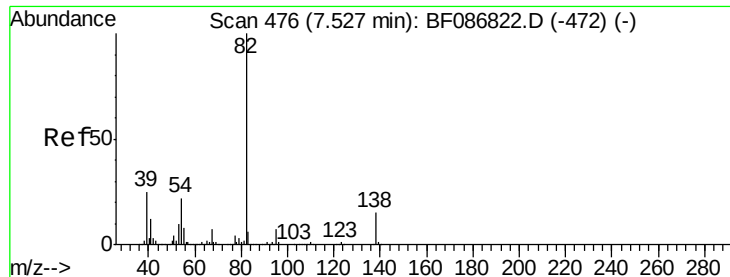
#24
 Nitrobenzene
 Concen: 44.39 ng
 RT: 7.22 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

Tgt Ion: 77 Resp: 601752
 Ion Ratio Lower Upper
 77 100
 123 46.0 33.0 49.4
 65 14.6 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.23 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP40-4FTMSD

Tgt Ion: 82 Resp: 1008135

Ion Ratio Lower Upper

82 100

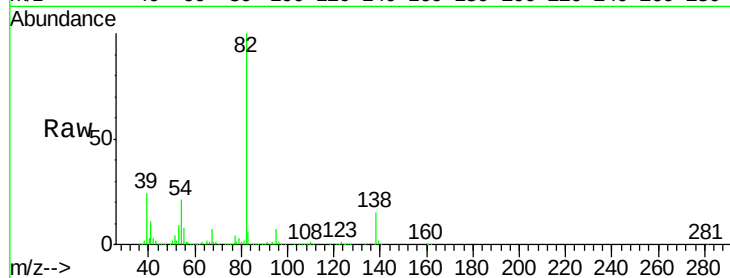
95 7.1 5.1 7.7

138 15.2 12.4 18.6

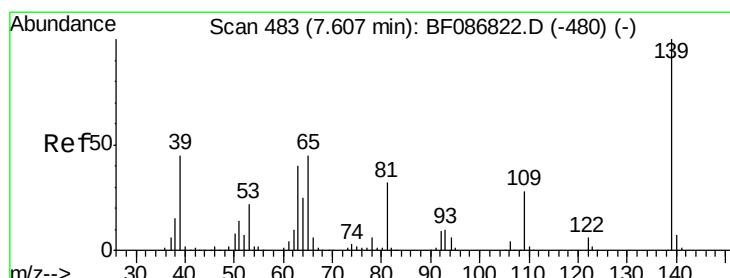
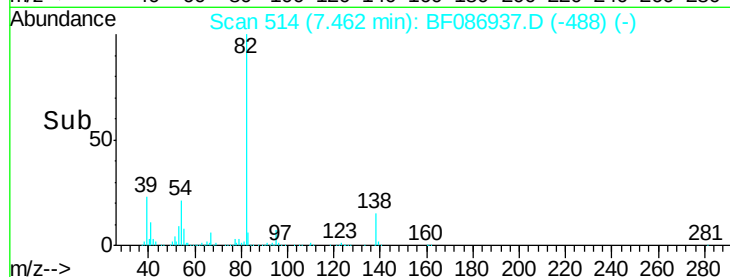
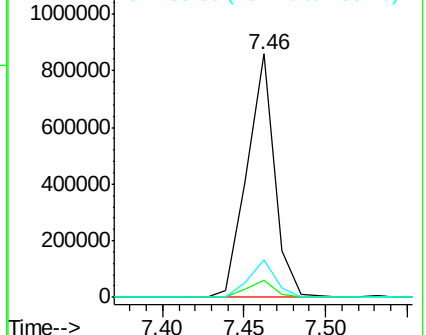
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.01 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

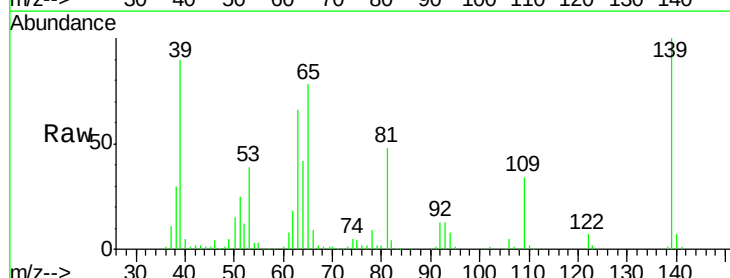
Tgt Ion: 139 Resp: 244386

Ion Ratio Lower Upper

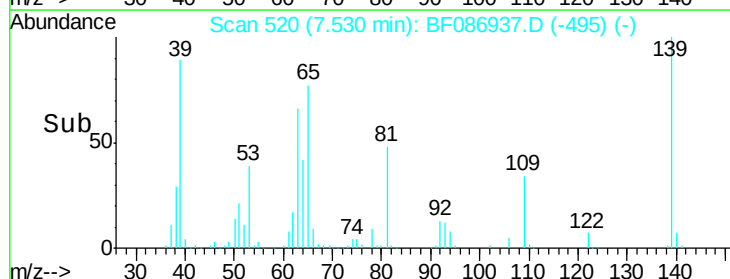
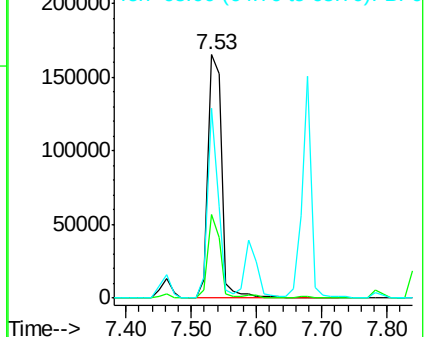
139 100

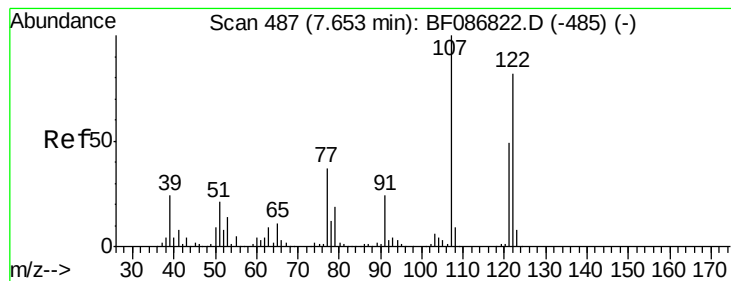
109 34.3 19.5 29.3#

65 77.9 37.5 56.3#



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





#27

2,4-Dimethylphenol

Concen: 40.49 ng

RT: 7.60 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

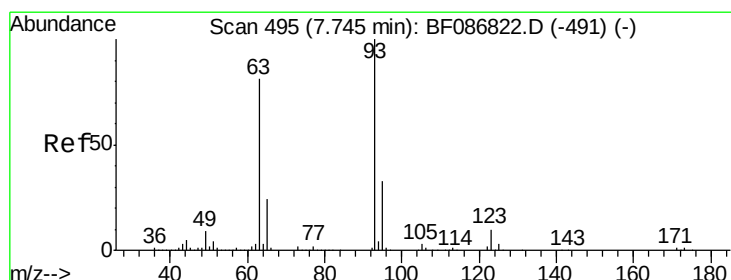
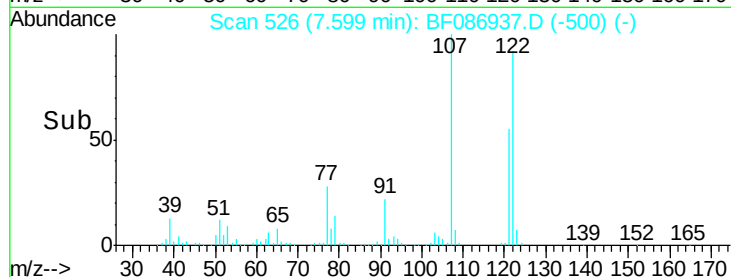
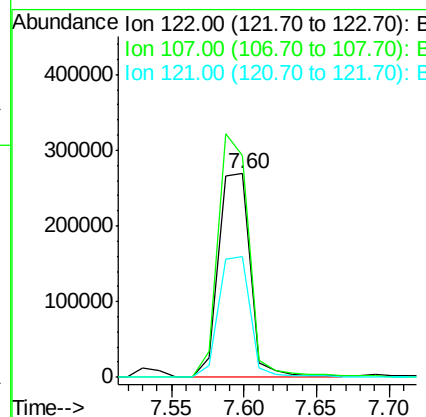
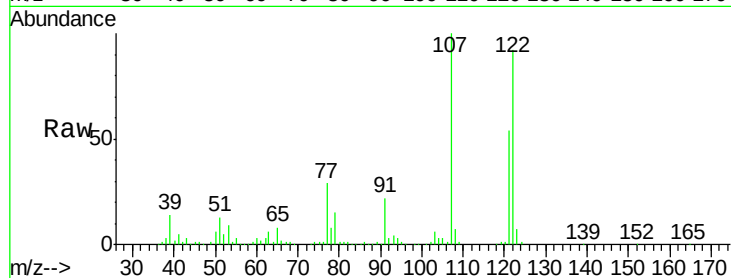
ClientSampleId :

TP40-4FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	410980		
107	109.1	82.0	123.0	
121	59.4	46.1	69.1	

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#28

bis(2-Chloroethoxy)methane

Concen: 46.60 ng

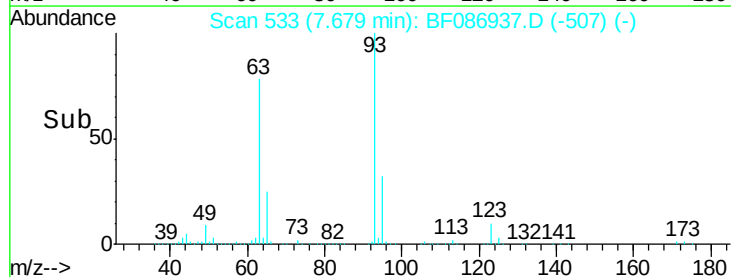
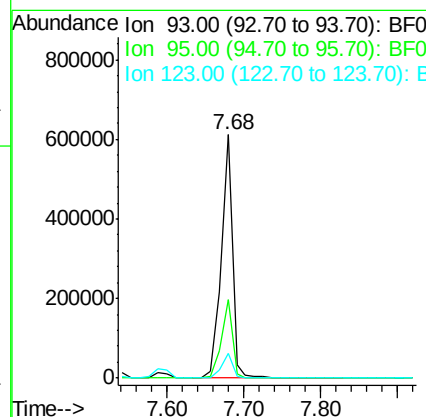
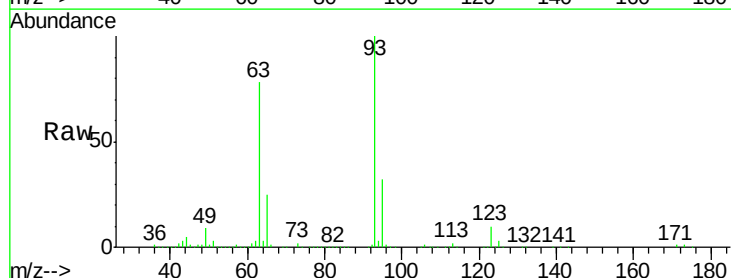
RT: 7.68 min Scan# 533

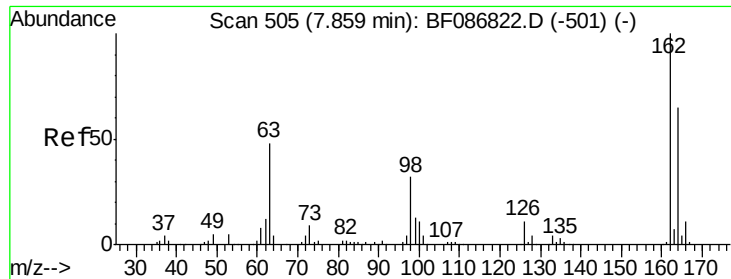
Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	614645		
95	32.5	26.0	39.0	
123	10.2	9.5	14.3	





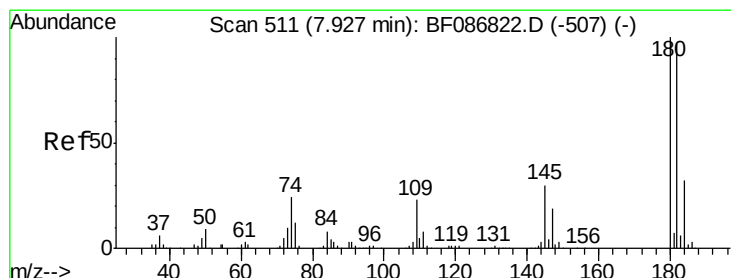
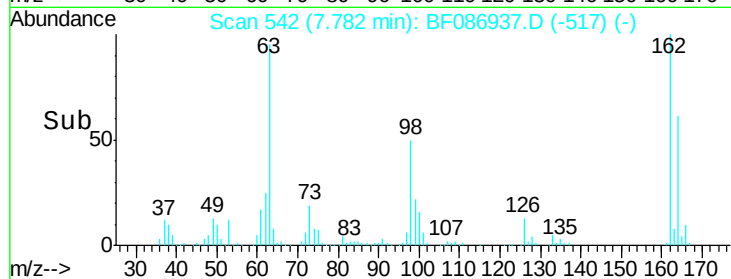
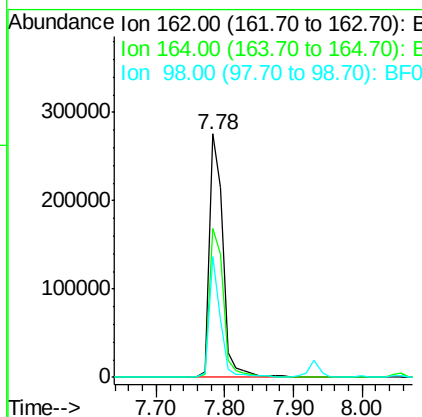
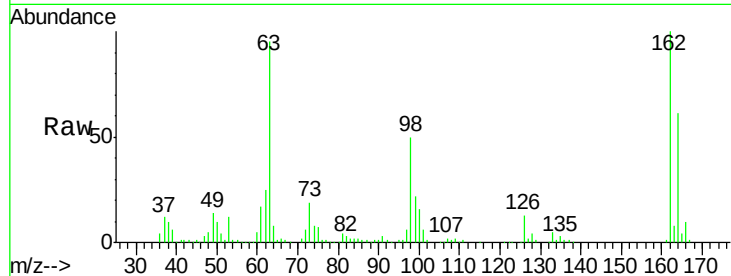
#29
 2,4-Dichlorophenol
 Concen: 43.04 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 TP40-4FTMSD

Tgt Ion:	162	Resp:	384587
Ion Ratio	Lower	Upper	
162	100		
164	61.0	42.2	82.2
98	49.5	19.0	59.0

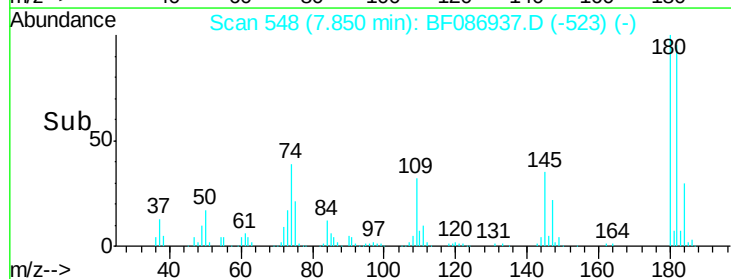
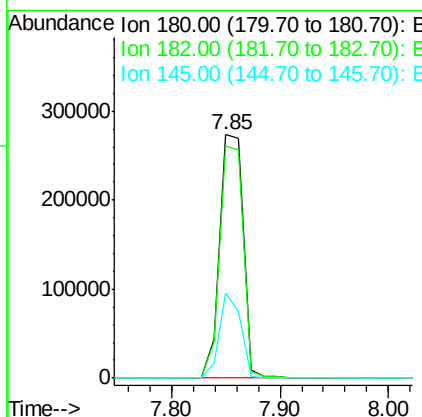
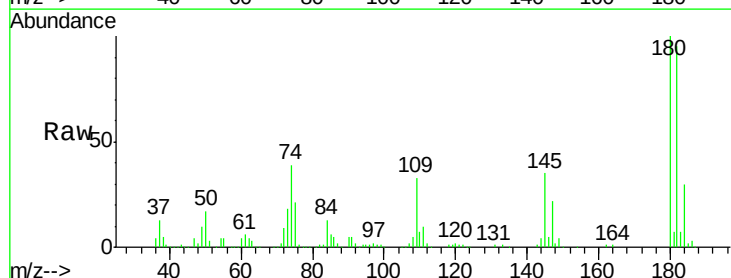
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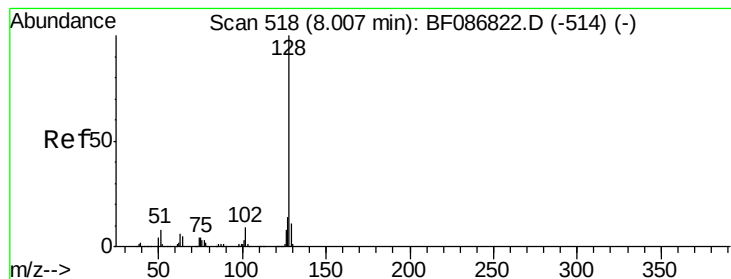
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.24 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

Tgt Ion:	180	Resp:	411971
Ion Ratio	Lower	Upper	
180	100		
182	95.4	78.0	117.0
145	35.1	24.2	36.2





#31

Naphthalene

Concen: 38.62 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

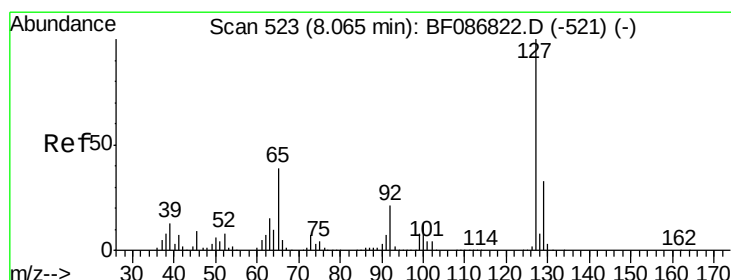
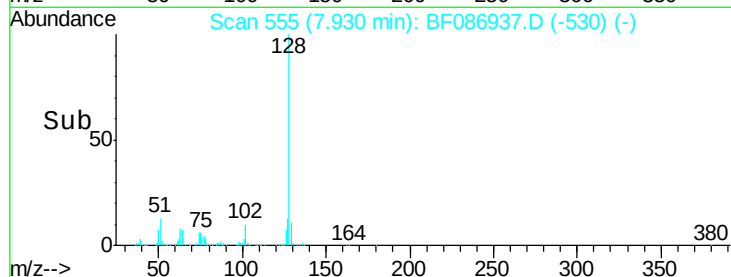
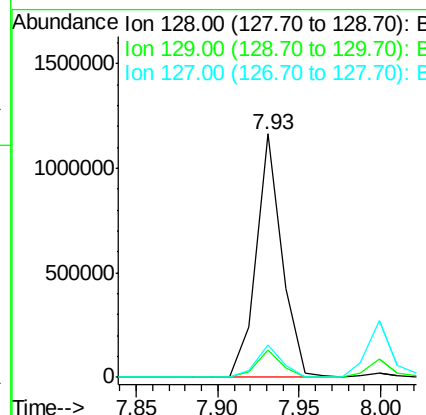
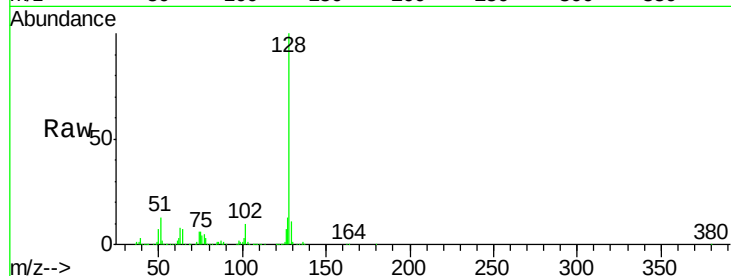
ClientSampleId :

TP40-4FTMSD

Tgt Ion:	128	Resp:	1279977
Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	13.0
127	13.5	10.8	16.2

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#33

4-Chloroaniline

Concen: 24.80 ng

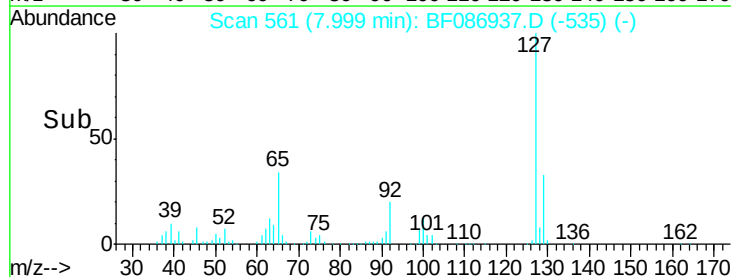
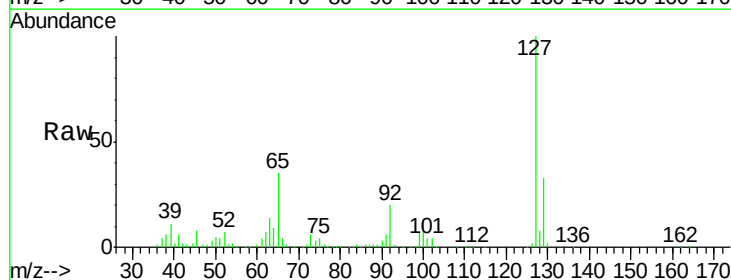
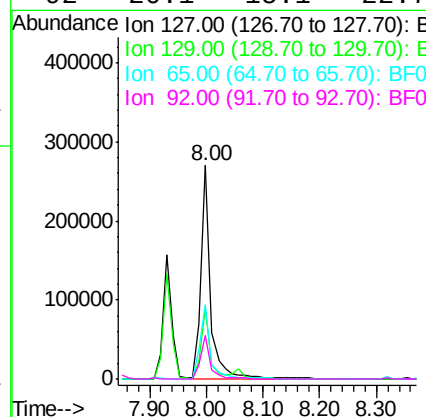
RT: 8.00 min Scan# 561

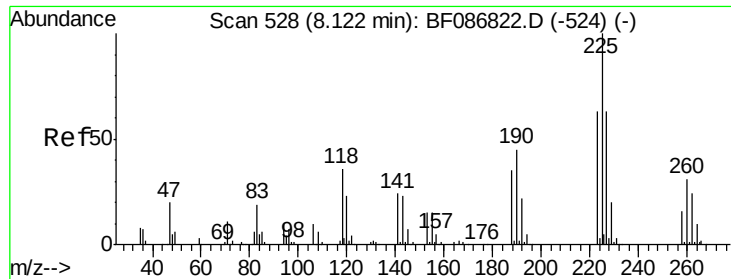
Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Tgt Ion:	127	Resp:	319340
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.4
65	34.7	23.0	34.4#
92	20.1	15.1	22.7





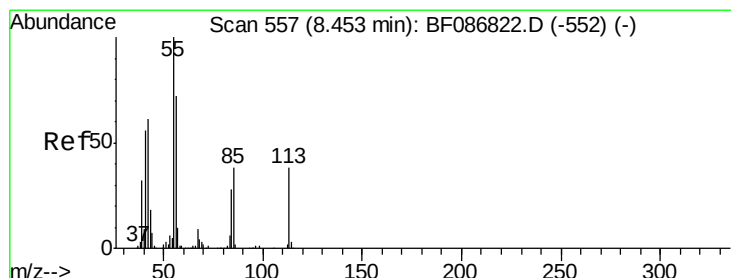
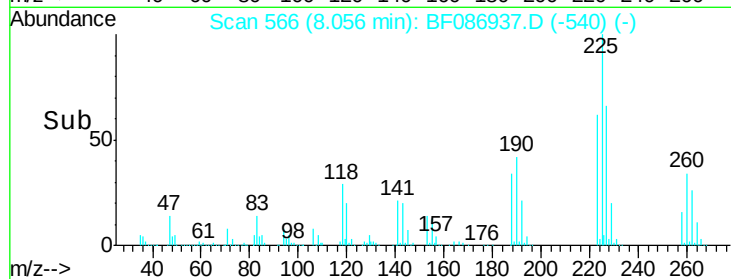
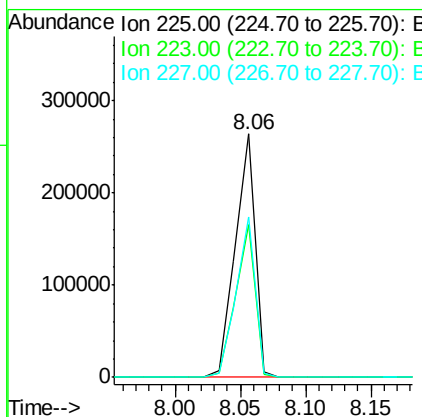
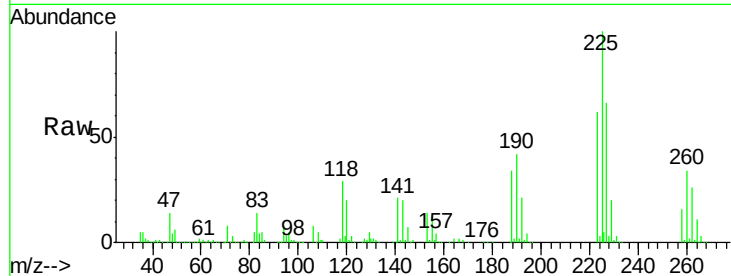
#34
Hexachlorobutadiene
Concen: 47.85 ng
RT: 8.06 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Instrument :
BNA_F
ClientSampleId :
TP40-4FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	277338		
223	62.5	51.5	77.3	
227	66.1	52.2	78.2	

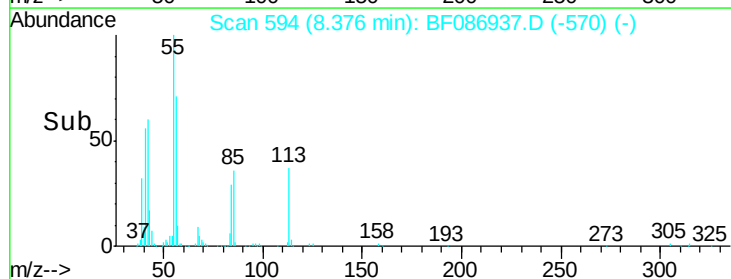
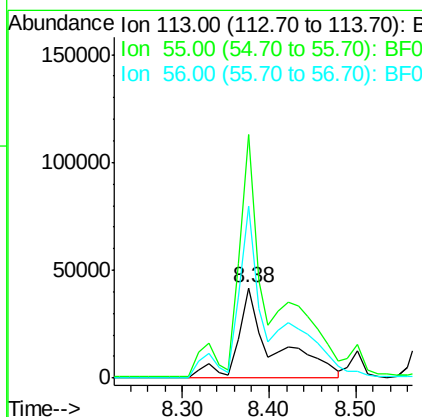
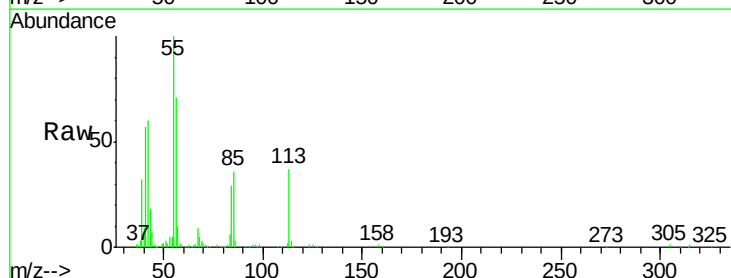
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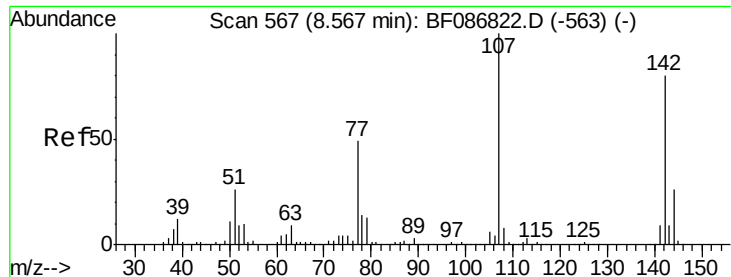
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#35
Caprolactam
Concen: 39.65 ng m
RT: 8.38 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	120528		
55	269.8	162.0	202.0#	
56	190.5	115.3	155.3#	





#36

4-Chloro-3-methylphenol

Concen: 40.46 ng

RT: 8.50 min Scan# 605

Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

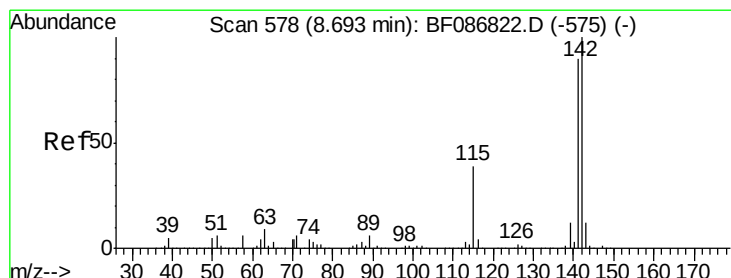
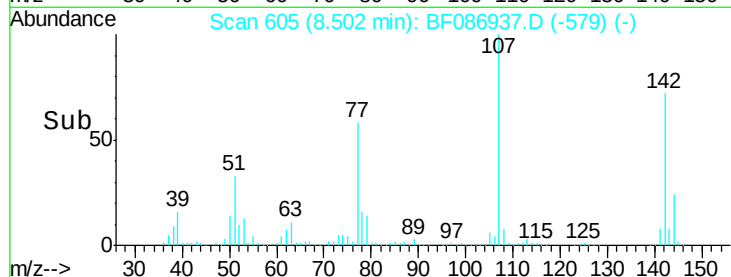
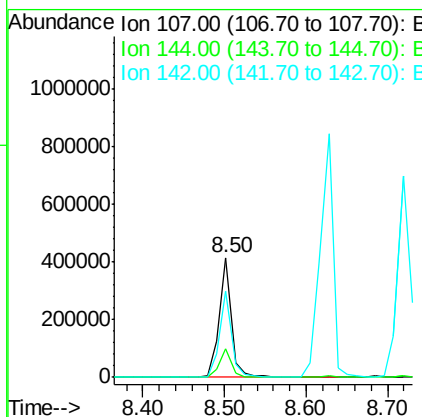
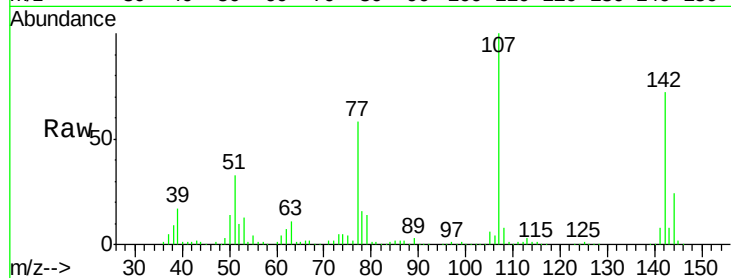
ClientSampled :

TP40-4FTMSD

Tgt Ion:	107	Resp:	438409
Ion Ratio	Lower	Upper	
107	100		
144	23.7	20.7	31.1
142	71.8	63.2	94.8

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#37

2-Methylnaphthalene

Concen: 47.73 ng

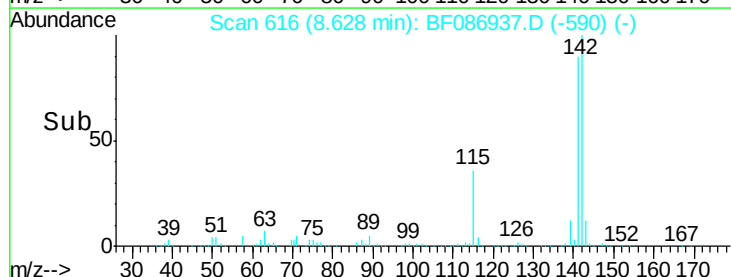
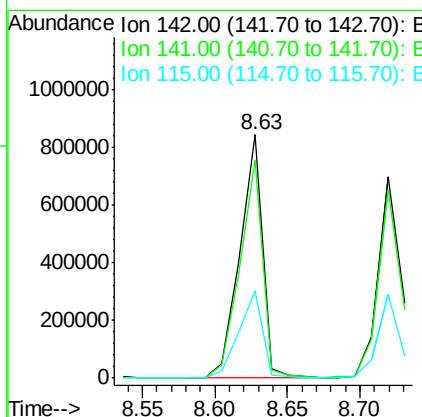
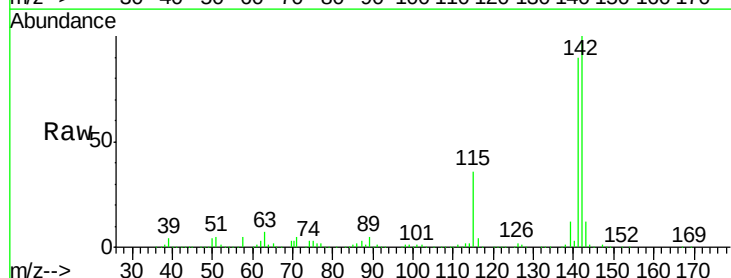
RT: 8.63 min Scan# 616

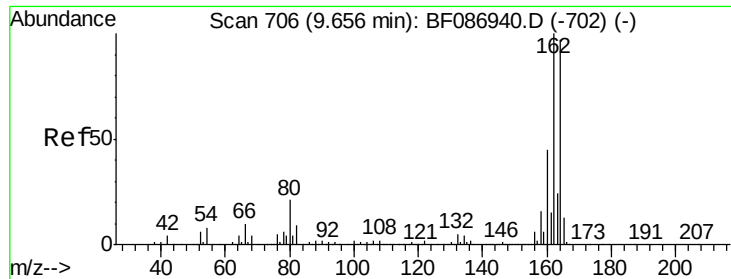
Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Tgt Ion:	142	Resp:	924911
Ion Ratio	Lower	Upper	
142	100		
141	89.7	71.0	106.6
115	35.7	26.6	39.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF086937.D

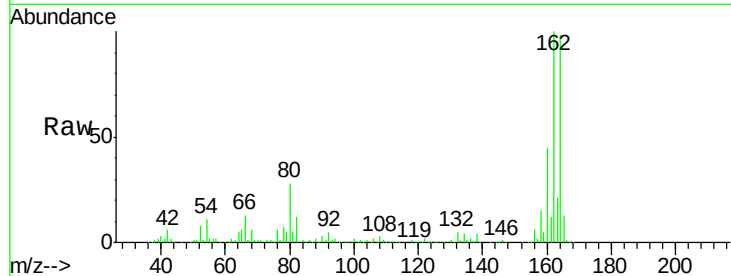
Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

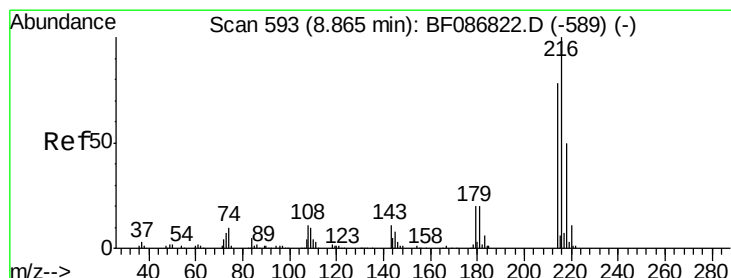
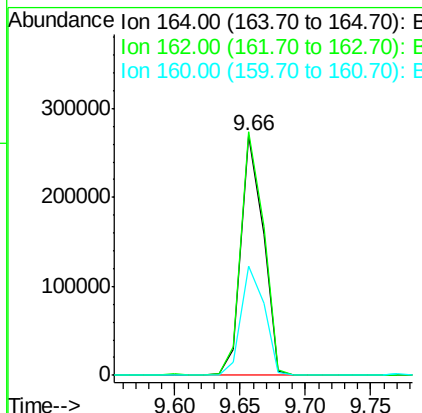
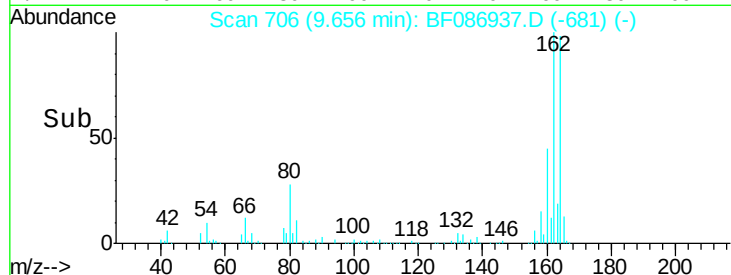
TP40-4FTMSD



Tgt Ion:	164	Resp:	319806
Ion Ratio	Lower	Upper	
164	100		
162	101.6	82.8	124.2
160	45.8	36.9	55.3

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.72 ng

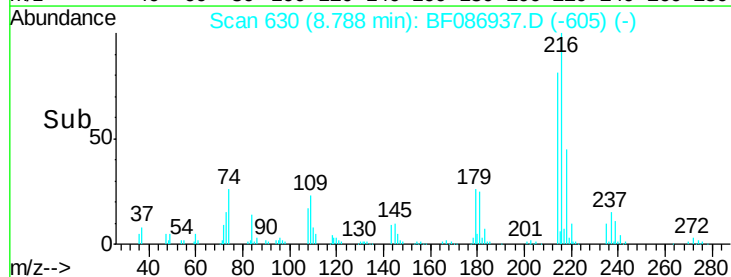
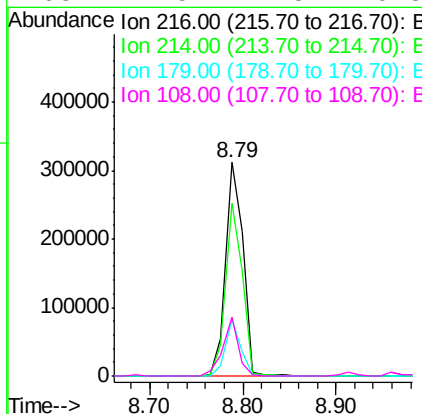
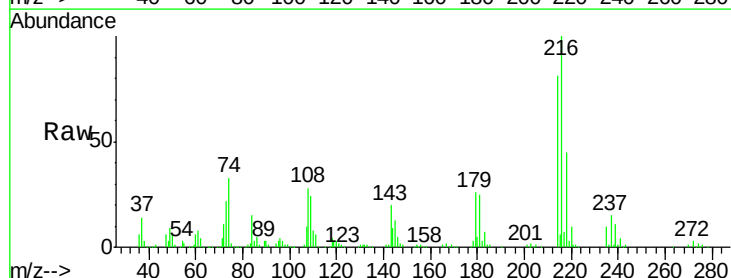
RT: 8.79 min Scan# 630

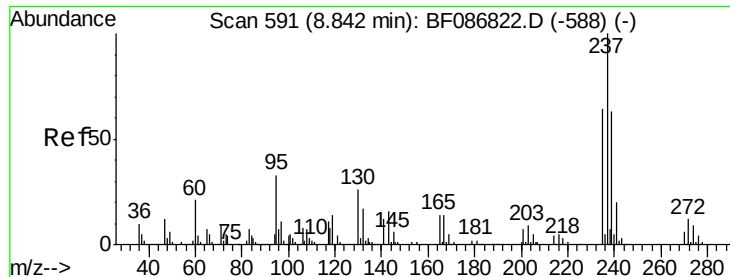
Delta R.T. -0.01 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Tgt Ion:	216	Resp:	406552
Ion Ratio	Lower	Upper	
216	100		
214	77.7	62.6	93.8
179	22.8	18.2	27.4
108	24.5	17.5	26.3





#40

Hexachlorocyclopentadiene

Concen: 72.64 ng

RT: 8.78 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

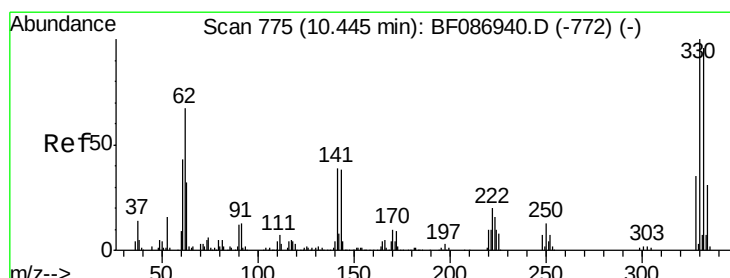
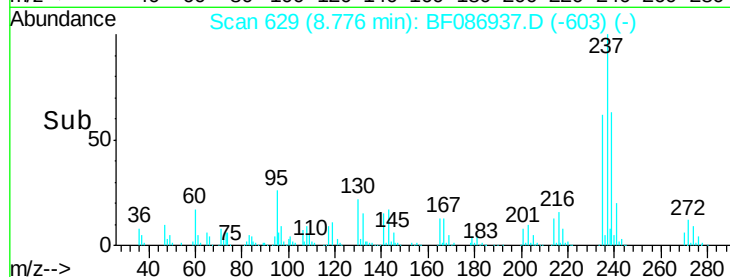
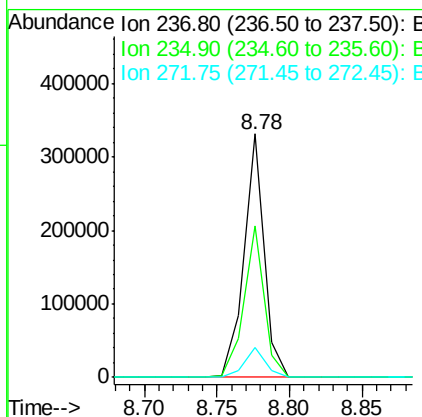
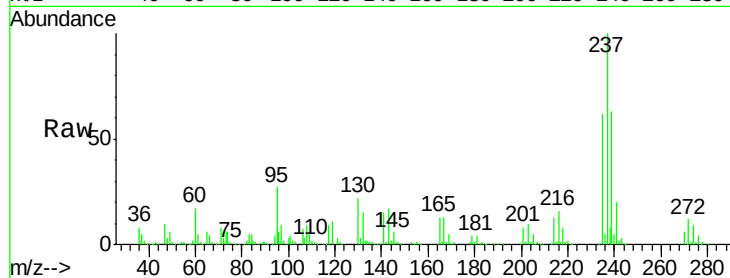
ClientSampleId :

TP40-4FTMSD

Tgt Ion:	237	Resp:	320583
Ion Ratio	Lower	Upper	
237	100		
235	62.5	47.2	87.2
272	12.3	0.0	31.1

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#41

2,4,6-Tribromophenol

Concen: 133.52 ng

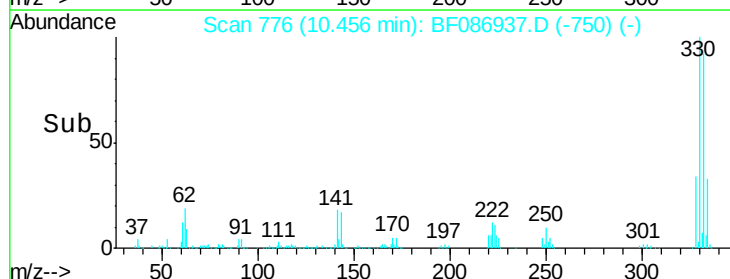
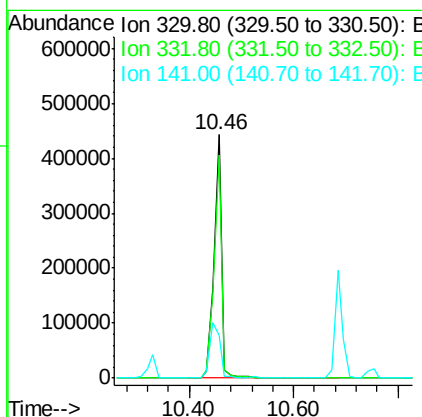
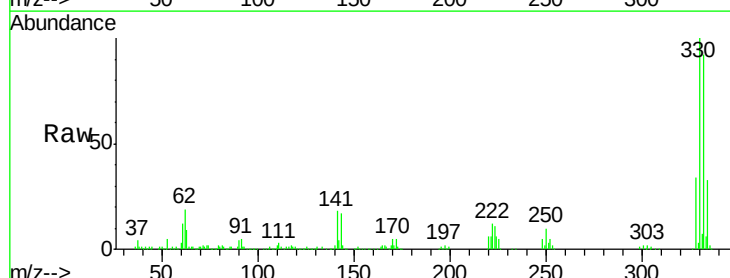
RT: 10.46 min Scan# 776

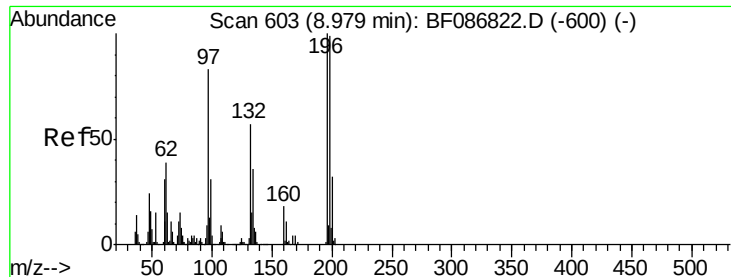
Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Tgt Ion:	330	Resp:	452064
Ion Ratio	Lower	Upper	
330	100		
332	91.8	79.0	118.4
141	30.0	31.2	46.8#





#42

2,4,6-Trichlorophenol

Concen: 39.76 ng

RT: 8.91 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF086937.D

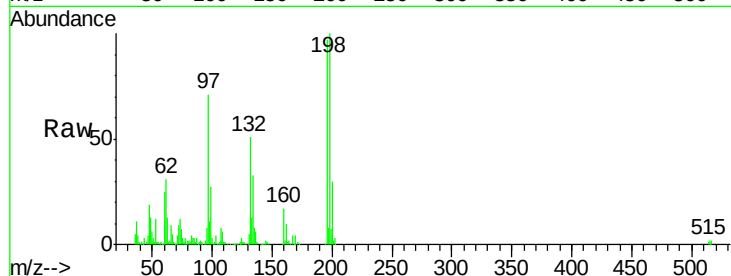
Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

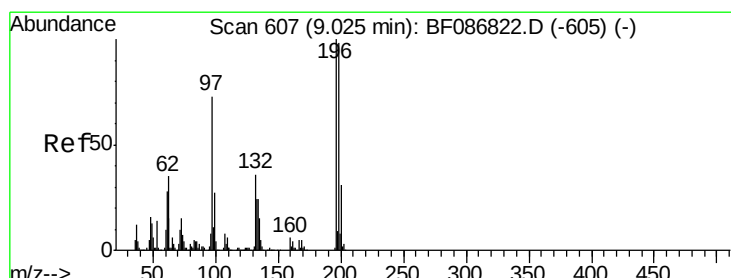
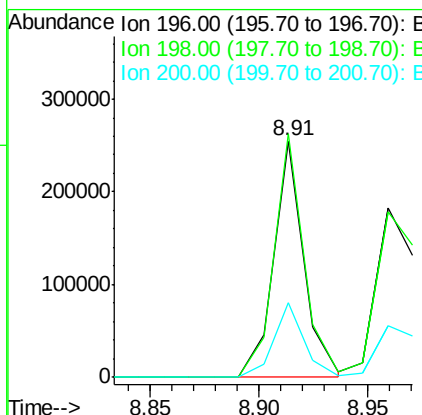
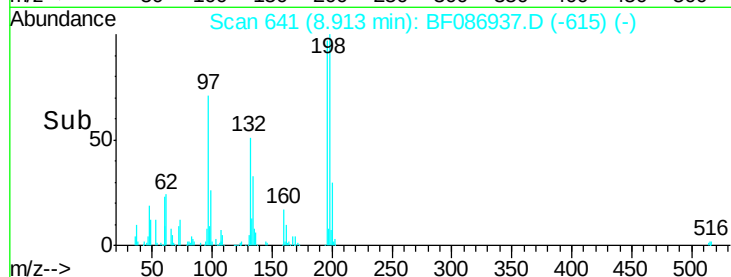
TP40-4FTMSD



Tgt Ion:	196	Resp:	247192
Ion Ratio	Lower	Upper	
196	100		
198	103.2	74.7	112.1
200	31.4	23.8	35.6

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#43

2,4,5-Trichlorophenol

Concen: 37.51 ng

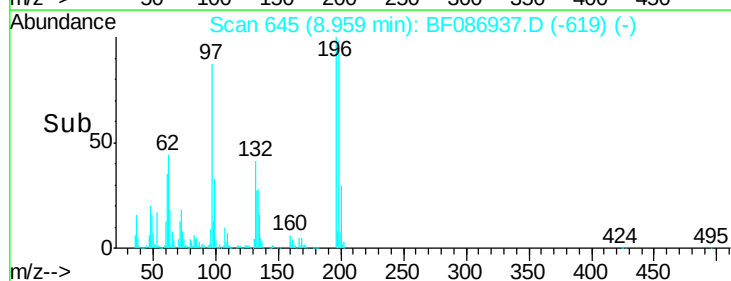
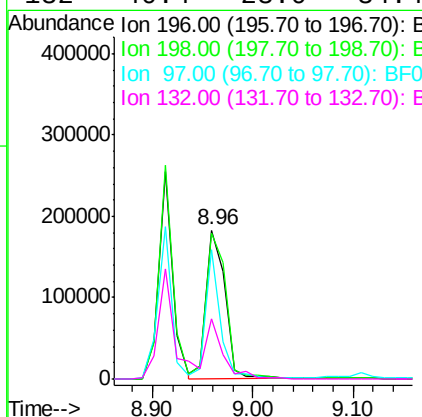
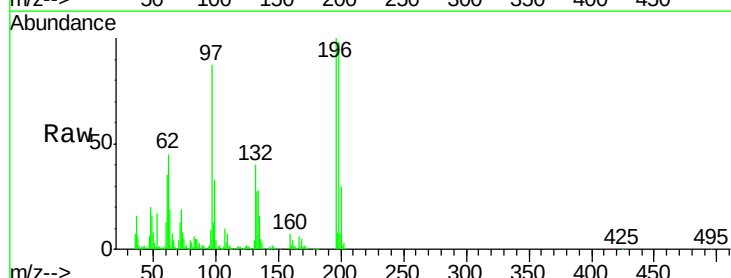
RT: 8.96 min Scan# 645

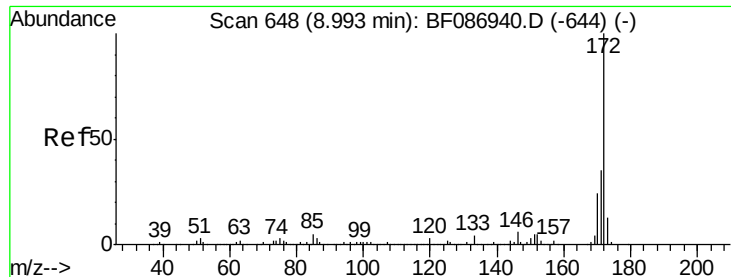
Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Tgt Ion:	196	Resp:	241193
Ion Ratio	Lower	Upper	
196	100		
198	97.8	77.5	116.3
97	86.6	34.8	52.2#
132	40.4	23.0	34.4#





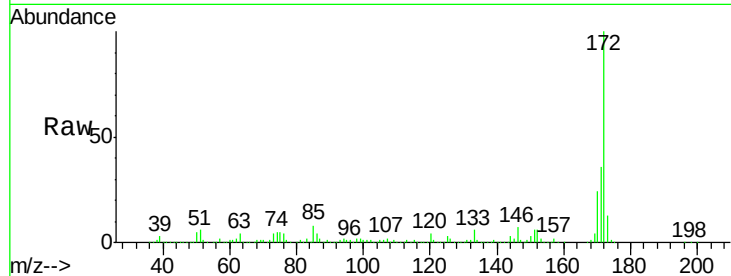
#44
2-Fluorobiphenyl
Concen: 81.63 ng
RT: 8.99 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Instrument :
BNA_F
ClientSampleId :
TP40-4FTMSD

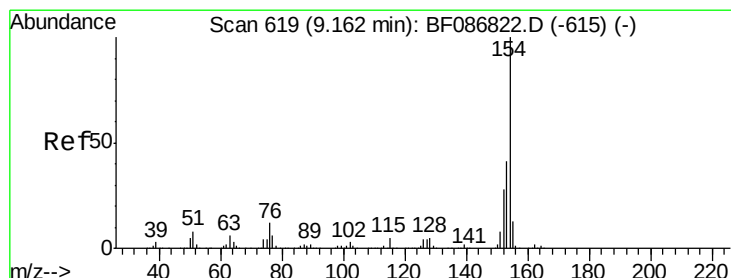
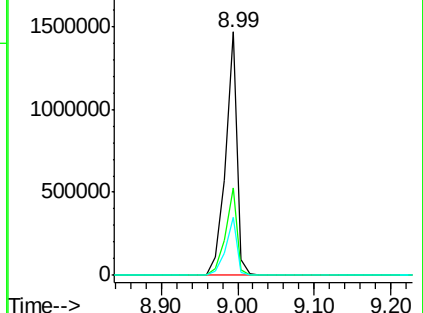
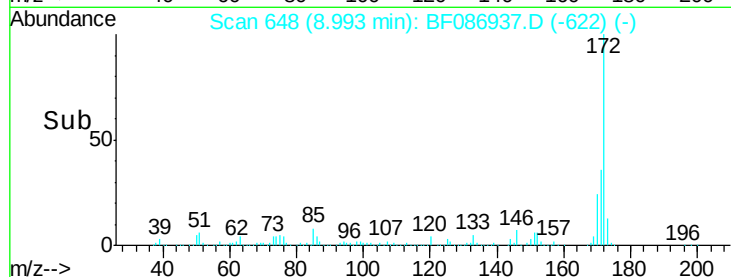
Tgt Ion:172 Resp: 1553402
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 23.9 19.8 29.8

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5/13/2016 8:03:52 PM

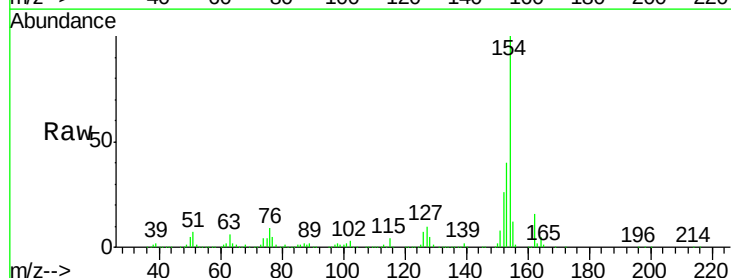


Abundance Ion 172.00 (171.70 to 172.70): E
2000000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

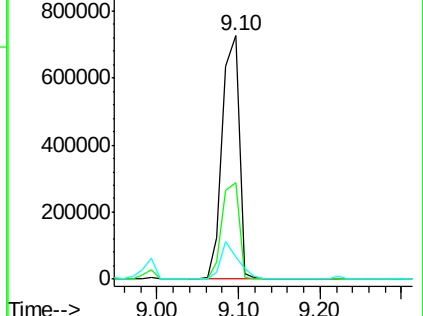
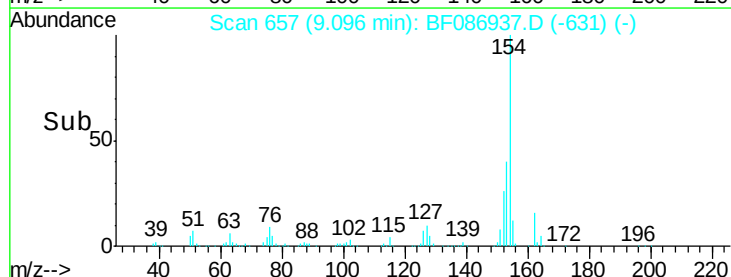


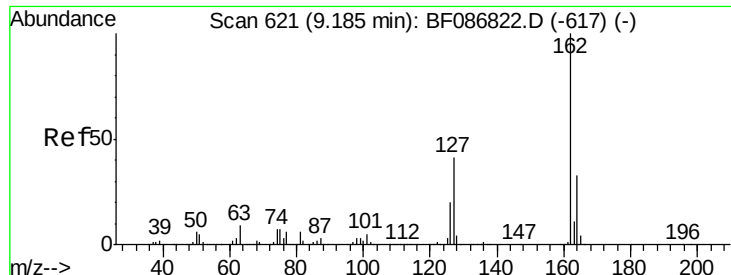
#45
1,1'-Biphenyl
Concen: 41.02 ng
RT: 9.10 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Tgt Ion:154 Resp: 1043527
Ion Ratio Lower Upper
154 100
153 39.8 20.3 60.3
76 8.9 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E
1000000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0





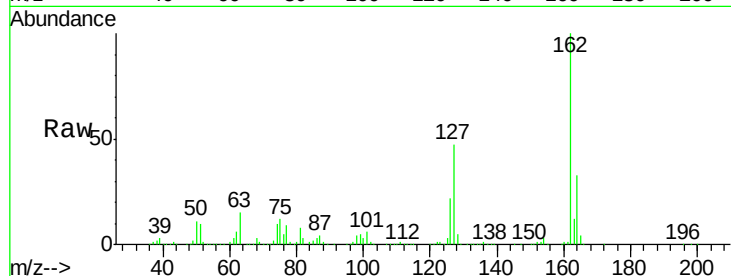
#46
 2-Chloronaphthalene
 Concen: 39.12 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 TP40-4FTMSD

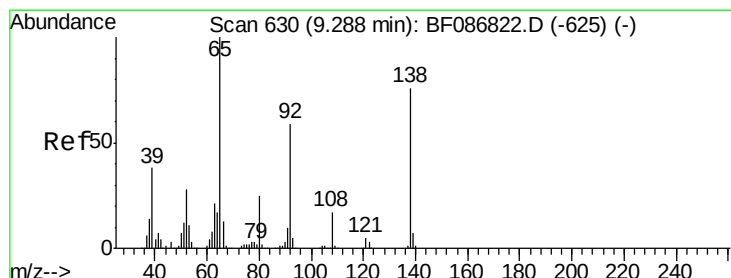
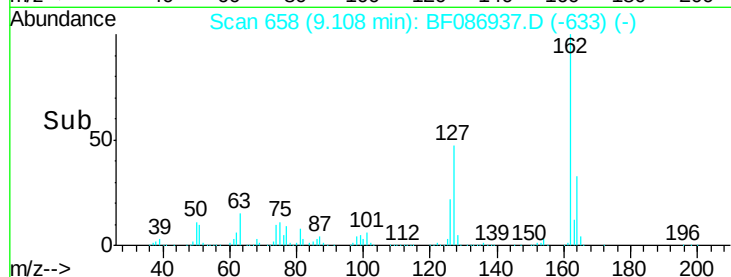
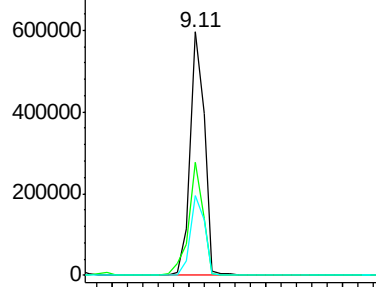
Tgt Ion:	162	Resp:	779546
Ion Ratio	Lower	Upper	
162	100		
127	46.7	31.8	47.6
164	32.6	27.0	40.6

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 5/13/2016 8:03:52 PM

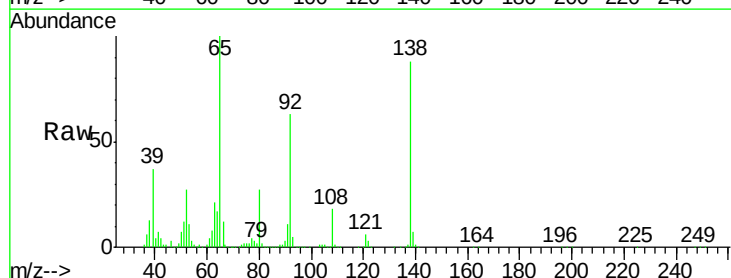


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

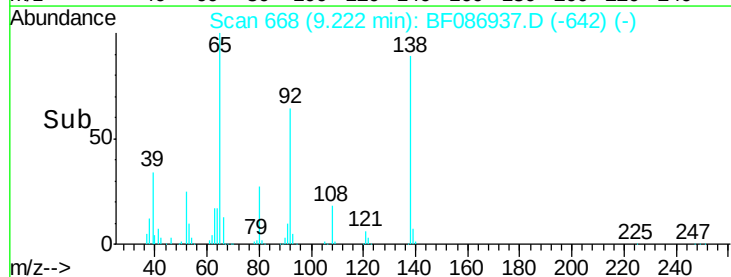
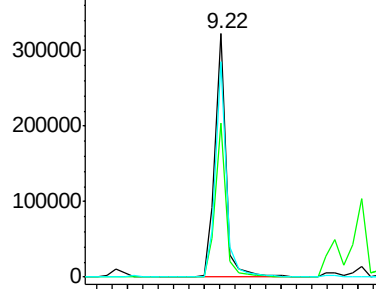


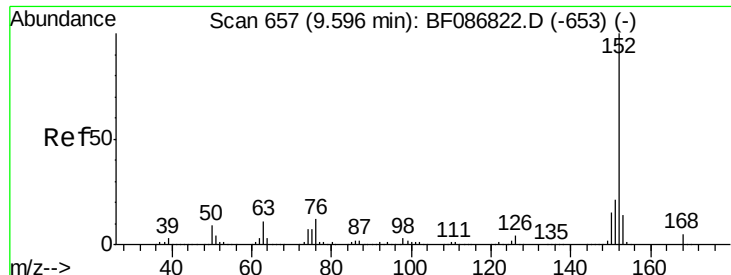
#47
 2-Nitroaniline
 Concen: 45.26 ng
 RT: 9.22 min Scan# 668
 Delta R.T. 0.00 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

Tgt Ion:	65	Resp:	329675
Ion Ratio	Lower	Upper	
65	100		
92	63.2	57.4	86.2
138	88.5	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: 39.73 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

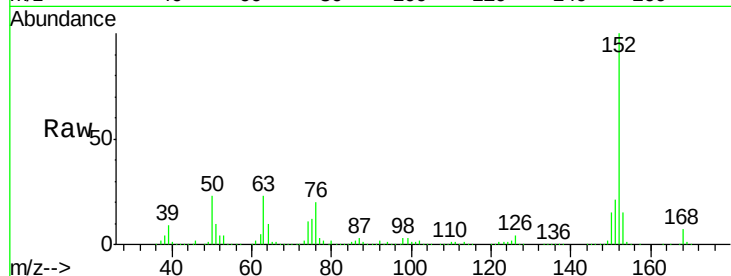
ClientSampleId :

TP40-4FTMSD

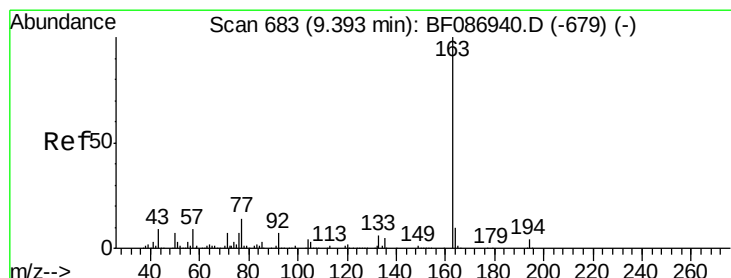
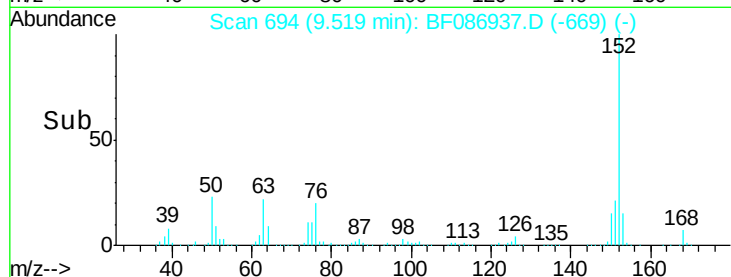
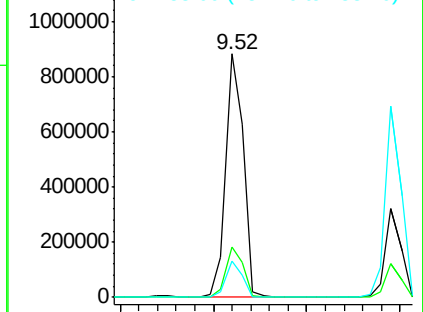
Tgt Ion:	152	Resp:	1164756
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	14.7	10.9	16.3

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



#49

Dimethylphthalate

Concen: 43.51 ng

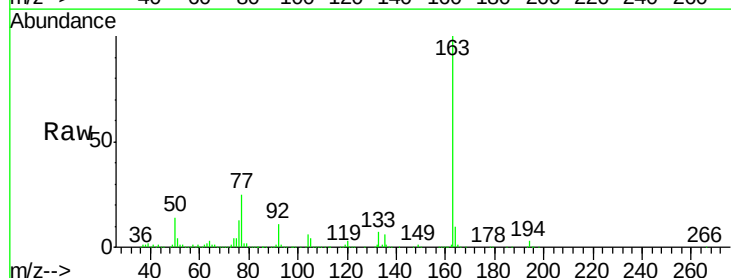
RT: 9.40 min Scan# 684

Delta R.T. 0.00 min

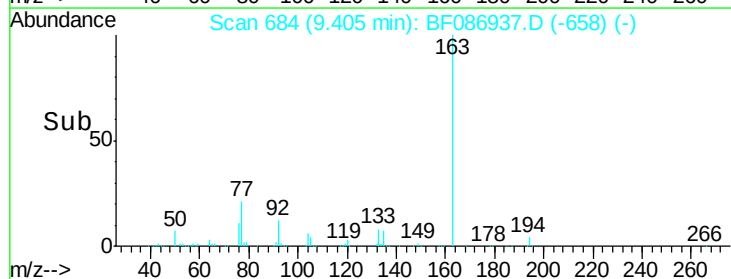
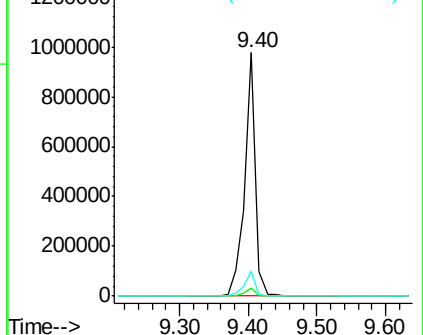
Lab File: BF086937.D

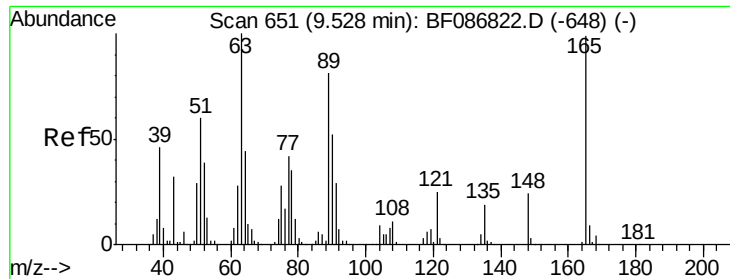
Acq: 12 May 2016 18:24

Tgt Ion:	163	Resp:	1061602
Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.3	8.2	12.4



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





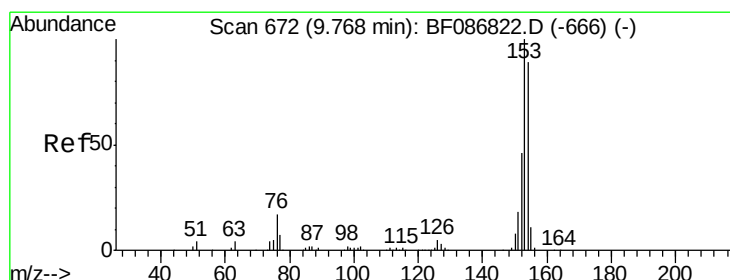
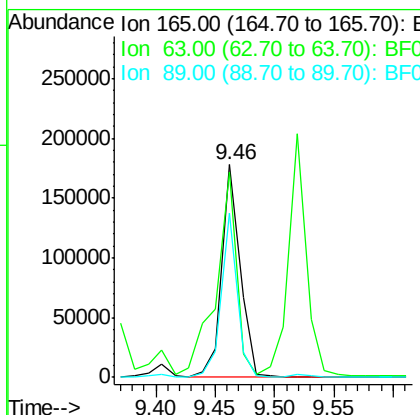
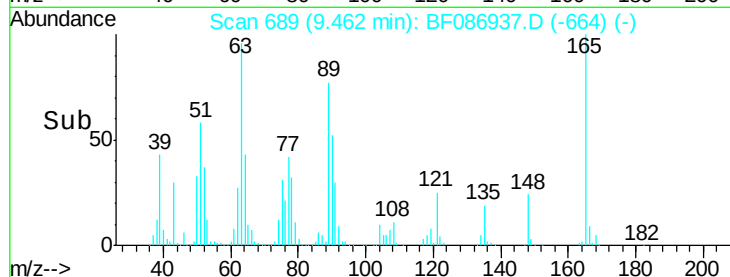
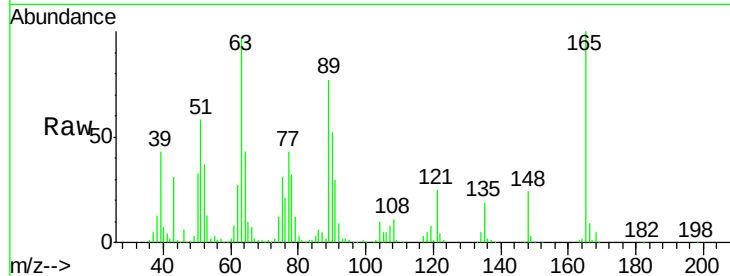
#50
 2,6-Dinitrotoluene
 Concen: 37.23 ng
 RT: 9.46 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

Instrument :
 BNA_F
 ClientSampled :
 TP40-4FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	191168		
63	96.5	51.8	77.8#	
89	77.4	50.7	76.1#	

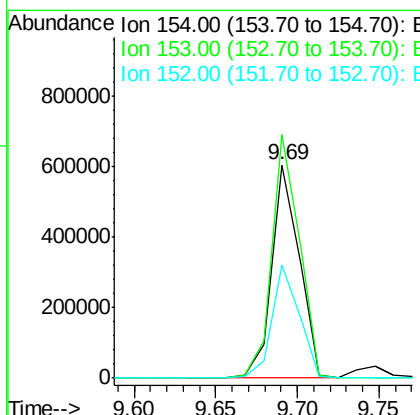
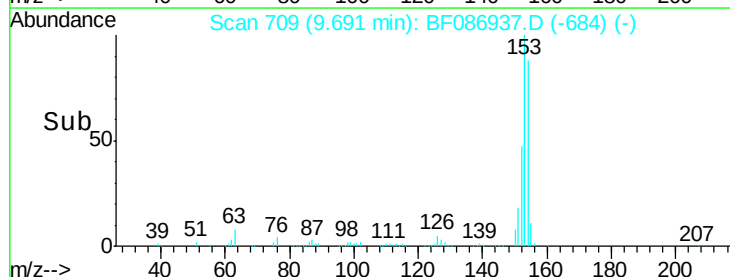
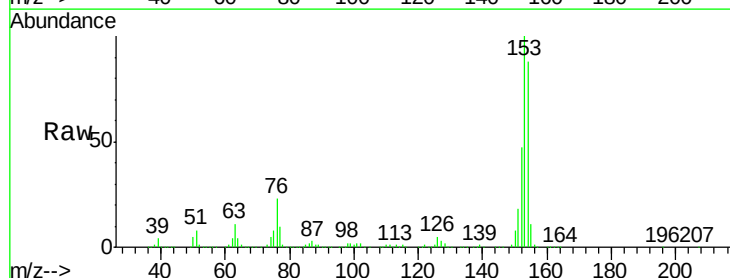
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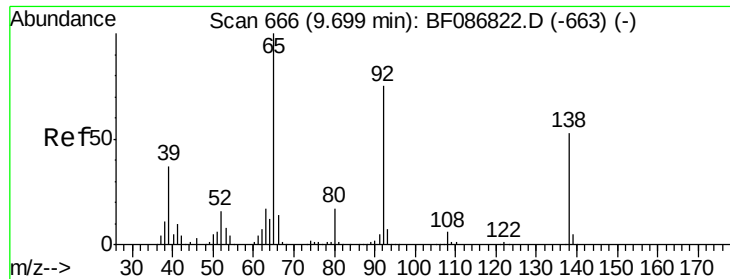
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 5/13/2016 8:03:52 PM



#51
 Acenaphthene
 Concen: 39.20 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	714777		
153	114.1	89.8	134.6	
152	53.2	43.4	65.0	





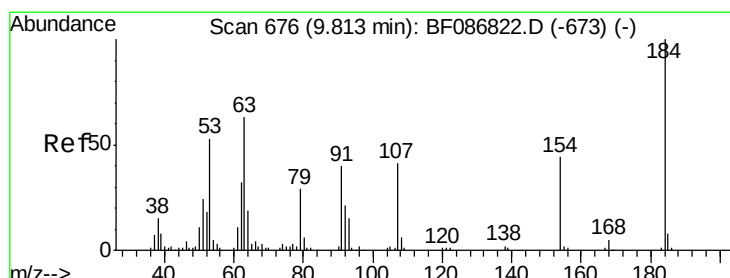
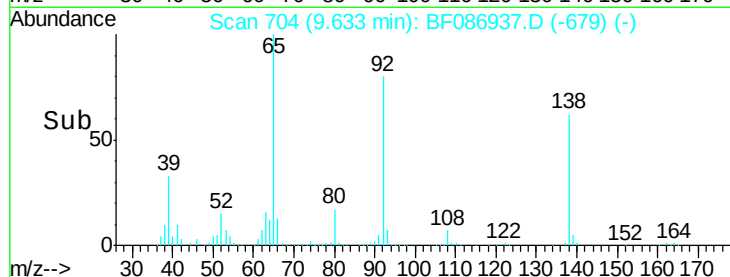
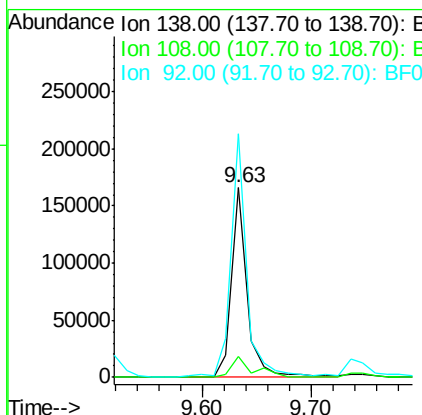
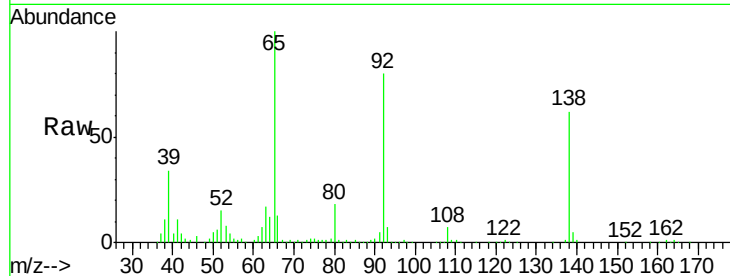
#52
 3-Nitroaniline
 Concen: 30.58 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 TP40-4FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	165319		
108	11.4	7.8	11.6	
92	128.5	87.8	131.8	

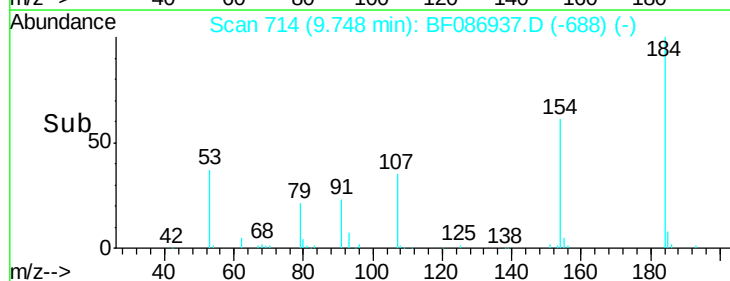
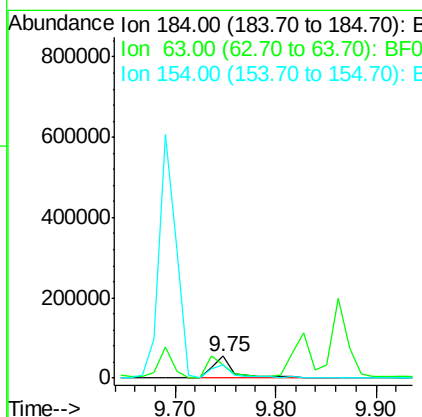
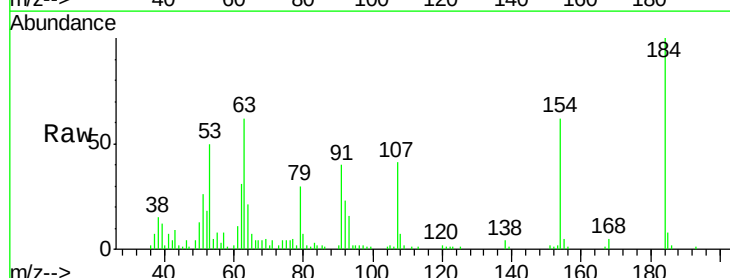
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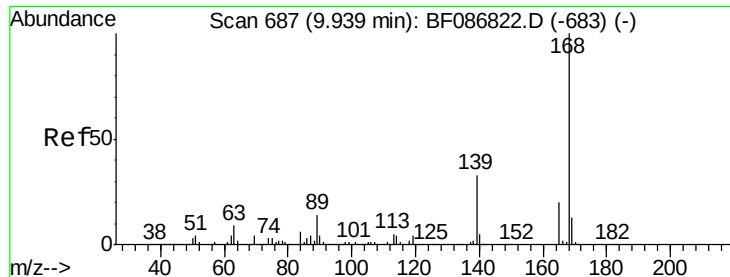
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#53
 2,4-Dinitrophenol
 Concen: 36.13 ng
 RT: 9.75 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	82557		
63	62.1	55.8	83.8	
154	61.7	62.4	93.6#	





#54

Dibenzofuran

Concen: 45.14 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF086937.D

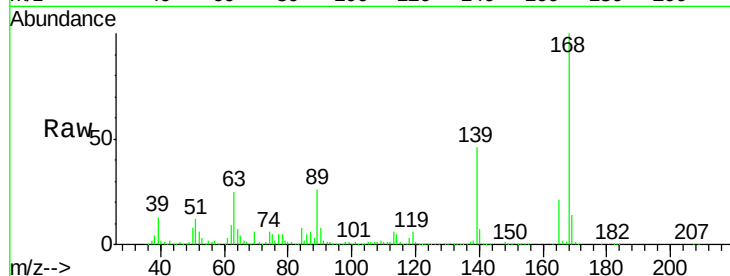
Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP40-4FTMSD



Tgt Ion:168 Resp: 1056506

Ion Ratio Lower Upper

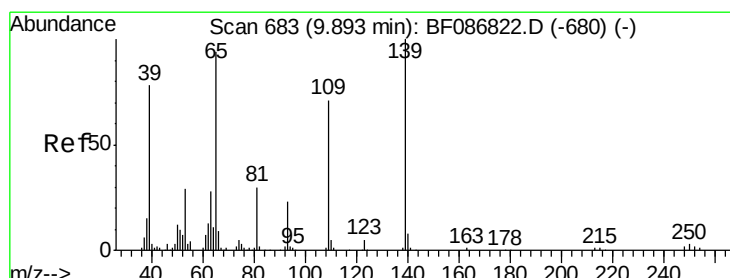
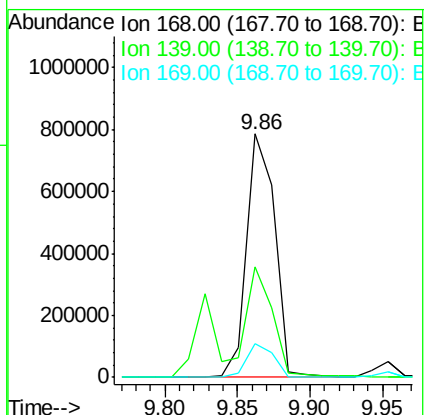
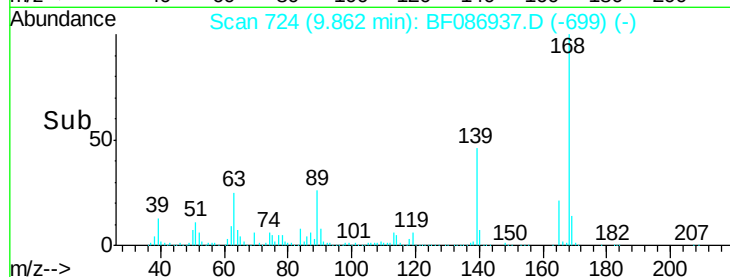
168 100

139 45.6 31.4 47.0

169 13.8 10.7 16.1

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#55

4-Nitrophenol

Concen: 72.74 ng

RT: 9.83 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

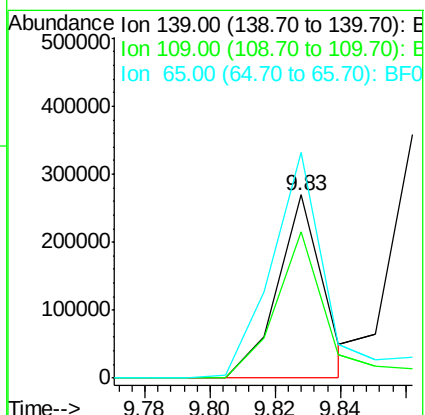
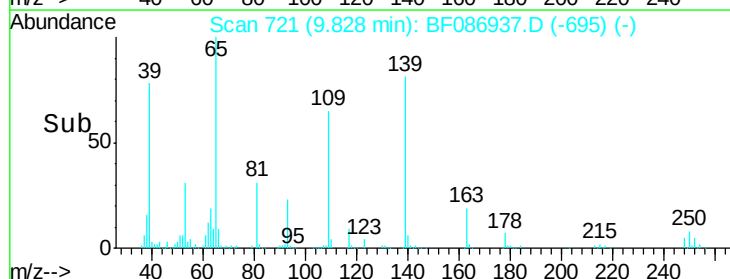
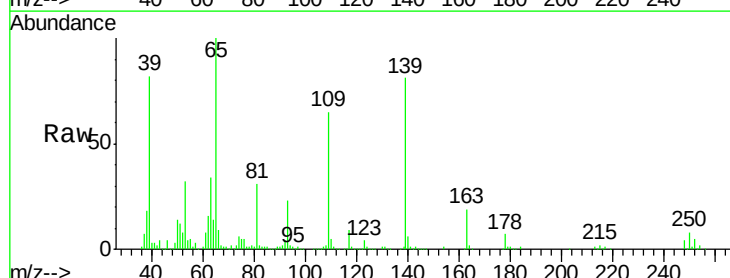
Tgt Ion:139 Resp: 260607

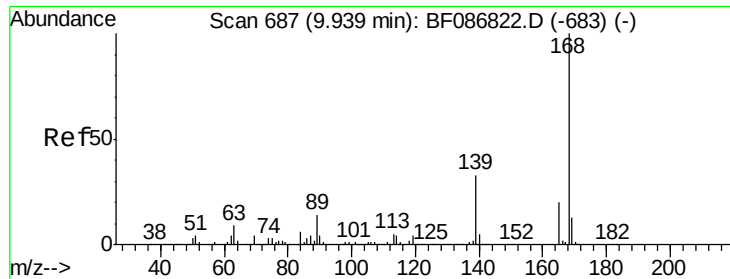
Ion Ratio Lower Upper

139 100

109 80.1 36.9 76.9#

65 123.4 64.0 104.0#





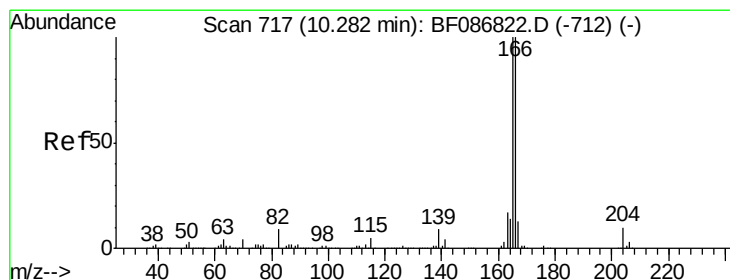
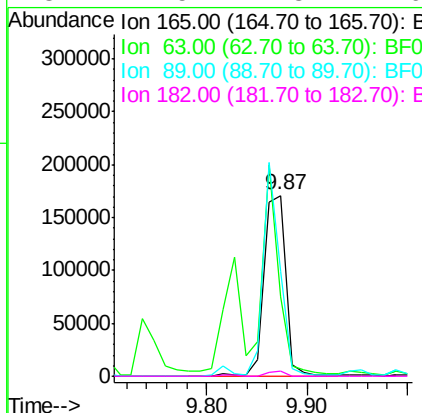
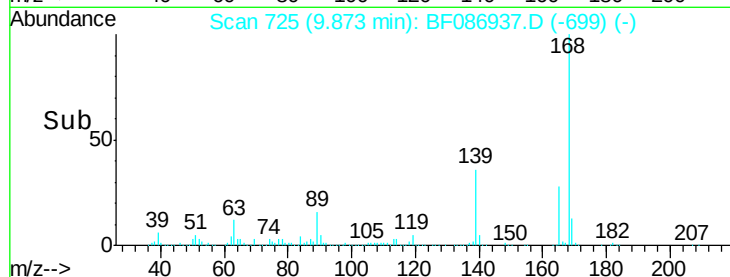
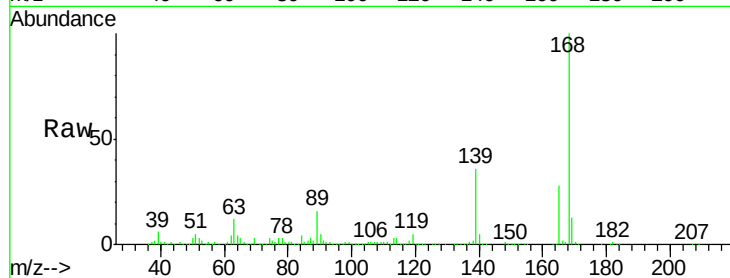
#56
 2,4-Dinitrotoluene
 Concen: 40.24 ng
 RT: 9.87 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 TP40-4FTMSD

Tgt	Ion	Ratio	Resp	Lower	Upper
165	100		255705		
63	44.1	44.3	66.5#		
89	58.0	70.0	105.0#		
182	2.5	1.8	2.6		

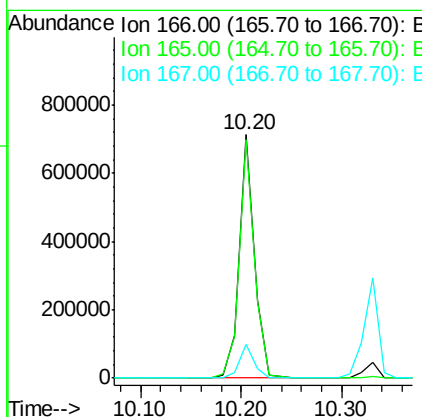
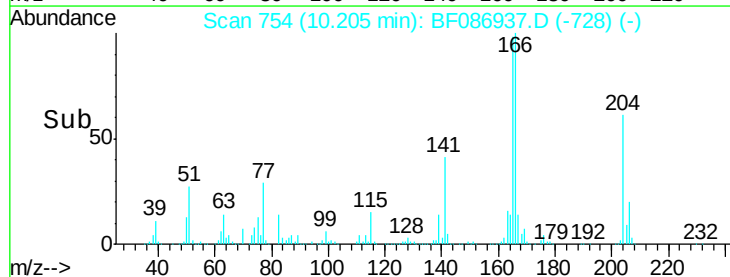
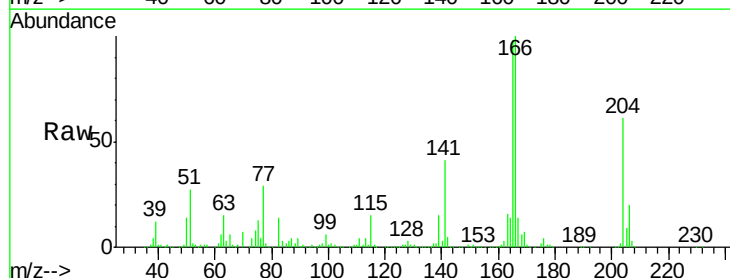
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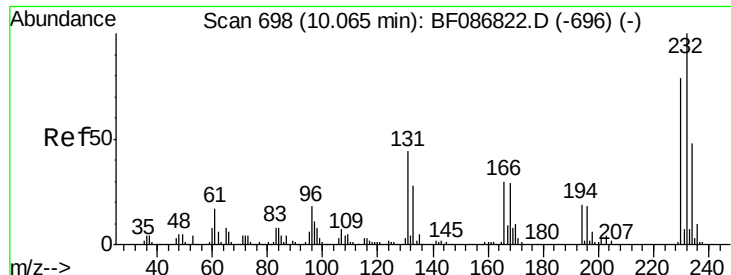
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#57
 Fluorene
 Concen: 37.54 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

Tgt	Ion	Ratio	Resp	Lower	Upper
166	100		749402		
165	97.8	79.0	118.6		
167	13.9	10.6	15.8		





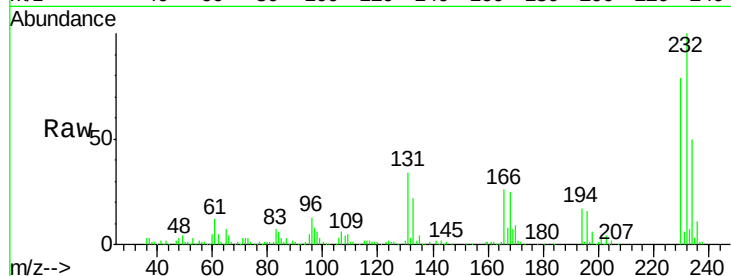
#58
2,3,4,6-Tetrachlorophenol
Concen: 43.60 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Instrument :
BNA_F
ClientSampleId :
TP40-4FTMSD

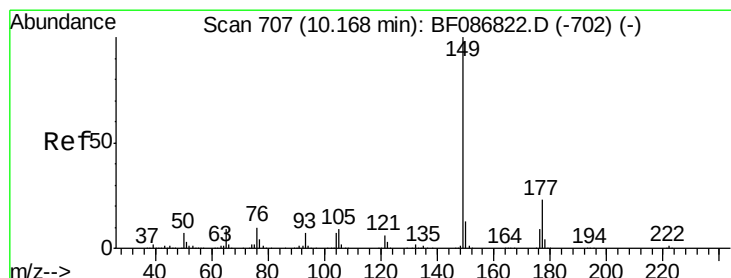
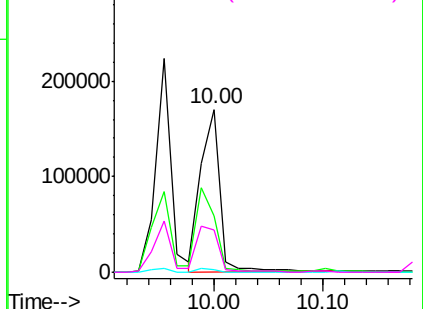
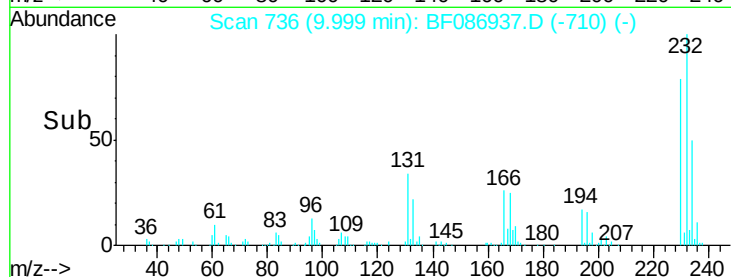
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	211053		
131	53.0	41.9	62.9	
130	2.8	2.2	3.4	
166	31.6	26.8	40.2	

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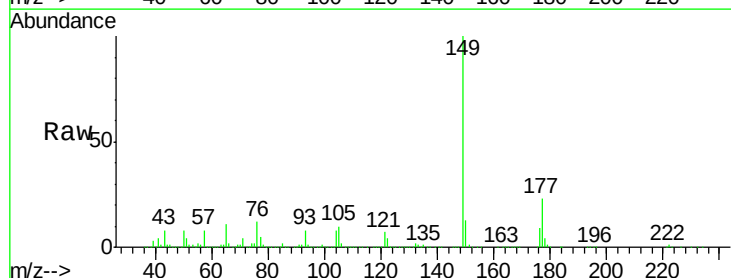


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

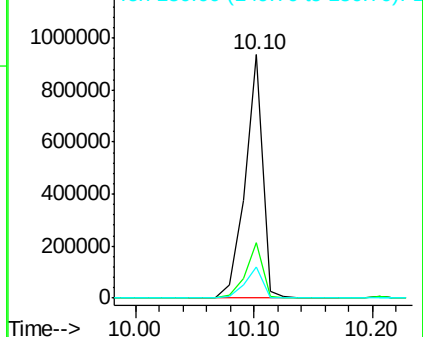
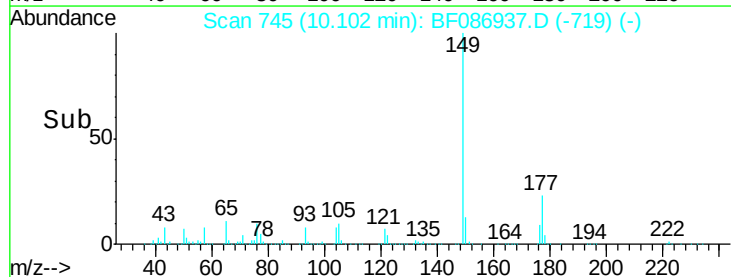


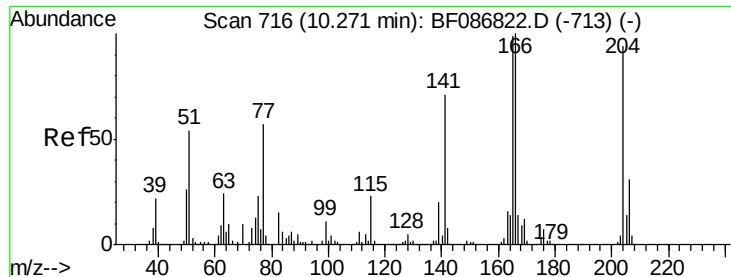
#59
Diethylphthalate
Concen: 40.55 ng
RT: 10.10 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	964092		
177	22.9	16.6	24.8	
150	12.8	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: 43.92 ng

RT: 10.20 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

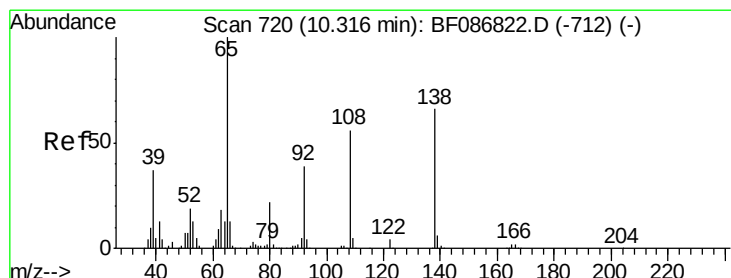
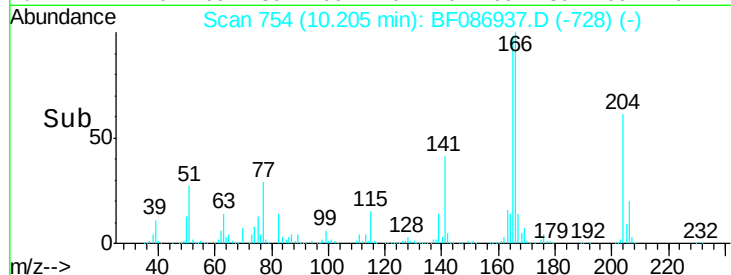
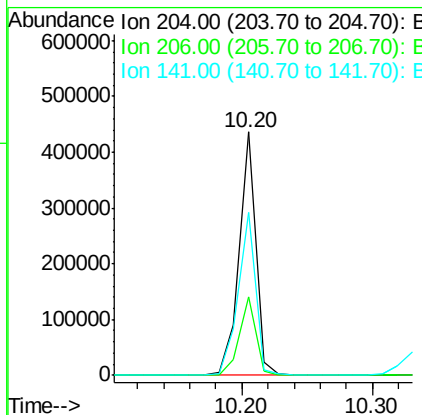
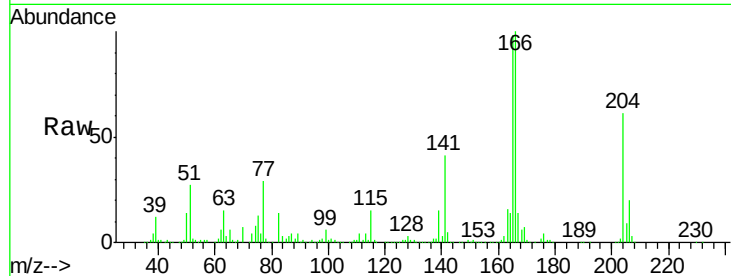
ClientSampleId :

TP40-4FTMSD

Tgt Ion:	204	Resp:	383757
Ion Ratio	Lower	Upper	
204	100		
206	32.3	25.4	38.0
141	67.0	61.6	92.4

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#61

4-Nitroaniline

Concen: 38.73 ng

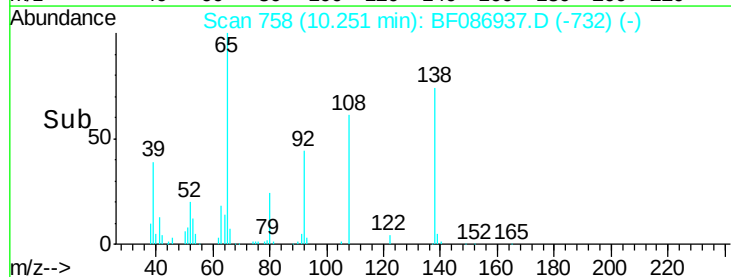
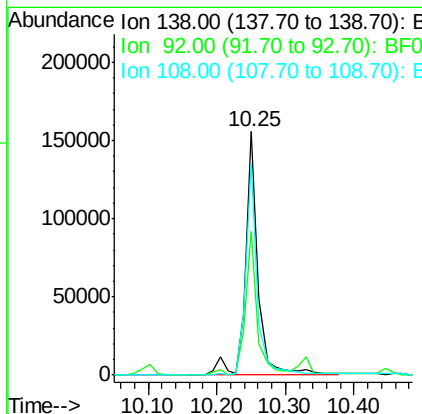
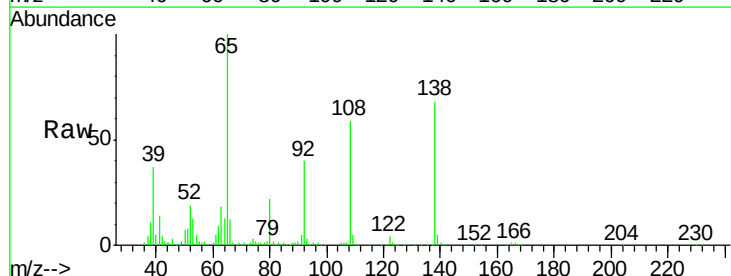
RT: 10.25 min Scan# 758

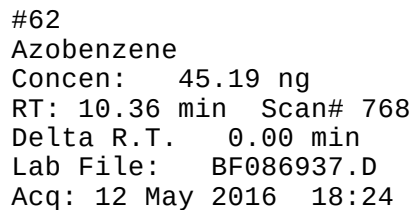
Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Tgt Ion:	138	Resp:	201065
Ion Ratio	Lower	Upper	
138	100		
92	59.1	24.7	64.7
108	86.9	37.4	77.4



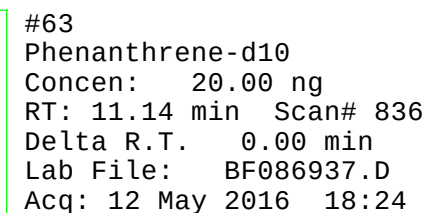
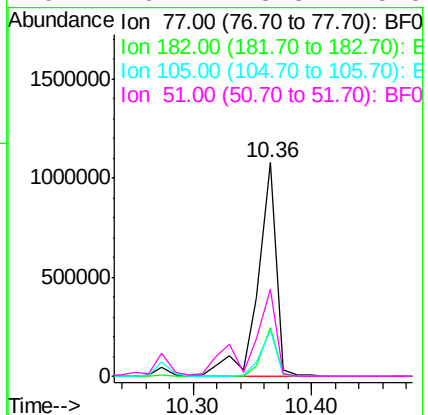


Instrument :
BNA_F
ClientSampleId :
TP40-4FTMSD

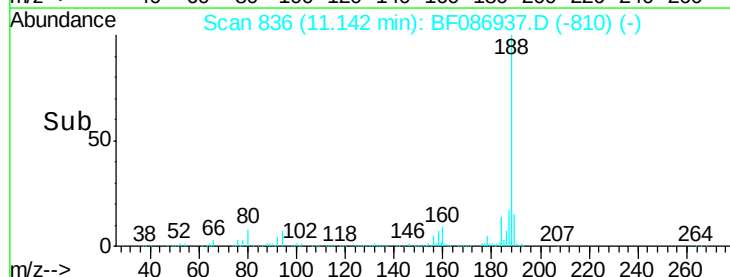
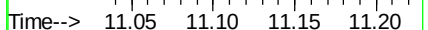
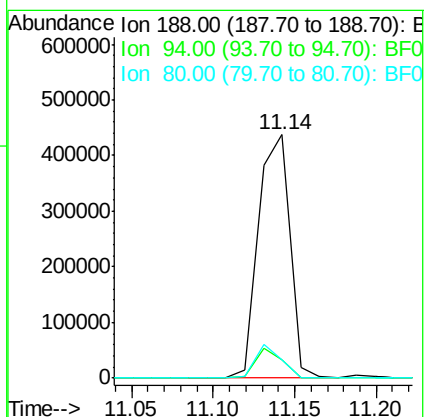
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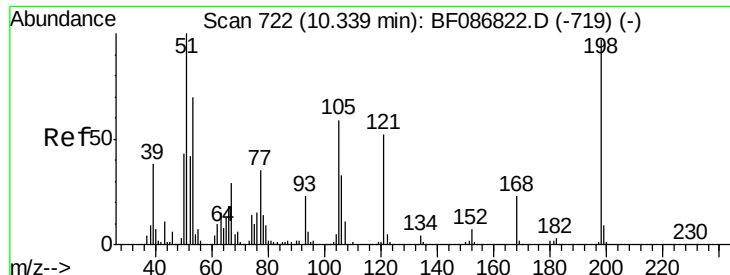
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Tgt	Ion: 77	Resp: 1159247	
Ion	Ratio	Lower	Upper
77	100		
182	22.6	0.0	38.8
105	21.9	3.2	43.2
51	40.7	8.8	48.8



Tgt	Ion:188	Resp:	587890
Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.8	10.2
80	7.7	7.1	10.7





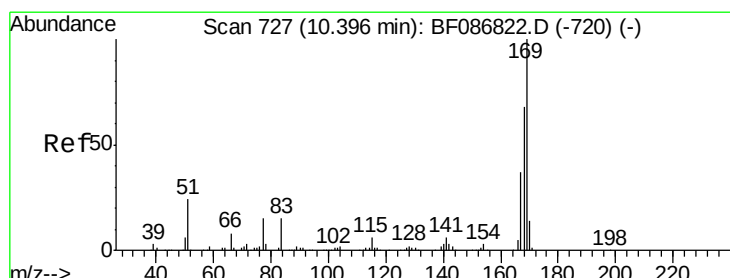
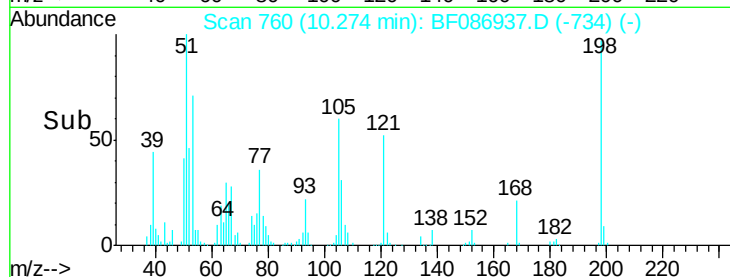
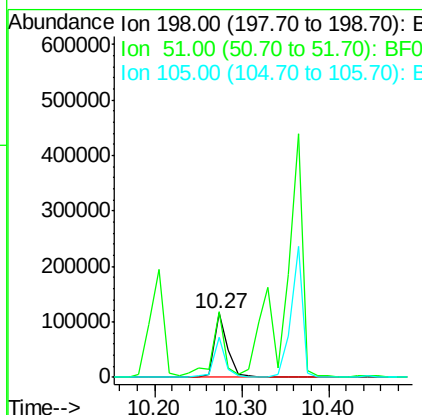
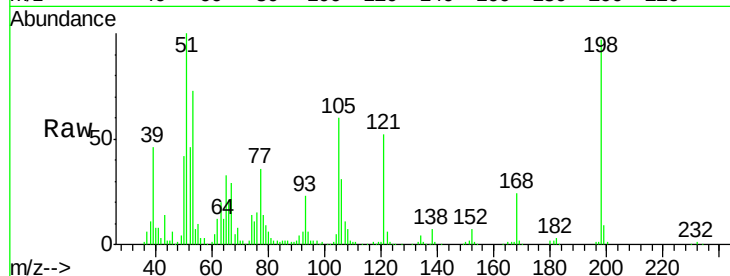
#64
4,6-Dinitro-2-methylphenol
Concen: 34.72 ng
RT: 10.27 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Instrument :
BNA_F
ClientSampleId :
TP40-4FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	126812		
51	103.4	20.5	60.5#	
105	61.9	24.5	64.5	

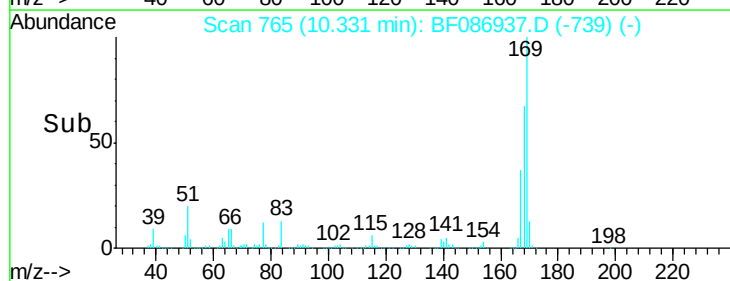
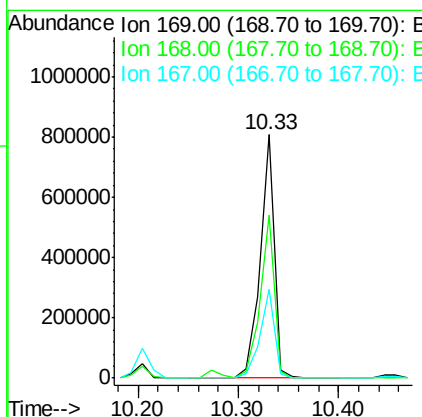
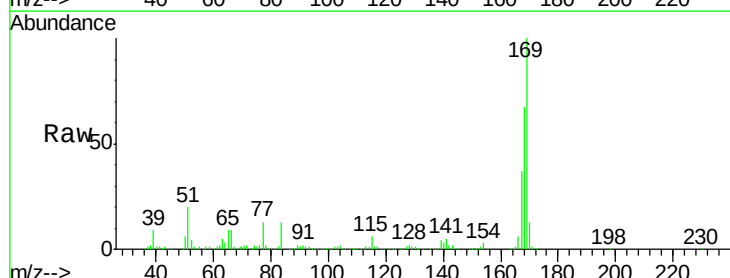
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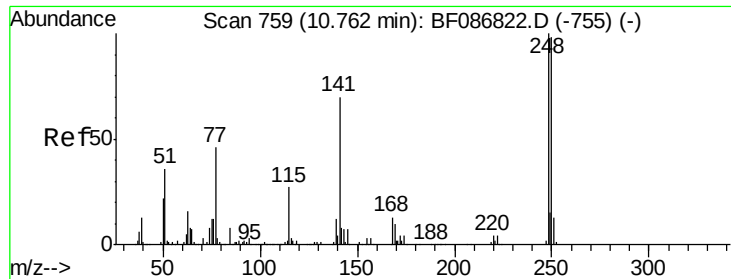
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#65
n-Nitrosodiphenylamine
Concen: 43.71 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	789425		
168	67.1	53.8	80.6	
167	36.6	29.5	44.3	





#66

4-Bromophenyl-phenylether

Concen: 38.54 ng

RT: 10.69 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

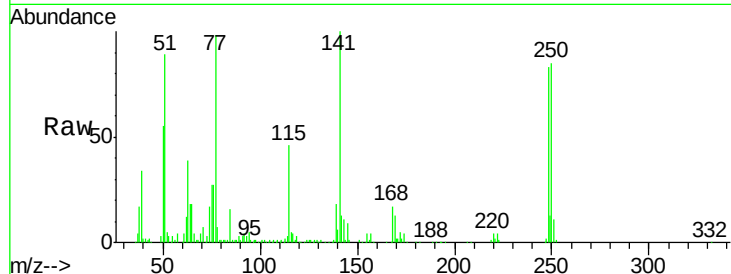
ClientSampleId :

TP40-4FTMSD

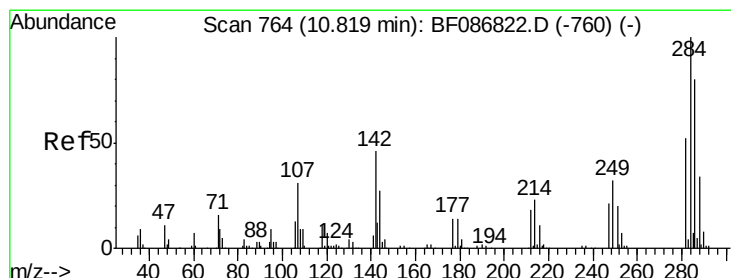
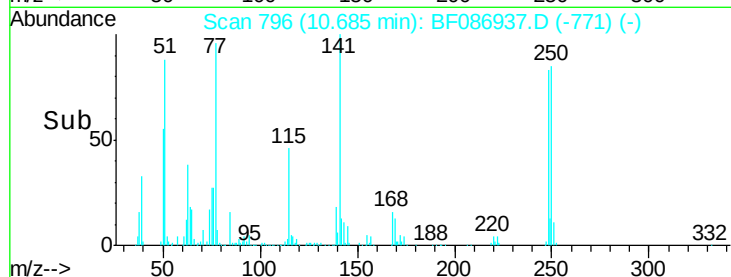
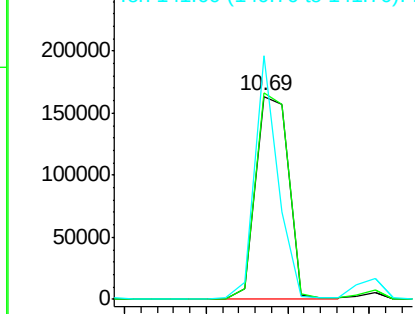
Tgt Ion:	248	Resp:	229712
Ion Ratio	Lower	Upper	
248	100		
250	101.8	78.6	117.8
141	120.1	76.0	114.0#

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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: 45.65 ng

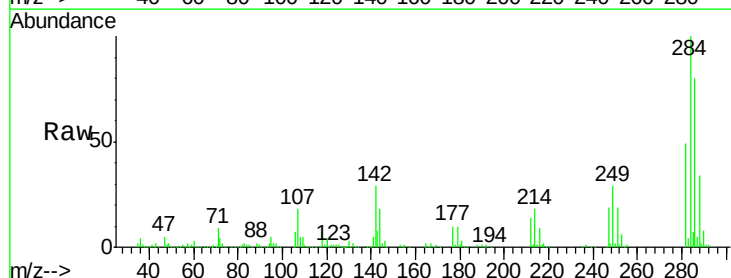
RT: 10.75 min Scan# 802

Delta R.T. 0.00 min

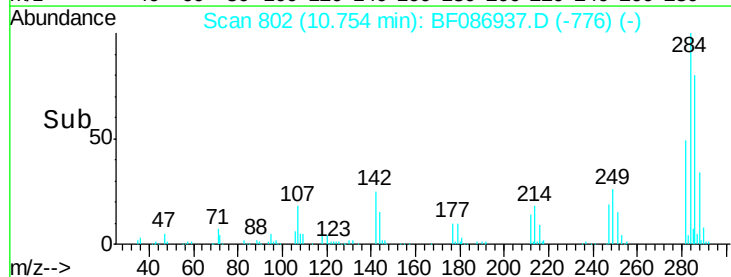
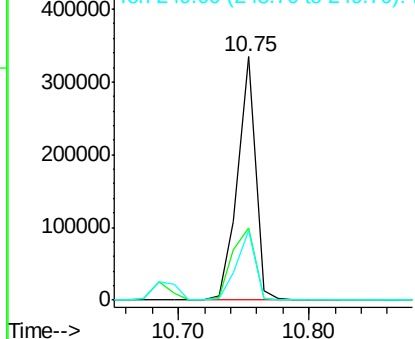
Lab File: BF086937.D

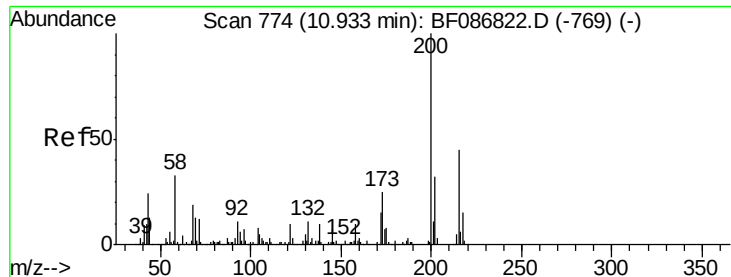
Acq: 12 May 2016 18:24

Tgt Ion:	284	Resp:	318026
Ion Ratio	Lower	Upper	
284	100		
142	29.4	16.7	25.1#
249	28.6	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





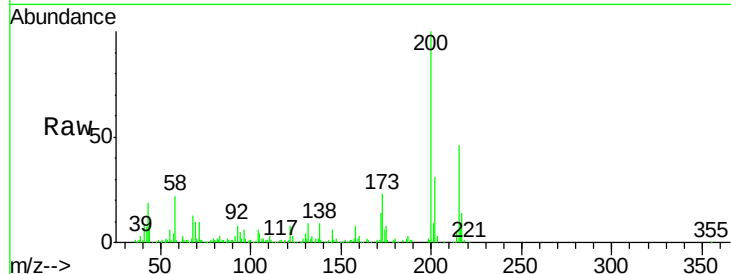
#68
Atrazine
Concen: 41.33 ng
RT: 10.87 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Instrument :
BNA_F
ClientSampleId :
TP40-4FTMSD

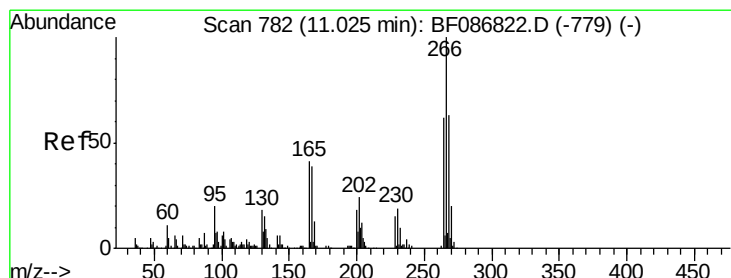
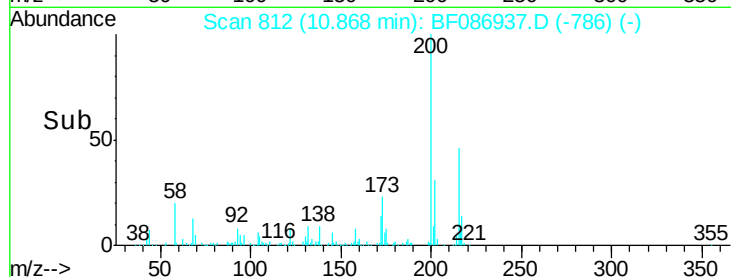
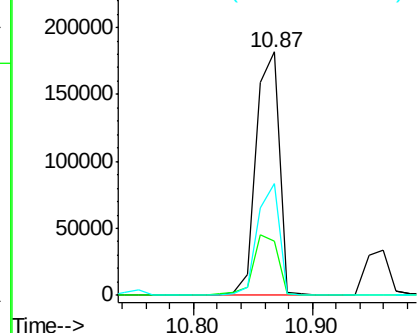
Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.5	8.5	48.5
215	45.7	27.2	67.2

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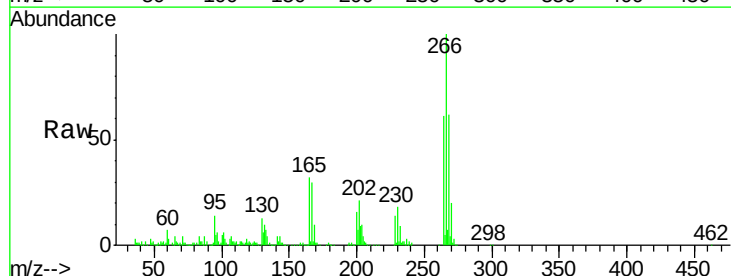


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

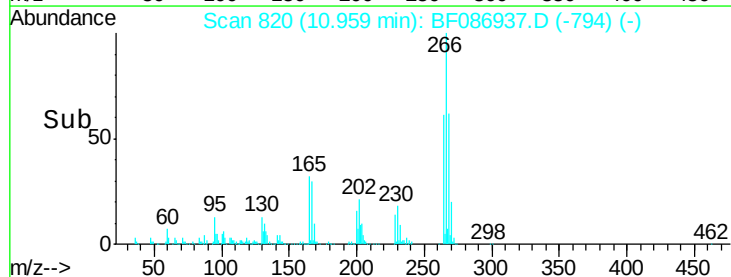
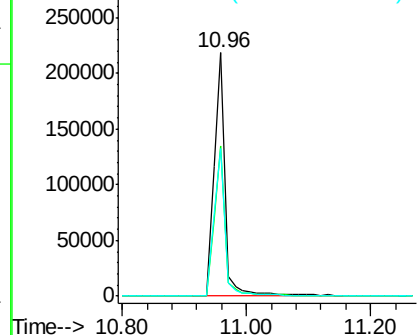


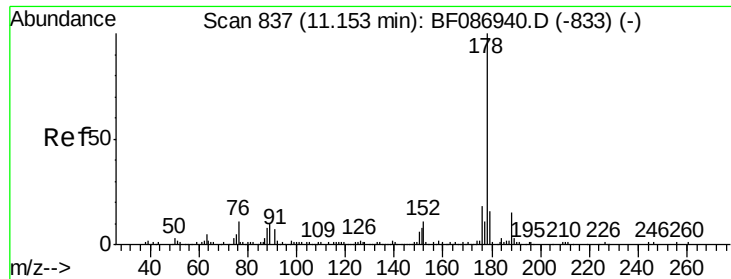
#69
Pentachlorophenol
Concen: 83.47 ng
RT: 10.96 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	61.8	51.5	77.3
264	60.9	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





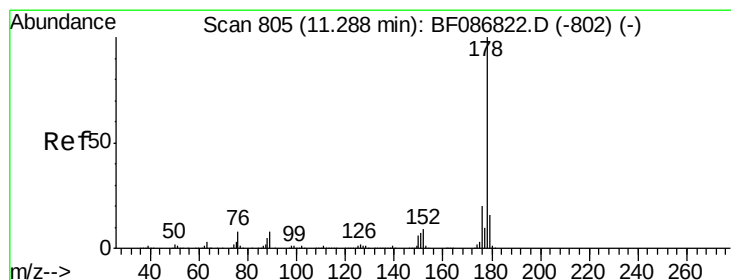
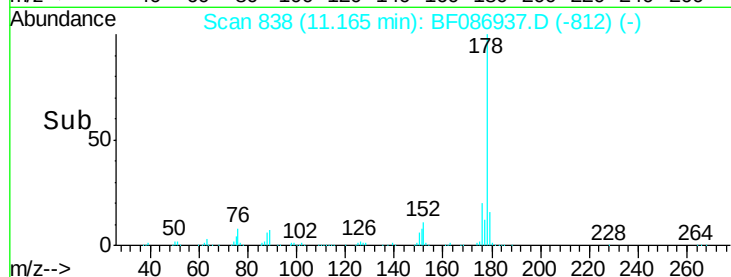
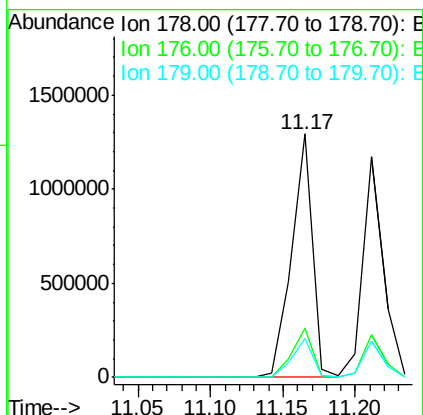
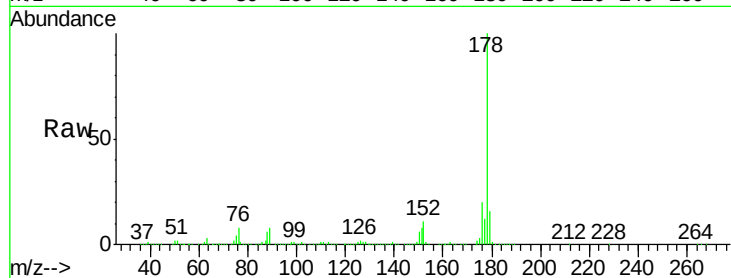
#70
Phenanthrene
Concen: 41.03 ng
RT: 11.17 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Instrument :
BNA_F
ClientSampleId :
TP40-4FTMSD

Tgt Ion:178 Resp: 1287361
Ion Ratio Lower Upper
178 100
176 20.4 16.0 24.0
179 16.0 12.6 18.8

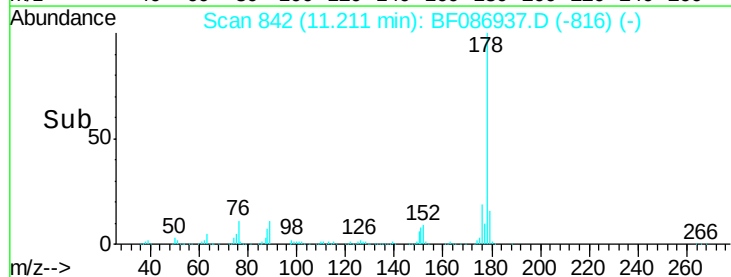
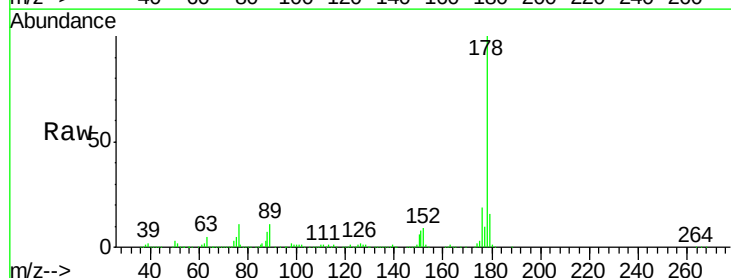
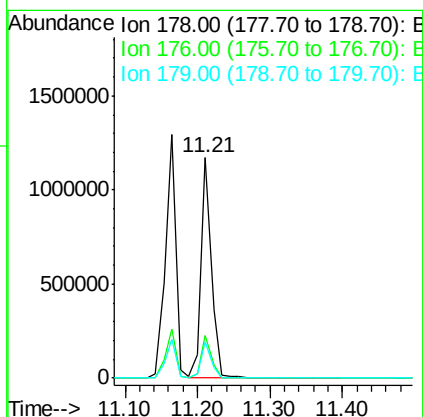
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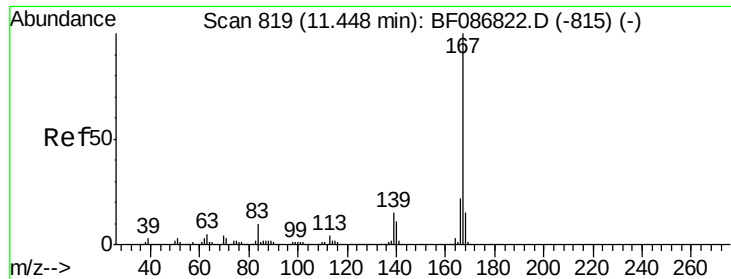
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#71
Anthracene
Concen: 36.29 ng
RT: 11.21 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Tgt Ion:178 Resp: 1164339
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 16.4 12.7 19.1





#72

Carbazole

Concen: 41.60 ng

RT: 11.38 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF086937.D

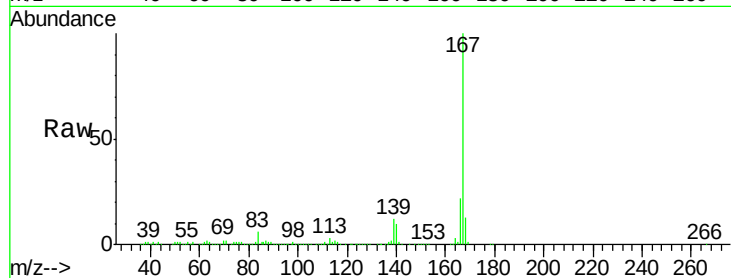
Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP40-4FTMSD



Tgt Ion:167 Resp: 1147484

Ion Ratio Lower Upper

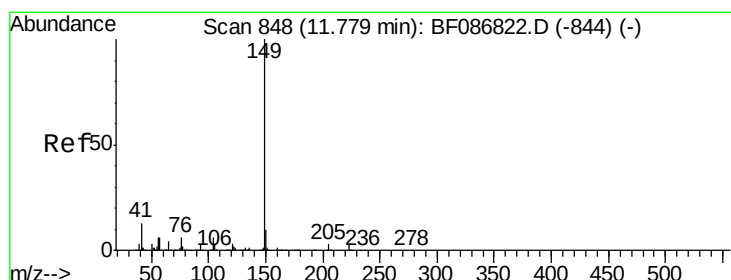
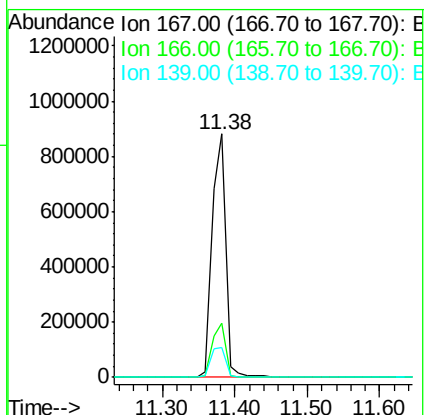
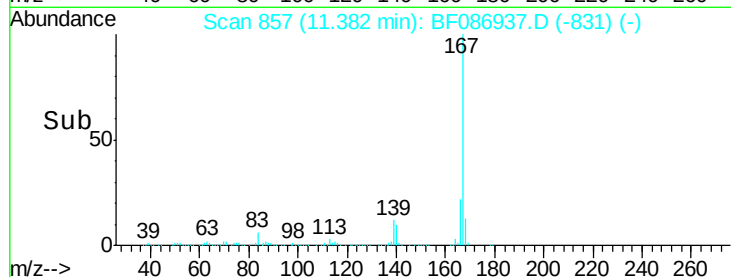
167 100

166 22.3 17.7 26.5

139 12.4 10.8 16.2

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#73

Di-n-butylphthalate

Concen: 40.85 ng

RT: 11.71 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

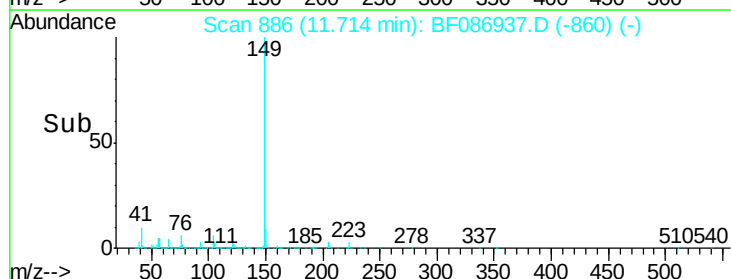
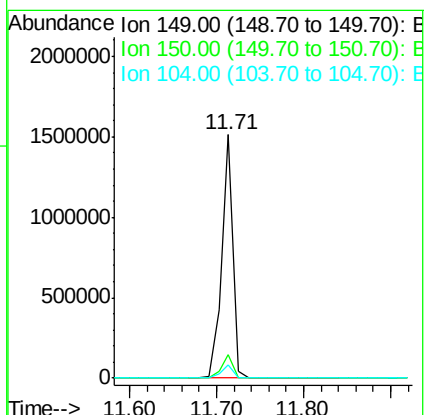
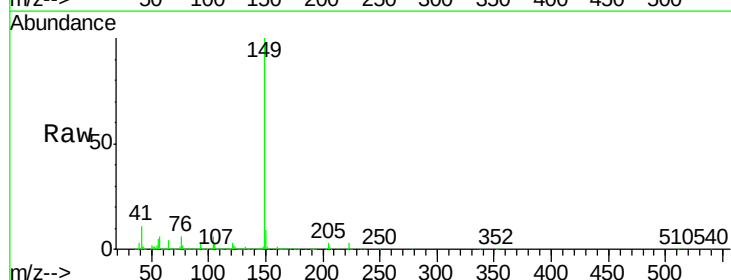
Tgt Ion:149 Resp: 1376034

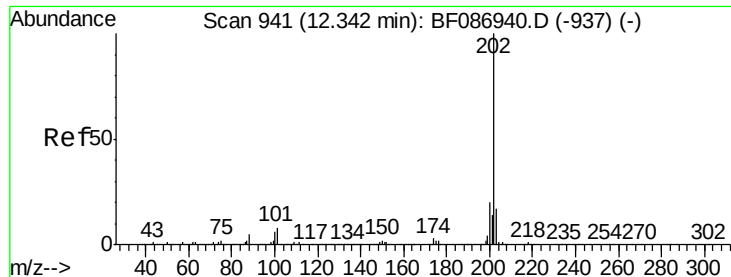
Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

104 5.6 3.8 5.6





#74

Fluoranthene

Concen: 37.42 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

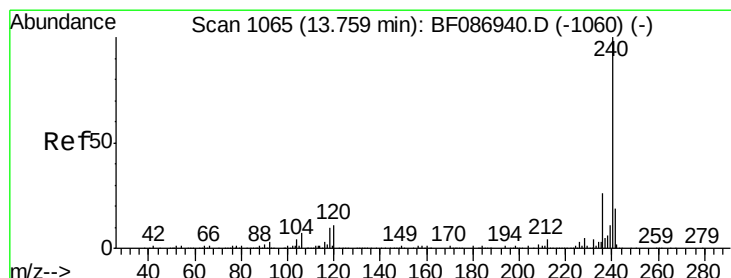
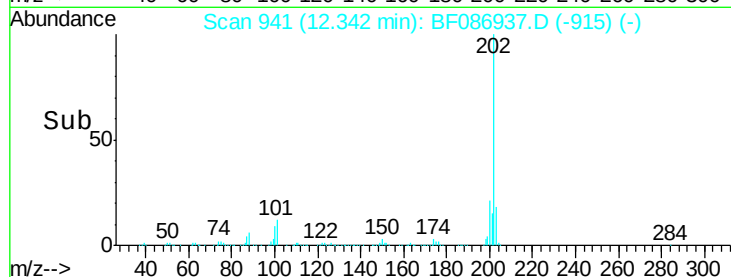
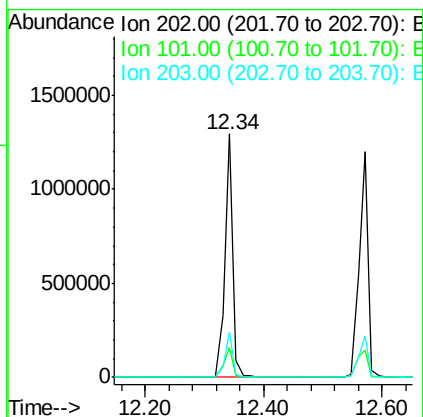
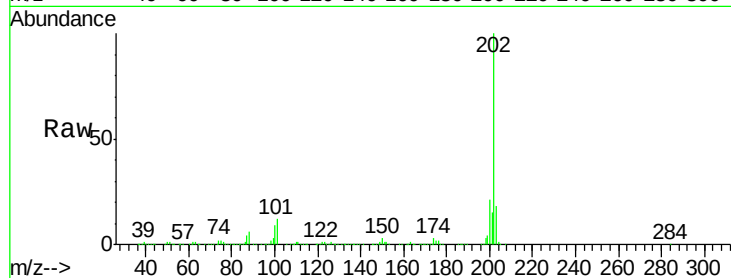
ClientSampleId :

TP40-4FTMSD

Tgt	Ion:202	Resp:	1207394
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	35.4
203	18.4	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

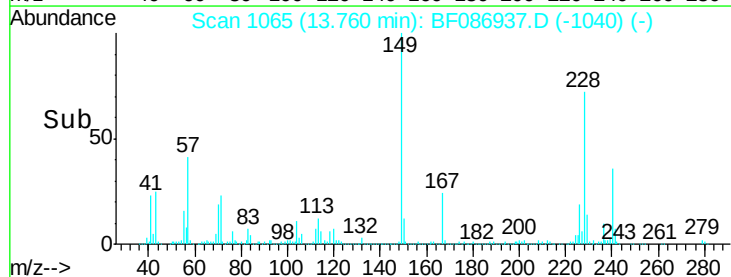
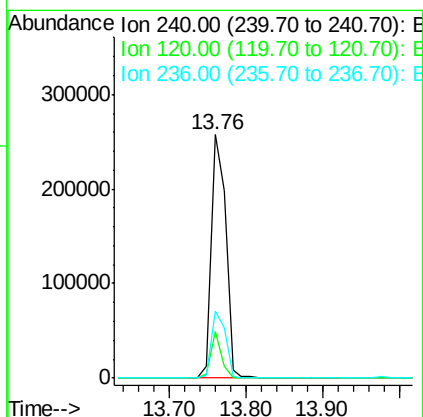
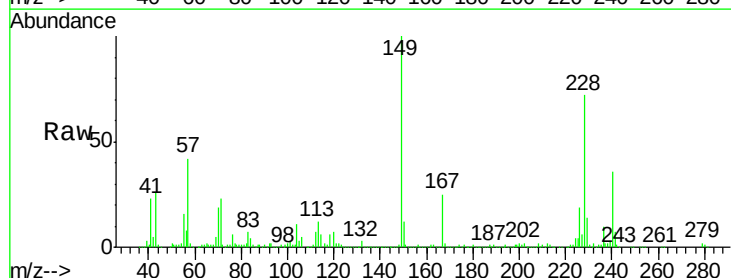
RT: 13.76 min Scan# 1065

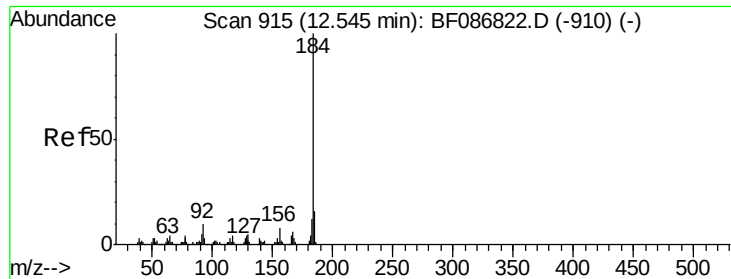
Delta R.T. -0.01 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Tgt	Ion:240	Resp:	332684
Ion	Ratio	Lower	Upper
240	100		
120	18.9	11.2	16.8#
236	27.7	21.2	31.8





#76

Benzidine

Concen: 41.03 ng

RT: 12.48 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

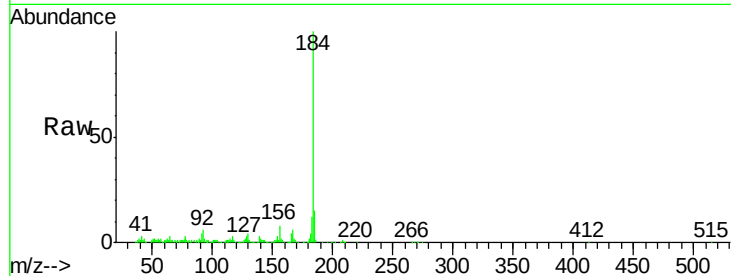
ClientSampleId :

TP40-4FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	347988		
185	14.7		13.6	20.4
183	11.8		9.8	14.6

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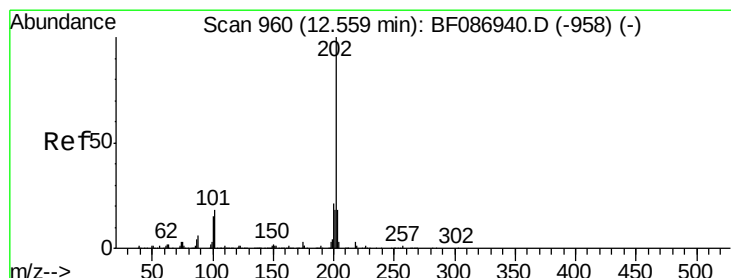
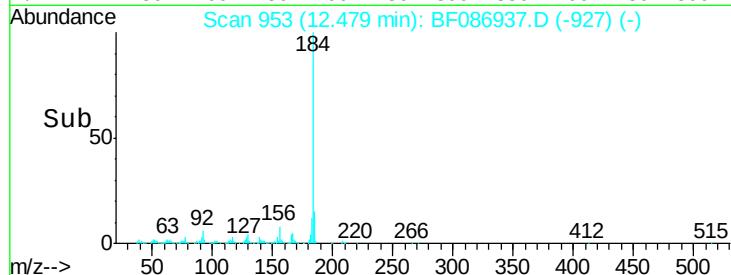
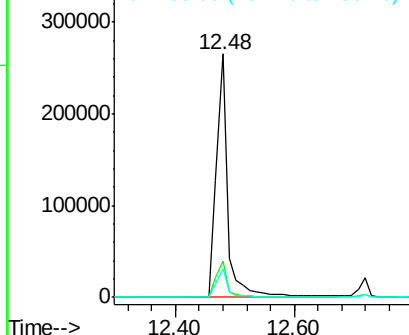
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 49.03 ng

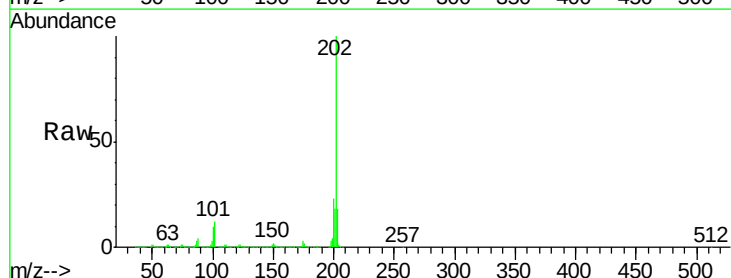
RT: 12.57 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

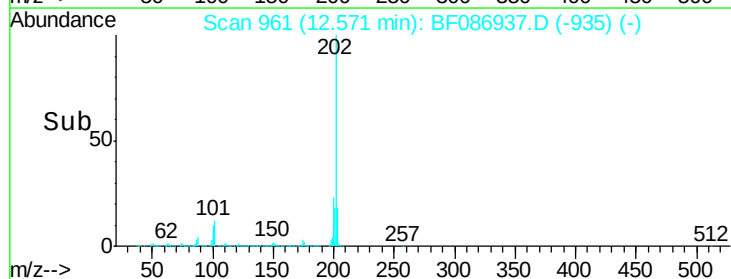
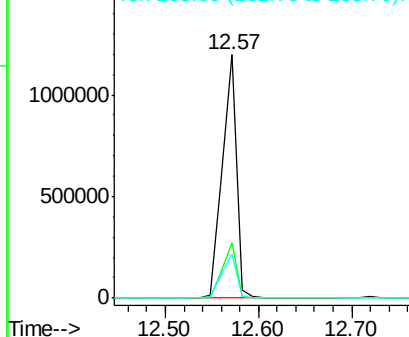
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1248778		
200	22.8		17.7	26.5
203	18.1		14.2	21.4

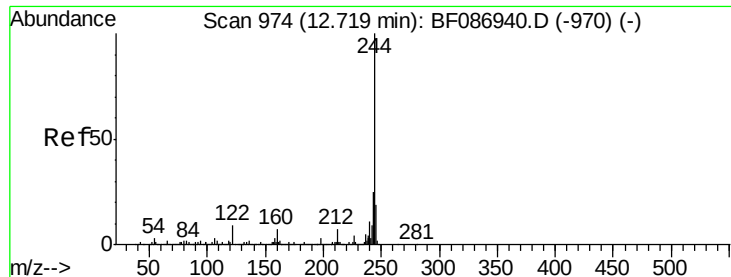


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 79.13 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF086937.D

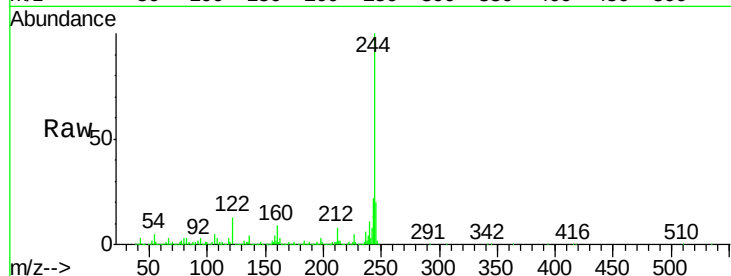
Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

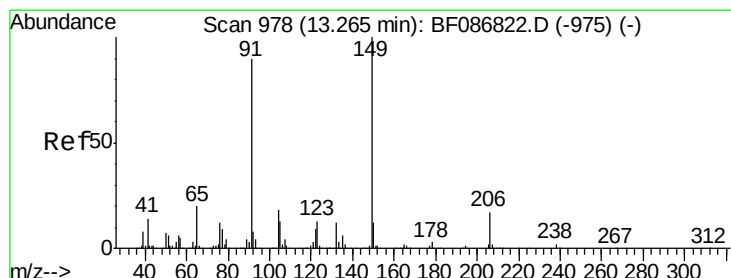
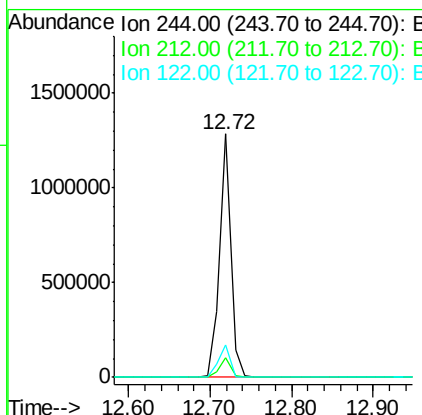
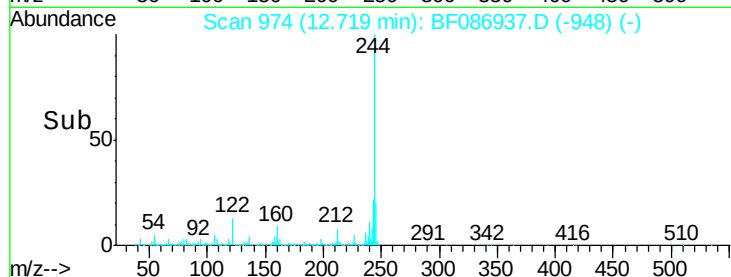
TP40-4FTMSD



Tgt Ion:	244	Resp:	1240747
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.2	9.2
122	13.1	12.0	18.0

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#79

Butylbenzylphthalate

Concen: 48.08 ng

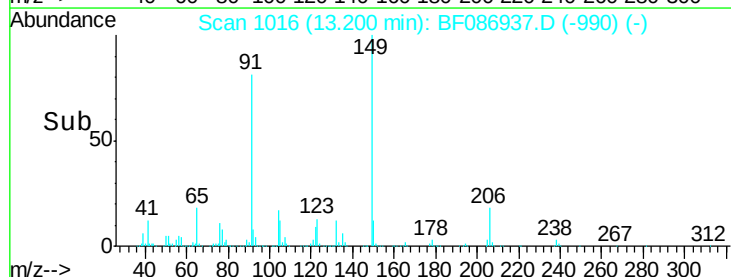
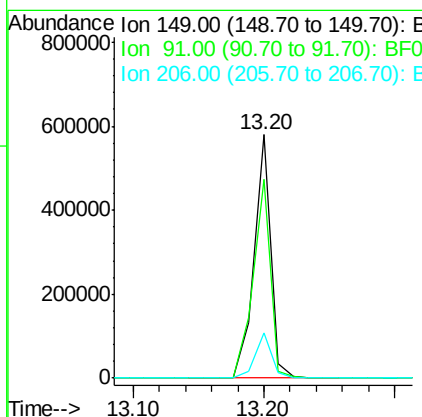
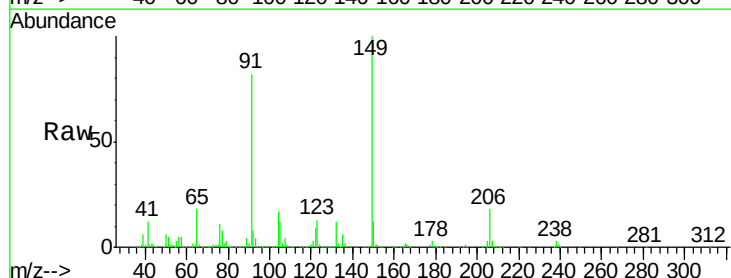
RT: 13.20 min Scan# 1016

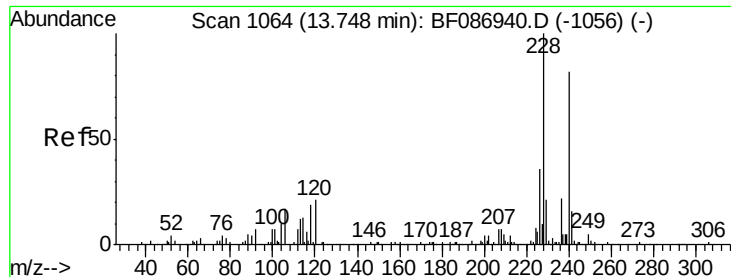
Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Tgt Ion:	149	Resp:	517999
Ion Ratio	Lower	Upper	
149	100		
91	81.6	48.0	72.0#
206	18.4	15.8	23.6





#80

Benzo(a)anthracene

Concen: 44.19 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

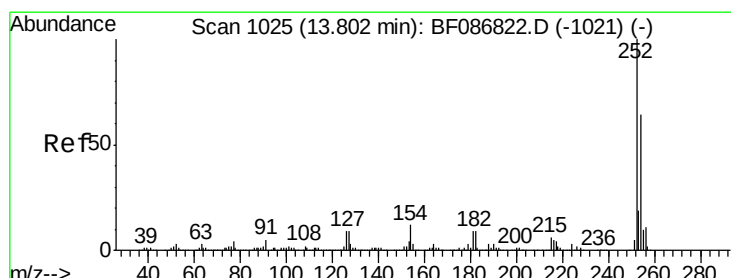
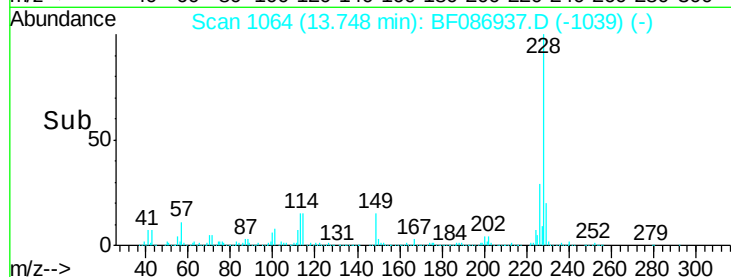
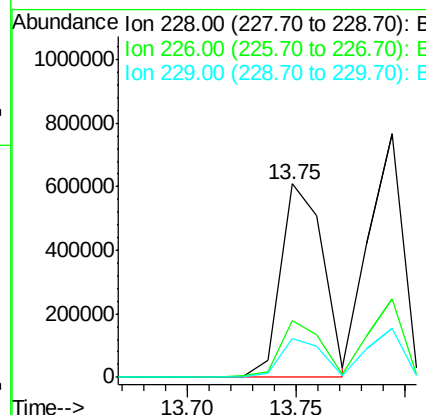
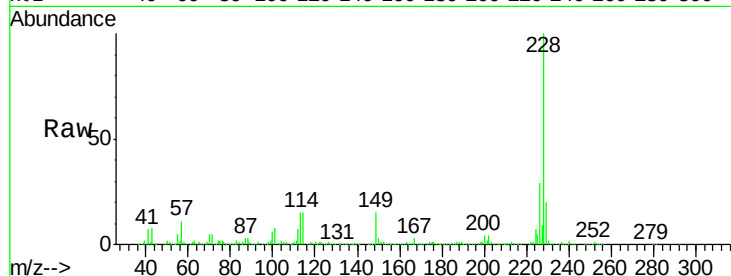
ClientSampleId :

TP40-4FTMSD

Tgt Ion:	228	Resp:	825369
Ion Ratio	Lower	Upper	
228	100		
226	29.5	22.5	33.7
229	20.2	16.6	25.0

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#81

3,3'-Dichlorobenzidine

Concen: 17.45 ng

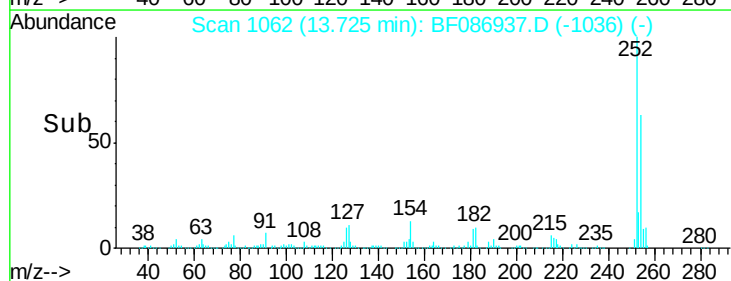
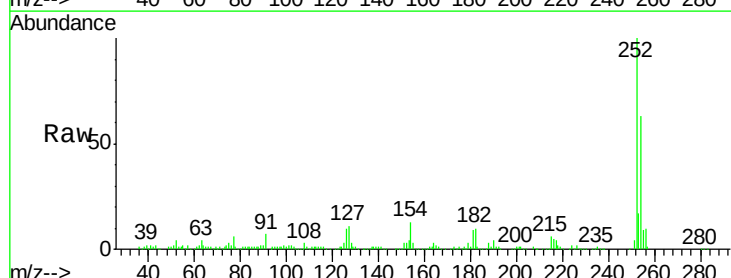
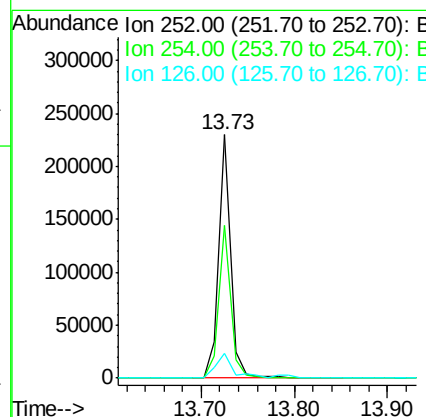
RT: 13.73 min Scan# 1062

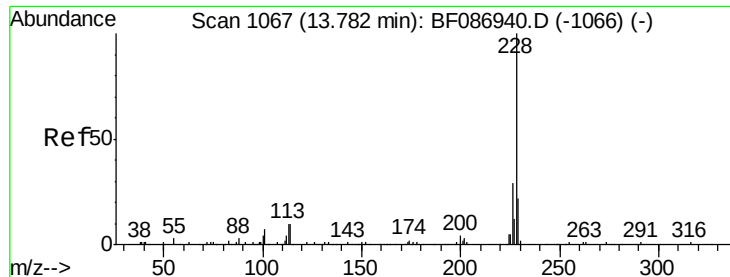
Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Tgt Ion:	252	Resp:	207005
Ion Ratio	Lower	Upper	
252	100		
254	62.9	50.7	76.1
126	10.2	12.7	19.1#





#82

Chrysene

Concen: 45.01 ng

RT: 13.79 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

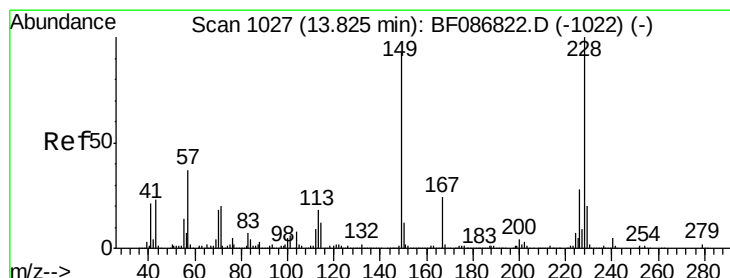
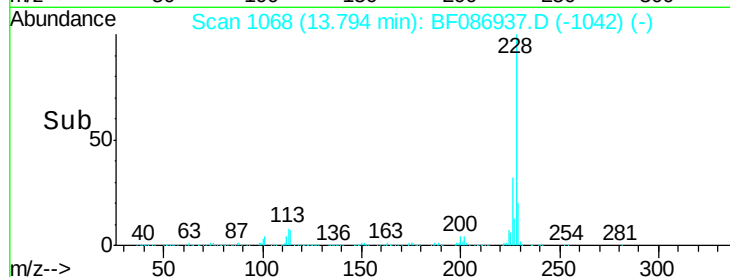
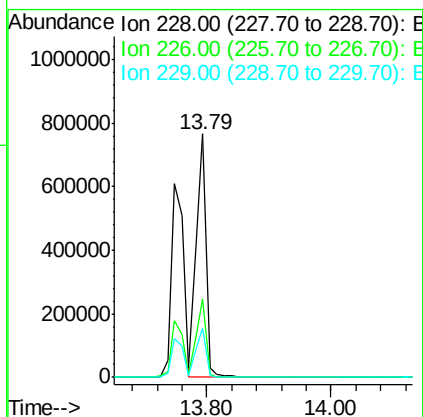
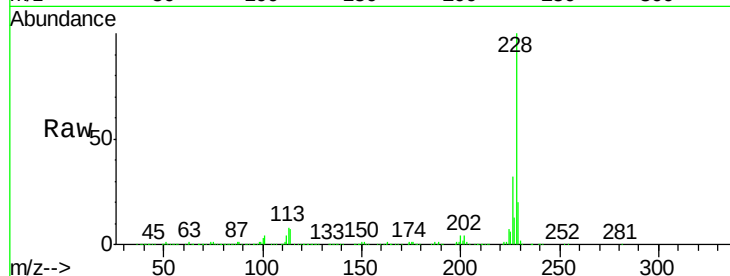
ClientSampleId :

TP40-4FTMSD

Tgt Ion:	228	Resp:	855115
Ion Ratio	Lower	Upper	
228	100		
226	32.3	24.4	36.6
229	20.2	15.8	23.8

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#83

Bis(2-ethylhexyl)phthalate

Concen: 47.53 ng

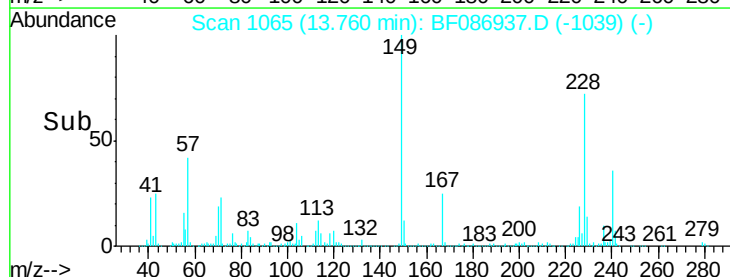
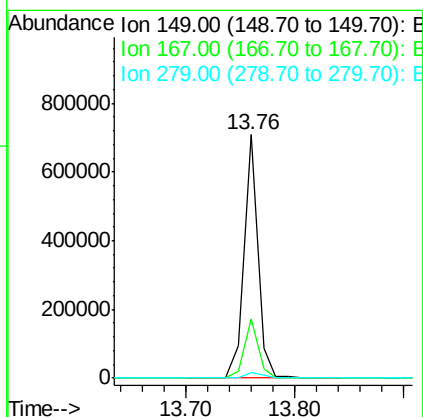
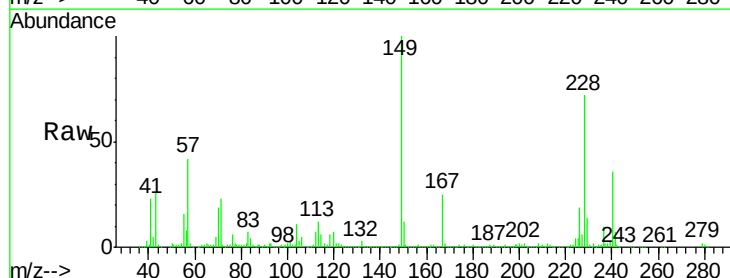
RT: 13.76 min Scan# 1065

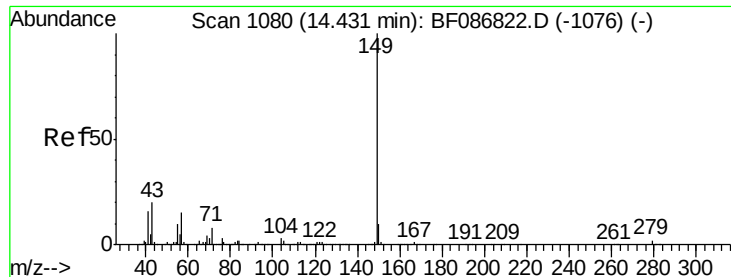
Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Tgt Ion:	149	Resp:	615983
Ion Ratio	Lower	Upper	
149	100		
167	24.6	21.8	32.6
279	2.4	2.6	4.0#





#84

Di-n-octyl phthalate

Concen: 43.12 ng

RT: 14.37 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

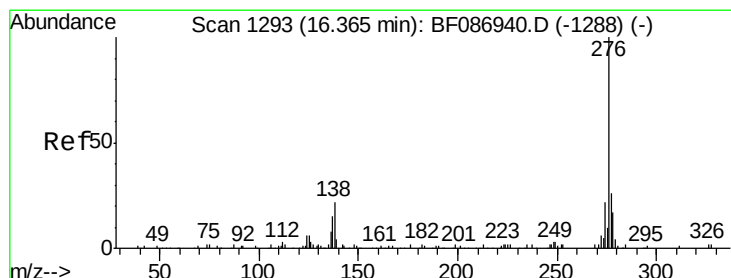
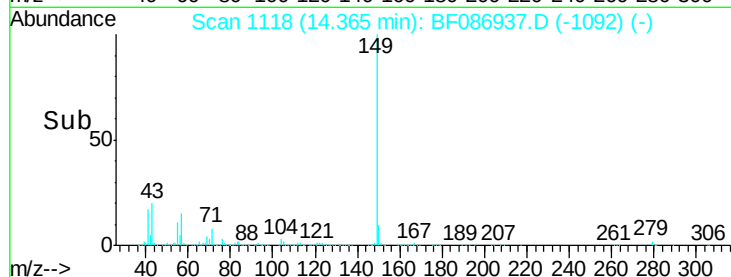
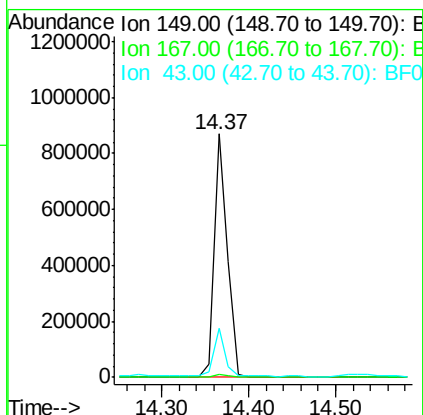
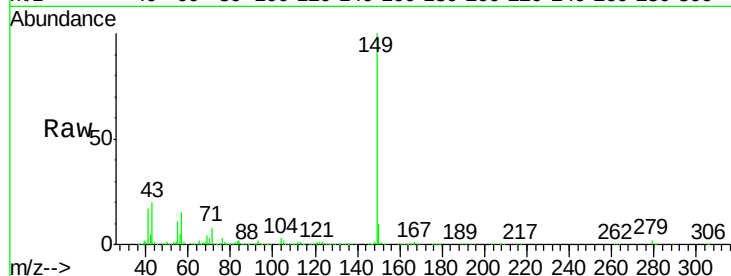
ClientSampleId :

TP40-4FTMSD

Tgt Ion:	149	Resp:	925611
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	16.9	8.2	12.4#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 50.70 ng

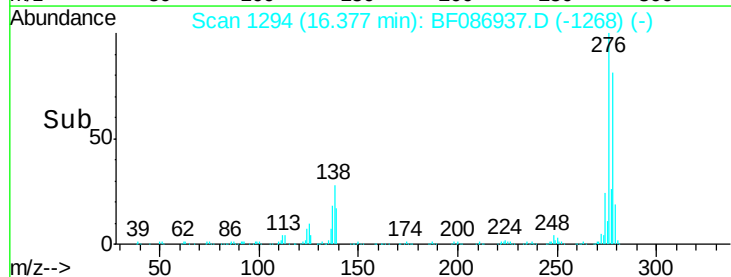
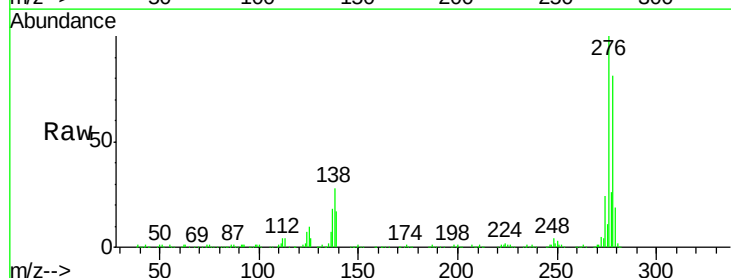
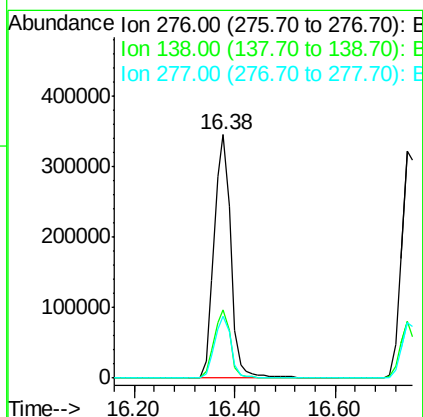
RT: 16.38 min Scan# 1294

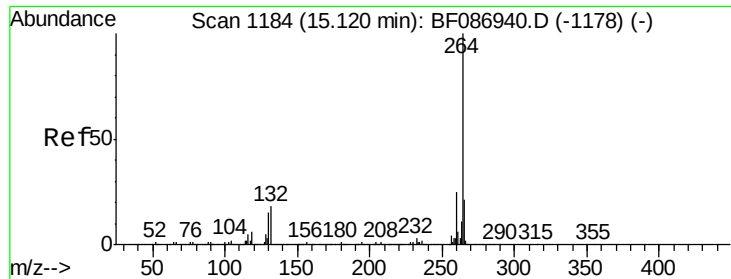
Delta R.T. 0.00 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Tgt Ion:	276	Resp:	801321
Ion Ratio	Lower	Upper	
276	100		
138	27.4	25.6	38.4
277	25.2	20.5	30.7





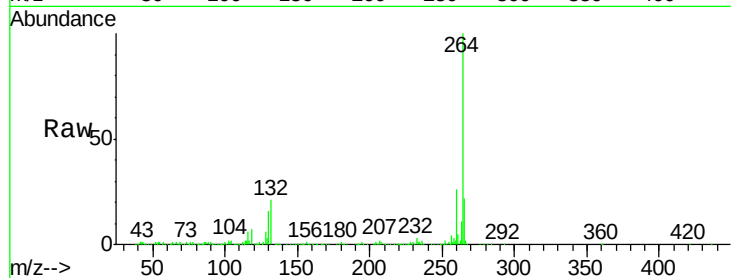
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Instrument :
BNA_F
ClientSampleId :
TP40-4FTMSD

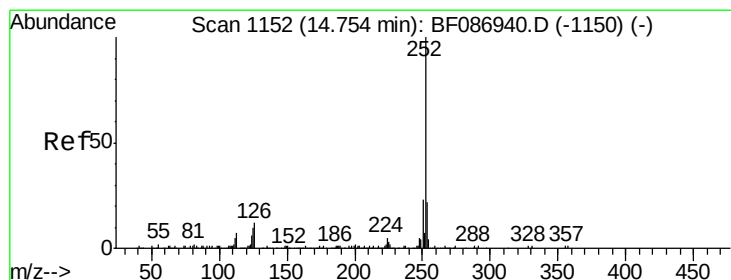
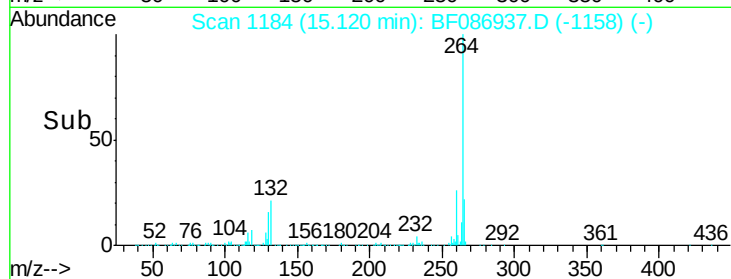
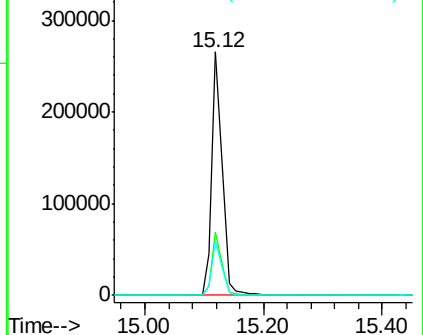
Tgt Ion	Ratio	Resp	Lower	Upper
264	100	319811		
260	25.7	19.5	29.3	
265	22.0	17.3	25.9	

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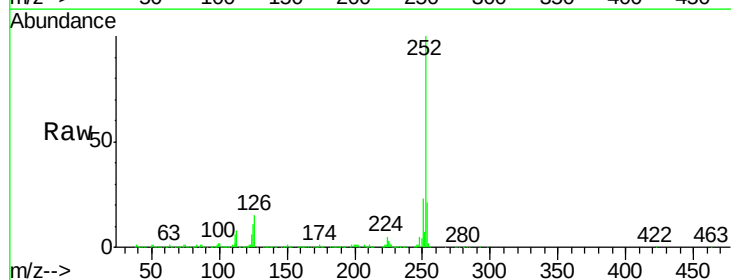


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

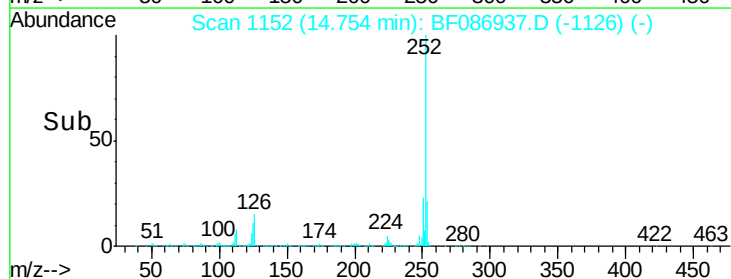
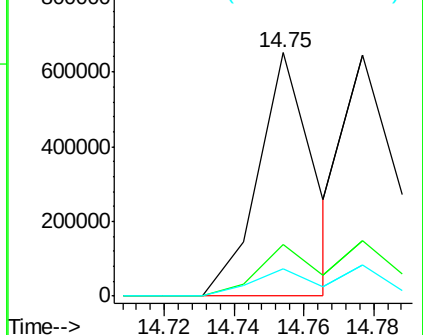


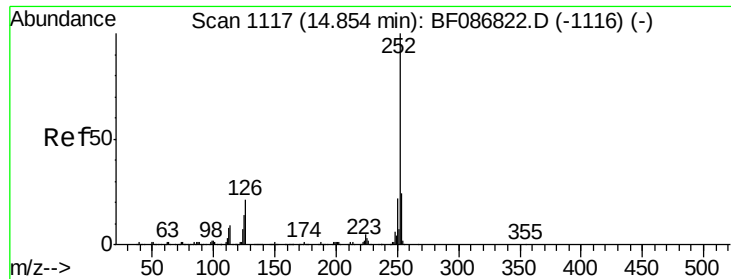
#87
Benzo(b)fluoranthene
Concen: 34.78 ng m
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	722967		
253	21.5	17.8	26.6	
125	11.3	11.4	17.0	



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





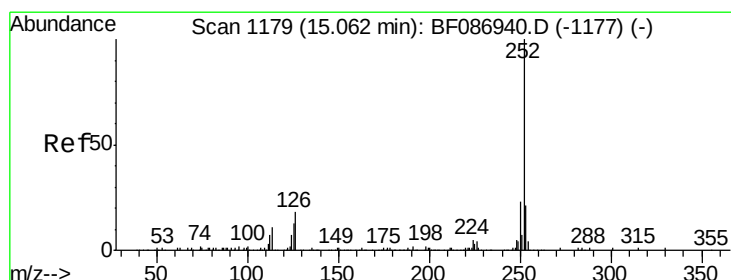
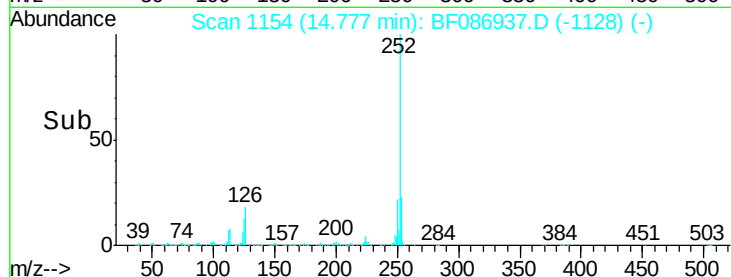
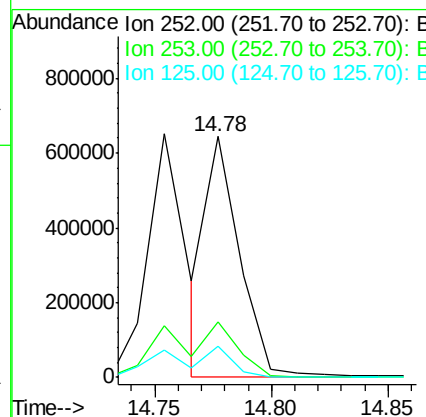
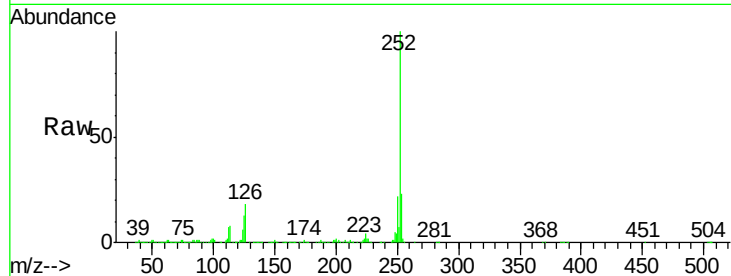
#88
Benzo(k)fluoranthene
Concen: 38.86 ng m
RT: 14.78 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Instrument :
BNA_F
ClientSampleId :
TP40-4FTMSD

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		661272		
253	22.9	17.8	26.6		
125	12.9	9.1	13.7		

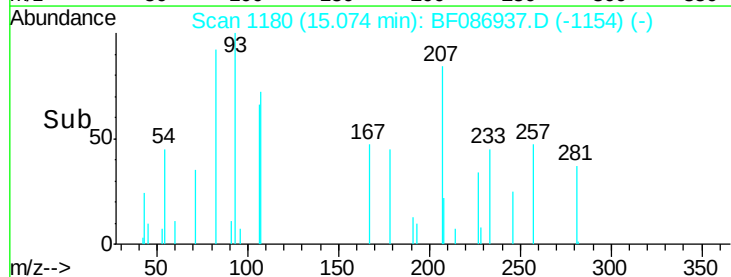
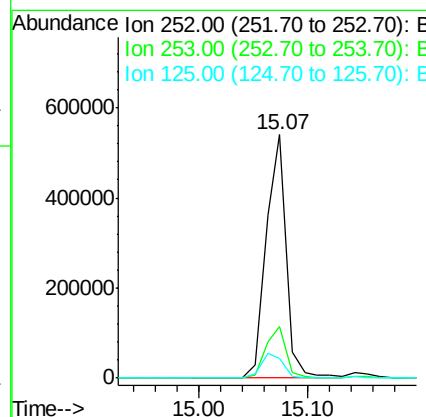
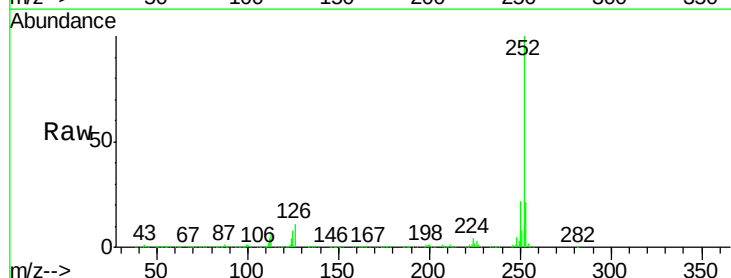
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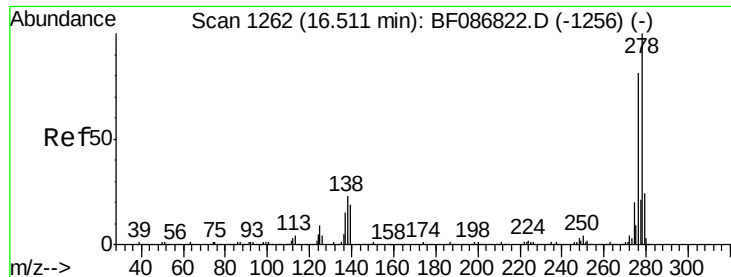
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#89
Benzo(a)pyrene
Concen: 38.87 ng
RT: 15.07 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		696839		
253	21.1	17.2	25.8		
125	8.2	9.0	13.6#		





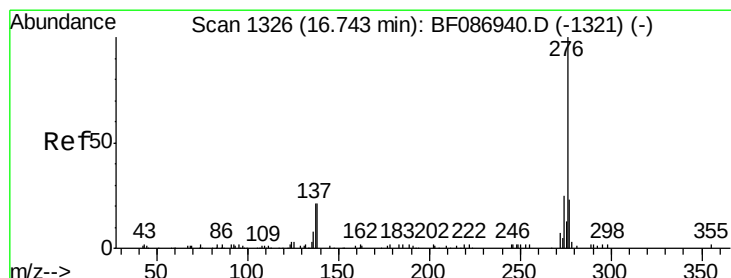
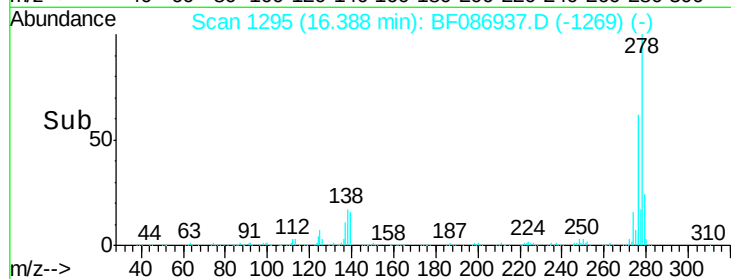
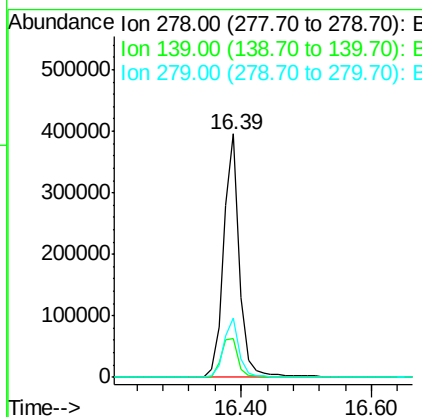
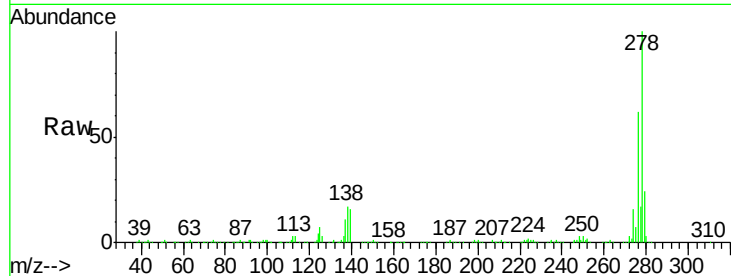
#90
Dibenzo(a,h)anthracene
Concen: 44.10 ng
RT: 16.39 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Instrument :
BNA_F
ClientSampleId :
TP40-4FTMSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	16.6	24.8#
279	24.2	19.6	29.4

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#91
Benzo(g,h,i)perylene
Concen: 44.74 ng
RT: 16.74 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.6	29.4
138	25.0	23.6	35.4

