

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087039.D
 Acq On : 15 May 2016 00:32
 Operator : UM/SJ
 Sample : PB90536BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90536BS

Manual Integrations
 APPROVED

sohil
 5/16/2016 6:58:48 PM

Quant Time: May 16 05:52:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 05:03:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	134007	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	549537	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	262588	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	499249	20.00	ng	0.00
75) Chrysene-d12	13.76	240	316281	20.00	ng	0.00
86) Perylene-d12	15.11	264	282993	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	992729	125.46	ng	0.01
7) Phenol-d6	6.28	99	1297923	122.73	ng	0.00
23) Nitrobenzene-d5	7.19	82	895449	81.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	389507	140.11	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1426542	91.30	ng	0.00
78) Terphenyl-d14	12.71	244	1269325	85.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	144543	37.21	ng	# 65
3) Pyridine	2.78	79	410136	43.19	ng	# 55
4) n-Nitrosodimethylamine	2.74	42	304681	44.24	ng	# 47
6) Aniline	6.28	93	168365	13.16	ng	# 2
8) 2-Chlorophenol	6.40	128	389557	40.80	ng	# 78
9) Benzaldehyde	6.17	77	20405	3.33	ng	97
10) Phenol	6.30	94	541332	43.07	ng	79
11) bis(2-Chloroethyl)ether	6.36	93	381924	38.97	ng	96
12) 1,3-Dichlorobenzene	6.55	146	399539m	38.67	ng	
13) 1,4-Dichlorobenzene	6.63	146	412130	39.11	ng	94
14) 1,2-Dichlorobenzene	6.79	146	361380	39.35	ng	95
15) Benzyl Alcohol	6.78	79	355319	48.66	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	6.90	45	785516	36.86	ng	56
17) 2-Methylphenol	6.90	107	332801	43.80	ng	# 80
18) Hexachloroethane	7.12	117	160857	40.57	ng	98
19) n-Nitroso-di-n-propylamine	7.05	70	320182	43.32	ng	# 82
20) 3+4-Methylphenols	7.06	107	440525	44.39	ng	# 61
22) Acetophenone	7.04	105	577695	44.51	ng	96
24) Nitrobenzene	7.21	77	482076	42.82	ng	93
25) Isophorone	7.45	82	839079	41.32	ng	98
26) 2-Nitrophenol	7.53	139	203830	41.19	ng	95
27) 2,4-Dimethylphenol	7.59	122	355035	42.12	ng	93
28) bis(2-Chloroethoxy)methane	7.67	93	518016	47.29	ng	99
29) 2,4-Dichlorophenol	7.78	162	322086	43.41	ng	94
30) 1,2,4-Trichlorobenzene	7.85	180	346388	41.75	ng	97
31) Naphthalene	7.92	128	1091955	39.67	ng	99
32) Benzoic acid	7.74	122	175218	35.39	ng	# 81
33) 4-Chloroaniline	7.99	127	96031	8.98	ng	# 92
34) Hexachlorobutadiene	8.04	225	201026	41.76	ng	98
35) Caprolactam	8.36	113	102481m	40.60	ng	
36) 4-Chloro-3-methylphenol	8.49	107	351870	39.10	ng	88
37) 2-Methylnaphthalene	8.62	142	760073	47.23	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	298379	39.08	ng	98
40) Hexachlorocyclopentadiene	8.76	237	257940	71.18	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	210084	41.15	ng	97
43) 2,4,5-Trichlorophenol	8.96	196	202801	38.41	ng	96
45) 1,1'-Biphenyl	9.08	154	900963	43.14	ng	99
46) 2-Chloronaphthalene	9.10	162	662715	40.50	ng	# 92
47) 2-Nitroaniline	9.21	65	264278	44.19	ng	# 74
48) Acenaphthylene	9.51	152	1015363	42.19	ng	98
49) Dimethylphthalate	9.39	163	836913	41.78	ng	100
50) 2,6-Dinitrotoluene	9.45	165	164747	39.08	ng	# 66
51) Acenaphthene	9.68	154	632329	42.23	ng	99
52) 3-Nitroaniline	9.62	138	65562	14.77	ng	81
53) 2,4-Dinitrophenol	9.74	184	112653	54.95	ng	# 86
54) Dibenzofuran	9.85	168	928891	48.33	ng	90
55) 4-Nitrophenol	9.82	139	158799m	55.16	ng	
56) 2,4-Dinitrotoluene	9.86	165	234638	44.97	ng	# 82
57) Fluorene	10.19	166	671622	40.97	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	189746	47.74	ng	96
59) Diethylphthalate	10.09	149	844547	43.26	ng	98
60) 4-Chlorophenyl-phenylether	10.19	204	341484	48.94	ng	92
61) 4-Nitroaniline	10.24	138	166864	39.14	ng	# 69
62) Azobenzene	10.35	77	1025602	48.70	ng	88
64) 4,6-Dinitro-2-methylphenol	10.26	198	100936	32.54	ng	# 25
65) n-Nitrosodiphenylamine	10.32	169	689100	44.93	ng	99
66) 4-Bromophenyl-phenylether	10.67	248	200479	39.61	ng	# 86
67) Hexachlorobenzene	10.74	284	253118	42.79	ng	# 90
68) Atrazine	10.86	200	188929	36.87	ng	95
69) Pentachlorophenol	10.95	266	208069	76.11	ng	98
70) Phenanthrene	11.15	178	1140665	42.81	ng	100
71) Anthracene	11.20	178	1062226	38.98	ng	100
72) Carbazole	11.37	167	1047702	44.73	ng	100
73) Di-n-butylphthalate	11.70	149	1230218	43.01	ng	# 99
74) Fluoranthene	12.33	202	1067113	38.94	ng	97
76) Benzidine	12.47	184	206480	25.61	ng	95
77) Pyrene	12.56	202	1167194	48.20	ng	99
79) Butylbenzylphthalate	13.19	149	494473	48.28	ng	# 74
80) Benzo(a)anthracene	13.75	228	815604	45.94	ng	98
81) 3,3'-Dichlorobenzidine	13.71	252	153800	13.63	ng	# 97
82) Chrysene	13.78	228	861753	47.71	ng	99
83) Bis(2-ethylhexyl)phthalate	13.75	149	618929	50.24	ng	# 95
84) Di-n-octyl phthalate	14.35	149	1008592	49.42	ng	# 84
85) Indeno(1,2,3-cd)pyrene	16.37	276	734250	48.86	ng	95
87) Benzo(b)fluoranthene	14.74	252	679903m	36.97	ng	
88) Benzo(k)fluoranthene	14.77	252	679180m	45.10	ng	
89) Benzo(a)pyrene	15.06	252	675553	42.59	ng	# 97
90) Dibenzo(a,h)anthracene	16.37	278	617065	46.15	ng	97
91) Benzo(g,h,i)perylene	16.73	276	618914	45.56	ng	# 92

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

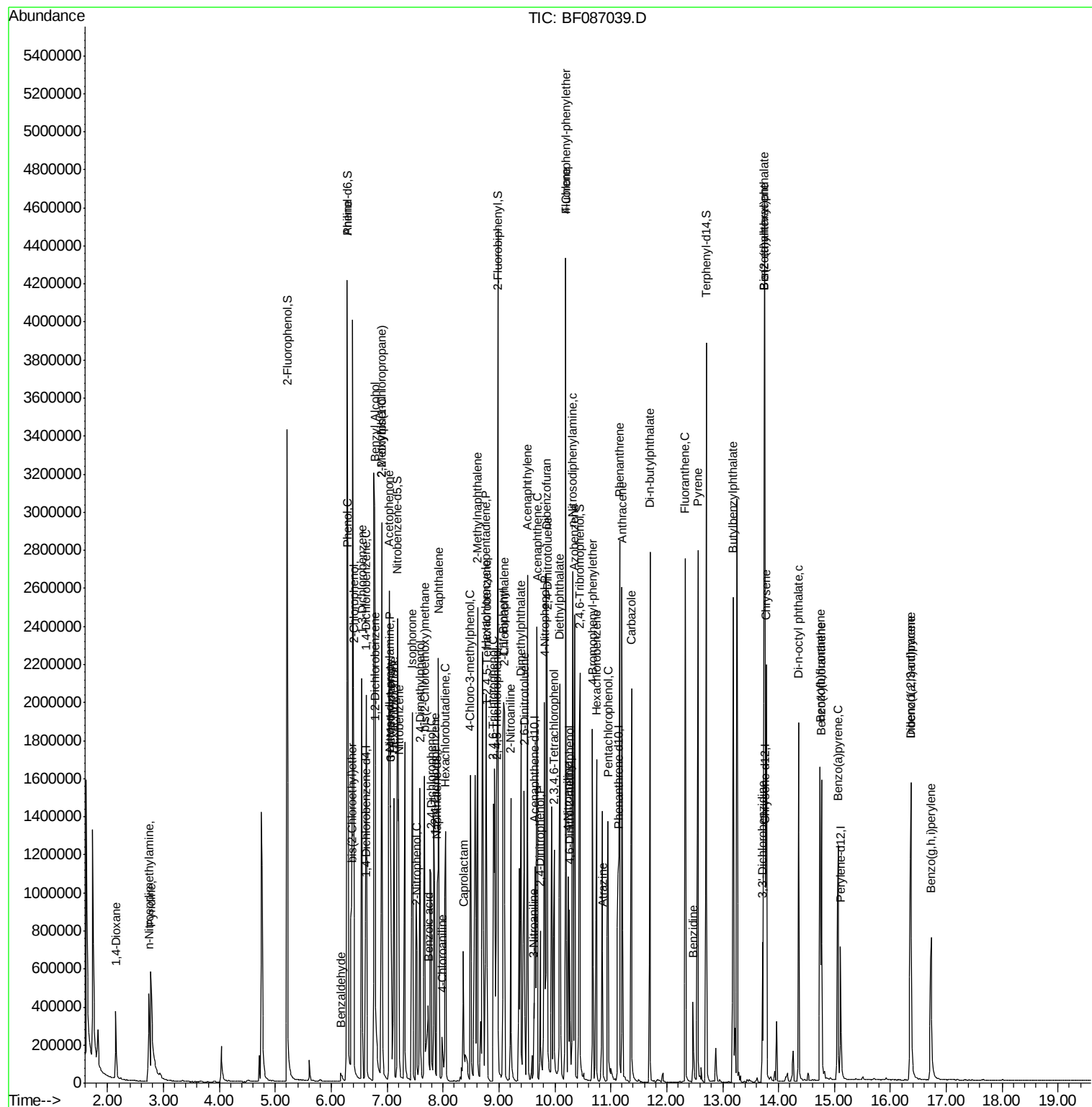
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
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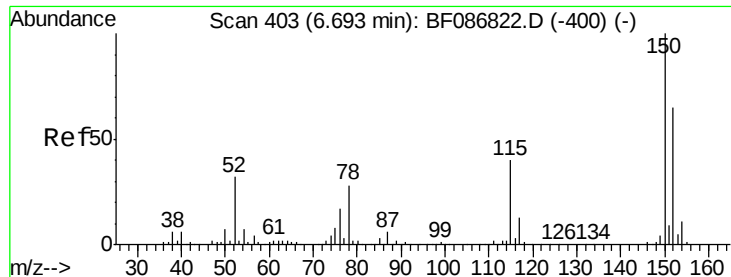
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

Instrument :

BNA_F

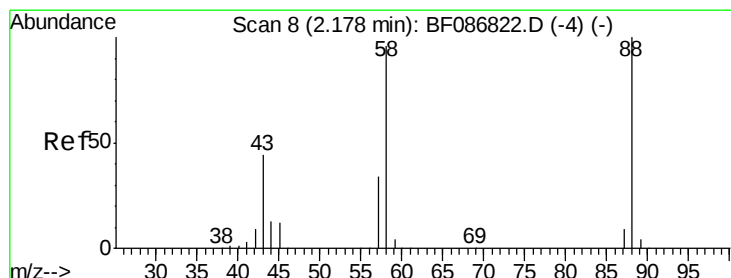
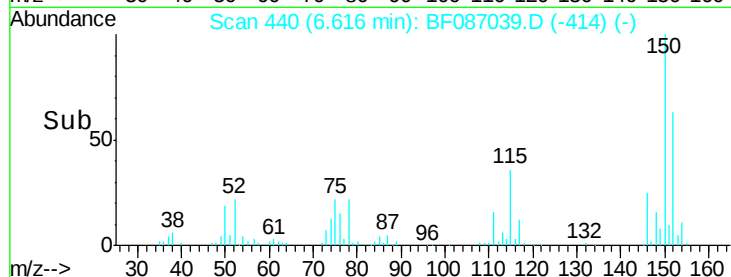
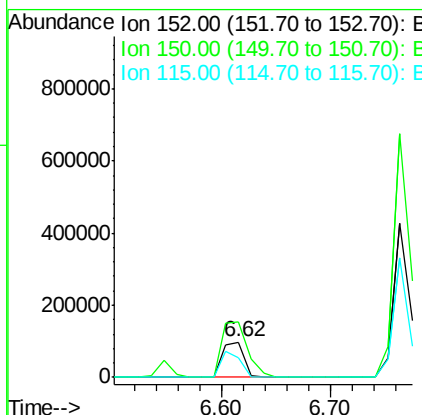
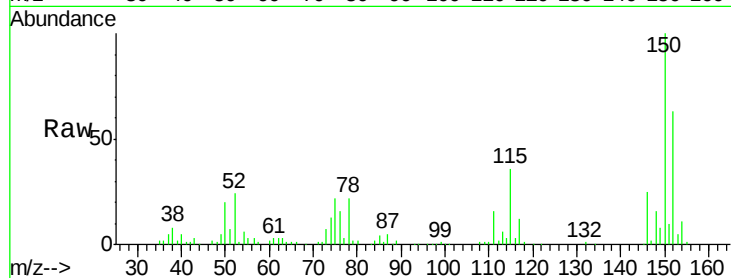
ClientSampleId :

PB90536BS

Tgt Ion:	152	Resp:	134007
Ion Ratio	Lower	Upper	
152	100		
150	158.8	125.8	188.6
115	56.8	51.5	77.3

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#2

1,4-Dioxane

Concen: 37.21 ng

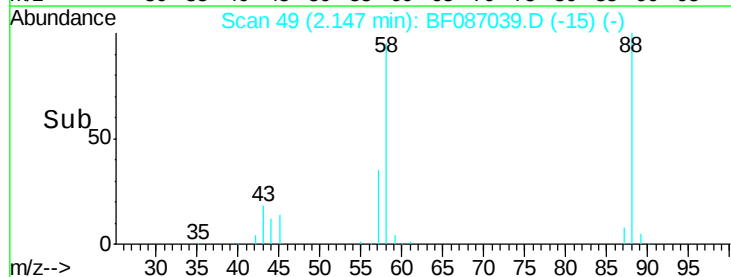
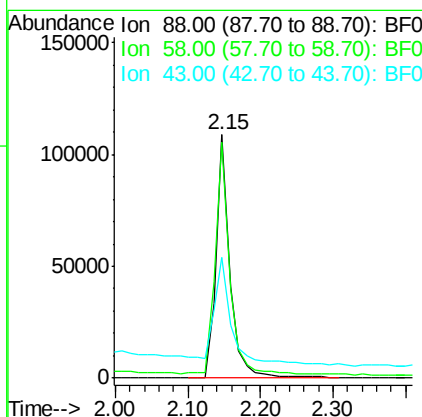
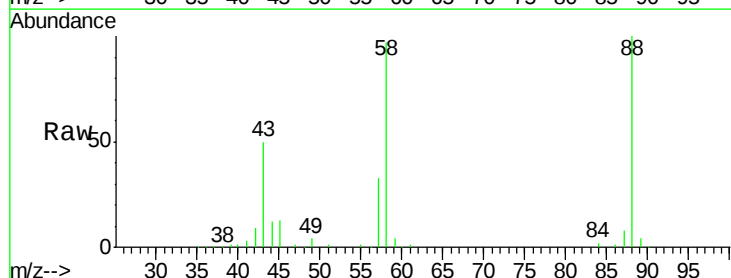
RT: 2.15 min Scan# 49

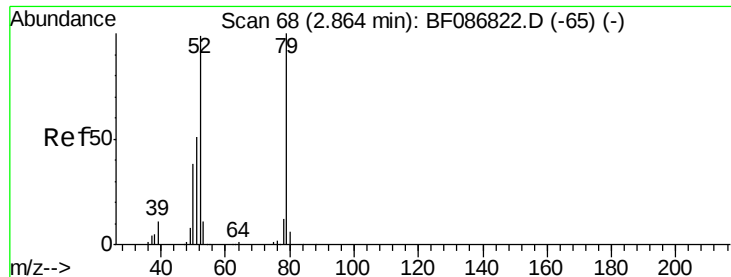
Delta R.T. 0.09 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

Tgt Ion:	88	Resp:	144543
Ion Ratio	Lower	Upper	
88	100		
58	98.3	59.6	89.4#
43	55.0	21.8	32.6#





#3

Pyridine

Concen: 43.19 ng

RT: 2.78 min Scan# 104

Delta R.T. 0.08 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

Instrument :

BNA_F

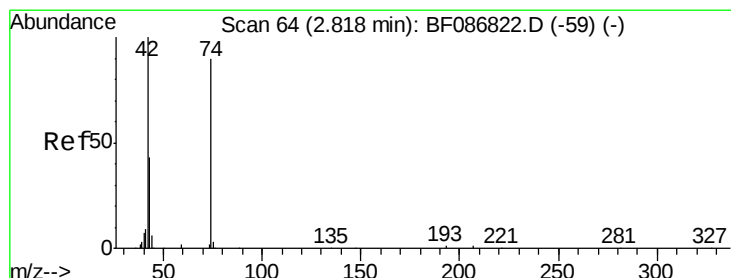
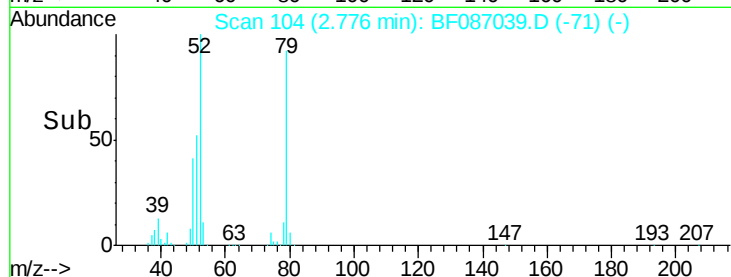
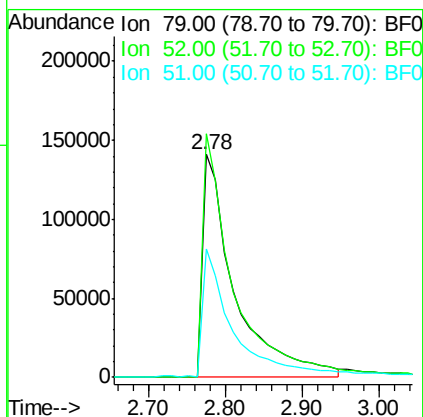
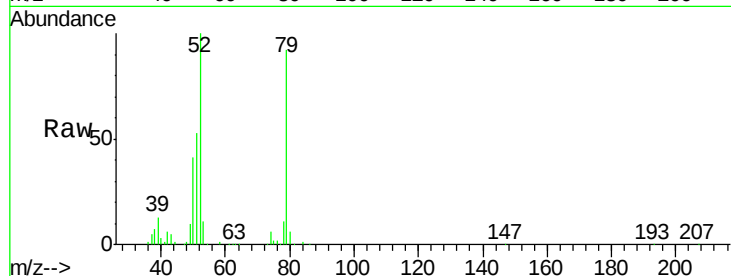
ClientSampleId :

PB90536BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	109.2	55.9	83.9#
51	57.4	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 44.24 ng

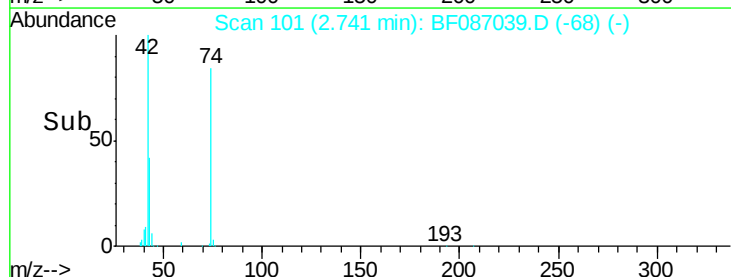
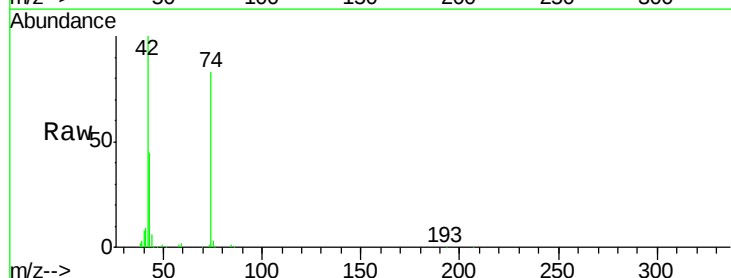
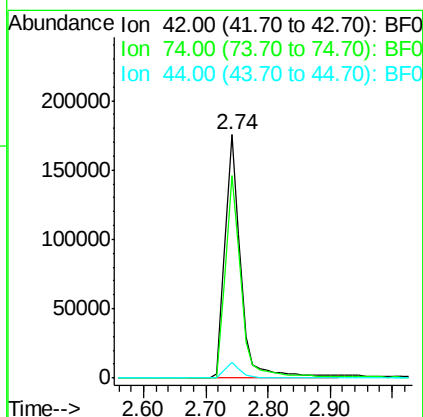
RT: 2.74 min Scan# 101

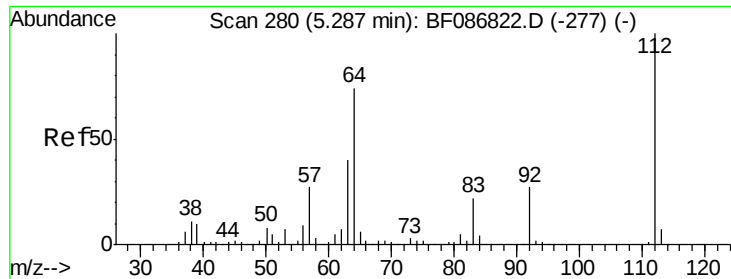
Delta R.T. 0.08 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

Tgt Ion	Ratio	Lower	Upper
42	100		
74	83.4	123.4	185.0#
44	6.4	5.8	8.6





#5

2-Fluorophenol

Concen: 125.46 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF087039.D

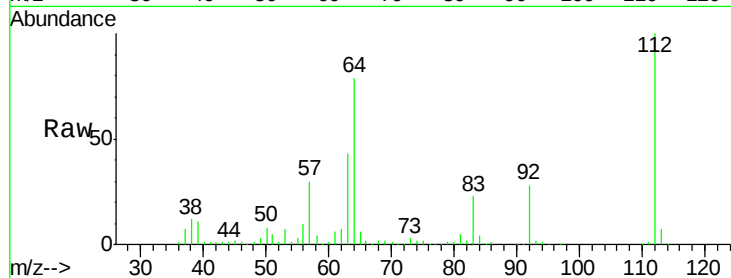
Acq: 15 May 2016 00:32

Instrument :

BNA_F

ClientSampleId :

PB90536BS



Tgt Ion: 112 Resp: 992729

Ion Ratio Lower Upper

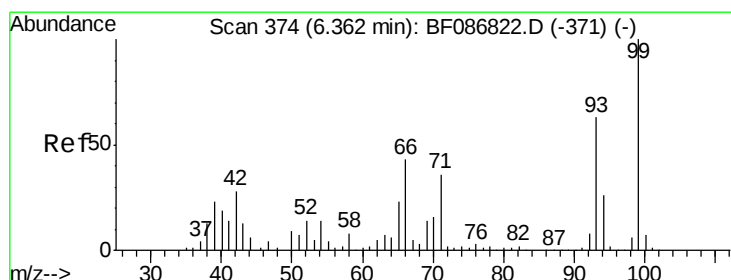
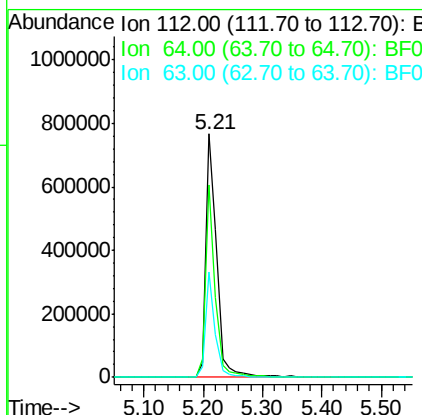
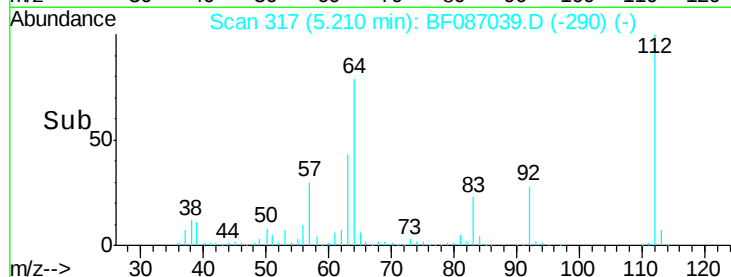
112 100

64 79.2 52.1 78.1#

63 43.0 25.7 38.5#

Manual Integrations
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#6

Aniline

Concen: 13.16 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

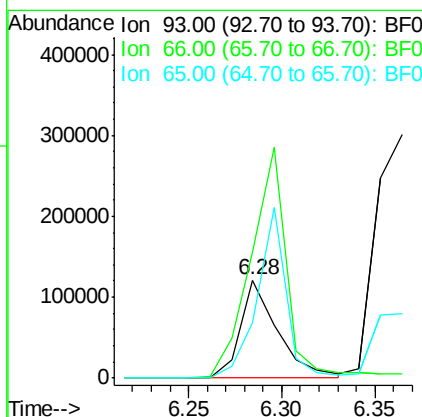
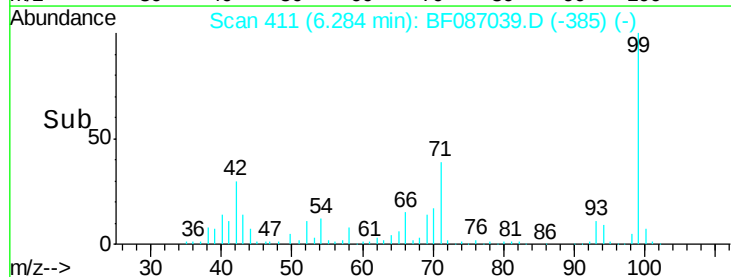
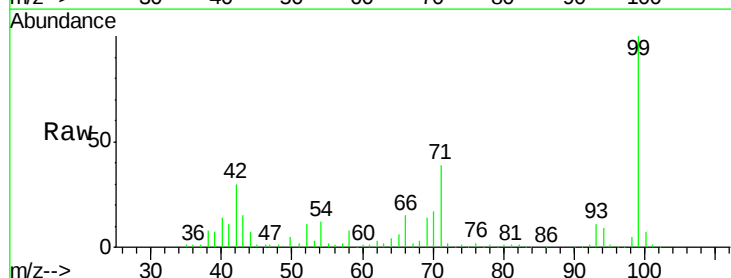
Tgt Ion: 93 Resp: 168365

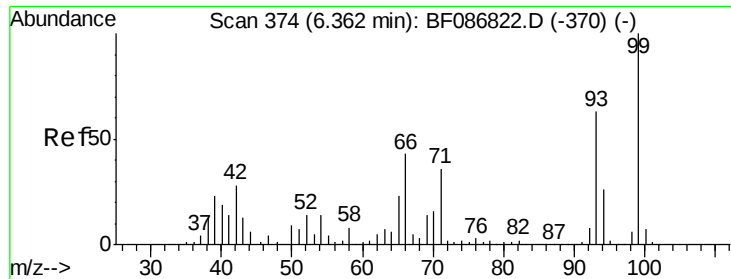
Ion Ratio Lower Upper

93 100

66 129.1 39.0 58.6#

65 56.3 20.6 31.0#





#7

Phenol-d6

Concen: 122.73 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

Instrument :

BNA_F

ClientSampleId :

PB90536BS

Tgt Ion: 99 Resp: 1297923

Ion Ratio Lower Upper

99 100

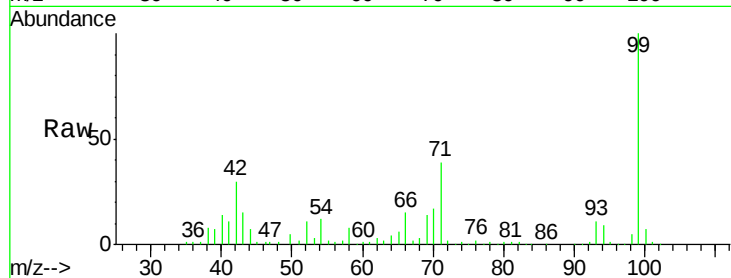
42 30.1 13.6 20.4#

71 39.3 24.6 36.8#

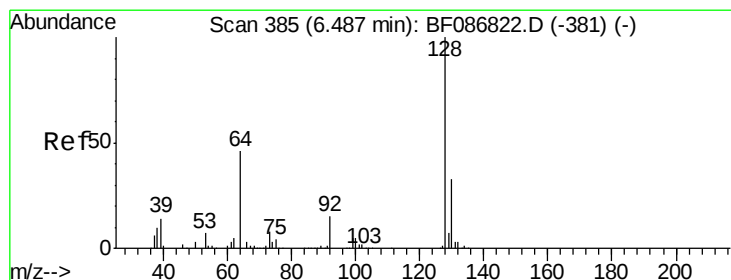
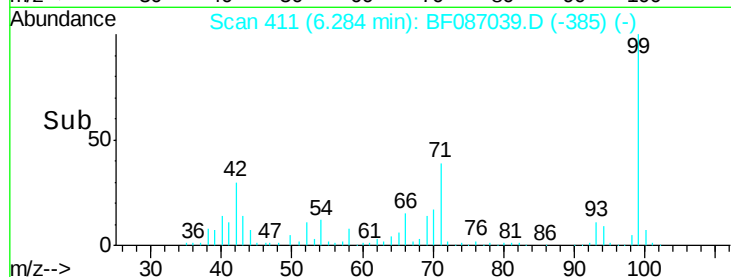
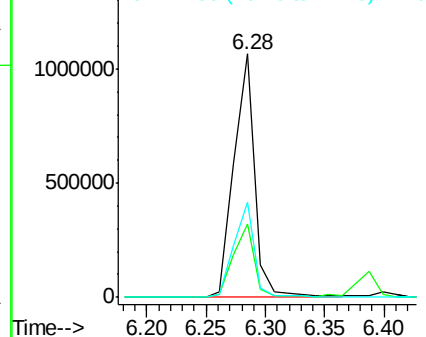
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.80 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

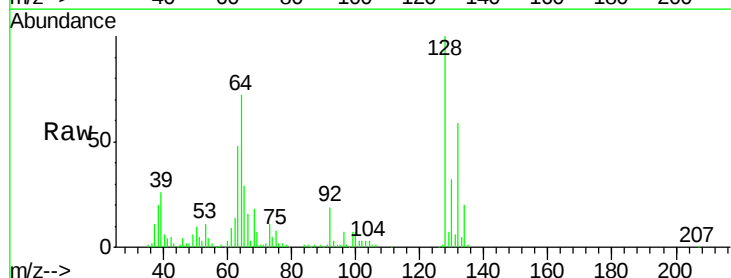
Tgt Ion: 128 Resp: 389557

Ion Ratio Lower Upper

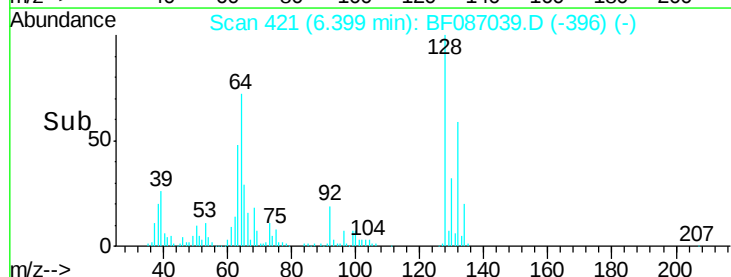
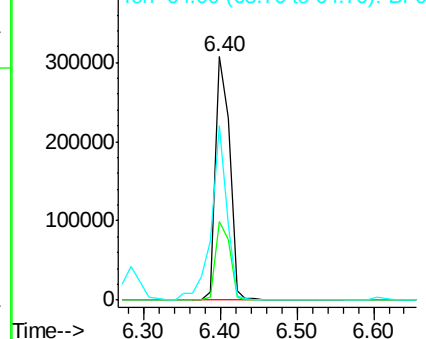
128 100

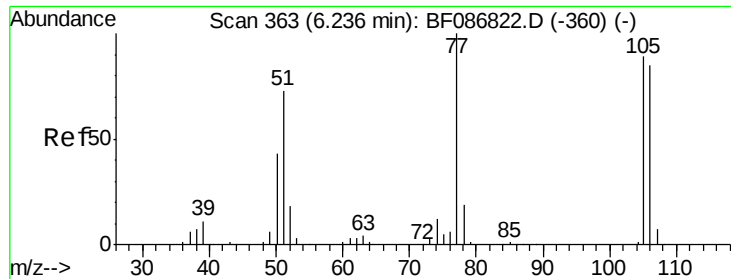
130 32.3 12.5 52.5

64 71.7 27.3 67.3#



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





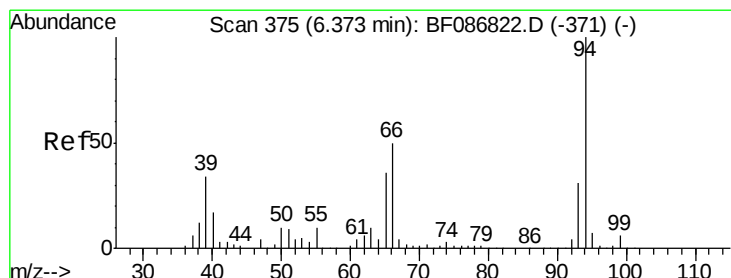
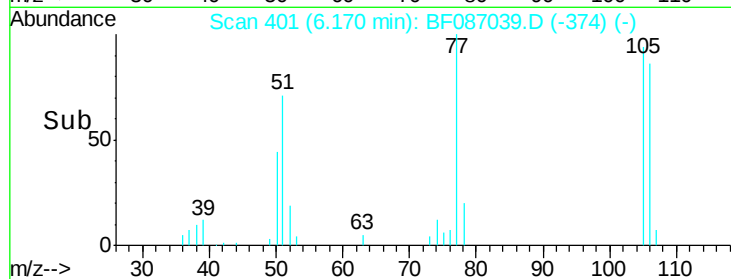
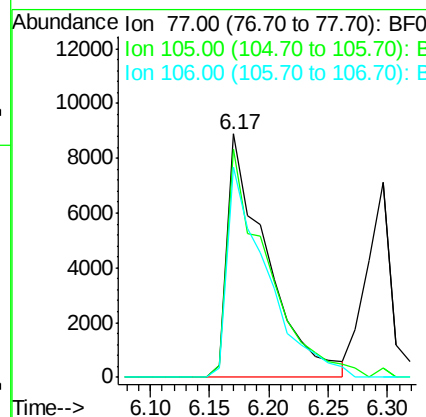
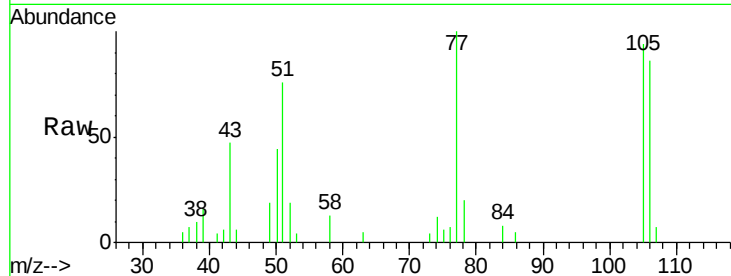
#9
Benzaldehyde
Concen: 3.33 ng
RT: 6.17 min Scan# 401
Delta R.T. 0.01 min
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Instrument :
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Tgt Ion: 77 Resp: 20405
Ion Ratio Lower Upper
77 100
105 93.9 72.7 112.7
106 86.3 70.8 110.8

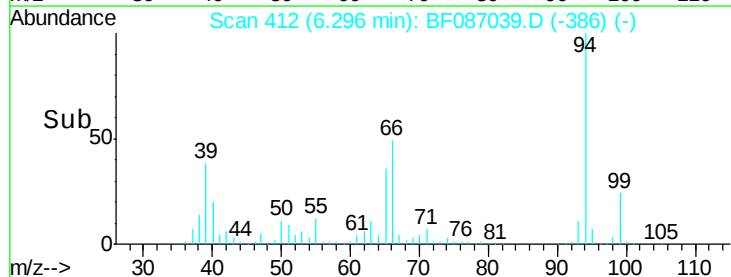
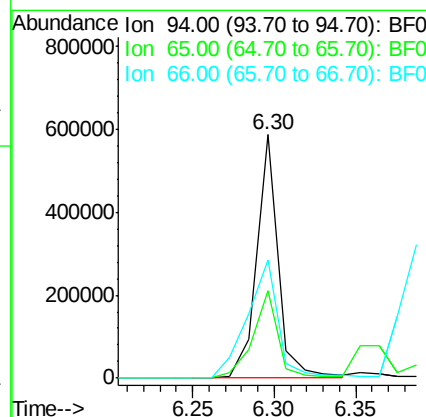
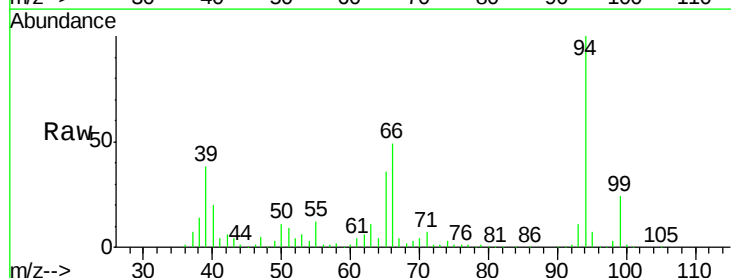
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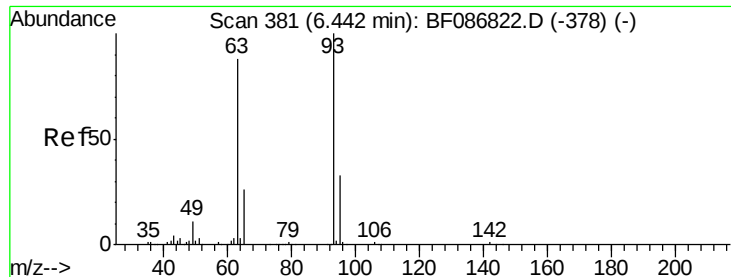
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#10
Phenol
Concen: 43.07 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Tgt Ion: 94 Resp: 541332
Ion Ratio Lower Upper
94 100
65 35.9 7.2 47.2
66 48.7 14.9 54.9





#11

bis(2-Chloroethyl)ether

Concen: 38.97 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

Instrument :

BNA_F

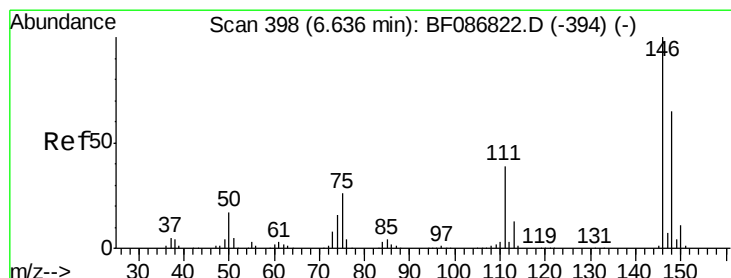
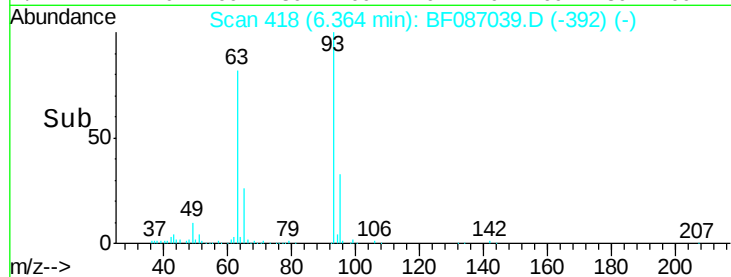
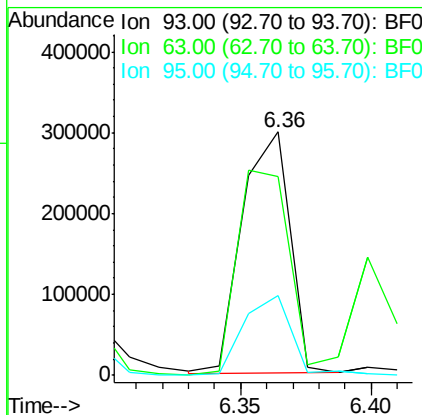
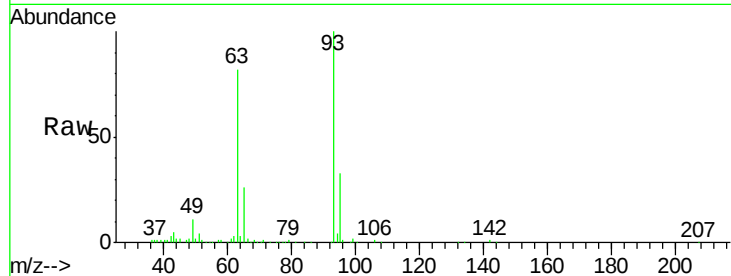
ClientSampleId :

PB90536BS

Tgt Ion:	93	Resp:	381924
Ion	Ratio	Lower	Upper
93	100		
63	81.8	58.0	98.0
95	33.0	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 38.67 ng m

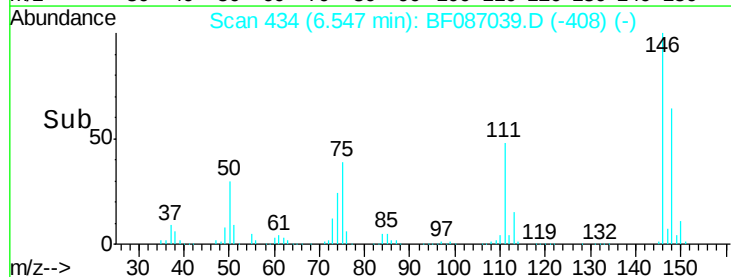
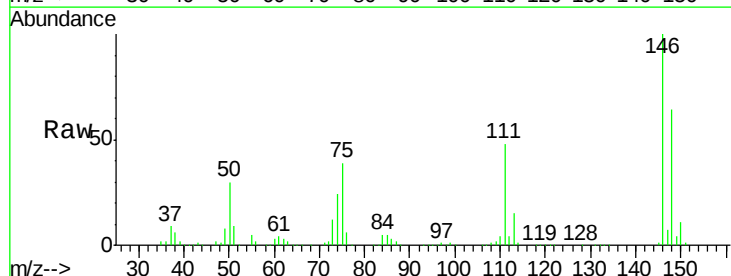
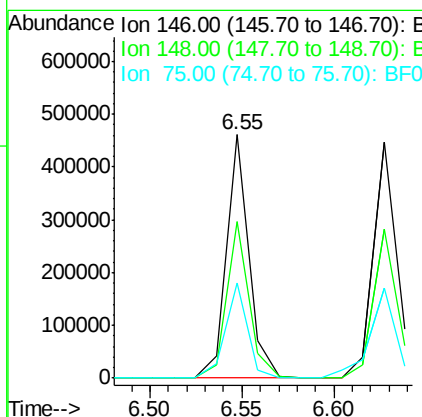
RT: 6.55 min Scan# 434

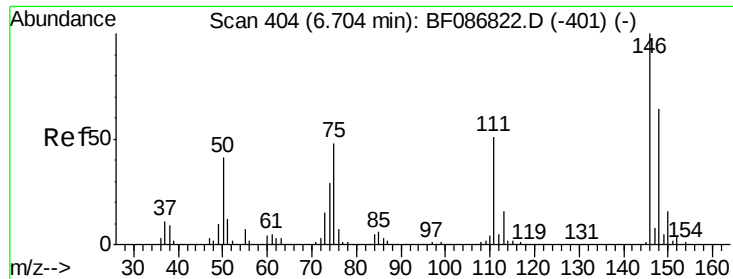
Delta R.T. 0.00 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

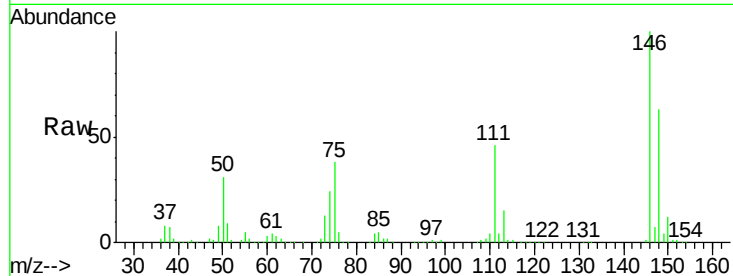
Tgt Ion:	146	Resp:	399539
Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.4	78.6
75	38.9	22.8	34.2#





#13
 1,4-Dichlorobenzene
 Concen: 39.11 ng
 RT: 6.63 min Scan# 441
 Delta R.T. 0.00 min
 Lab File: BF087039.D
 Acq: 15 May 2016 00:32

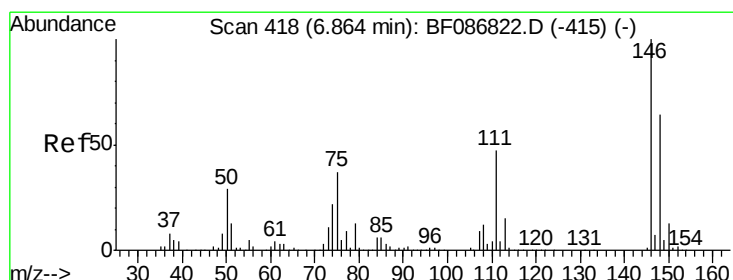
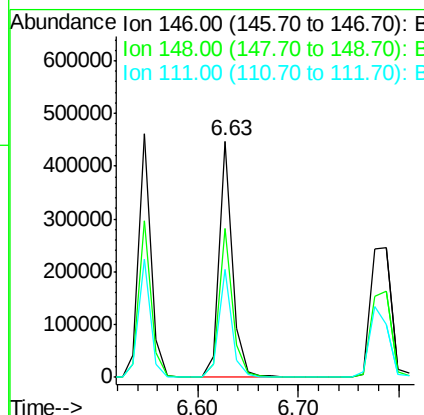
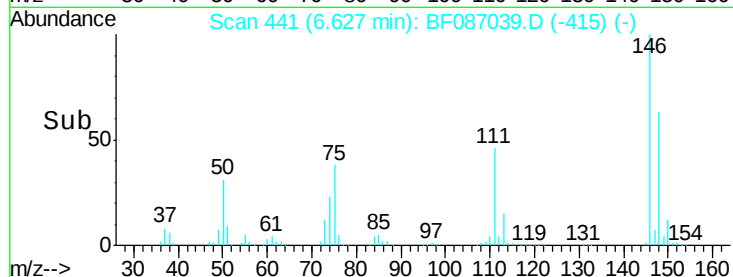
Instrument :
 BNA_F
 ClientSampleId :
 PB90536BS



Tgt Ion	Ratio	Resp	Lower	Upper
146	100	412130		
148	63.1	52.2	78.4	
111	45.7	30.7	46.1	

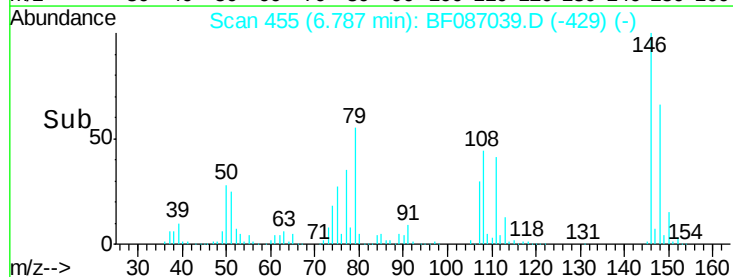
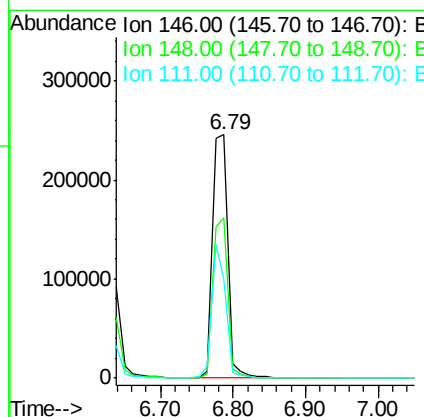
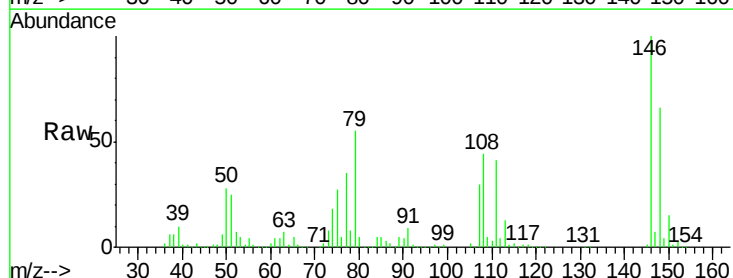
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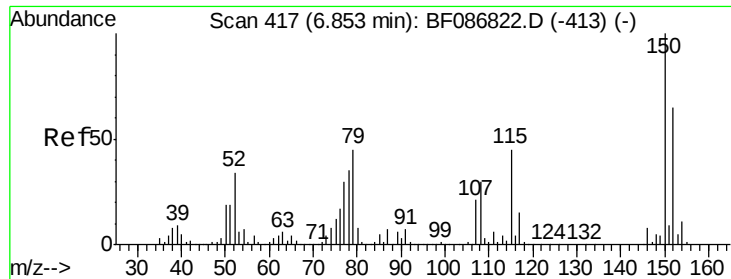
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#14
 1,2-Dichlorobenzene
 Concen: 39.35 ng
 RT: 6.79 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF087039.D
 Acq: 15 May 2016 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	361380		
148	66.1	51.0	76.6	
111	40.5	36.2	54.4	





#15

Benzyl Alcohol

Concen: 48.66 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

Instrument :

BNA_F

ClientSampleId :

PB90536BS

Tgt Ion: 79 Resp: 355319
Ion Ratio Lower Upper

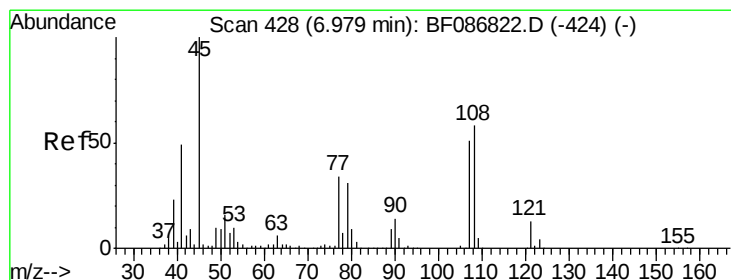
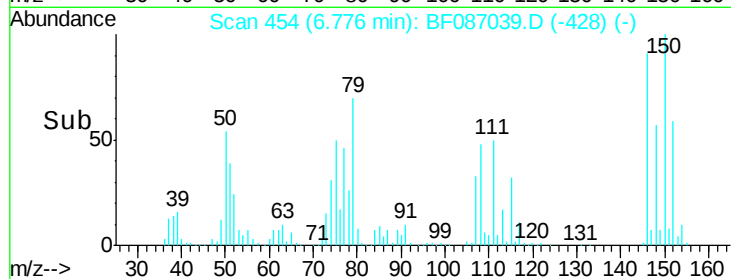
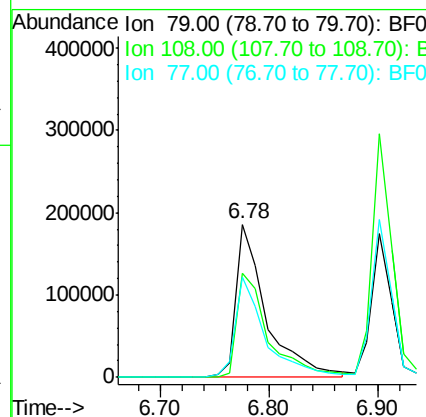
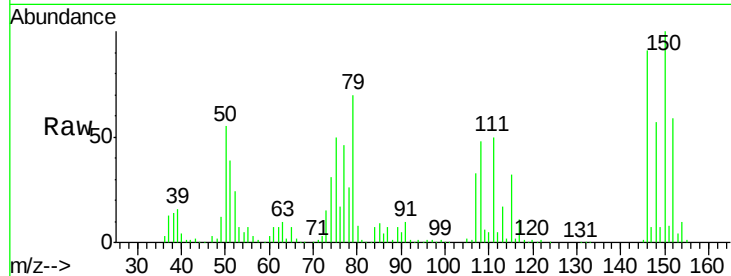
79 100

108 68.2 68.4 102.6#

77 65.8 50.6 76.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.86 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF087039.D

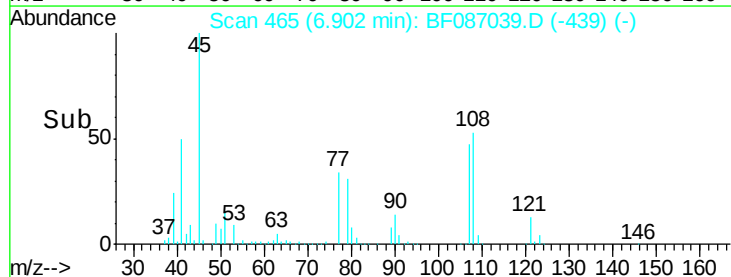
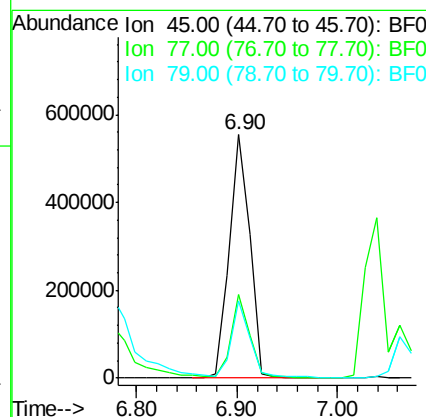
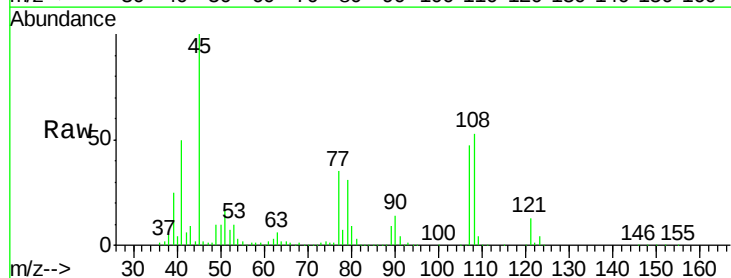
Acq: 15 May 2016 00:32

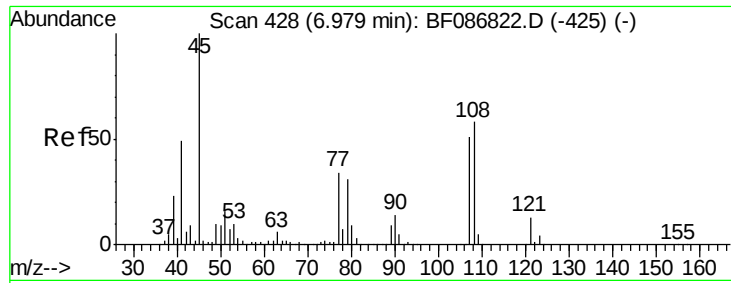
Tgt Ion: 45 Resp: 785516
Ion Ratio Lower Upper

45 100

77 34.6 0.0 36.4

79 31.5 0.0 33.4





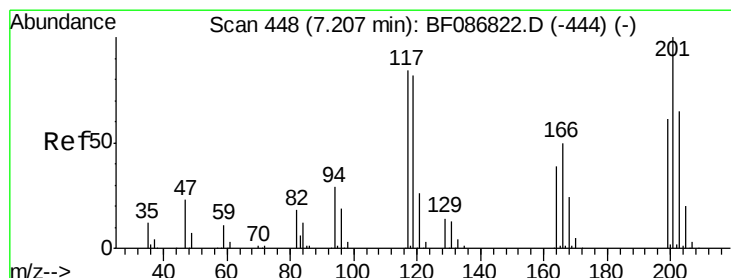
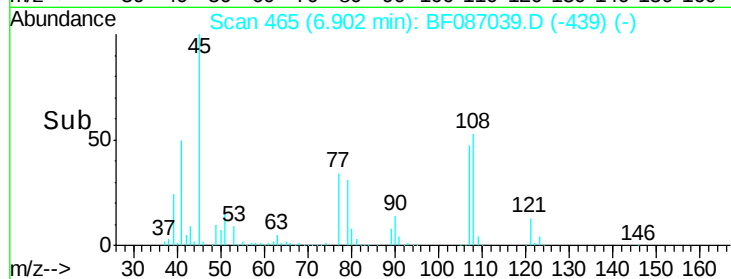
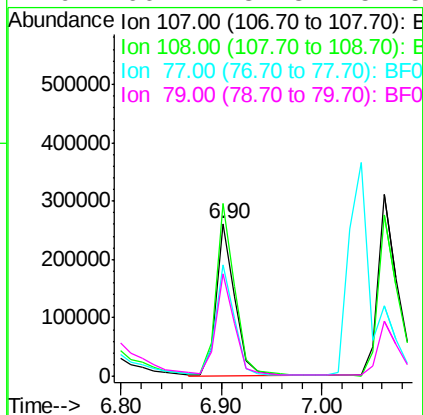
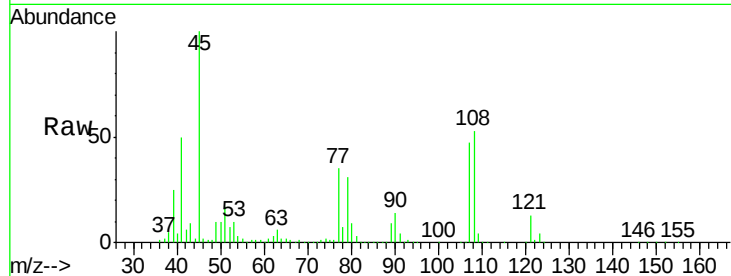
#17
2-Methylphenol
Concen: 43.80 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90536BS

Tgt Ion:	107	Resp:	332801
Ion Ratio	Lower	Upper	
107	100		
108	113.0	93.7	140.5
77	73.2	33.4	50.0#
79	66.7	34.3	51.5#

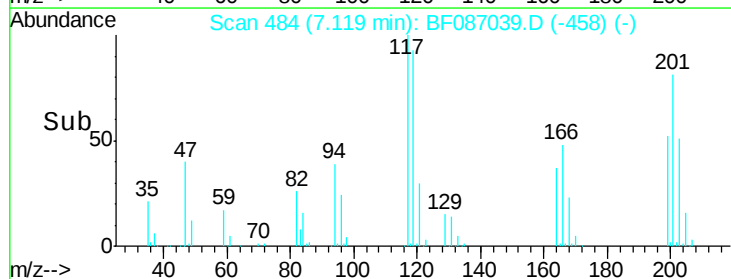
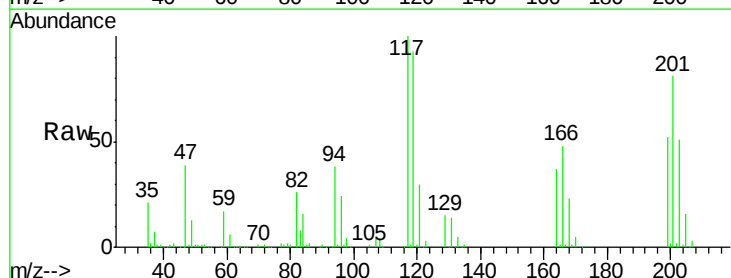
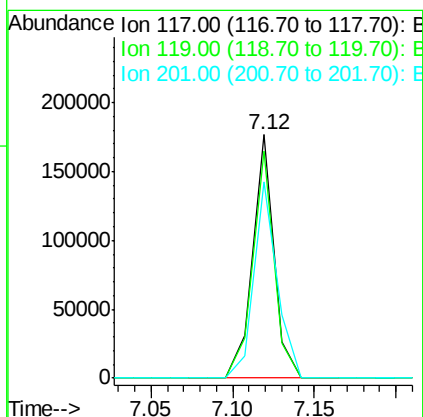
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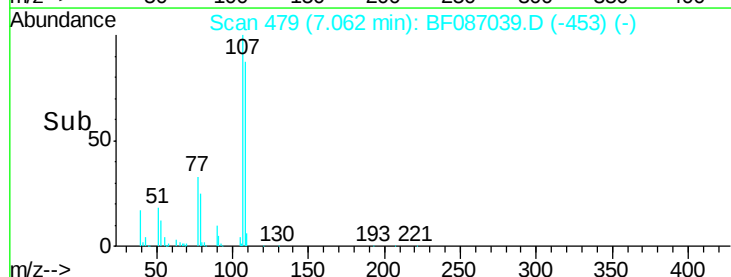
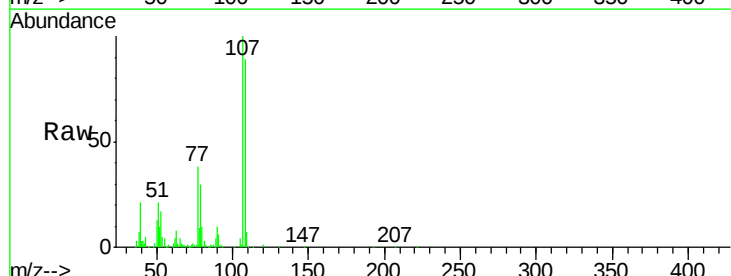
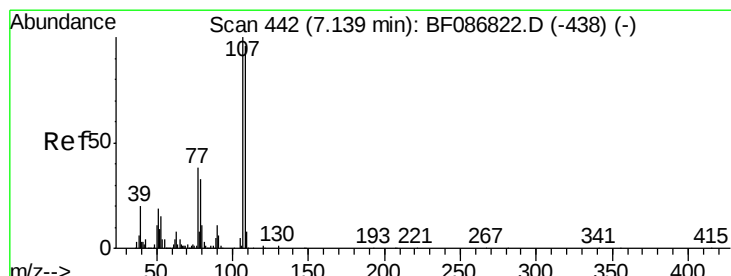
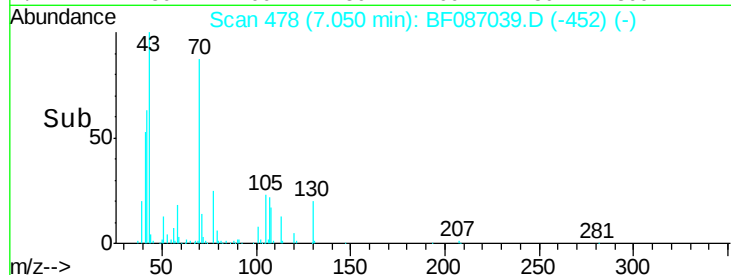
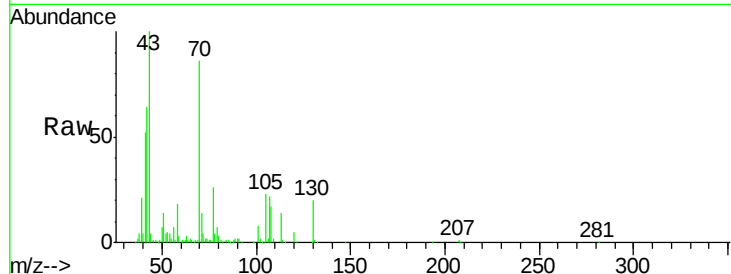
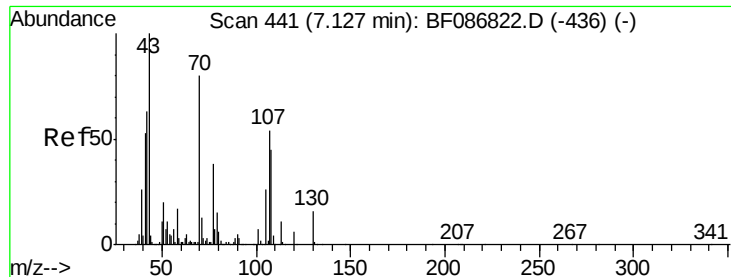
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#18
Hexachloroethane
Concen: 40.57 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Tgt Ion:	117	Resp:	160857
Ion Ratio	Lower	Upper	
117	100		
119	93.2	76.5	114.7
201	80.6	63.0	94.6





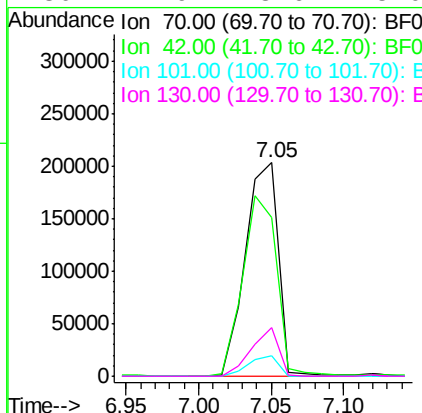
#19
n-Nitroso-di-n-propylamine
Concen: 43.32 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90536BS

Tgt Ion	Ratio	Resp Lower	Upper
70	100		
42	74.4	43.1	64.7#
101	9.8	8.1	12.1
130	22.9	18.6	28.0

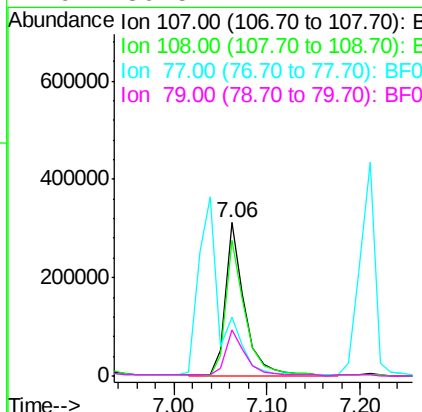
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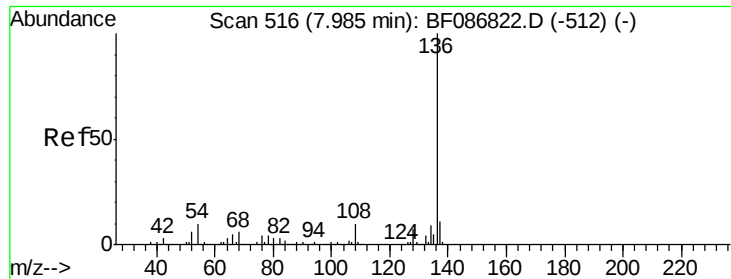
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#20
3+4-Methylphenols
Concen: 44.39 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	88.8	68.5	108.5
77	38.4	101.6	141.6#
79	30.5	7.4	47.4





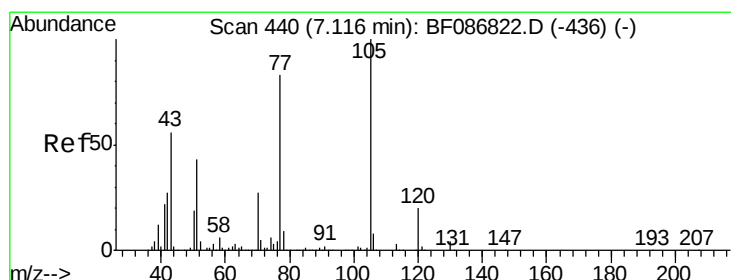
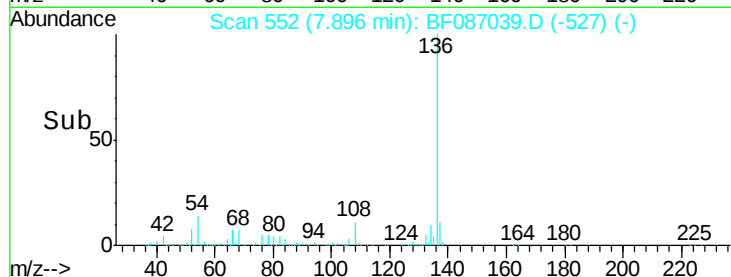
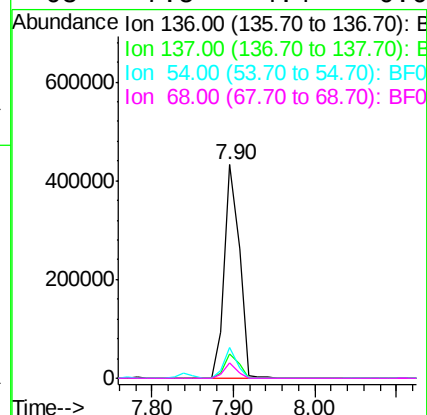
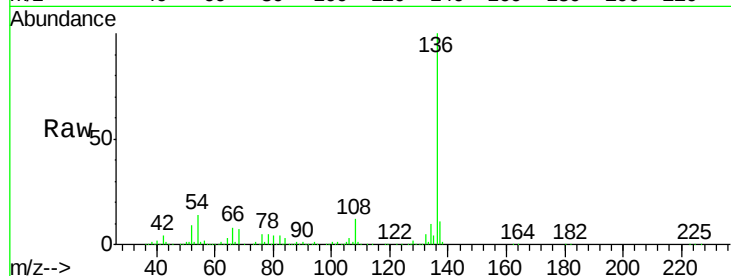
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90536BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	549537		
137	11.1	8.8	13.2	
54	14.3	5.0	7.4#	
68	7.5	4.4	6.6#	

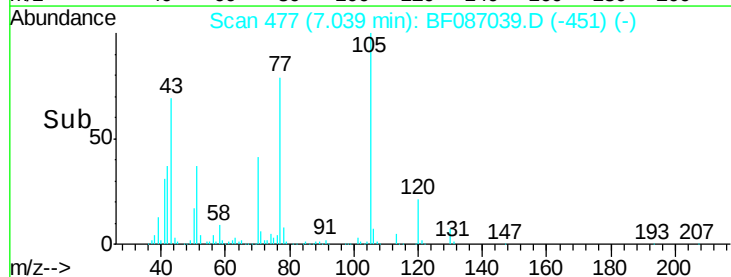
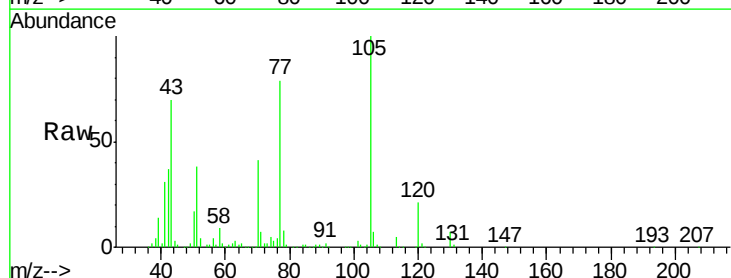
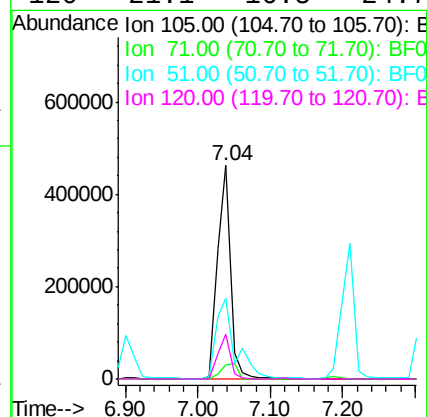
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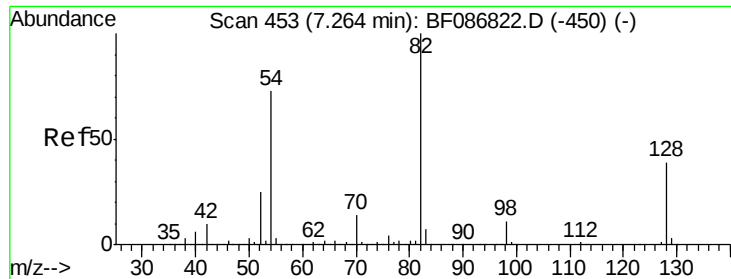
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#22
Acetophenone
Concen: 44.51 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	577695		
71	6.6	4.8	7.2	
51	37.6	32.6	49.0	
120	21.1	16.5	24.7	





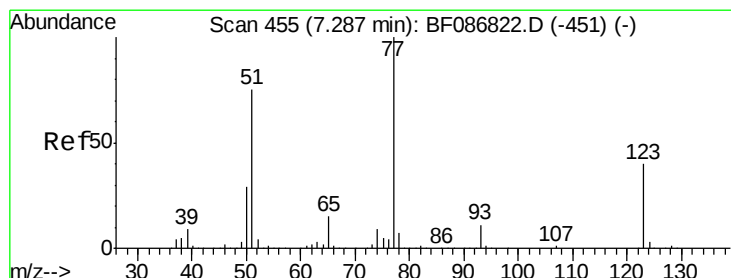
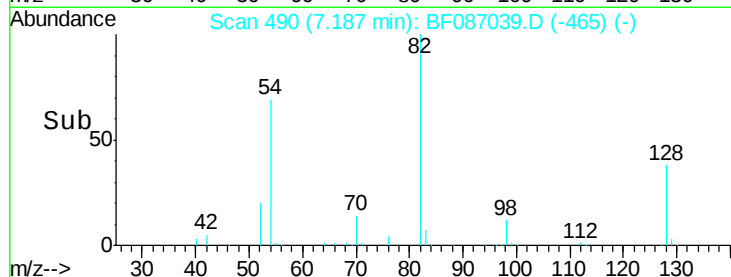
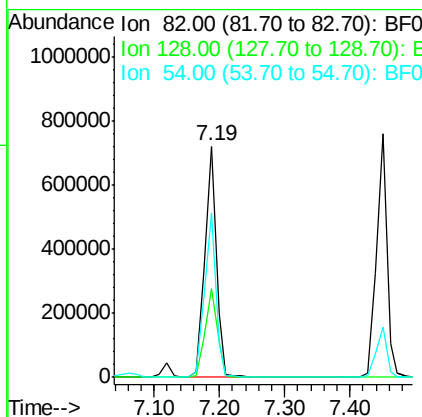
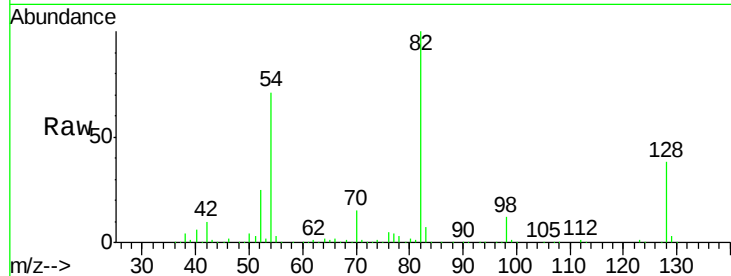
#23
 Nitrobenzene-d5
 Concen: 81.82 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF087039.D
 Acq: 15 May 2016 00:32

Instrument :
 BNA_F
 ClientSampleId :
 PB90536BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	895449		
128	38.4	40.6	61.0#	
54	71.3	38.1	57.1#	

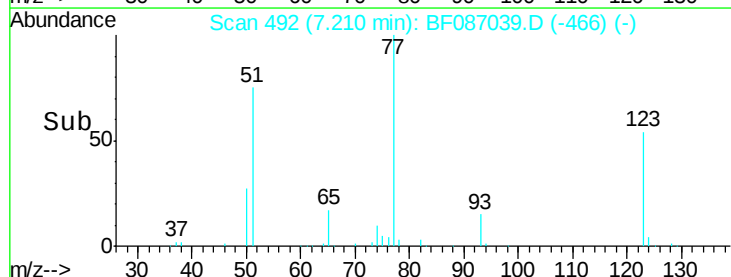
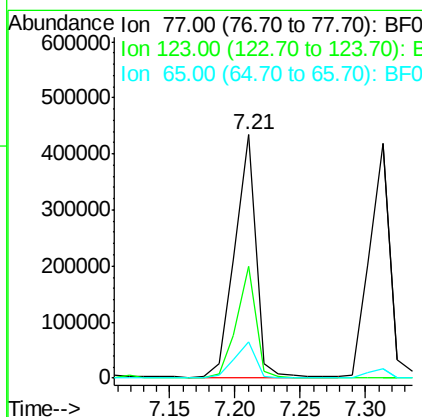
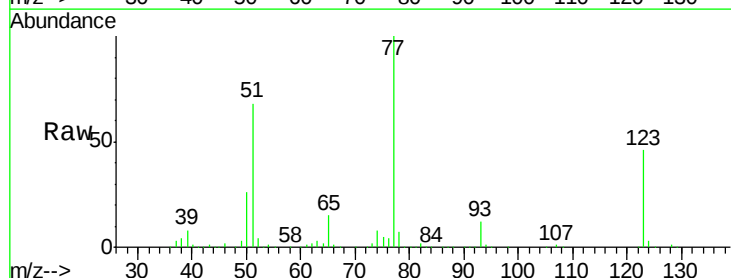
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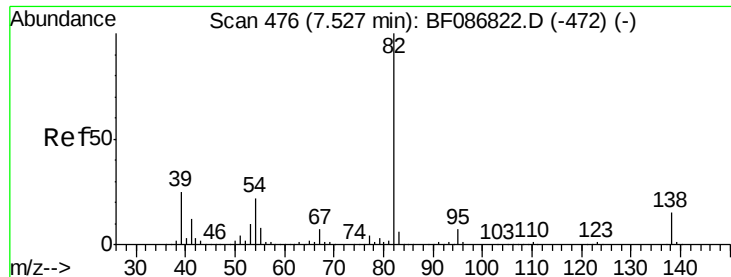
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#24
 Nitrobenzene
 Concen: 42.82 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF087039.D
 Acq: 15 May 2016 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	482076		
123	46.1	33.0	49.4	
65	14.7	10.8	16.2	





#25

Isophorone

Concen: 41.32 ng

RT: 7.45 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

Instrument :

BNA_F

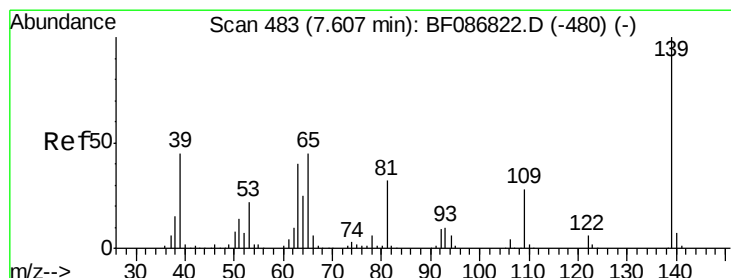
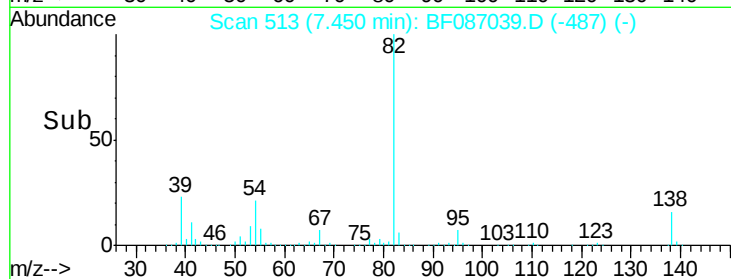
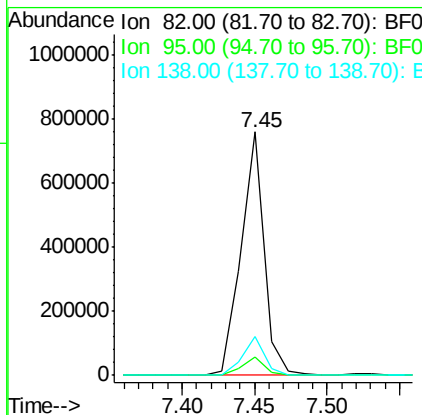
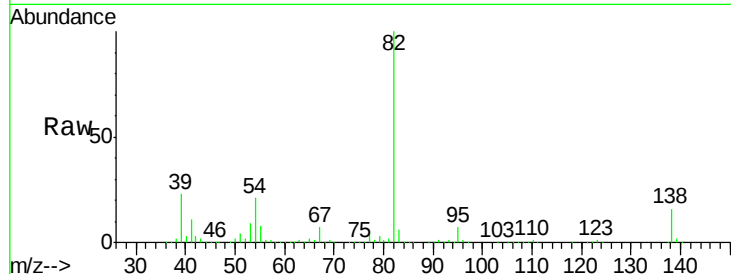
ClientSampleId :

PB90536BS

Tgt Ion:	82	Resp:	839079
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.1	7.7
138	16.0	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.19 ng

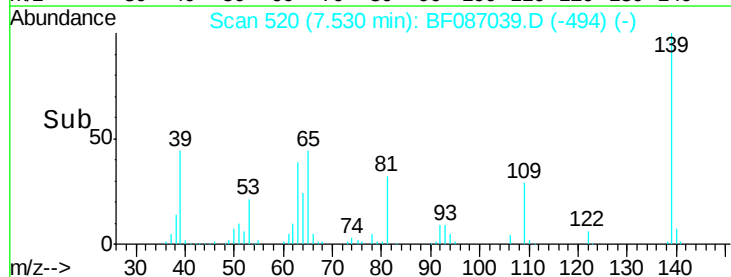
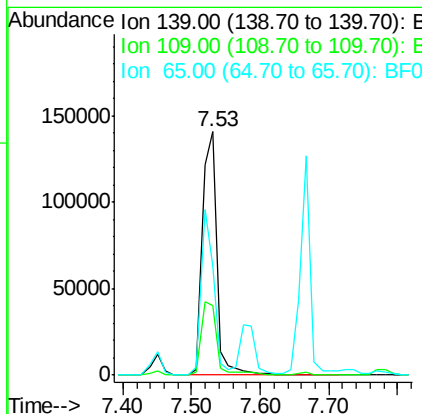
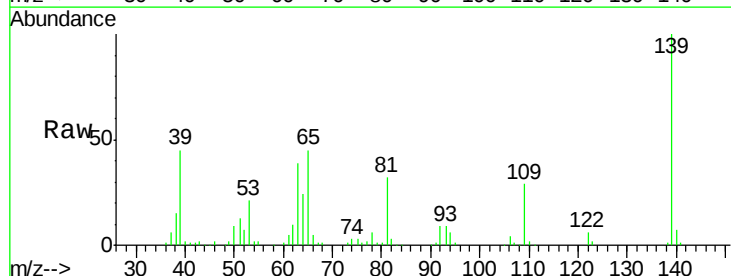
RT: 7.53 min Scan# 520

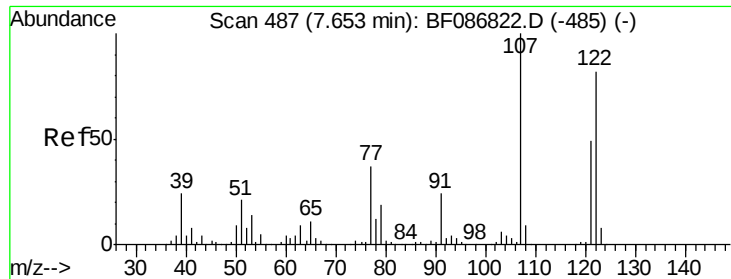
Delta R.T. 0.00 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

Tgt Ion:	139	Resp:	203830
Ion Ratio	Lower	Upper	
139	100		
109	28.5	19.5	29.3
65	45.0	37.5	56.3





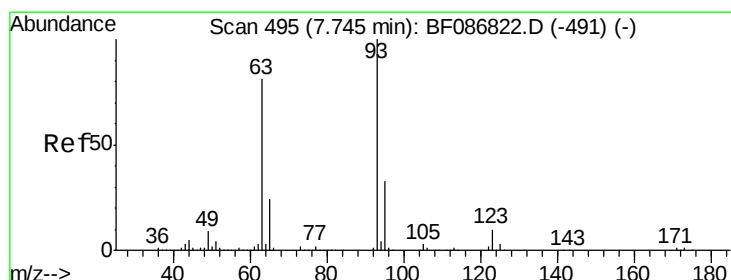
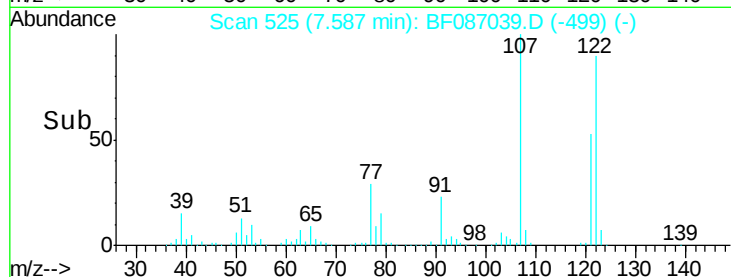
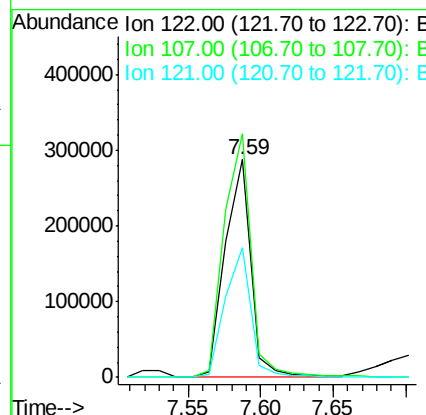
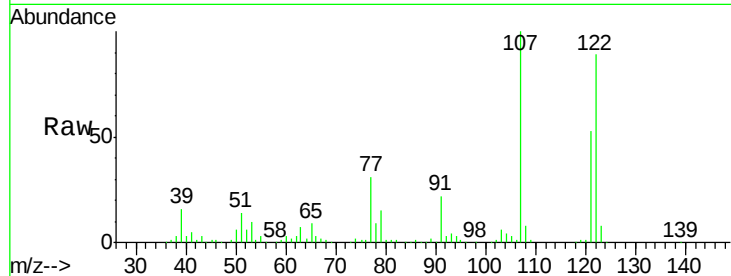
#27
 2,4-Dimethylphenol
 Concen: 42.12 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF087039.D
 Acq: 15 May 2016 00:32

Instrument :
 BNA_F
 ClientSampleId :
 PB90536BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	355035		
107	111.7	82.0	123.0	
121	59.3	46.1	69.1	

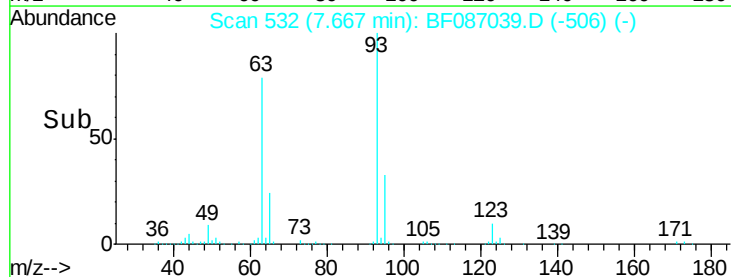
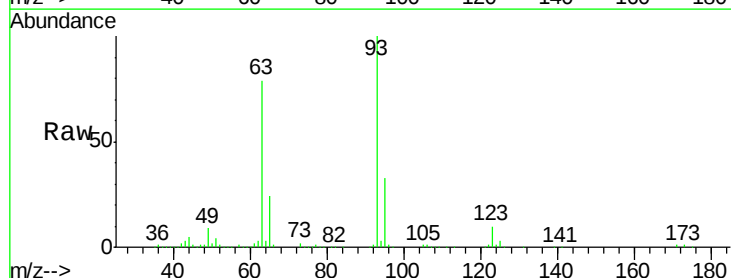
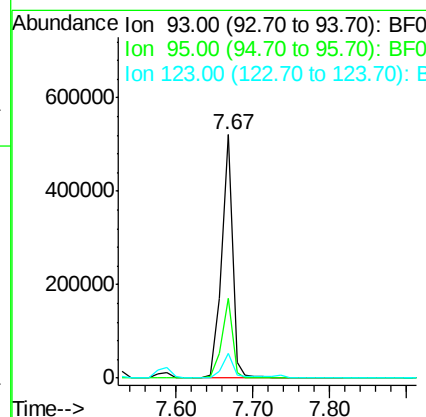
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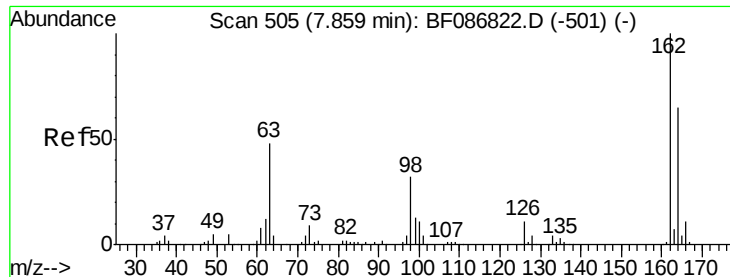
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#28
 bis(2-Chloroethoxy)methane
 Concen: 47.29 ng
 RT: 7.67 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: BF087039.D
 Acq: 15 May 2016 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	518016		
95	32.7	26.0	39.0	
123	10.3	9.5	14.3	





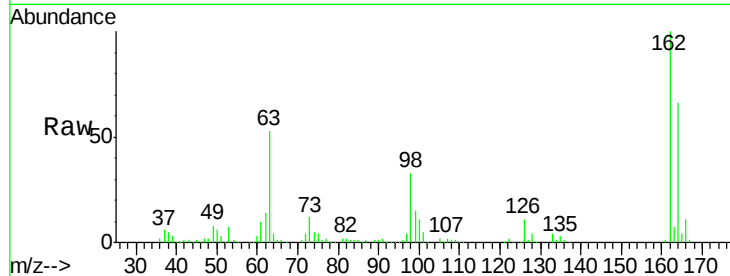
#29
 2,4-Dichlorophenol
 Concen: 43.41 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF087039.D
 Acq: 15 May 2016 00:32

Instrument :
 BNA_F
 ClientSampleId :
 PB90536BS

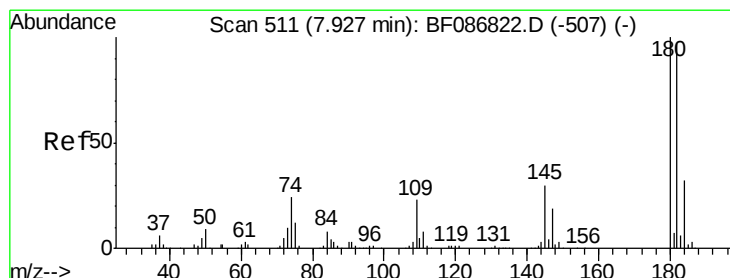
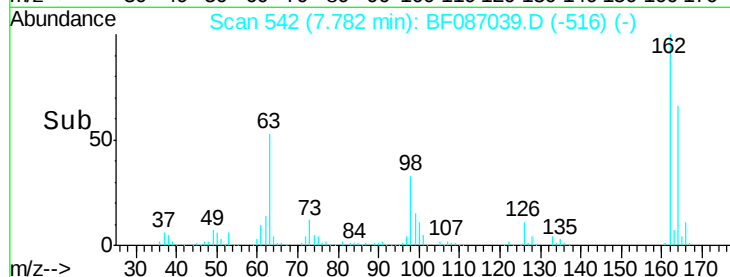
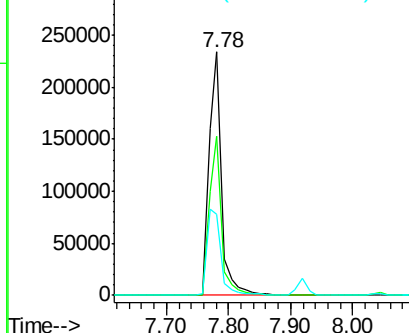
Tgt Ion:	162	Resp:	322086
Ion Ratio	Lower	Upper	
162	100		
164	65.6	42.2	82.2
98	33.3	19.0	59.0

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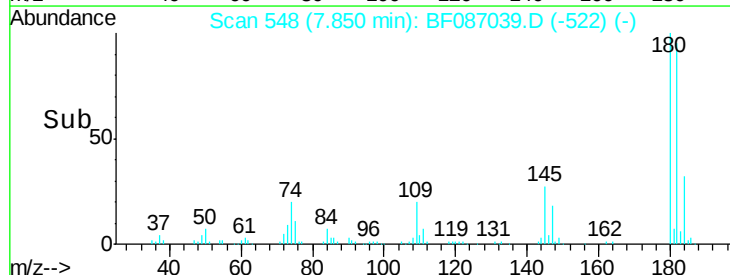
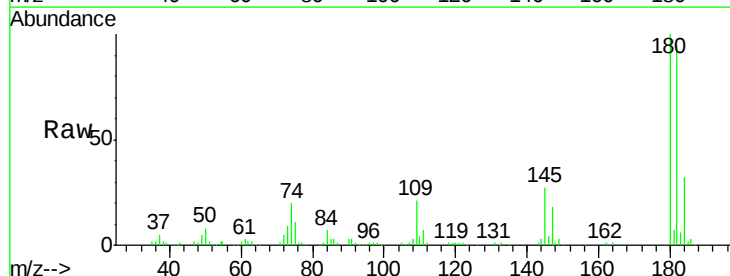
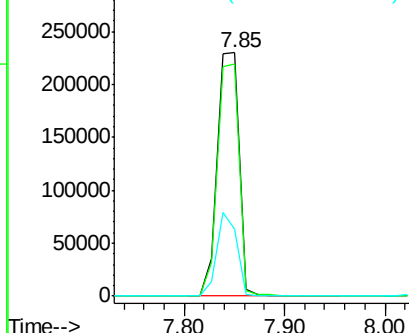
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

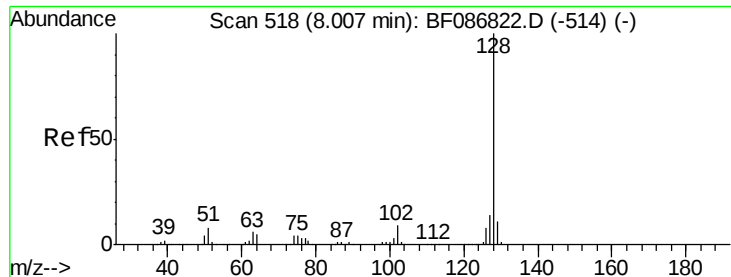


#30
 1,2,4-Trichlorobenzene
 Concen: 41.75 ng
 RT: 7.85 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF087039.D
 Acq: 15 May 2016 00:32

Tgt Ion:	180	Resp:	346388
Ion Ratio	Lower	Upper	
180	100		
182	95.2	78.0	117.0
145	27.5	24.2	36.2

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





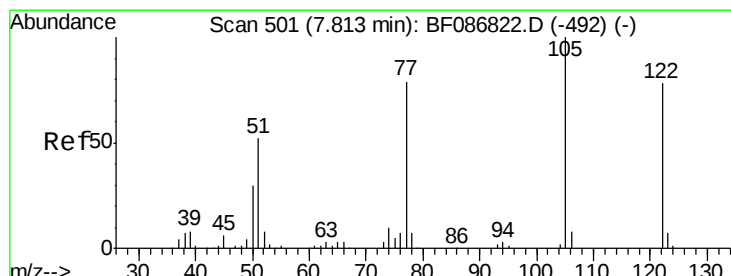
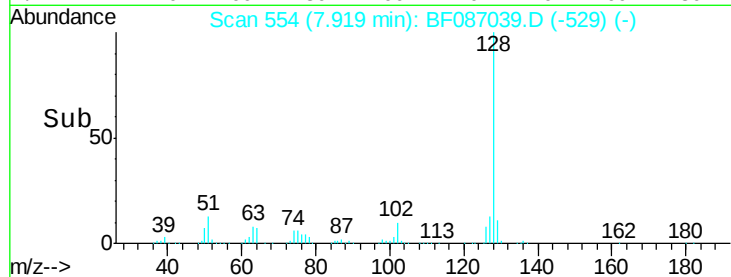
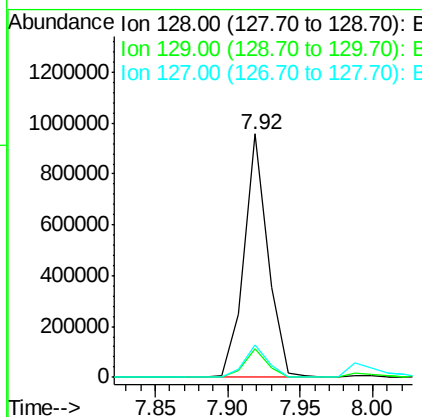
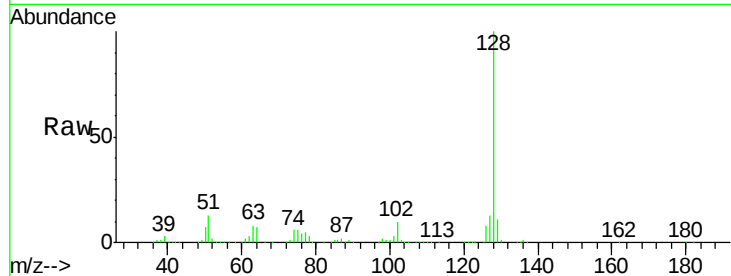
#31
Naphthalene
Concen: 39.67 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90536BS

Tgt Ion:128 Resp: 1091955
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.4 10.8 16.2

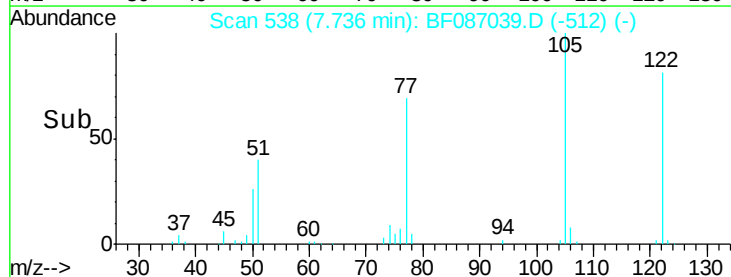
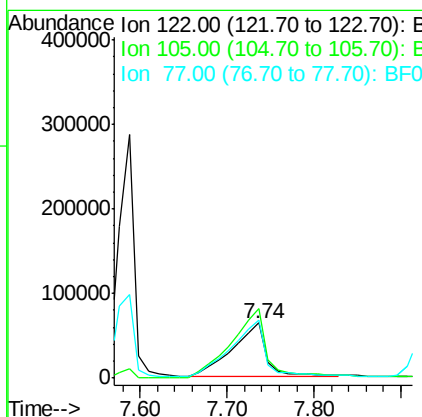
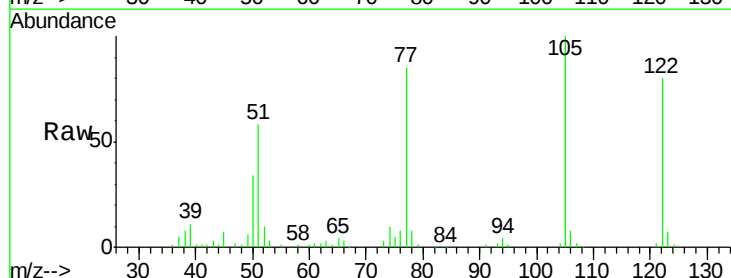
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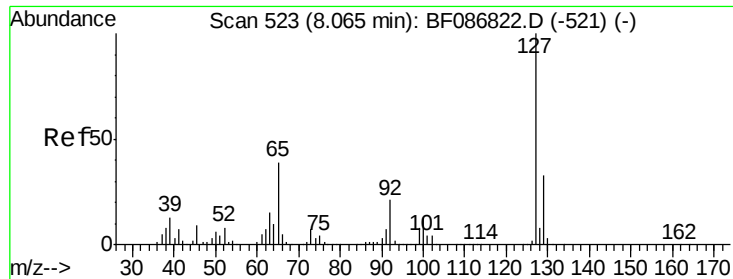
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#32
Benzoic acid
Concen: 35.39 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Tgt Ion:122 Resp: 175218
Ion Ratio Lower Upper
122 100
105 125.1 92.6 132.6
77 106.0 60.0 100.0#





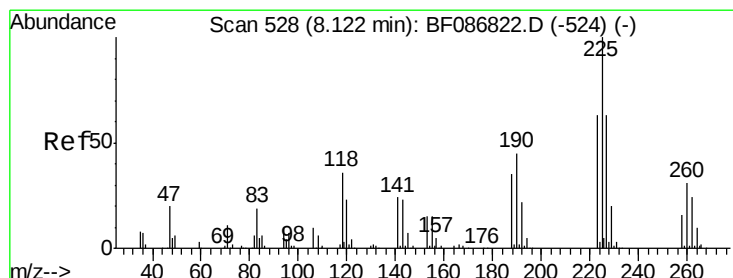
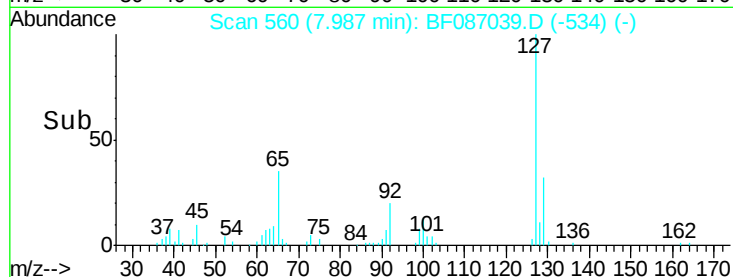
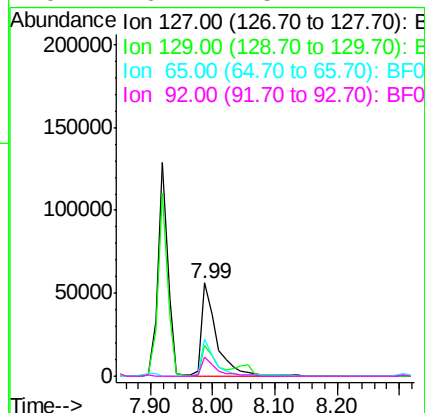
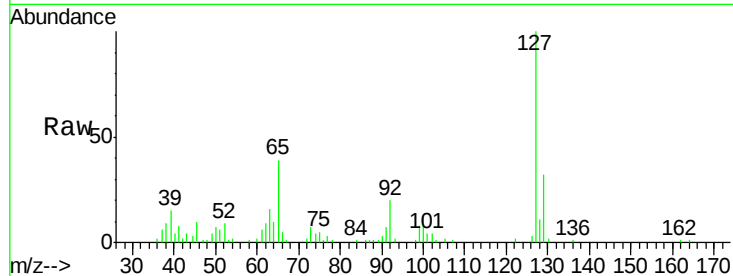
#33
4-Chloroaniline
Concen: 8.98 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90536BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	96031		
129	32.3	26.2	39.4	
65	39.4	23.0	34.4	
92	20.2	15.1	22.7	

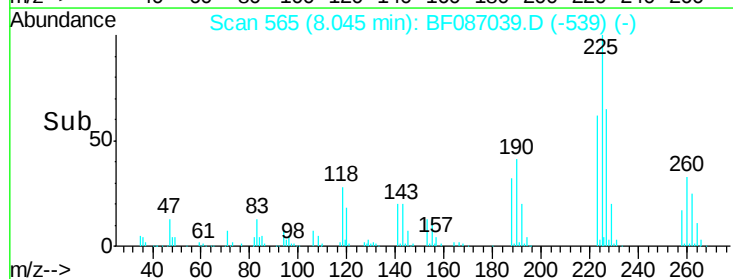
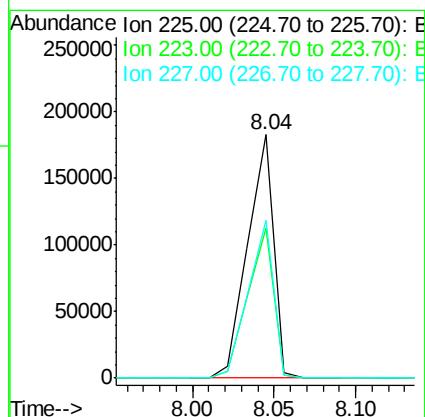
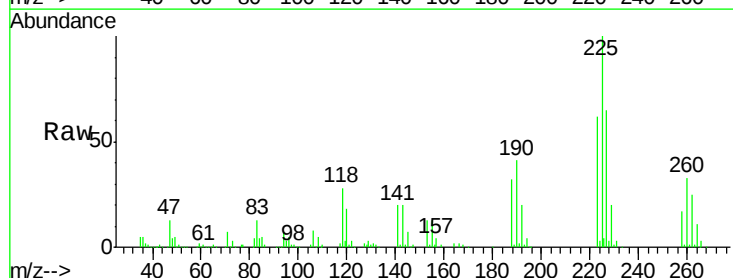
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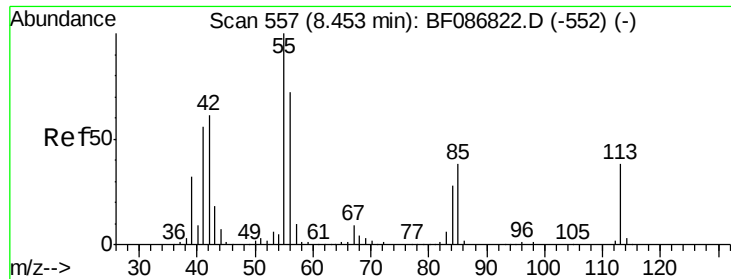
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#34
Hexachlorobutadiene
Concen: 41.76 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	201026		
223	61.7	51.5	77.3	
227	64.7	52.2	78.2	





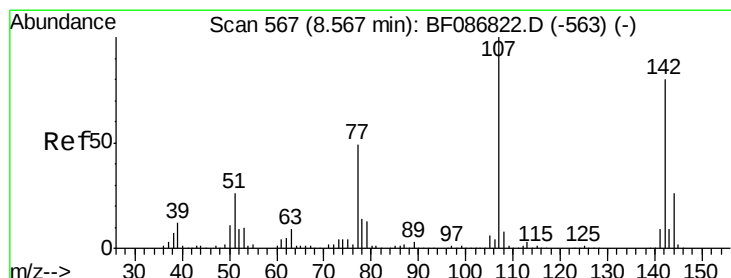
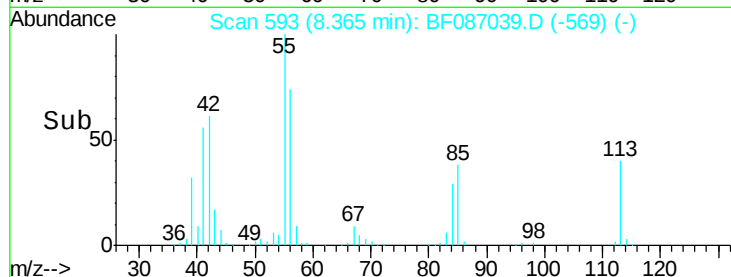
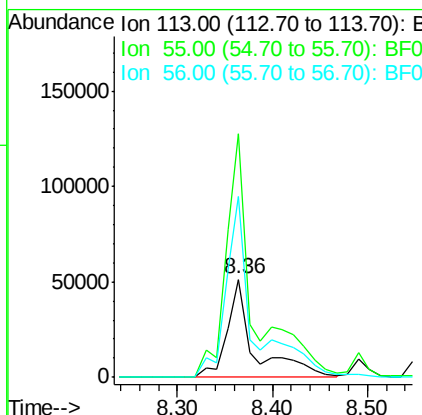
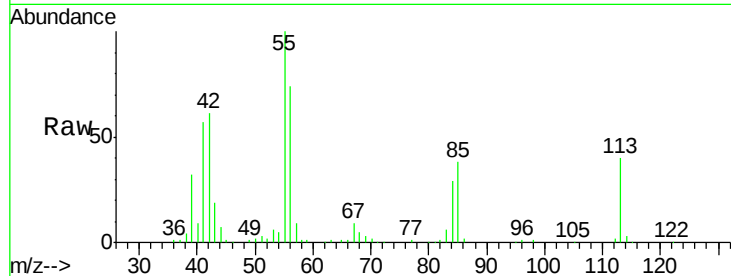
#35
 Caprolactam
 Concen: 40.60 ng m
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF087039.D
 Acq: 15 May 2016 00:32

Instrument :
 BNA_F
 ClientSampleId :
 PB90536BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	102481		
55	248.9	162.0	202.0#	
56	184.3	115.3	155.3#	

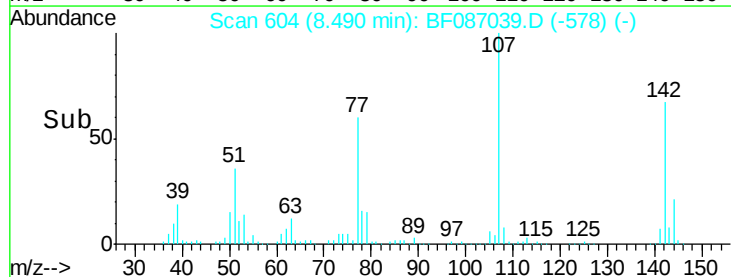
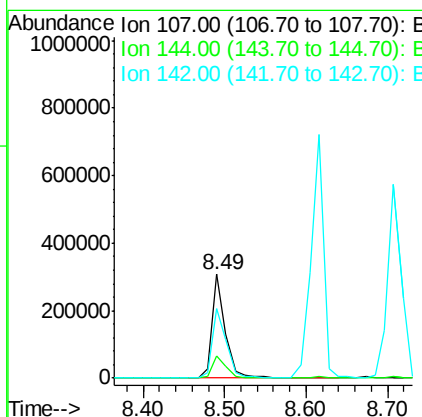
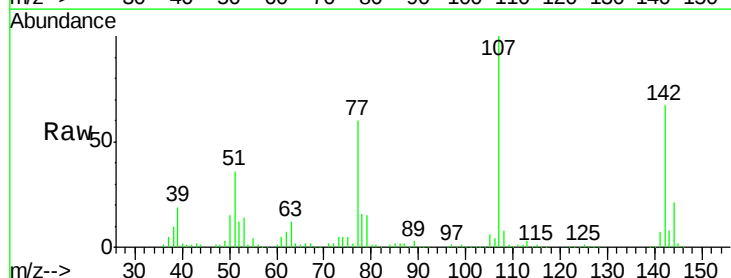
Manual Integrations
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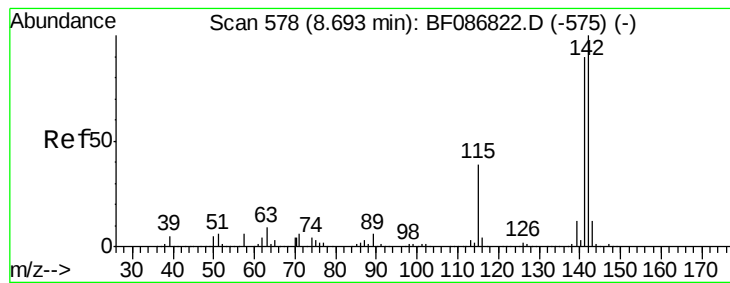
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#36
 4-Chloro-3-methylphenol
 Concen: 39.10 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF087039.D
 Acq: 15 May 2016 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	351870		
144	21.3	20.7	31.1	
142	67.1	63.2	94.8	





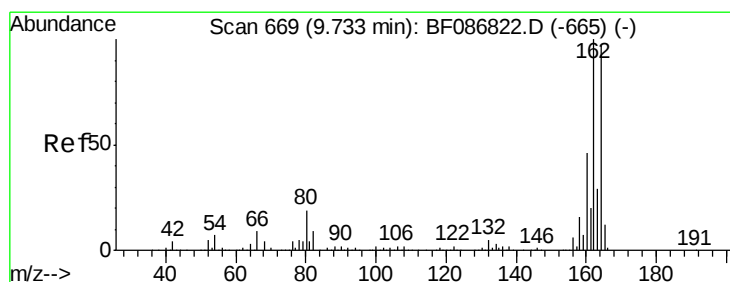
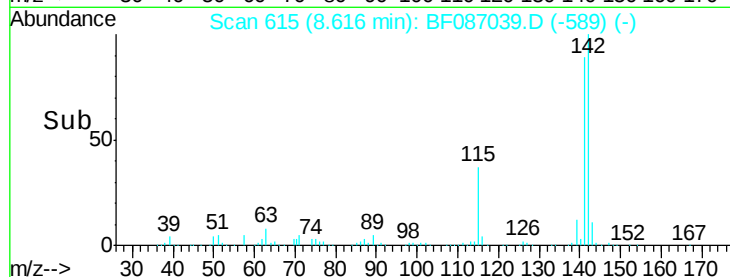
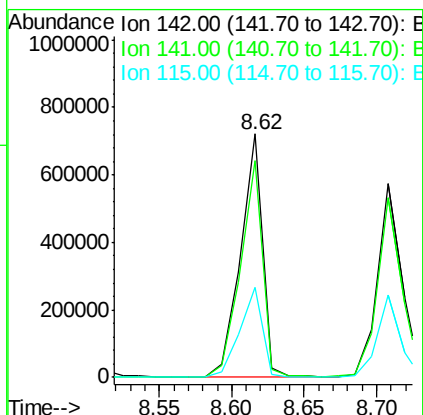
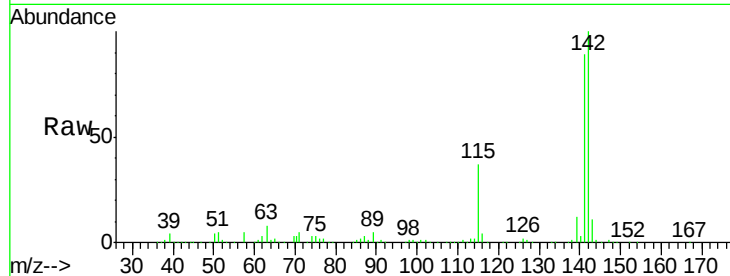
#37
2-Methylnaphthalene
Concen: 47.23 ng
RT: 8.62 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90536BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	760073		
141	89.1	71.0	106.6	
115	37.0	26.6	39.8	

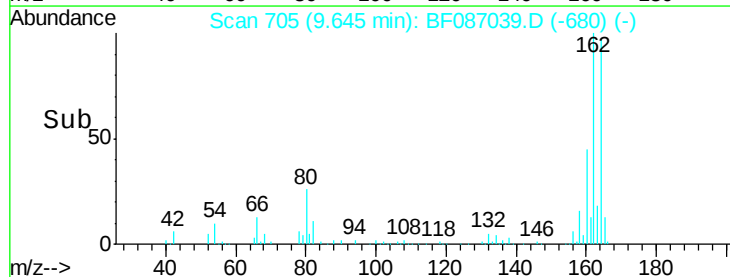
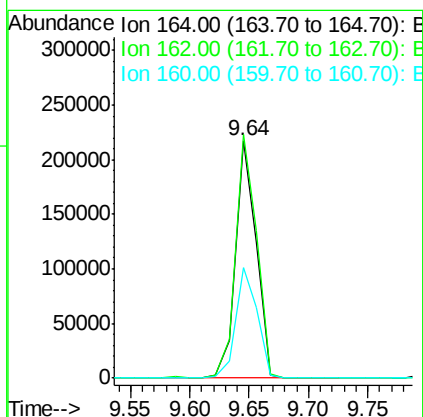
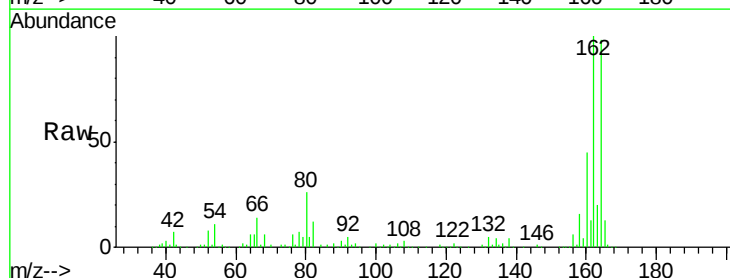
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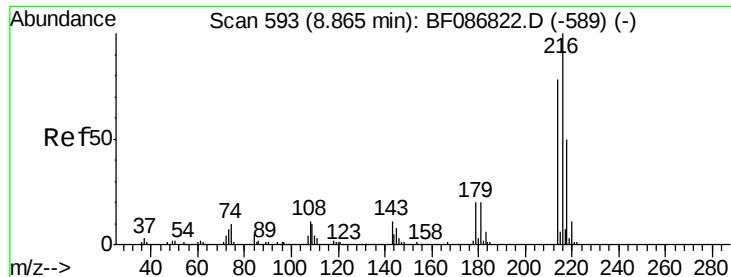
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	262588		
162	102.6	82.8	124.2	
160	46.6	36.9	55.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.08 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF087039.D

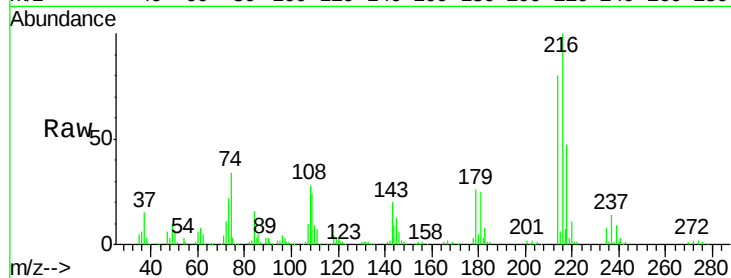
Acq: 15 May 2016 00:32

Instrument :

BNA_F

ClientSampleId :

PB90536BS



Tgt Ion: 216 Resp: 298379

Ion Ratio Lower Upper

216 100

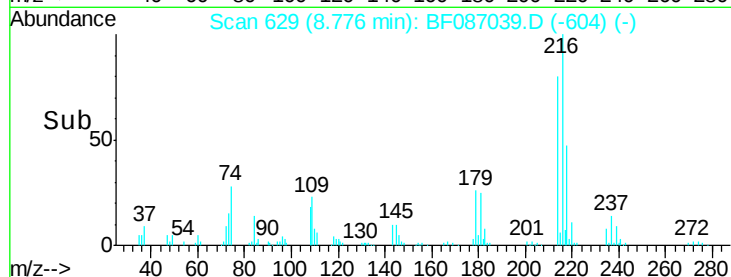
214 79.0 62.6 93.8

179 23.1 18.2 27.4

108 25.7 17.5 26.3

Manual Integrations
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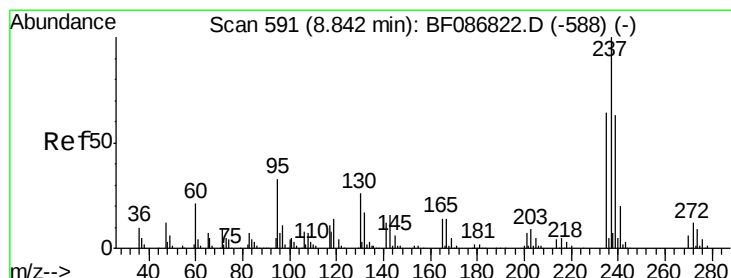
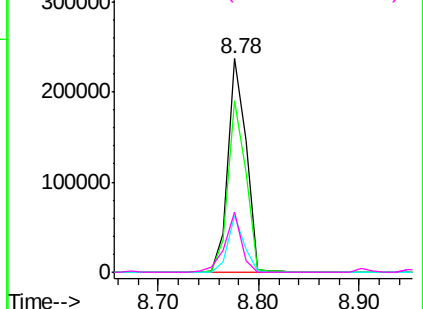


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 71.18 ng

RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

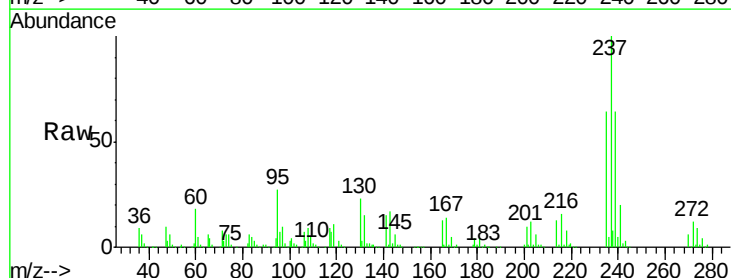
Tgt Ion: 237 Resp: 257940

Ion Ratio Lower Upper

237 100

235 64.2 47.2 87.2

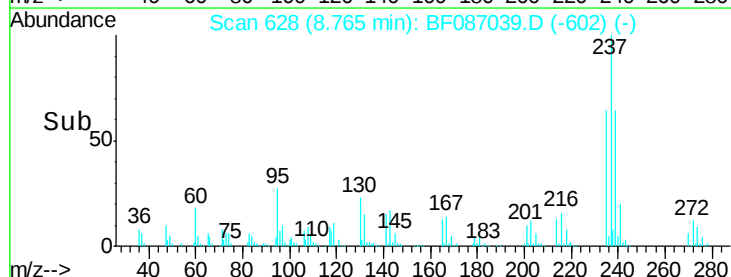
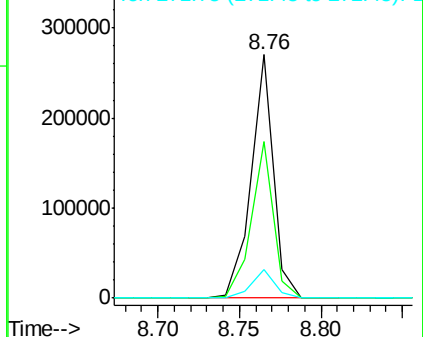
272 11.9 0.0 31.1

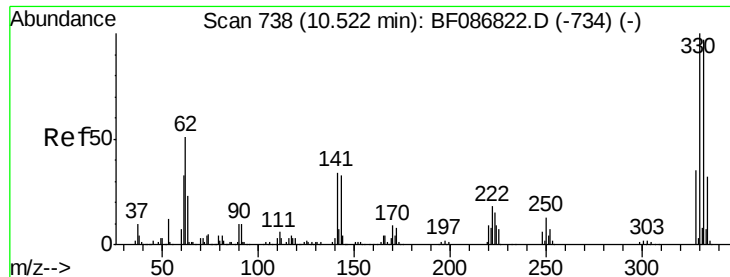


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





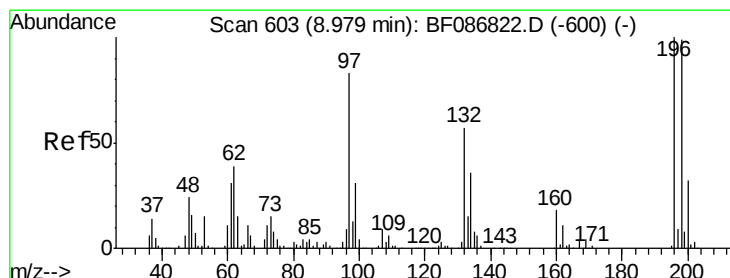
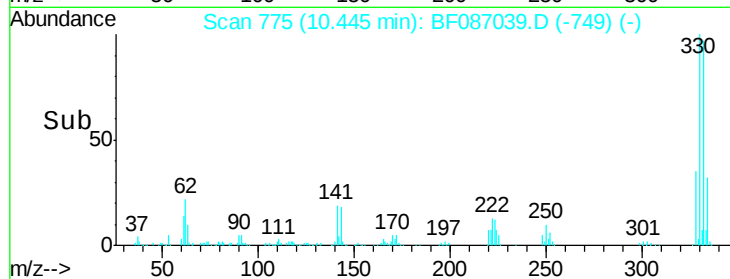
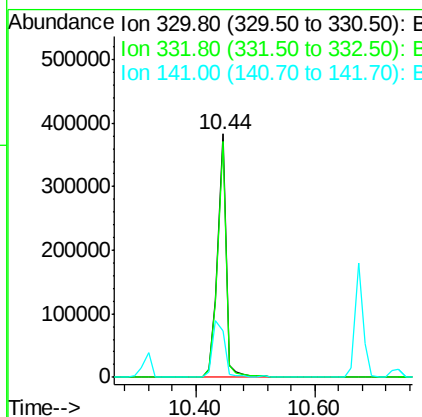
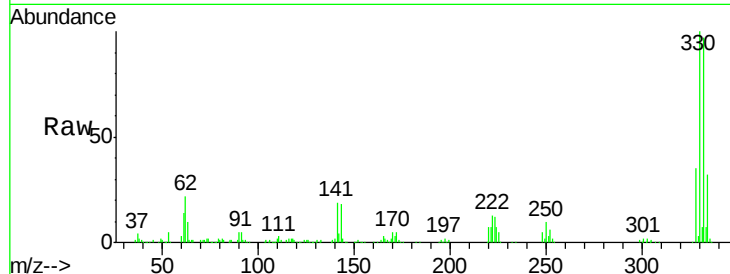
#41
 2,4,6-Tribromophenol
 Concen: 140.11 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF087039.D
 Acq: 15 May 2016 00:32

Instrument :
 BNA_F
 ClientSampleID :
 PB90536BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	389507		
332	96.8	79.0	118.4	
141	32.3	31.2	46.8	

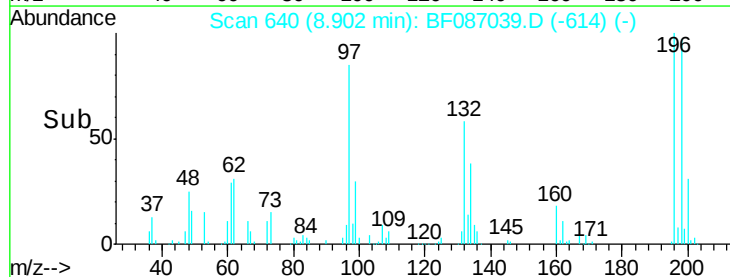
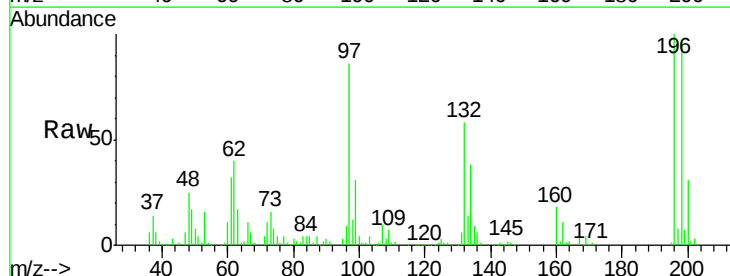
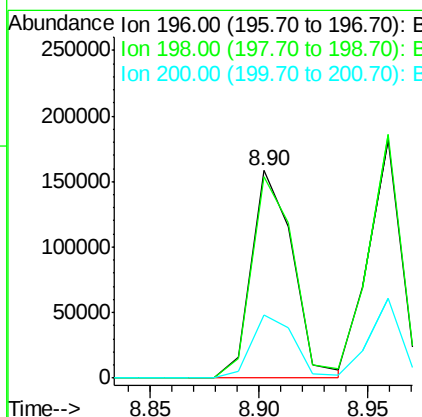
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 41.15 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF087039.D
 Acq: 15 May 2016 00:32

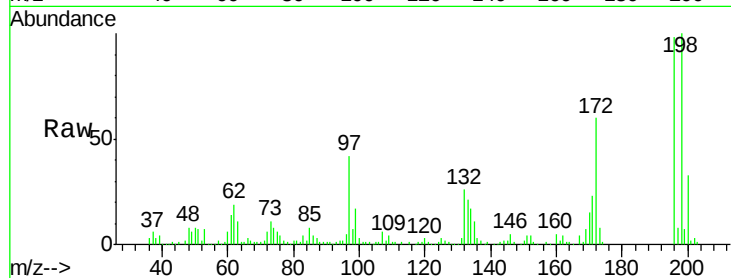
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	210084		
198	97.2	74.7	112.1	
200	30.5	23.8	35.6	





#43
 2,4,5-Trichlorophenol
 Concen: 38.41 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF087039.D
 Acq: 15 May 2016 00:32

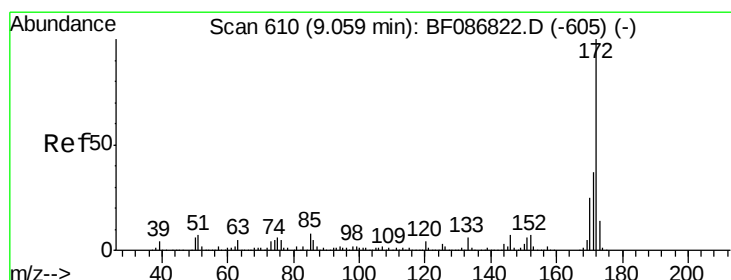
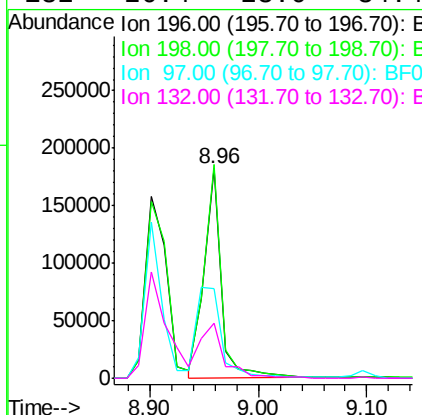
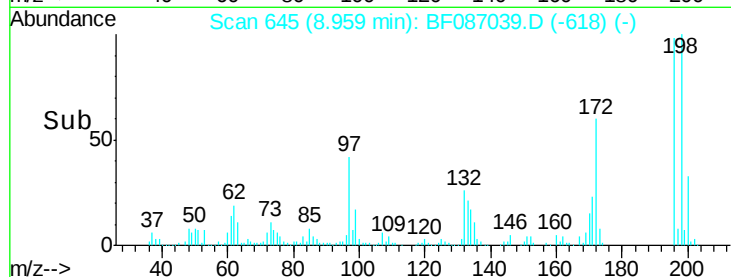
Instrument :
 BNA_F
 ClientSampleId :
 PB90536BS



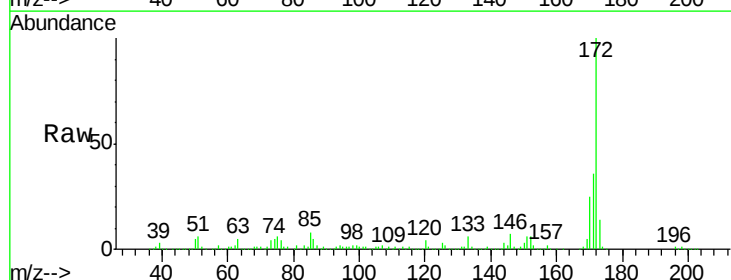
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	202801		
198	101.9	77.5	116.3	
97	42.6	34.8	52.2	
132	26.4	23.0	34.4	

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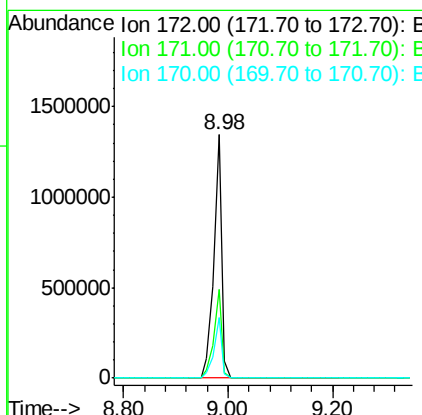
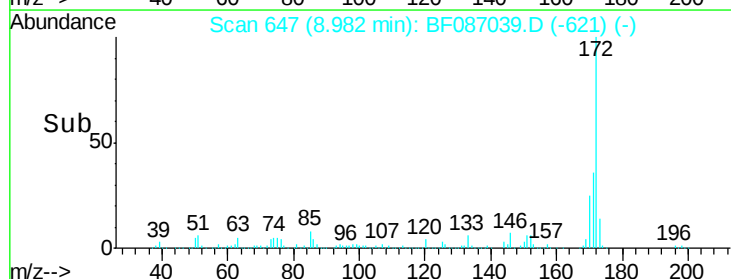
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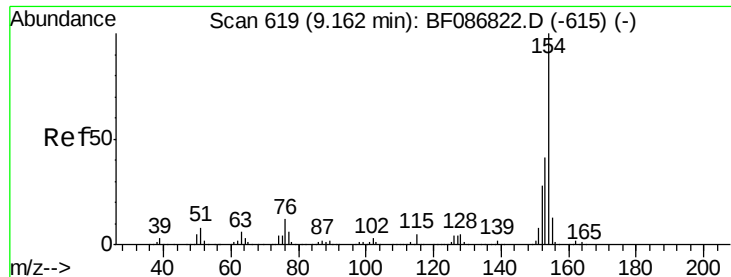


#44
 2-Fluorobiphenyl
 Concen: 91.30 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087039.D
 Acq: 15 May 2016 00:32



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1426542		
171	36.5	29.0	43.6	
170	25.1	19.8	29.8	





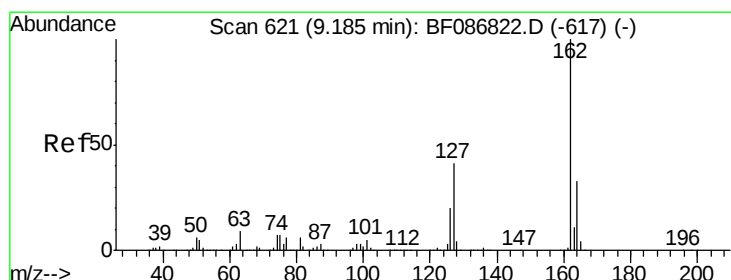
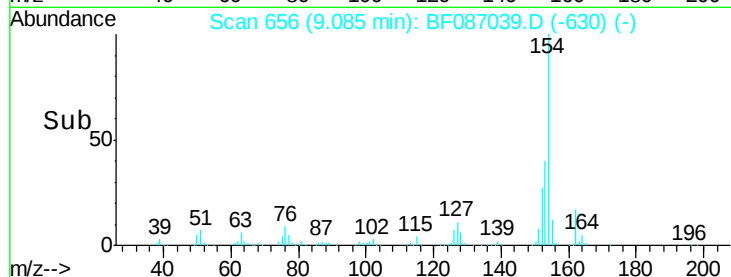
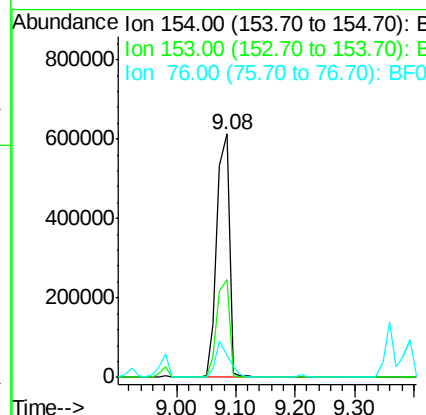
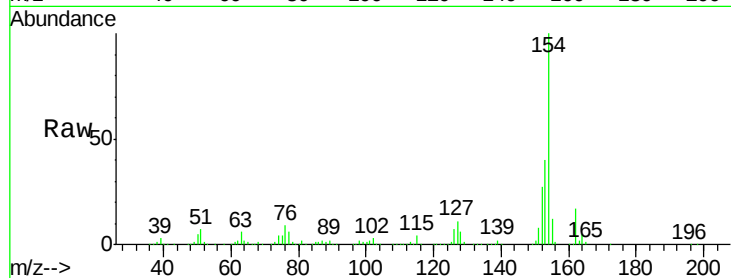
#45
 1,1'-Biphenyl
 Concen: 43.14 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF087039.D
 Acq: 15 May 2016 00:32

Instrument :
 BNA_F
 ClientSampleId :
 PB90536BS

Tgt Ion:	154	Resp:	900963
Ion Ratio	Lower	Upper	
154	100		
153	40.0	20.3	60.3
76	9.3	0.0	30.2

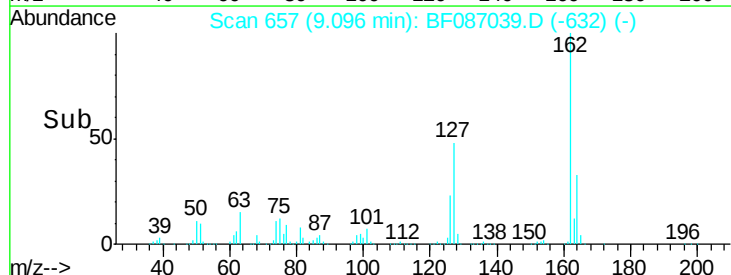
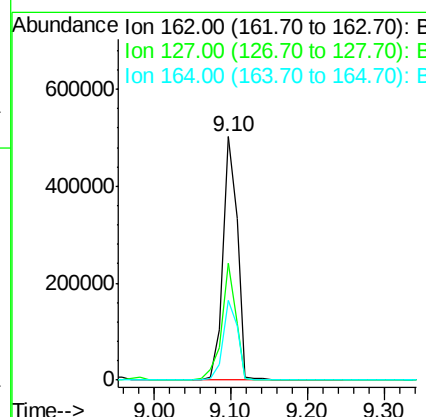
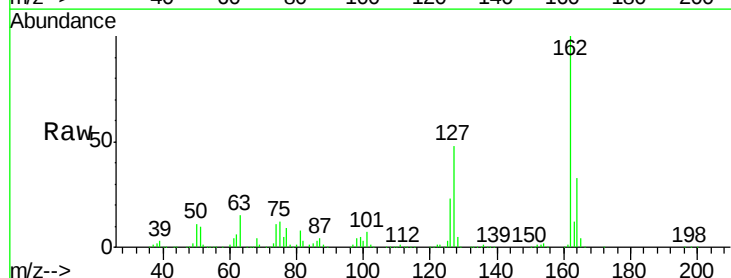
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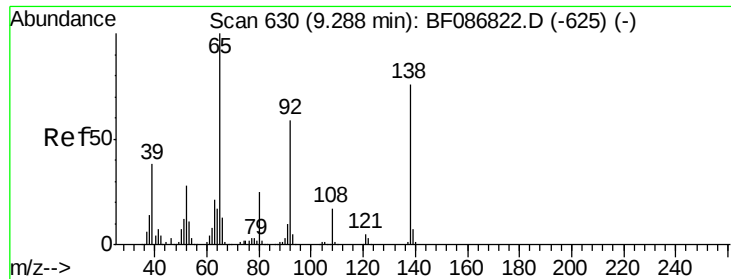
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#46
 2-Chloronaphthalene
 Concen: 40.50 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BF087039.D
 Acq: 15 May 2016 00:32

Tgt Ion:	162	Resp:	662715
Ion Ratio	Lower	Upper	
162	100		
127	48.0	31.8	47.6#
164	32.7	27.0	40.6





#47

2-Nitroaniline

Concen: 44.19 ng

RT: 9.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

Instrument :

BNA_F

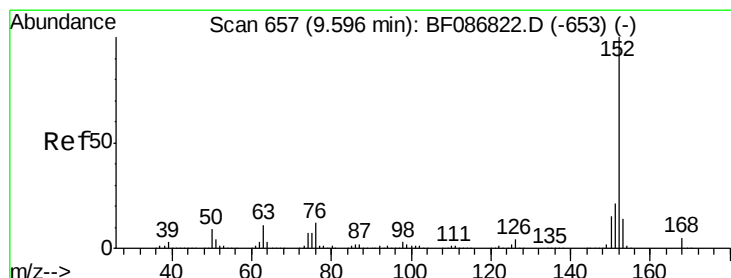
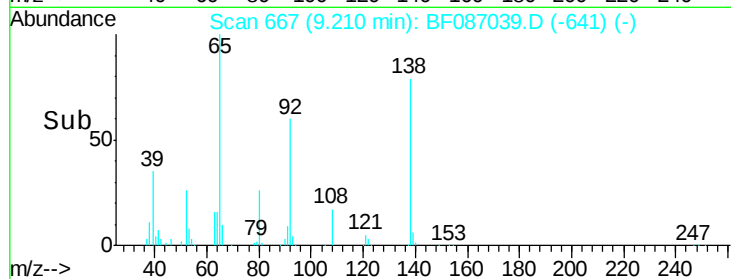
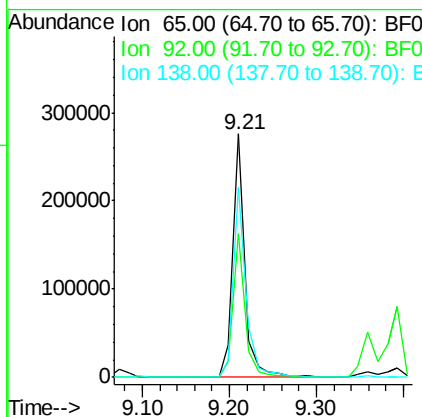
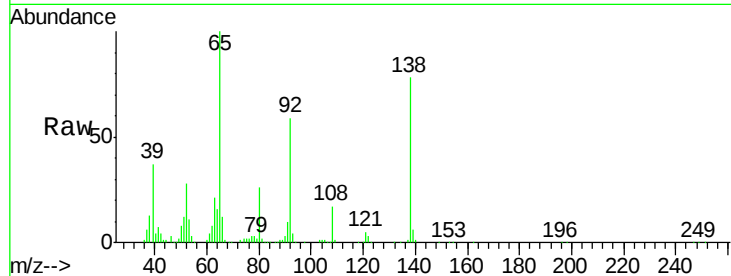
ClientSampleId :

PB90536BS

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Tgt Ion:	65	Resp:	264278
Ion Ratio	Lower	Upper	
65	100		
92	59.0	57.4	86.2
138	77.7	90.1	135.1#



#48

Acenaphthylene

Concen: 42.19 ng

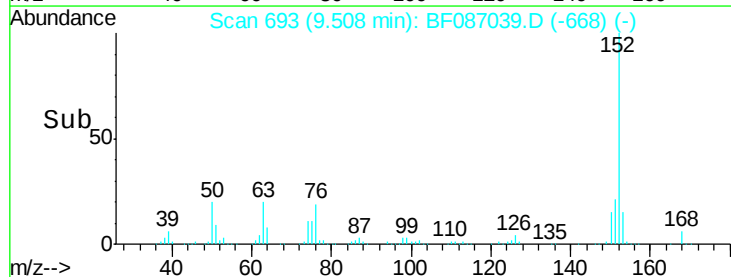
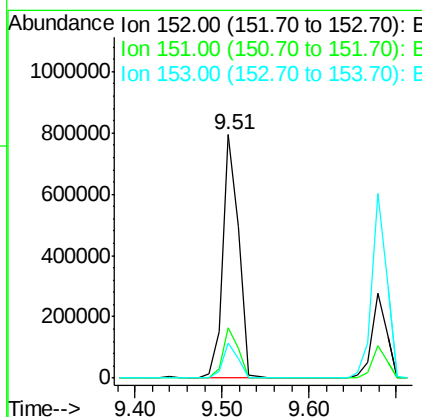
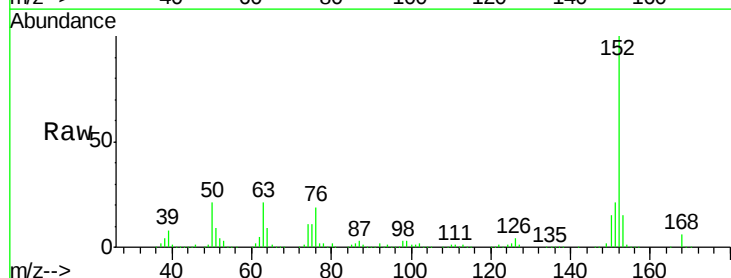
RT: 9.51 min Scan# 693

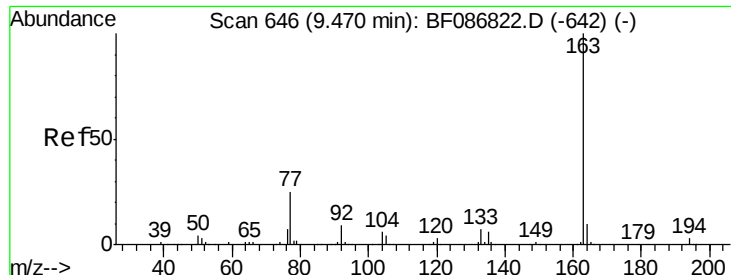
Delta R.T. -0.01 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

Tgt Ion:	152	Resp:	1015363
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.8	25.2
153	14.6	10.9	16.3





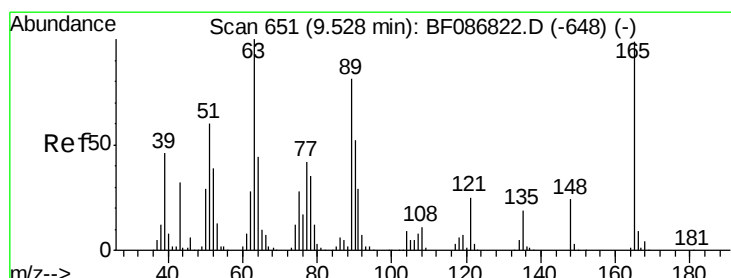
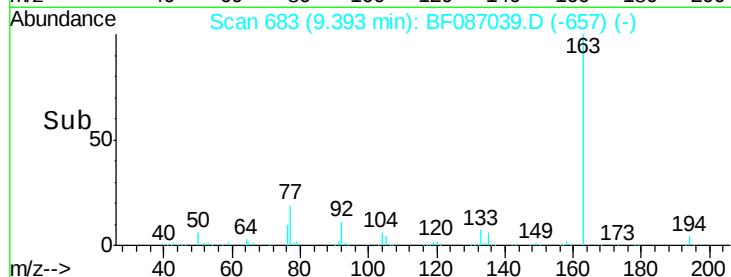
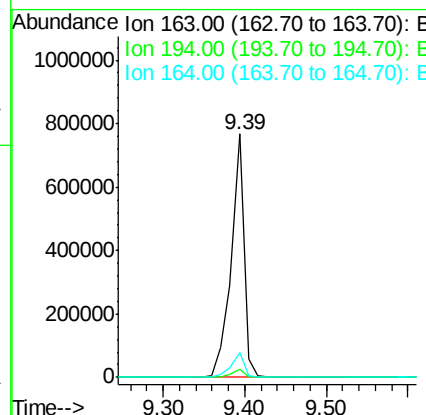
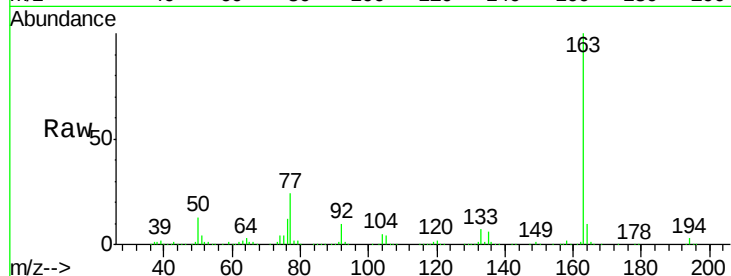
#49
Dimethylphthalate
Concen: 41.78 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90536BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	836913		
194	3.3	2.6	4.0	
164	10.4	8.2	12.4	

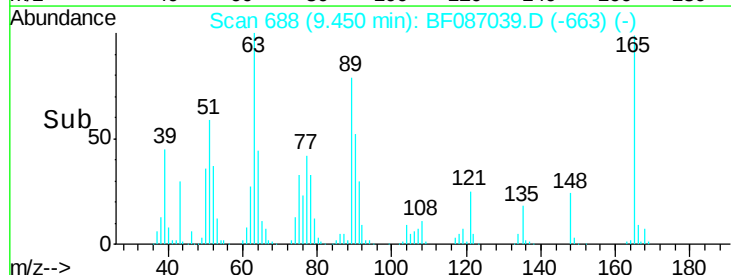
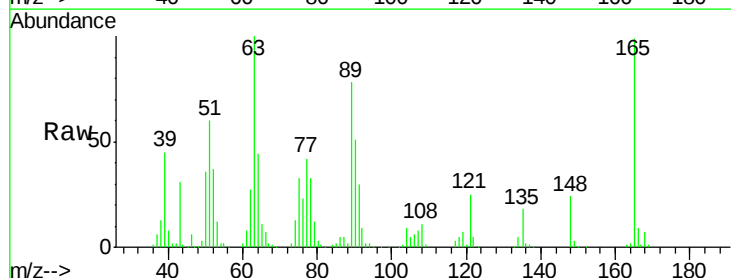
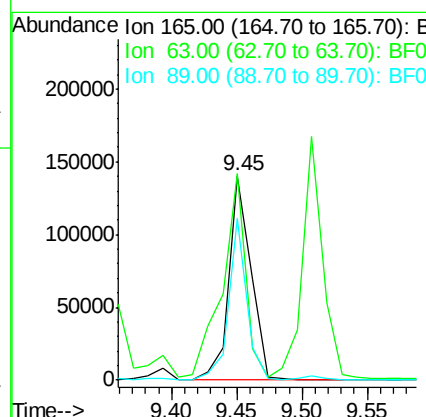
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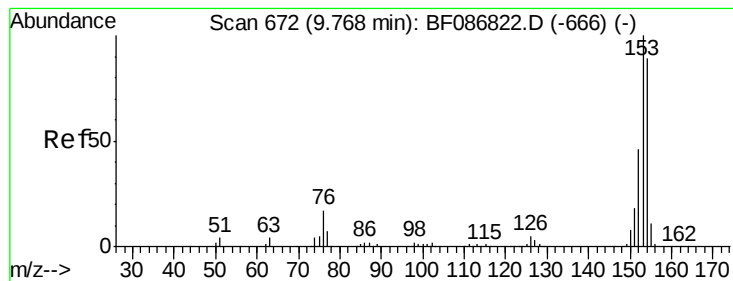
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#50
2,6-Dinitrotoluene
Concen: 39.08 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	164747		
63	101.3	51.8	77.8#	
89	79.3	50.7	76.1#	





#51

Acenaphthene

Concen: 42.23 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

Instrument :

BNA_F

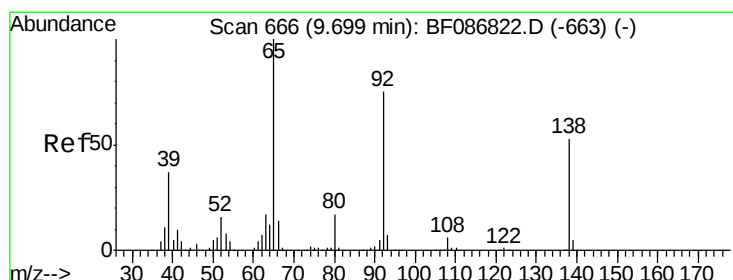
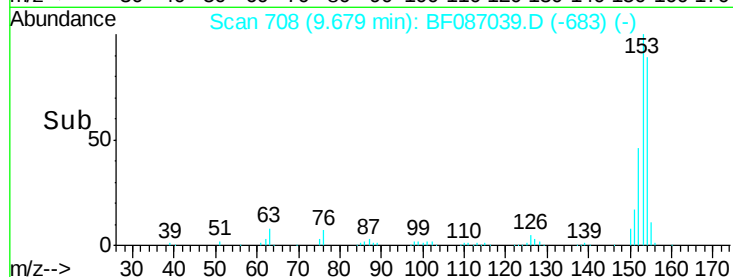
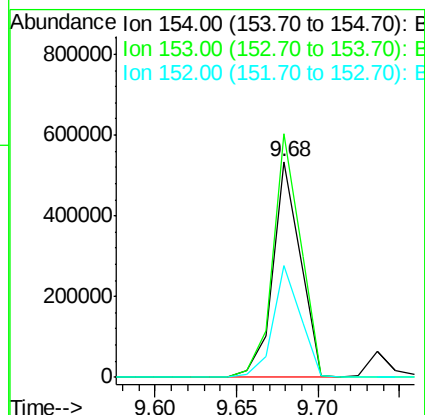
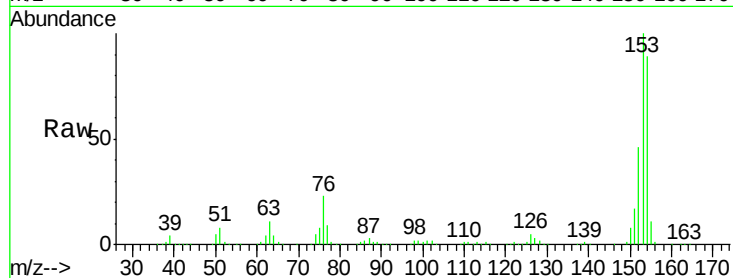
ClientSampleId :

PB90536BS

Tgt Ion:	154	Resp:	632329
Ion Ratio	Lower	Upper	
154	100		
153	112.7	89.8	134.6
152	51.9	43.4	65.0

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#52

3-Nitroaniline

Concen: 14.77 ng

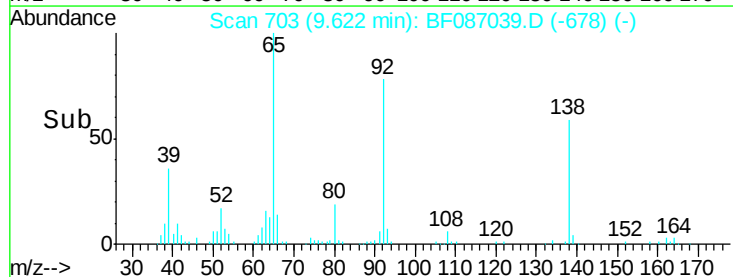
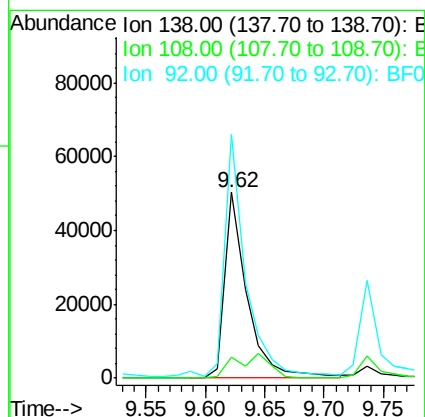
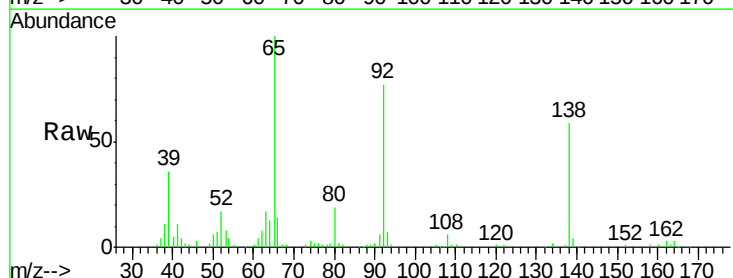
RT: 9.62 min Scan# 703

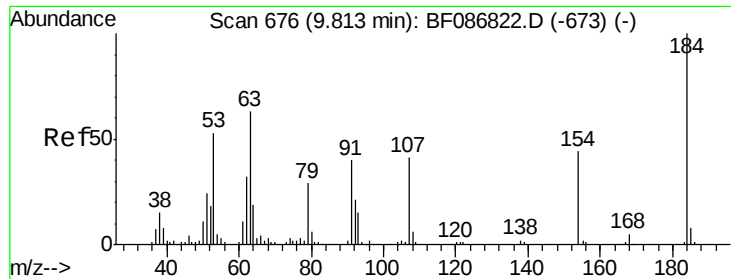
Delta R.T. -0.01 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

Tgt Ion:	138	Resp:	65562
Ion Ratio	Lower	Upper	
138	100		
108	10.9	7.8	11.6
92	131.1	87.8	131.8





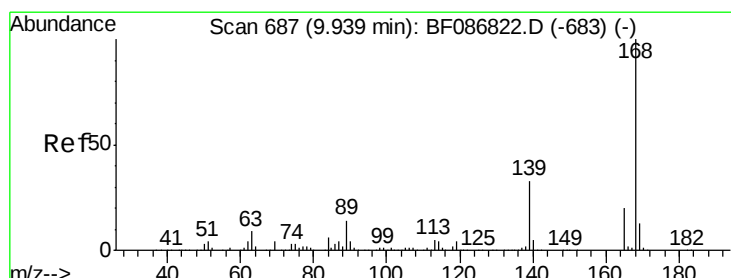
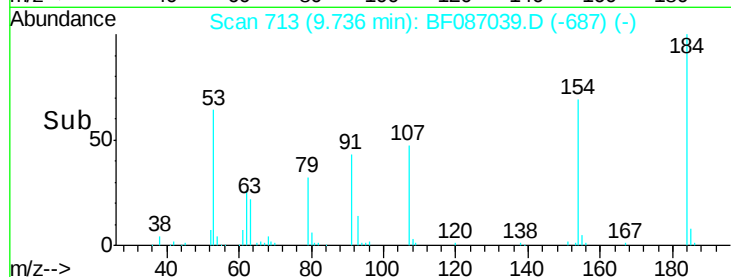
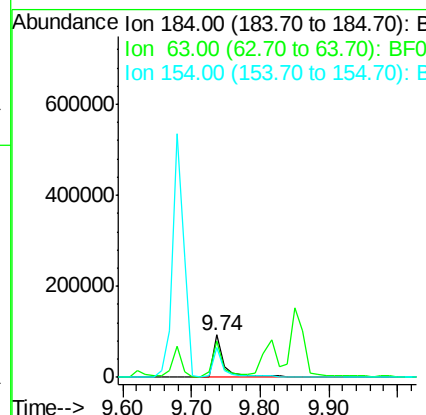
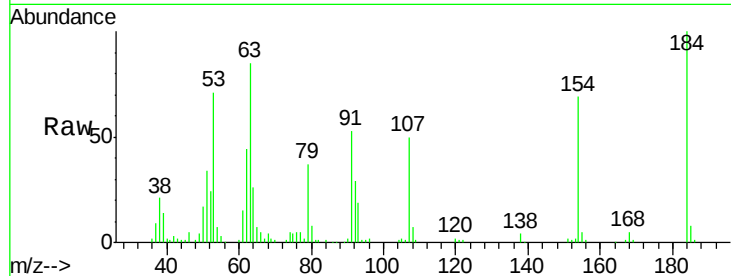
#53
2,4-Dinitrophenol
Concen: 54.95 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90536BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	112653		
63	85.5	55.8	83.8#	
154	69.2	62.4	93.6	

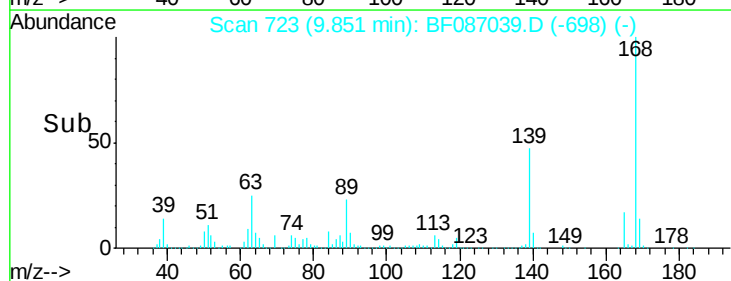
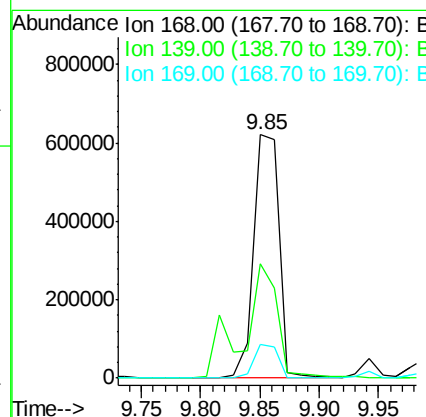
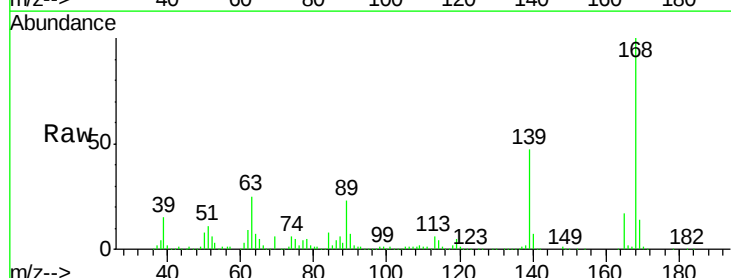
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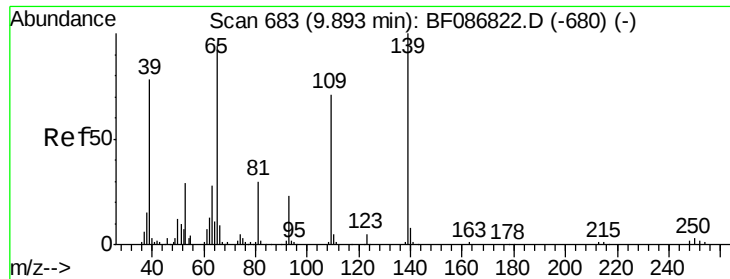
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#54
Dibenzofuran
Concen: 48.33 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	928891		
139	46.9	31.4	47.0	
169	14.0	10.7	16.1	





#55

4-Nitrophenol

Concen: 55.16 ng m

RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

Instrument :

BNA_F

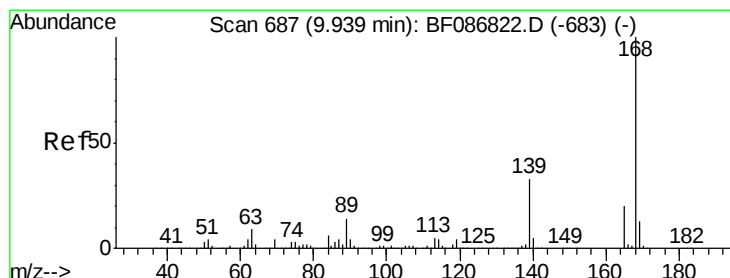
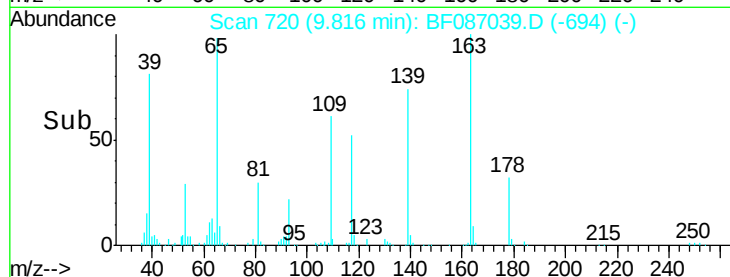
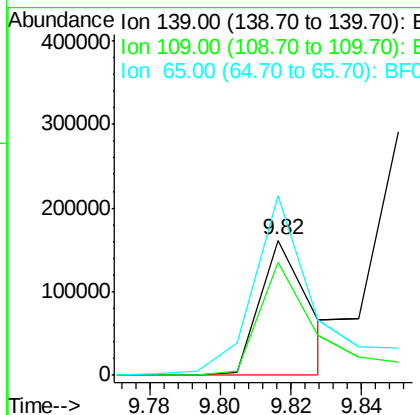
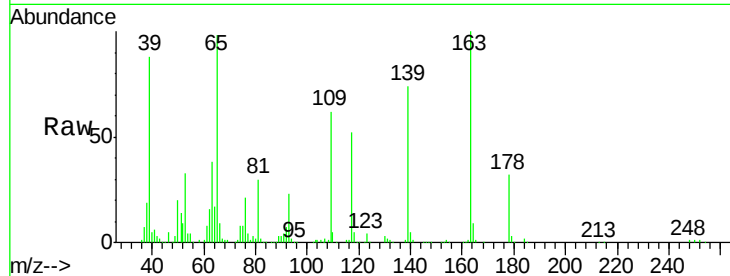
ClientSampled :

PB90536BS

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Tgt Ion:	139	Resp:	158799
Ion Ratio	Lower	Upper	
139	100		
109	83.9	36.9	76.9#
65	133.4	64.0	104.0#



#56

2,4-Dinitrotoluene

Concen: 44.97 ng

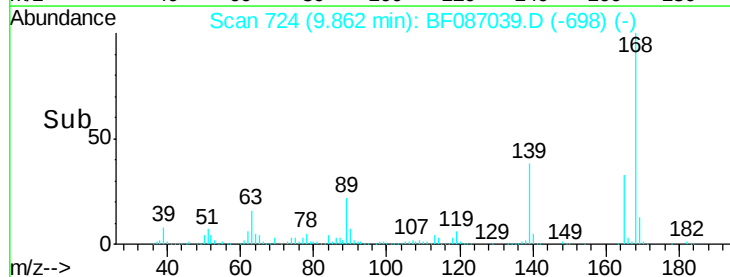
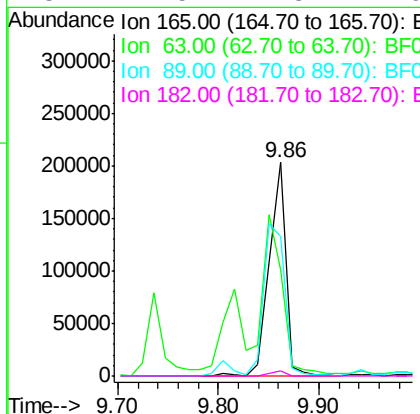
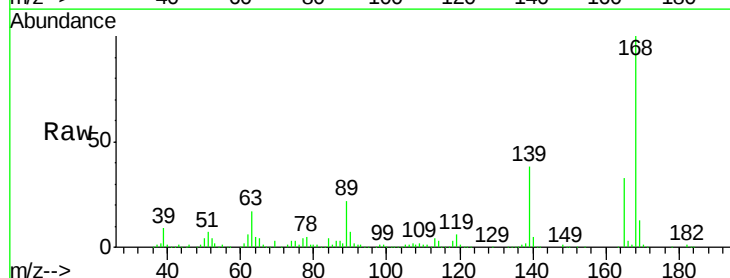
RT: 9.86 min Scan# 724

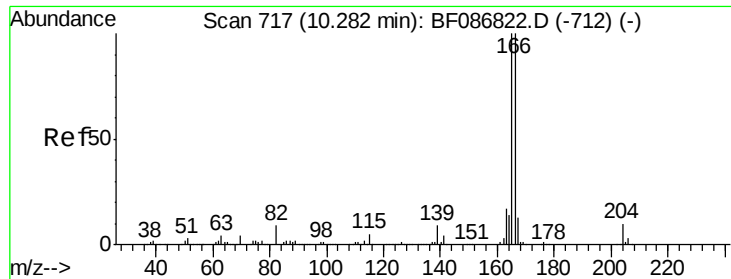
Delta R.T. 0.00 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

Tgt Ion:	165	Resp:	234638
Ion Ratio	Lower	Upper	
165	100		
63	49.7	44.3	66.5
89	65.1	70.0	105.0#
182	2.5	1.8	2.6





#57

Fluorene

Concen: 40.97 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF087039.D

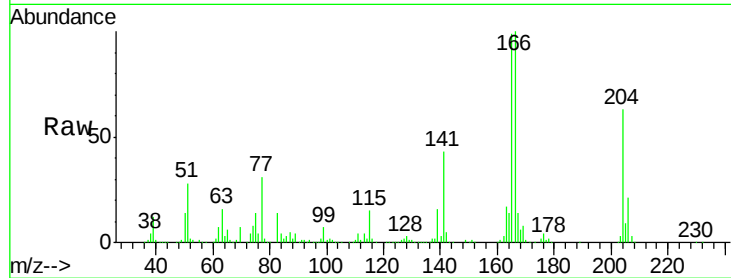
Acq: 15 May 2016 00:32

Instrument :

BNA_F

ClientSampleId :

PB90536BS



Tgt Ion:166 Resp: 671622

Ion Ratio Lower Upper

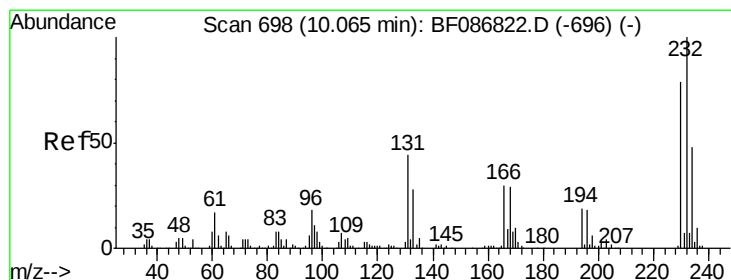
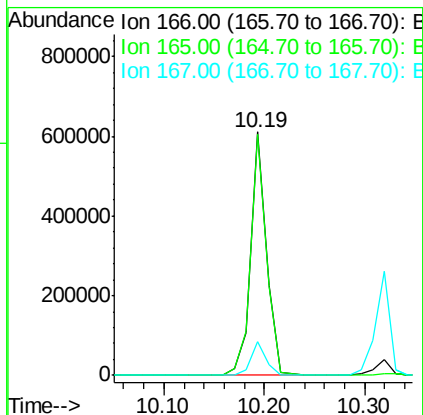
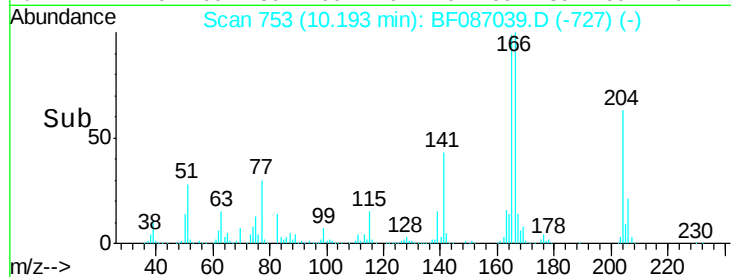
166 100

165 99.2 79.0 118.6

167 14.0 10.6 15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.74 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

Tgt Ion:232 Resp: 189746

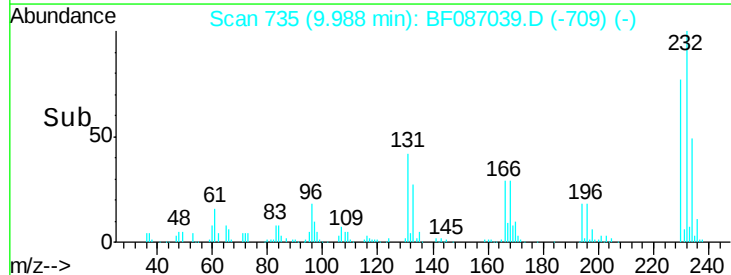
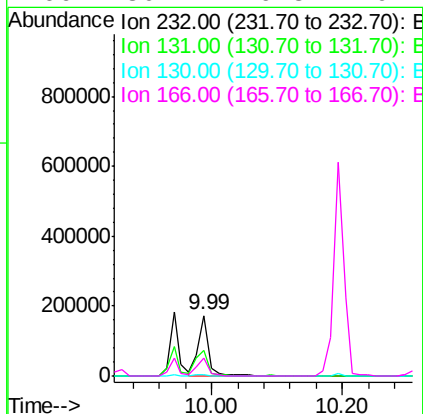
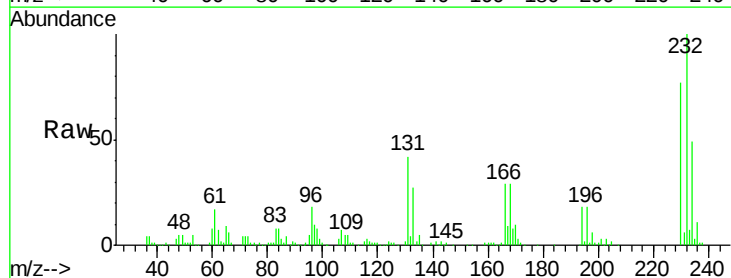
Ion Ratio Lower Upper

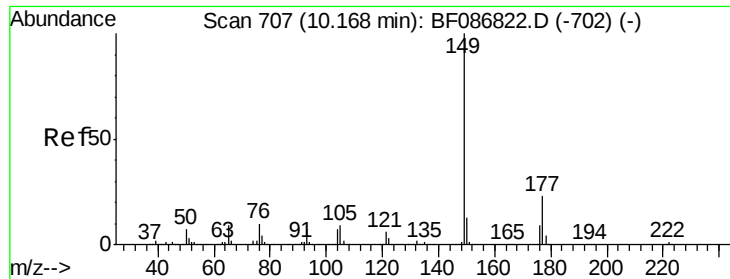
232 100

131 50.0 41.9 62.9

130 2.6 2.2 3.4

166 30.7 26.8 40.2





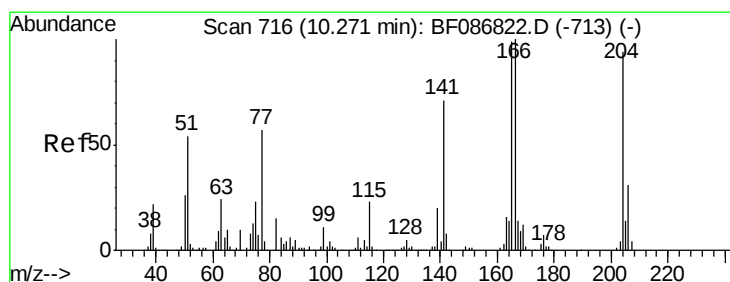
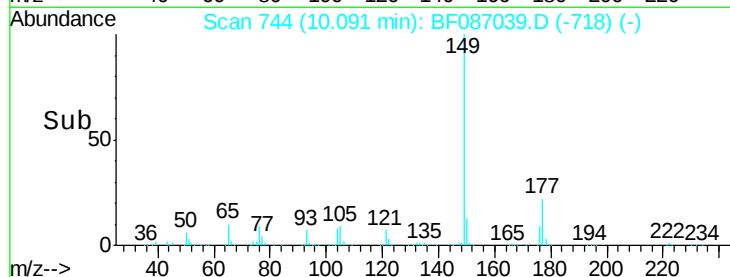
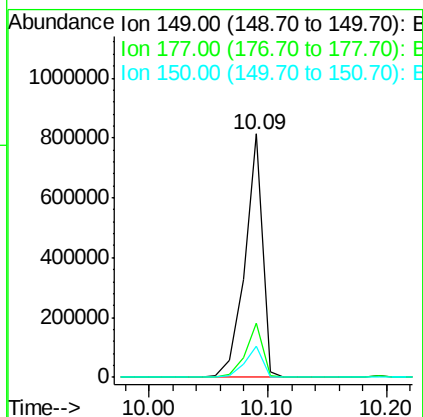
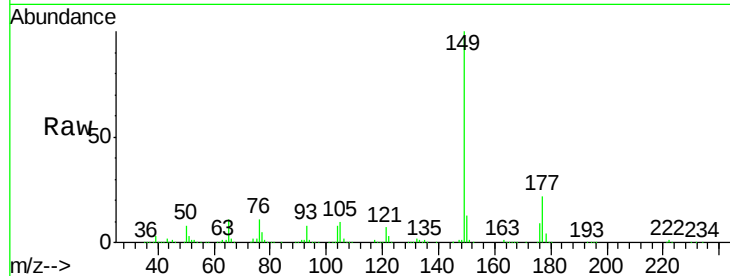
#59
Diethylphthalate
Concen: 43.26 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Instrument :
BNA_F
ClientSampled :
PB90536BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	16.6	24.8
150	12.7	10.0	15.0

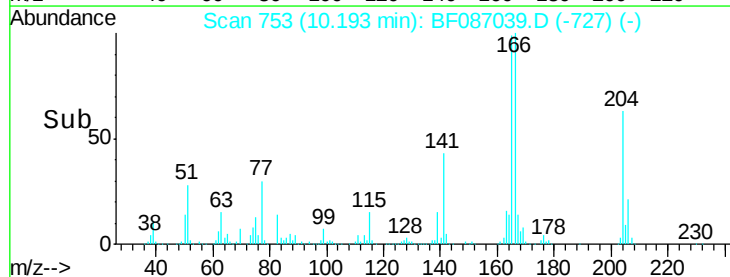
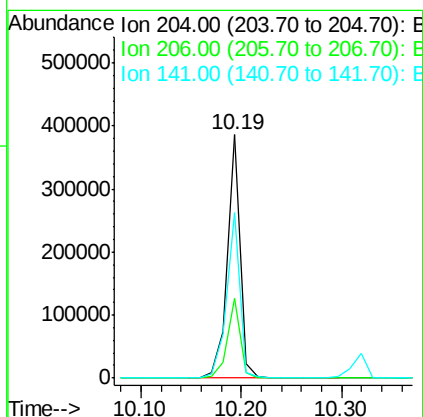
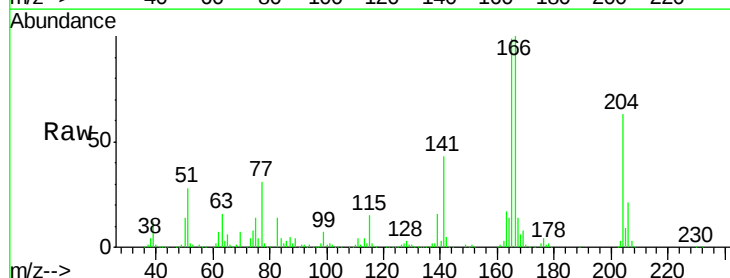
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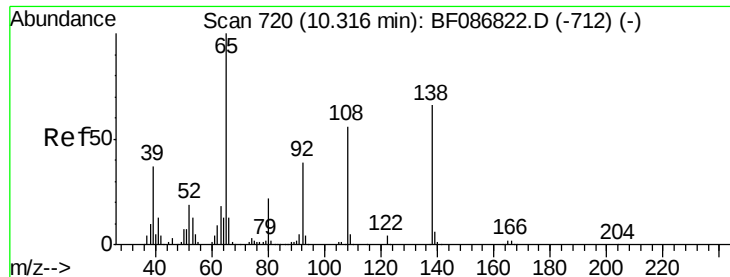
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#60
4-Chlorophenyl-phenylether
Concen: 48.94 ng
RT: 10.19 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.4	38.0
141	67.9	61.6	92.4





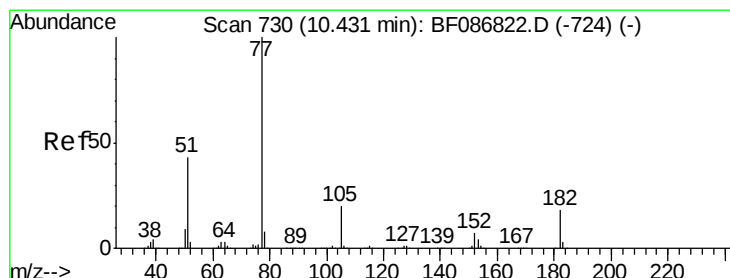
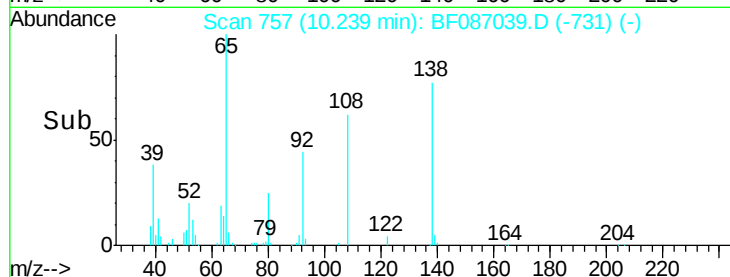
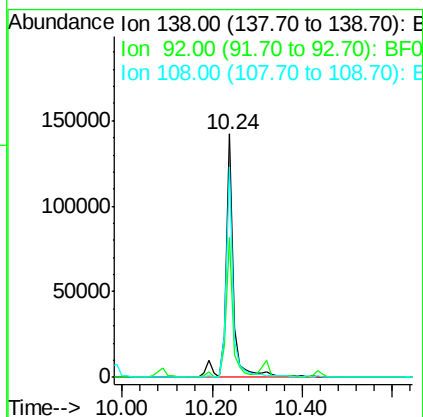
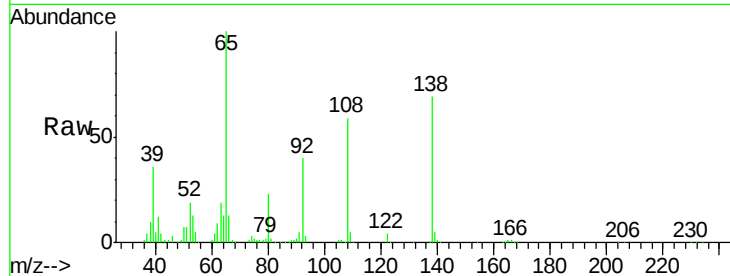
#61
4-Nitroaniline
Concen: 39.14 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90536BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	166864		
92	57.5	24.7	64.7	
108	86.4	37.4	77.4#	

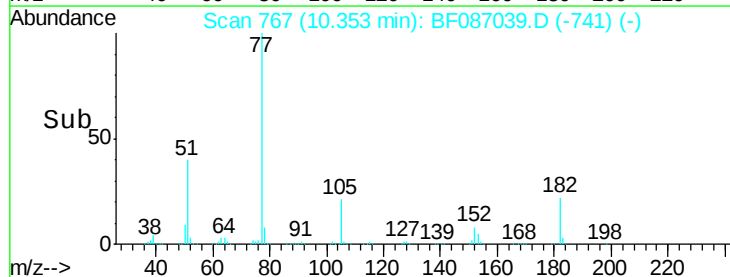
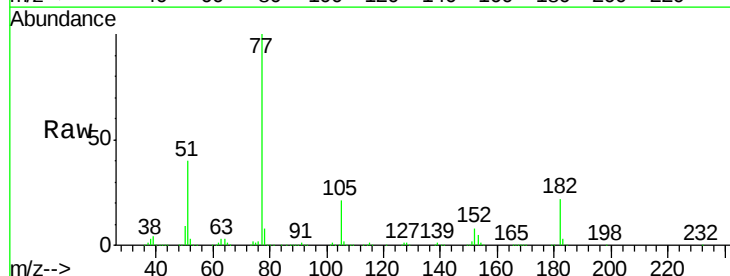
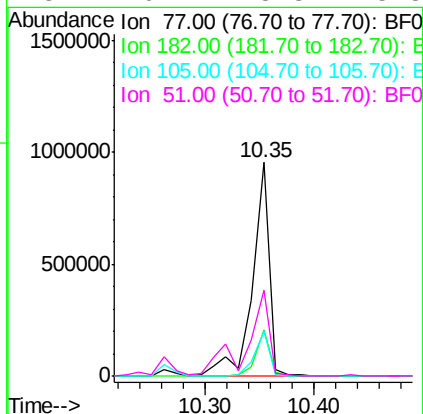
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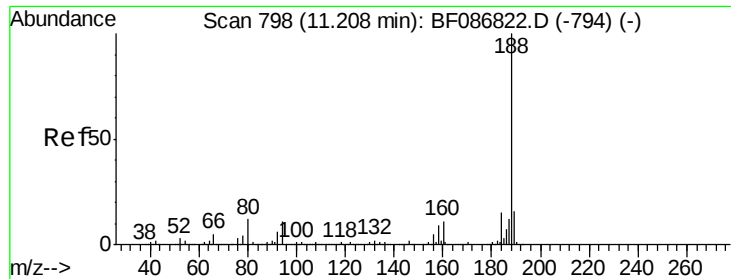
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#62
Azobenzene
Concen: 48.70 ng
RT: 10.35 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1025602		
182	21.5	0.0	38.8	
105	20.8	3.2	43.2	
51	40.4	8.8	48.8	





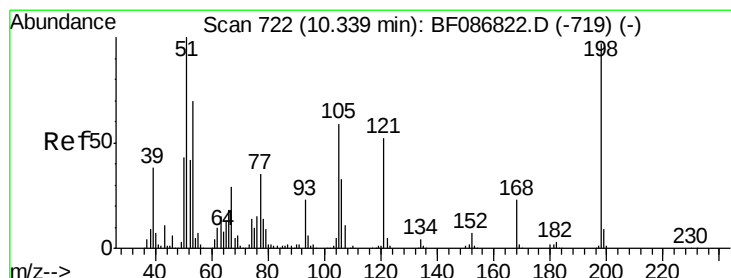
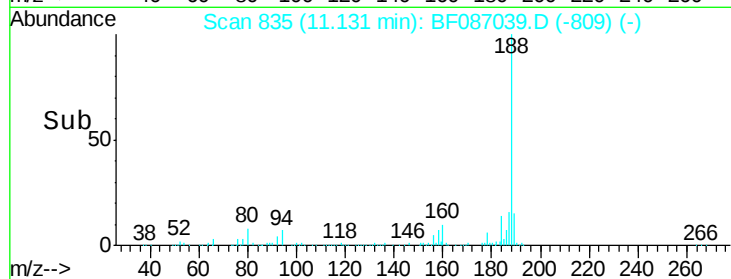
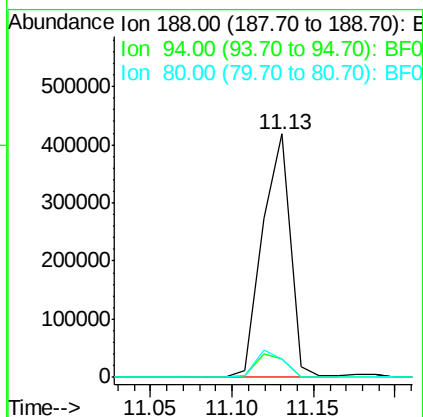
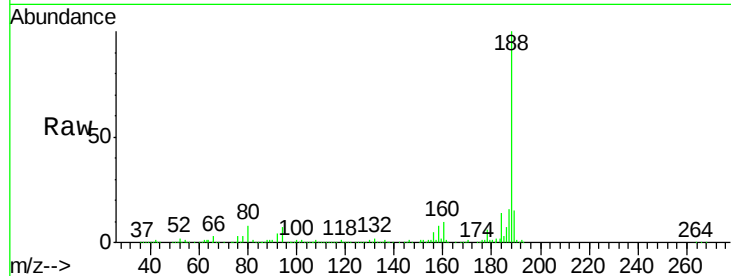
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90536BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.3	6.8	10.2
80	7.6	7.1	10.7

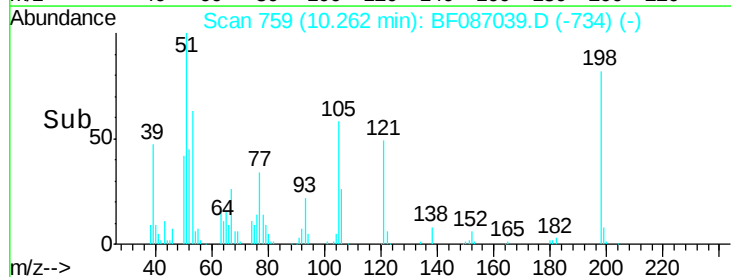
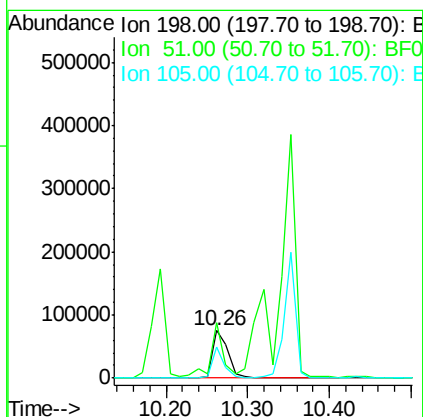
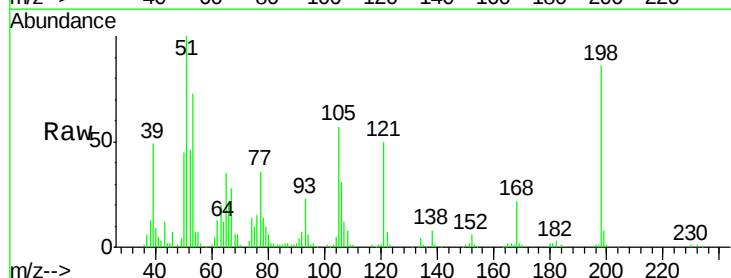
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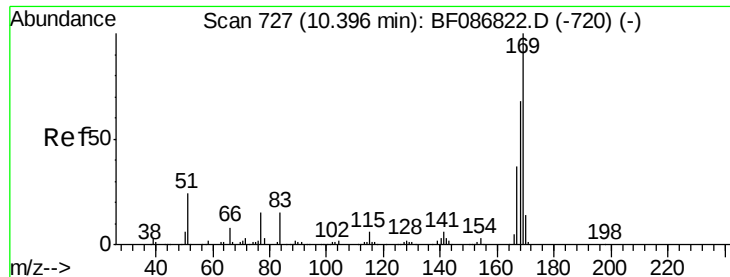
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.54 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	115.8	20.5	60.5#
105	66.1	24.5	64.5#





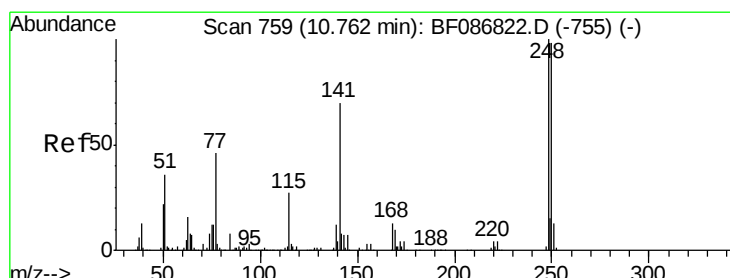
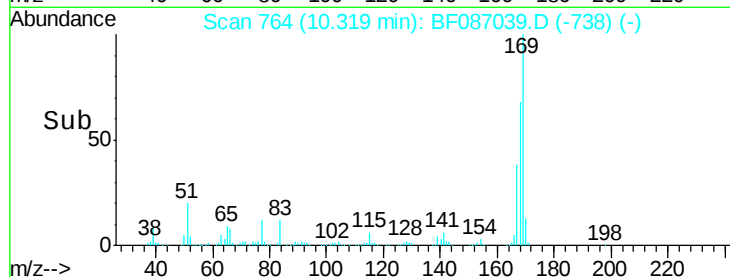
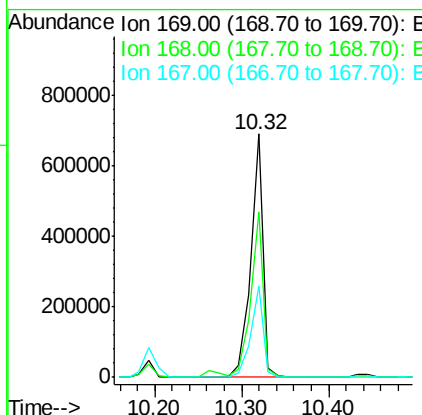
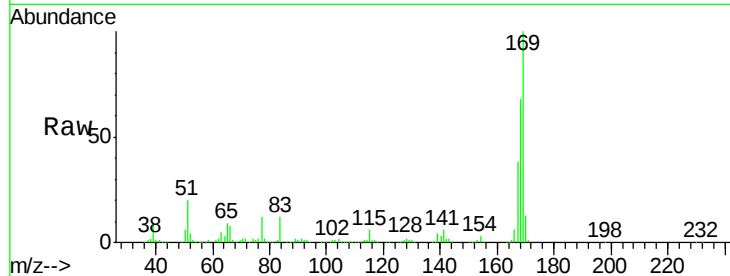
#65
n-Nitrosodiphenylamine
Concen: 44.93 ng
RT: 10.32 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90536BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	689100		
168	67.9	53.8	80.6	
167	37.7	29.5	44.3	

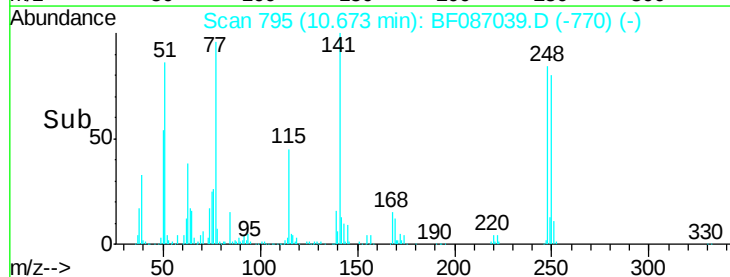
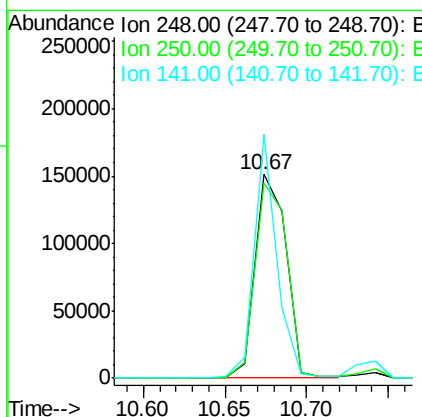
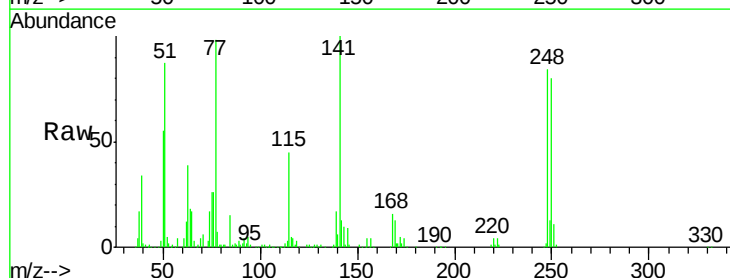
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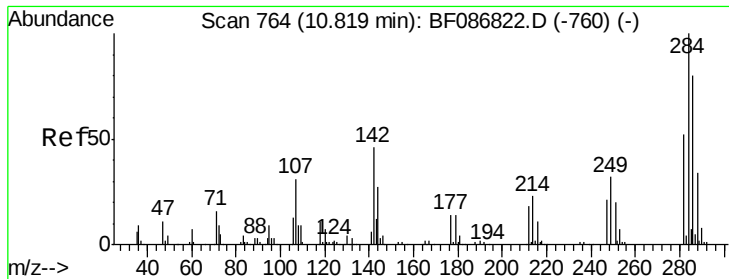
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#66
4-Bromophenyl-phenylether
Concen: 39.61 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	200479		
250	95.6	78.6	117.8	
141	119.7	76.0	114.0	





#67

Hexachlorobenzene

Concen: 42.79 ng

RT: 10.74 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF087039.D

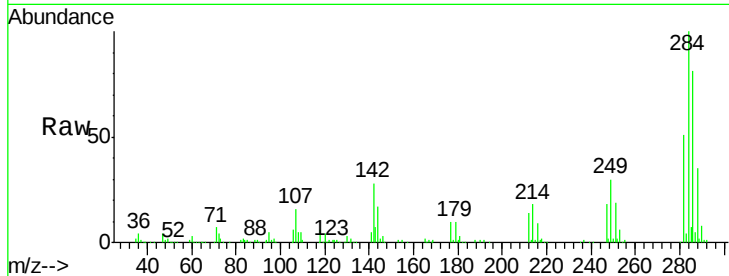
Acq: 15 May 2016 00:32

Instrument :

BNA_F

ClientSampleId :

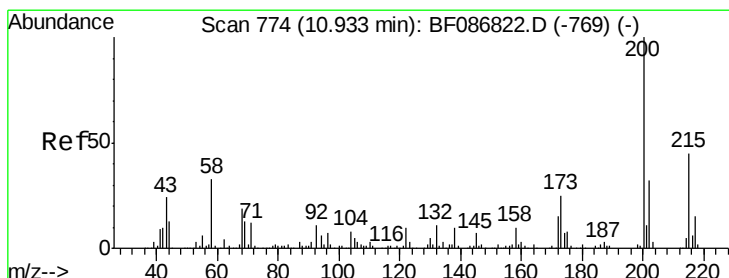
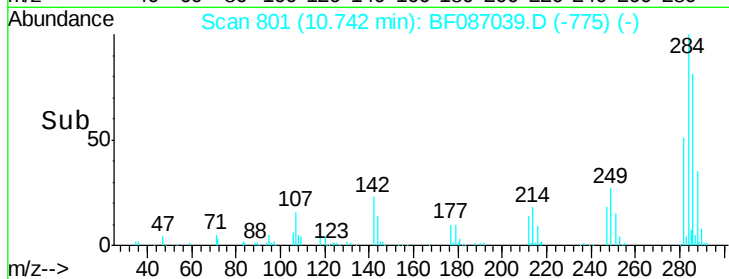
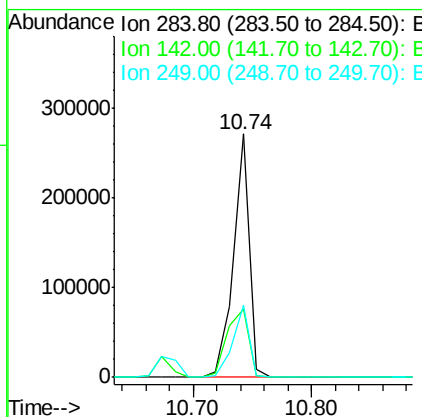
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Tgt Ion	Ratio	Resp	Lower	Upper
284	100	253118		
142	28.0	16.7	25.1#	
249	29.5	21.3	31.9	

Manual Integrations
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#68

Atrazine

Concen: 36.87 ng

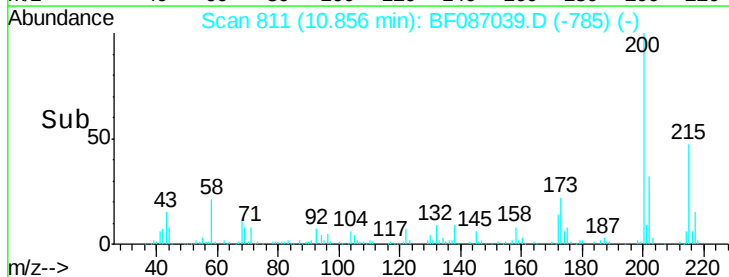
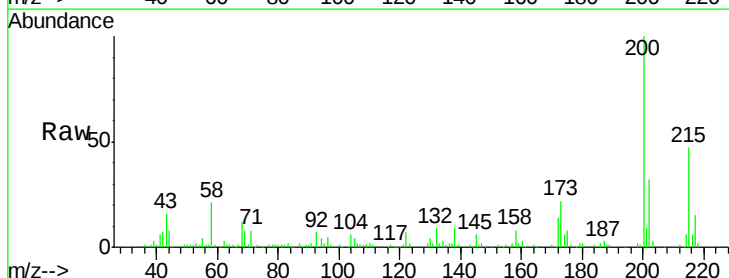
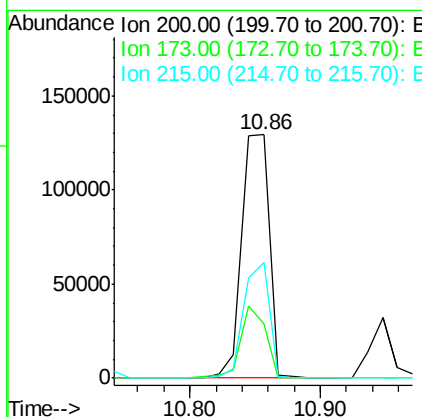
RT: 10.86 min Scan# 811

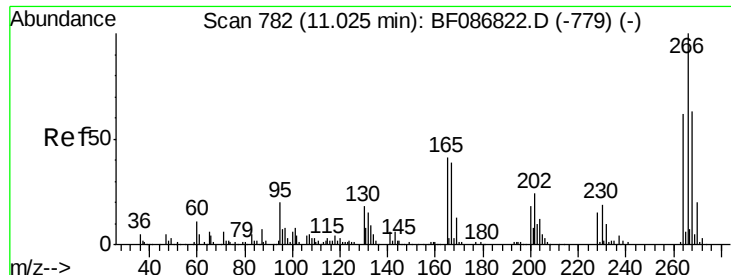
Delta R.T. 0.00 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	188929		
173	22.3	8.5	48.5	
215	47.5	27.2	67.2	





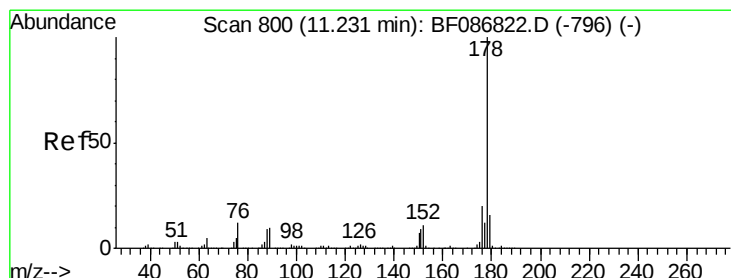
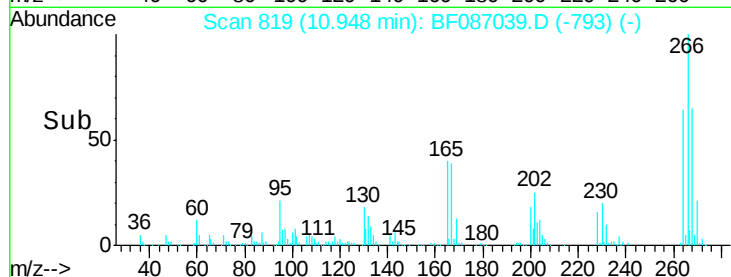
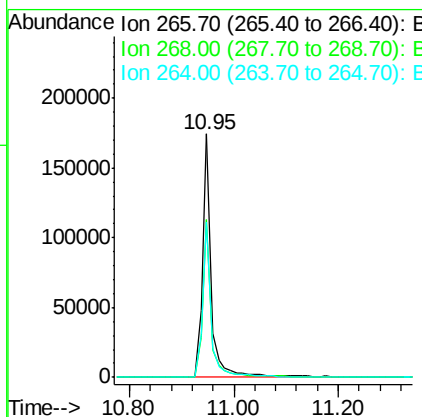
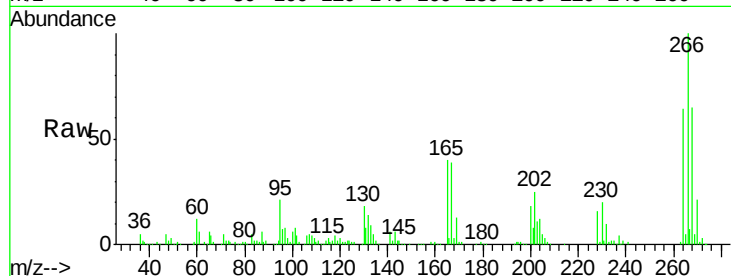
#69
 Pentachlorophenol
 Concen: 76.11 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF087039.D
 Acq: 15 May 2016 00:32

Instrument :
 BNA_F
 ClientSampleId :
 PB90536BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	208069		
268	64.6	51.5	77.3	
264	64.0	52.9	79.3	

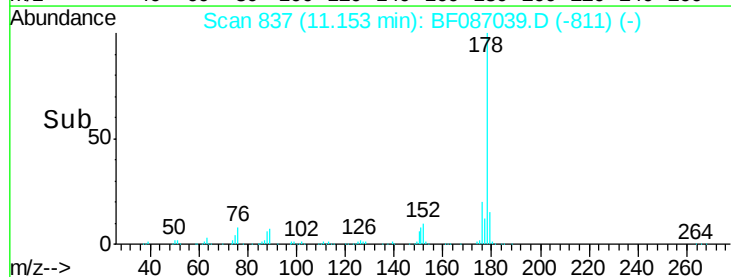
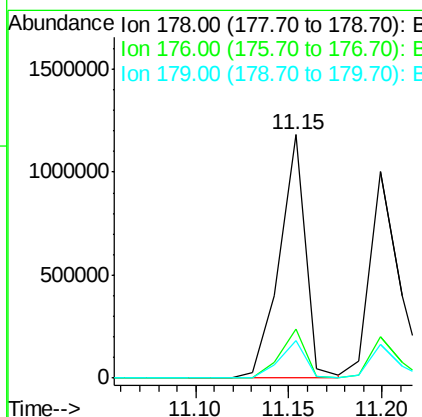
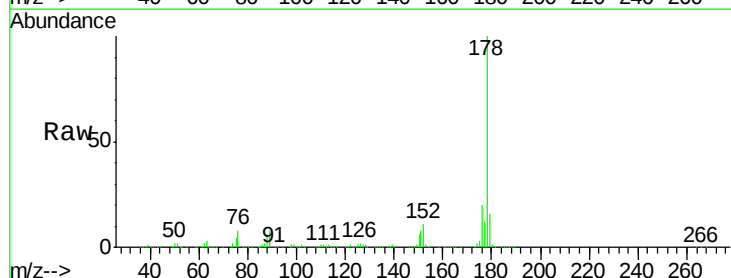
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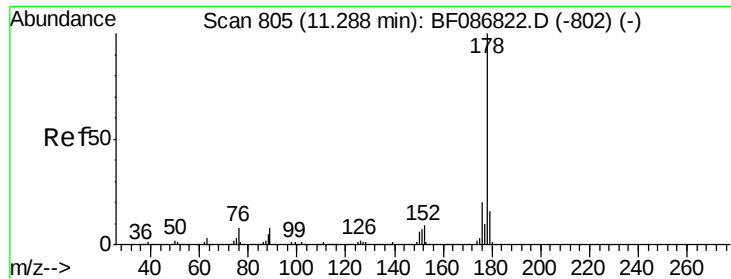
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#70
 Phenanthrene
 Concen: 42.81 ng
 RT: 11.15 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF087039.D
 Acq: 15 May 2016 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1140665		
176	20.3	16.0	24.0	
179	15.6	12.6	18.8	





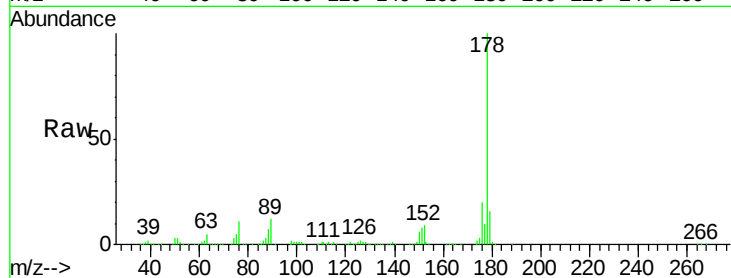
#71
 Anthracene
 Concen: 38.98 ng
 RT: 11.20 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF087039.D
 Acq: 15 May 2016 00:32

Instrument :
 BNA_F
 ClientSampleId :
 PB90536BS

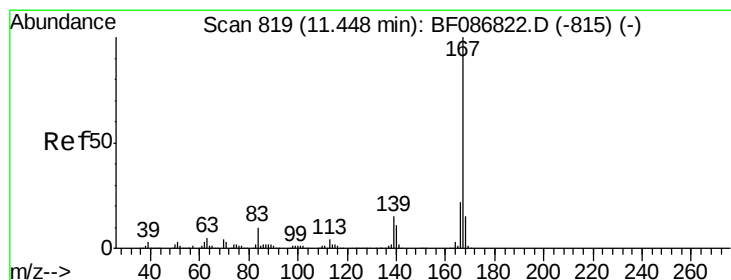
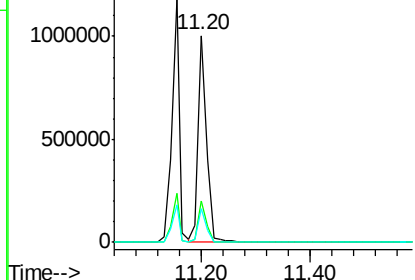
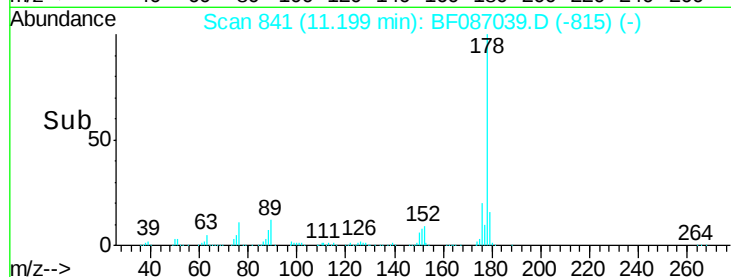
Tgt Ion:178 Resp: 1062226
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.6 23.4
 179 16.0 12.7 19.1

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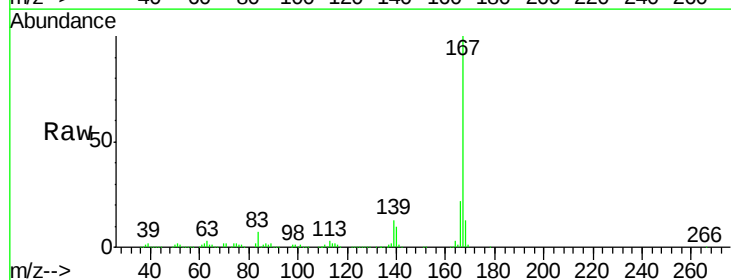


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

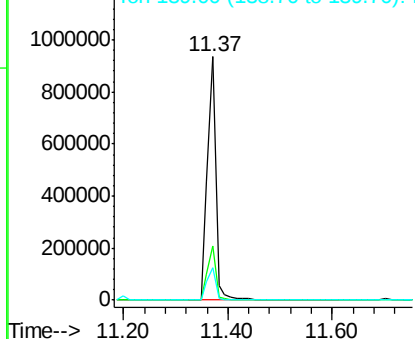
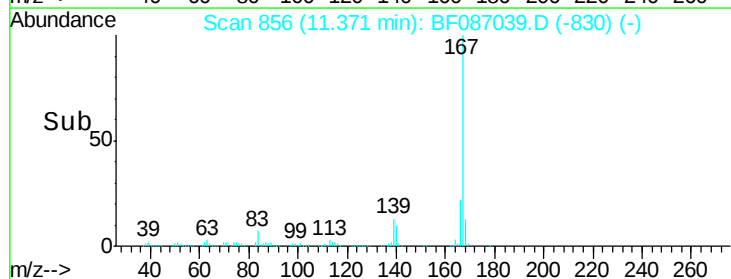


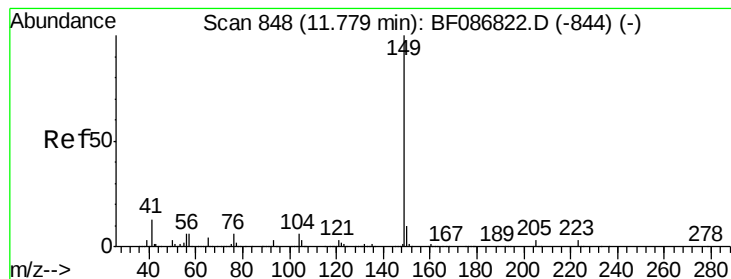
#72
 Carbazole
 Concen: 44.73 ng
 RT: 11.37 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF087039.D
 Acq: 15 May 2016 00:32

Tgt Ion:167 Resp: 1047702
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 13.2 10.8 16.2



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





#73

Di-n-butylphthalate

Concen: 43.01 ng

RT: 11.70 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

Instrument :

BNA_F

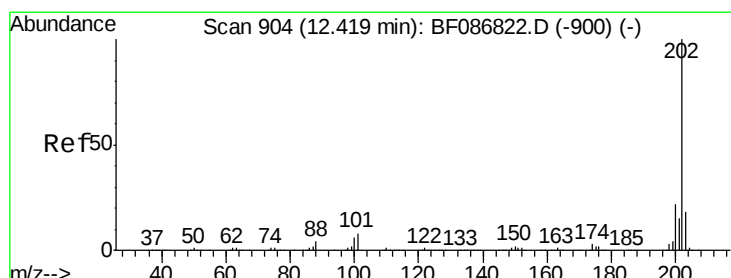
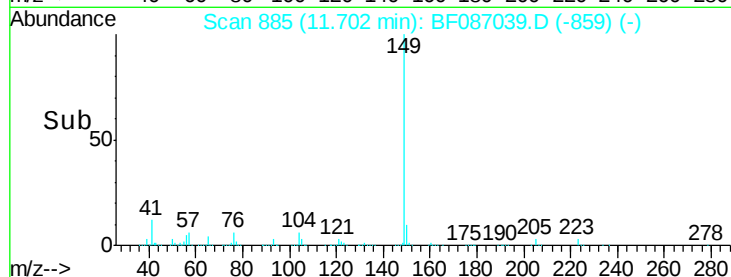
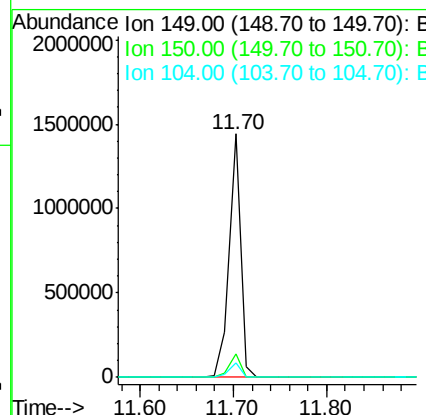
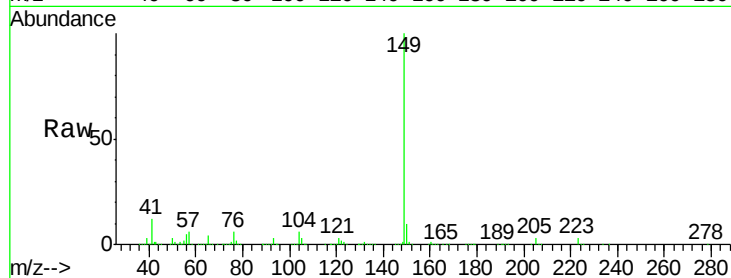
ClientSampleId :

PB90536BS

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Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	5.9	3.8	5.6



#74

Fluoranthene

Concen: 38.94 ng

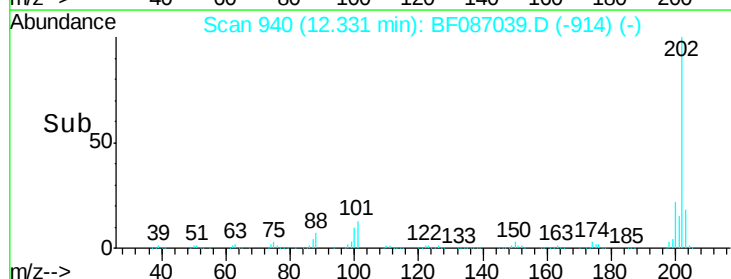
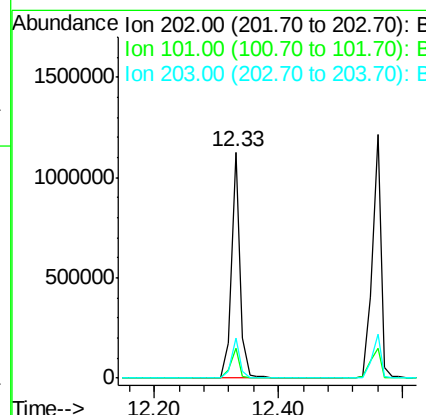
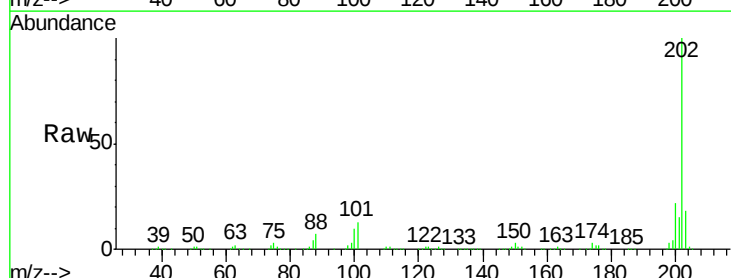
RT: 12.33 min Scan# 940

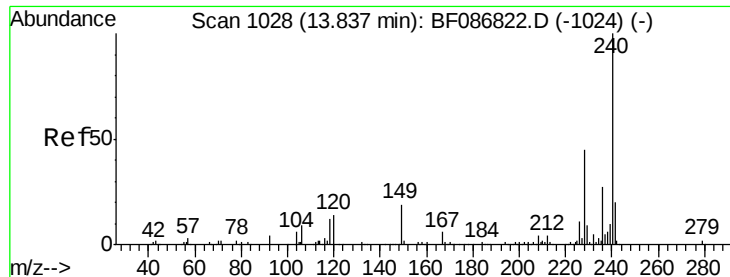
Delta R.T. 0.00 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	35.4
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

Instrument :

BNA_F

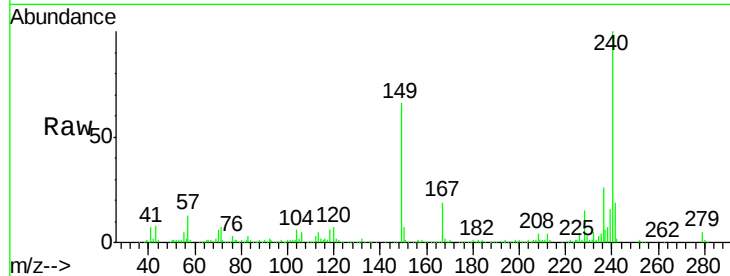
ClientSampleId :

PB90536BS

Tgt Ion:	240	Resp:	316281
Ion Ratio	Lower	Upper	
240	100		
120	7.1	11.2	16.8#
236	26.4	21.2	31.8

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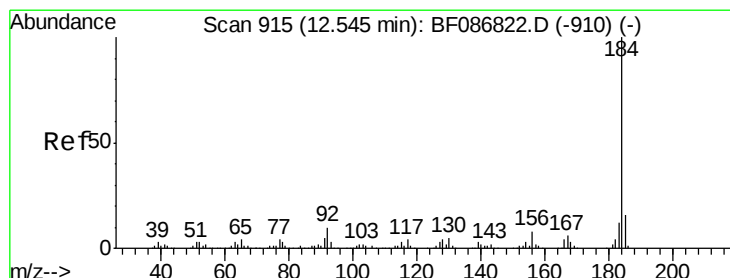
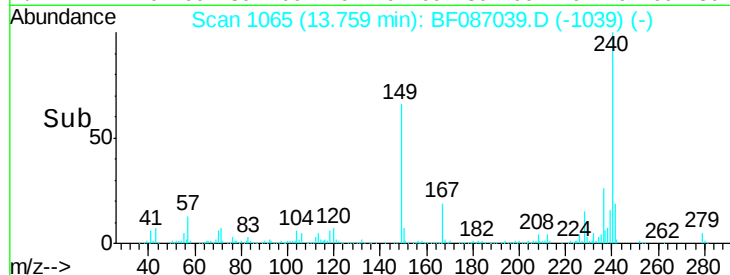
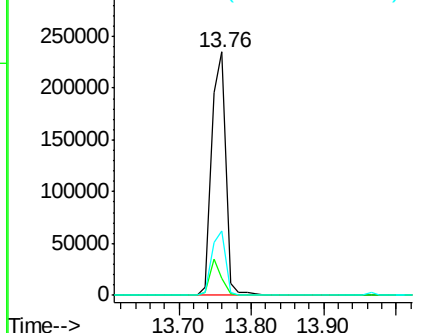
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.61 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF087039.D

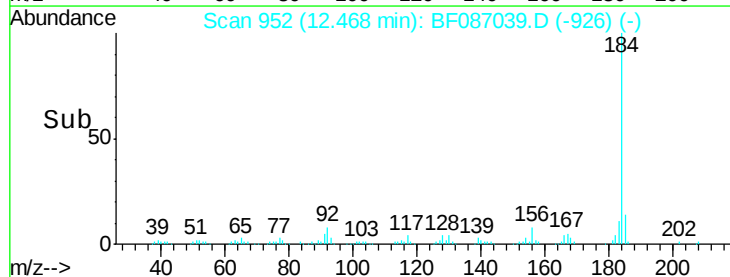
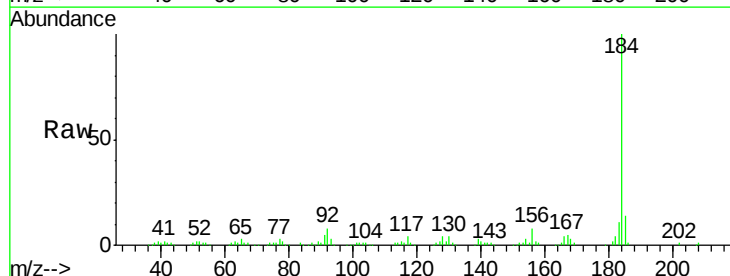
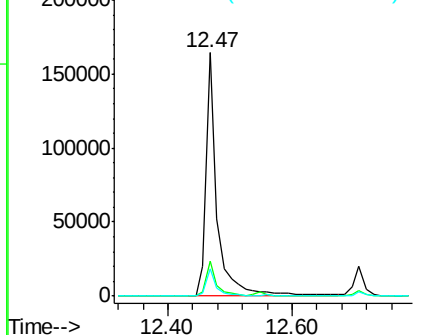
Acq: 15 May 2016 00:32

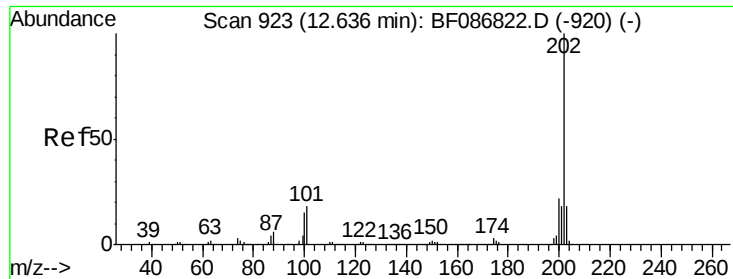
Tgt Ion:	184	Resp:	206480
Ion Ratio	Lower	Upper	
184	100		
185	14.3	13.6	20.4
183	11.4	9.8	14.6

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 48.20 ng

RT: 12.56 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

Instrument :

BNA_F

ClientSampleId :

PB90536BS

Tgt Ion: 202 Resp: 1167194

Ion Ratio Lower Upper

202 100

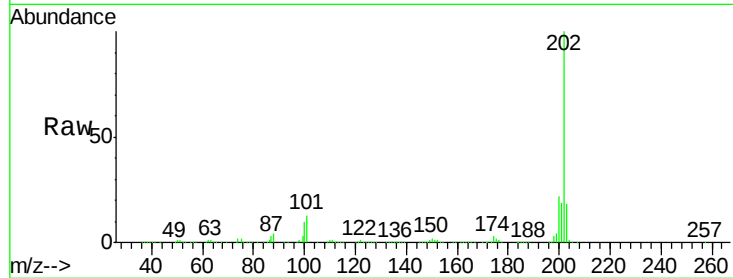
200 22.5 17.7 26.5

203 17.9 14.2 21.4

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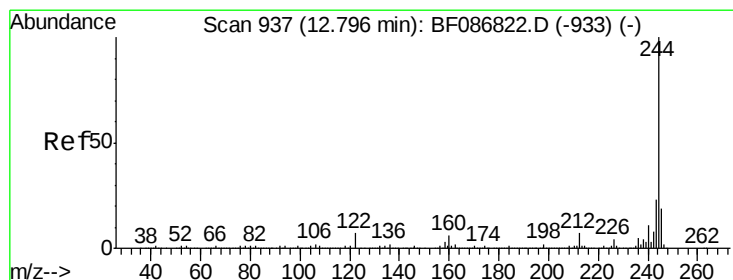
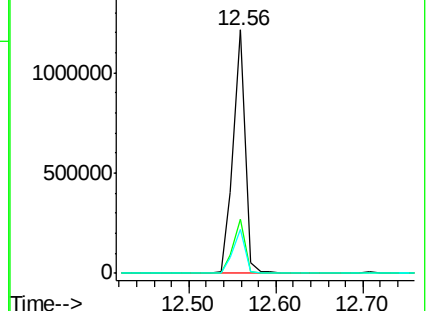
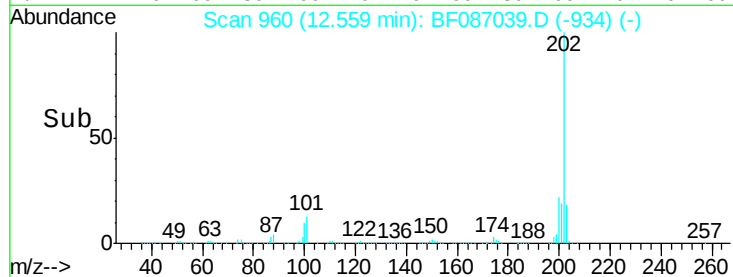
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 85.15 ng

RT: 12.71 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

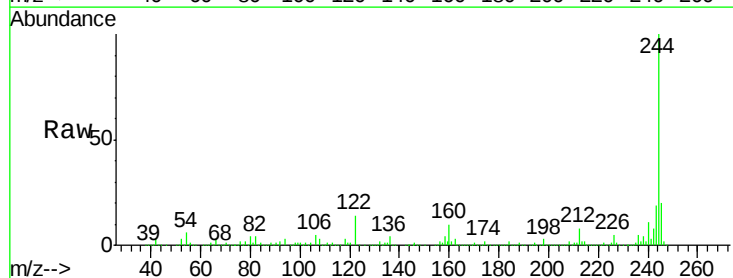
Tgt Ion: 244 Resp: 1269325

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

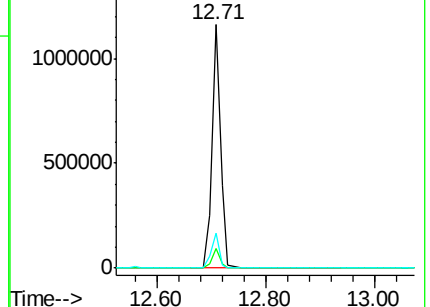
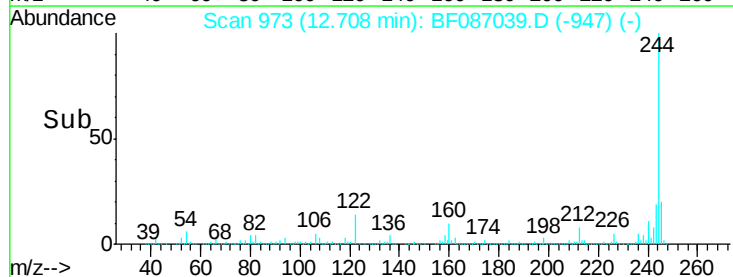
122 14.3 12.0 18.0

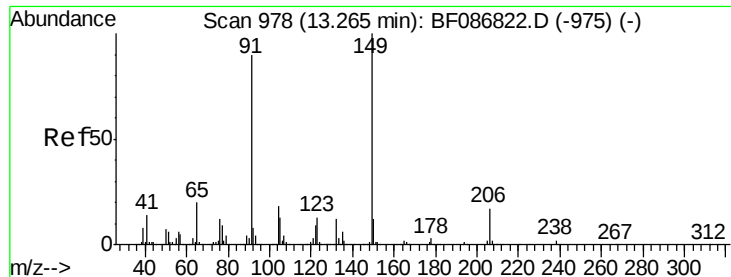


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





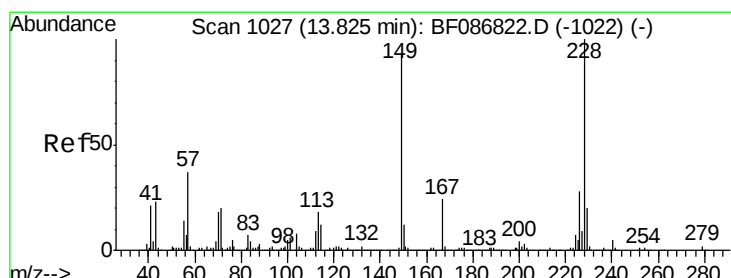
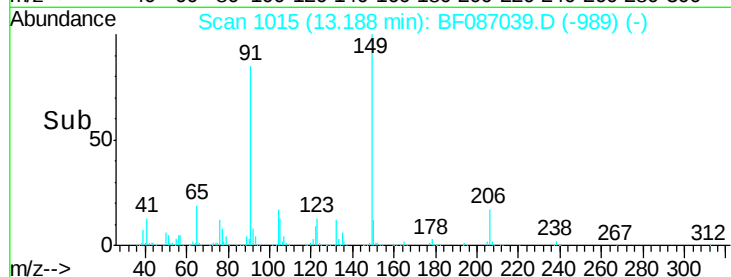
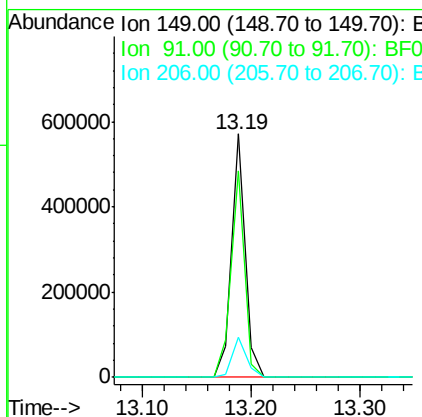
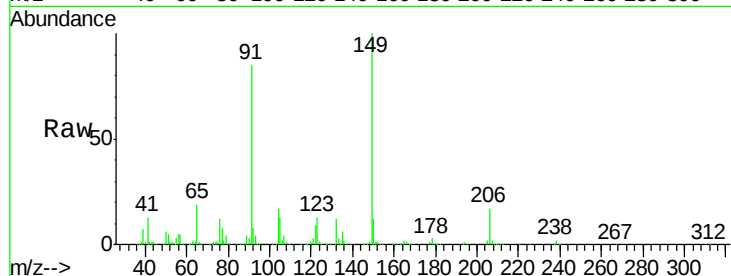
#79
Butylbenzylphthalate
Concen: 48.28 ng
RT: 13.19 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90536BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	494473		
91	85.0	48.0	72.0#	
206	16.7	15.8	23.6	

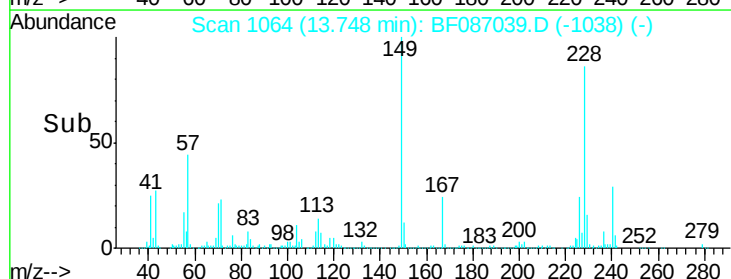
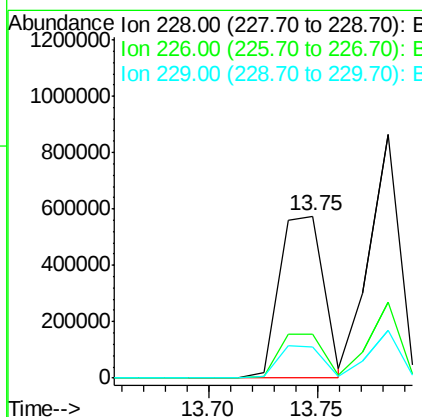
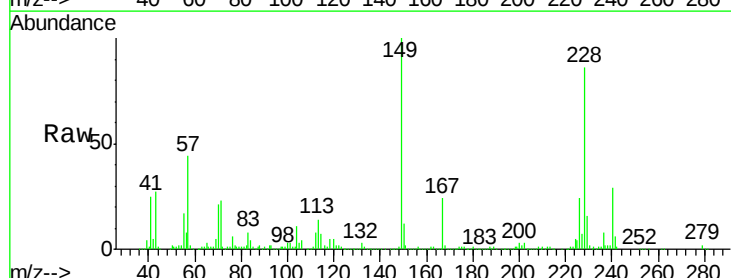
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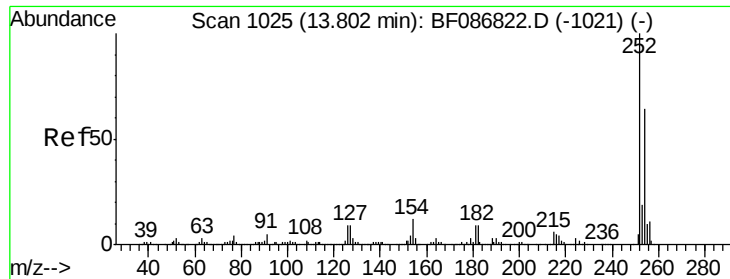
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#80
Benzo(a)anthracene
Concen: 45.94 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	815604		
226	27.5	22.5	33.7	
229	19.2	16.6	25.0	





#81

3,3'-Dichlorobenzidine

Concen: 13.63 ng

RT: 13.71 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

Instrument :

BNA_F

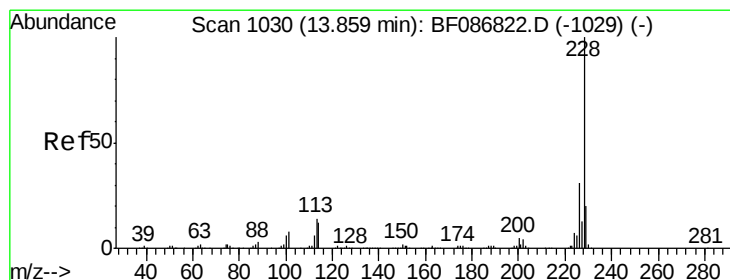
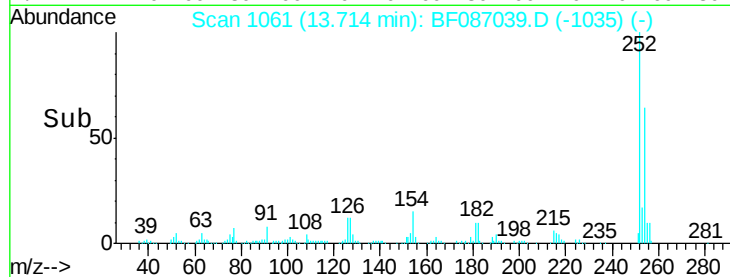
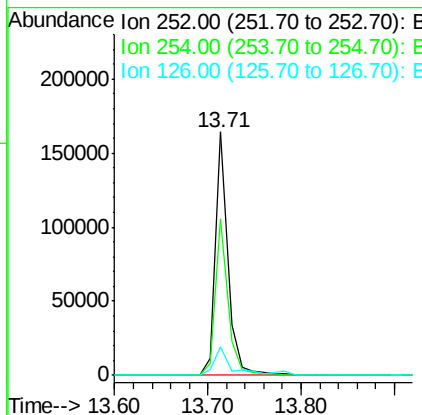
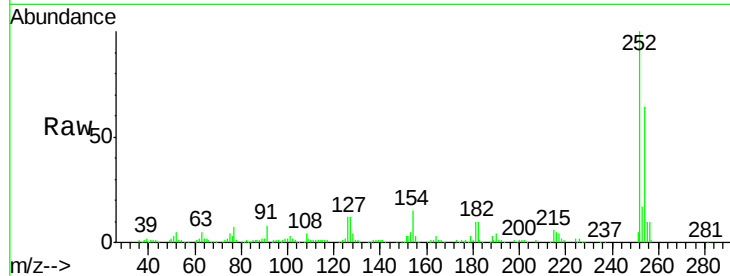
ClientSampleId :

PB90536BS

Tgt Ion:	252	Resp:	153800
Ion Ratio	Lower	Upper	
252	100		
254	64.4	50.7	76.1
126	11.8	12.7	19.1#

Manual Integrations
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#82

Chrysene

Concen: 47.71 ng

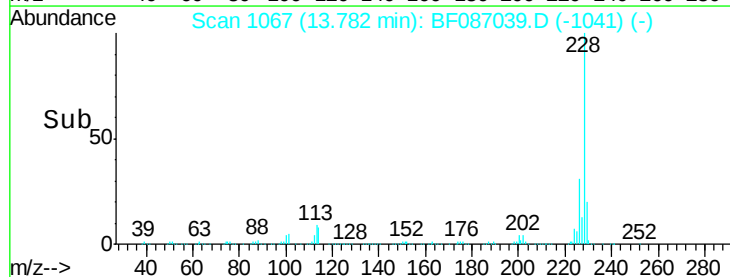
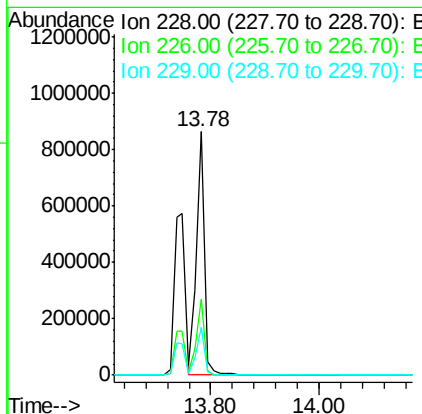
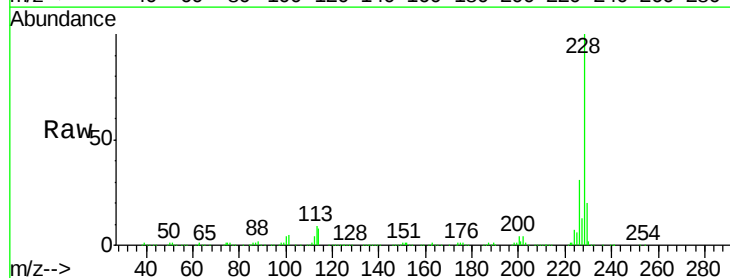
RT: 13.78 min Scan# 1067

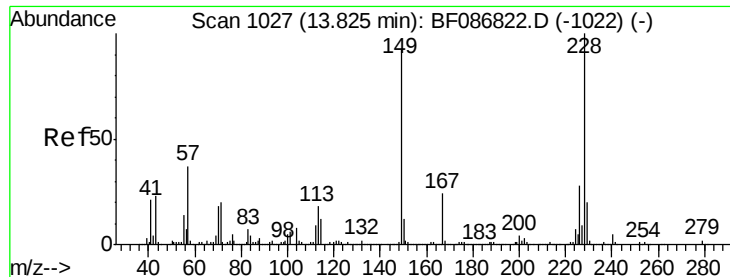
Delta R.T. 0.00 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

Tgt Ion:	228	Resp:	861753
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.4	36.6
229	19.9	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.24 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF087039.D

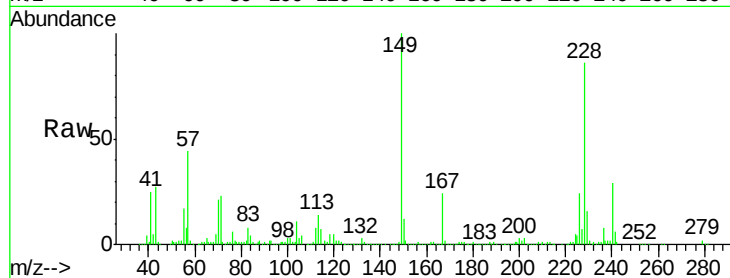
Acq: 15 May 2016 00:32

Instrument :

BNA_F

ClientSampleId :

PB90536BS



Tgt Ion:149 Resp: 618929

Ion Ratio Lower Upper

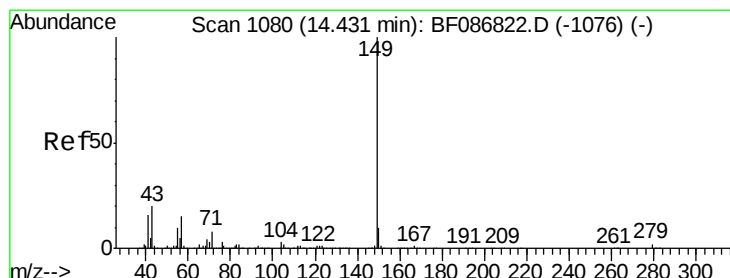
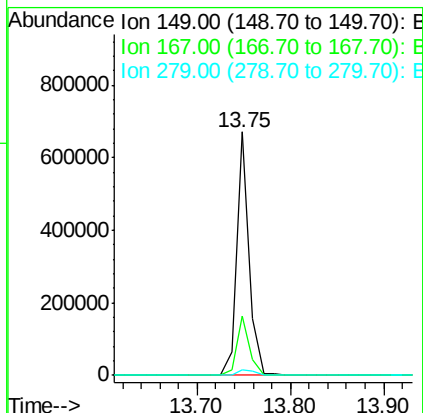
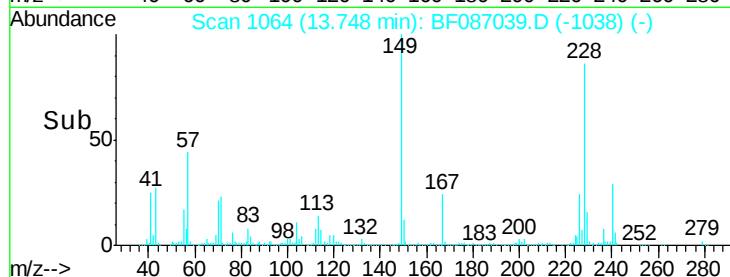
149 100

167 24.4 21.8 32.6

279 2.4 2.6 4.0#

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#84

Di-n-octyl phthalate

Concen: 49.42 ng

RT: 14.35 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

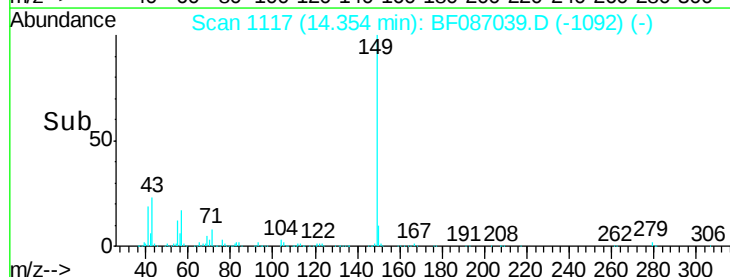
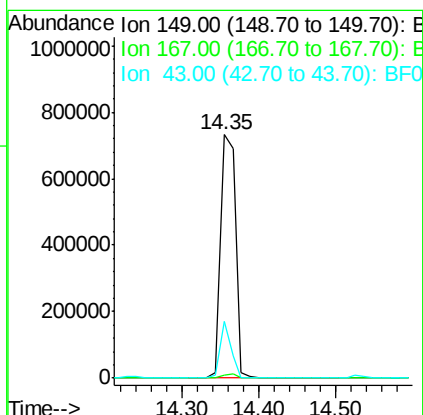
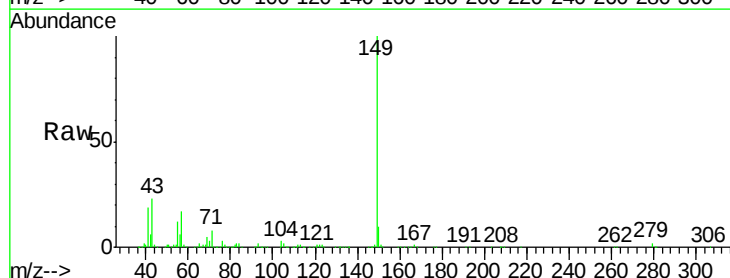
Tgt Ion:149 Resp: 1008592

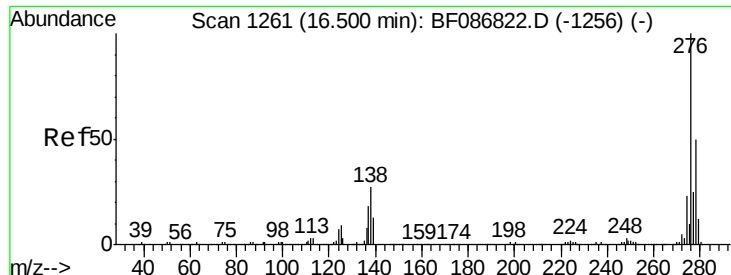
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 17.2 8.2 12.4#





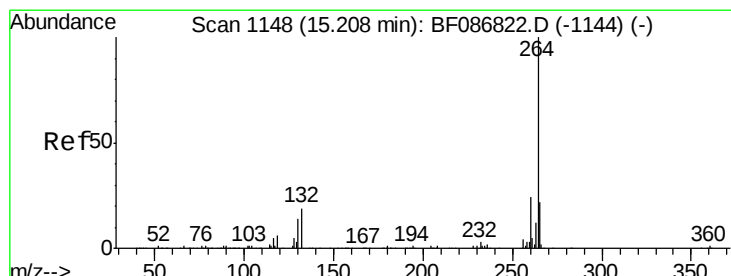
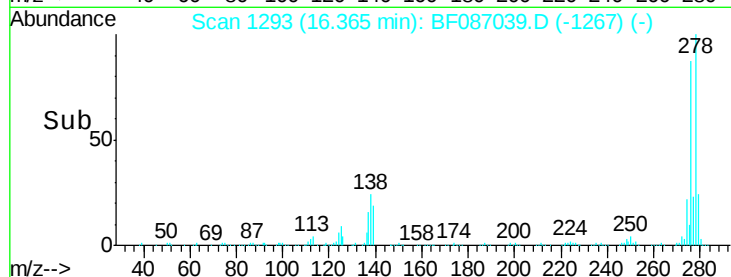
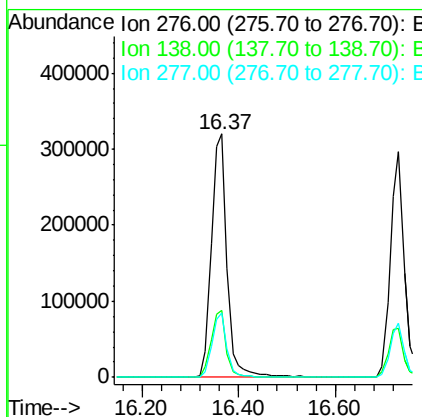
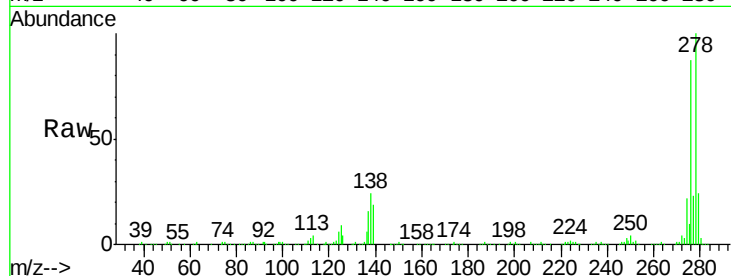
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.86 ng
 RT: 16.37 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: BF087039.D
 Acq: 15 May 2016 00:32

Instrument :
 BNA_F
 ClientSampleId :
 PB90536BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.9	25.6	38.4
277	25.3	20.5	30.7

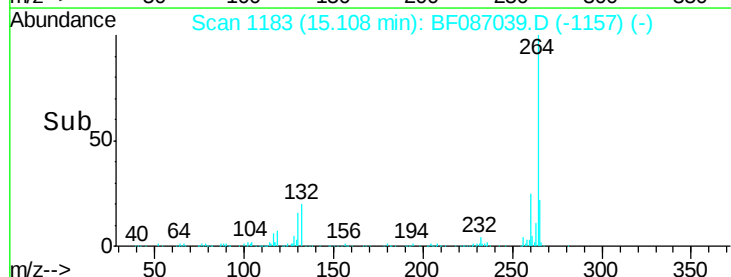
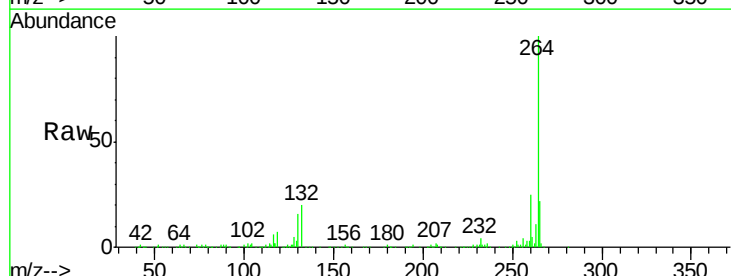
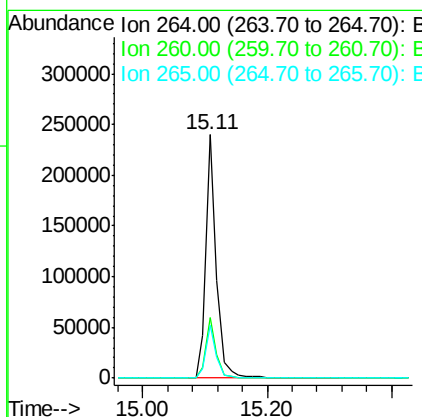
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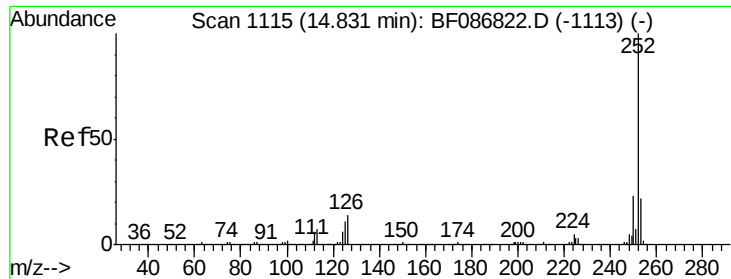
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF087039.D
 Acq: 15 May 2016 00:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	21.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 36.97 ng m

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF087039.D

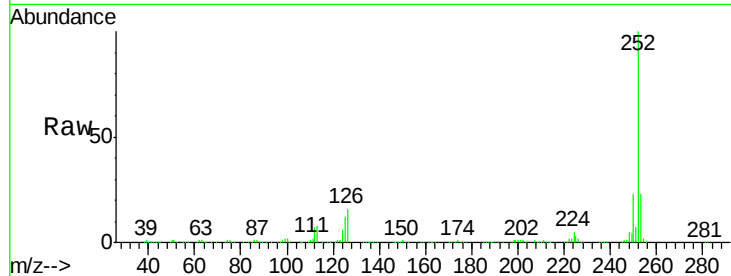
Acq: 15 May 2016 00:32

Instrument :

BNA_F

ClientSampleId :

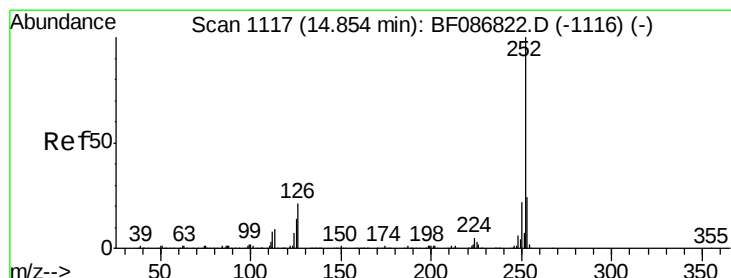
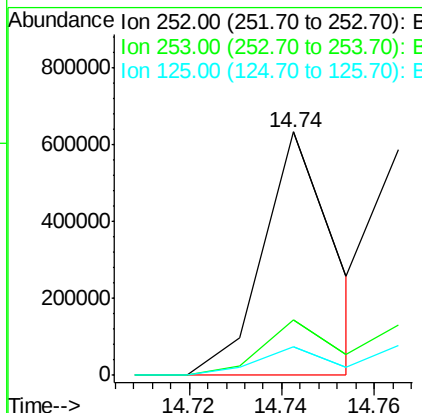
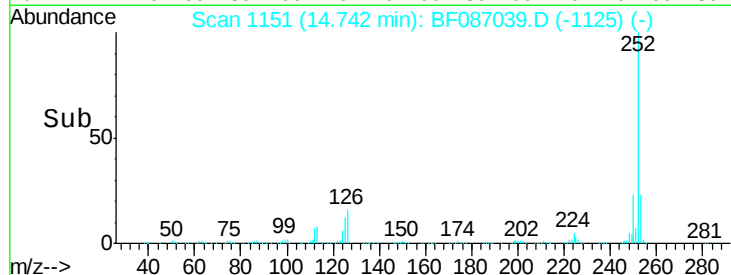
PB90536BS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	11.6	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 45.10 ng m

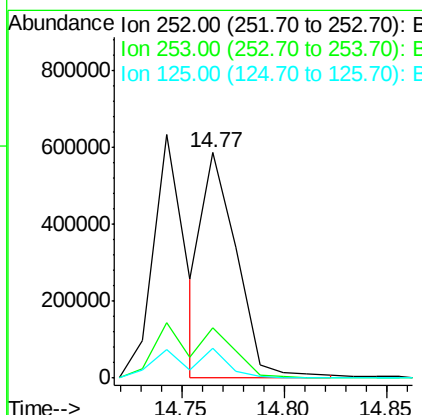
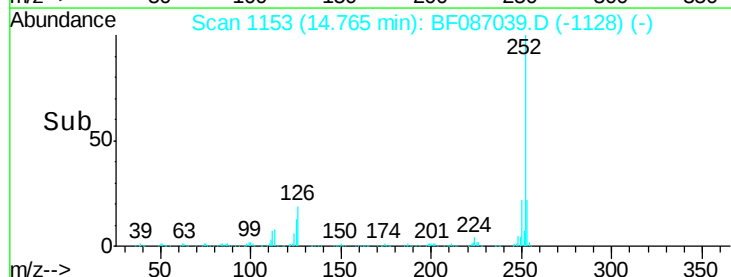
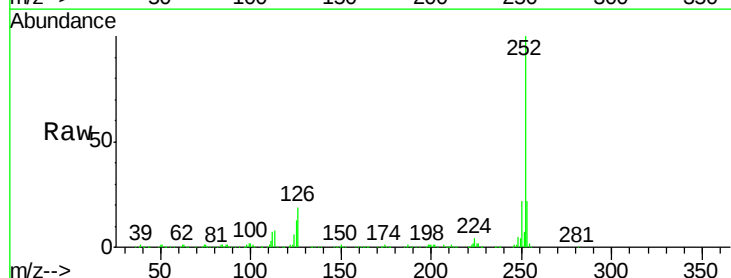
RT: 14.77 min Scan# 1153

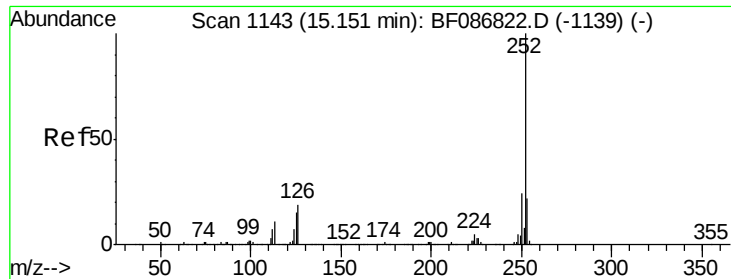
Delta R.T. -0.01 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	13.2	9.1	13.7





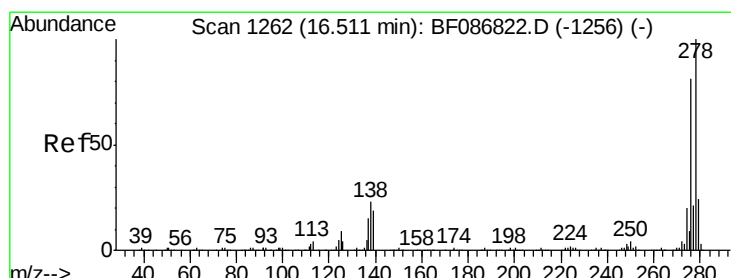
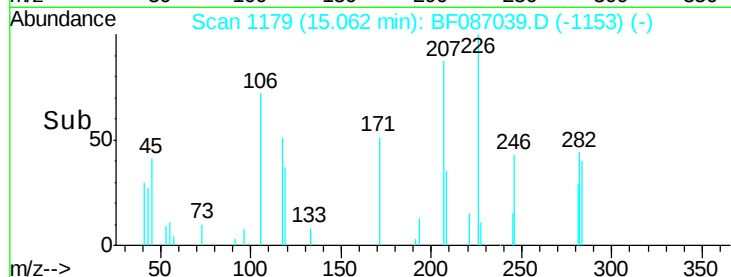
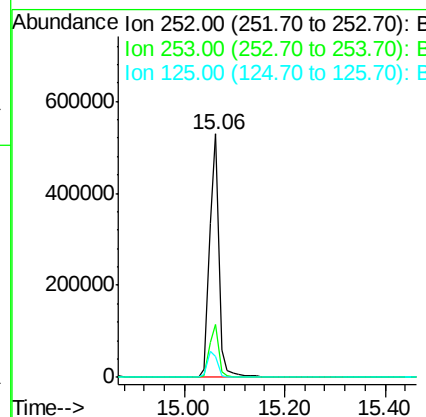
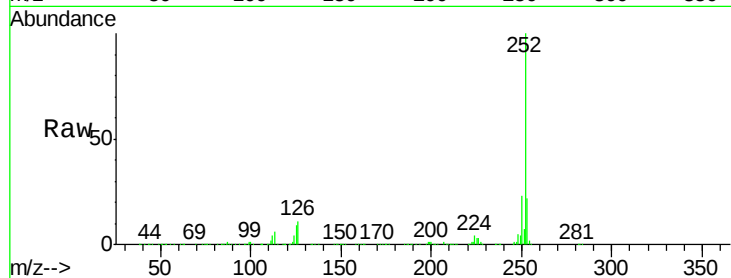
#89
Benzo(a)pyrene
Concen: 42.59 ng
RT: 15.06 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Instrument :
BNA_F
ClientSampleId :
PB90536BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.8	17.2	25.8
125	8.6	9.0	13.6

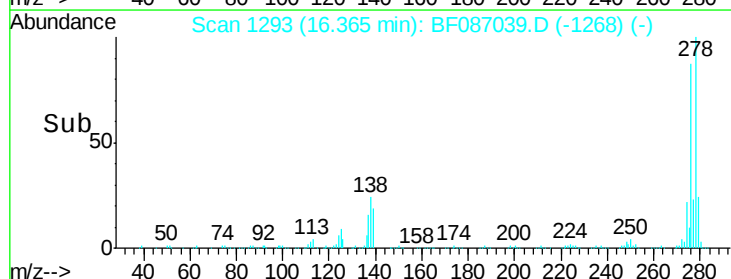
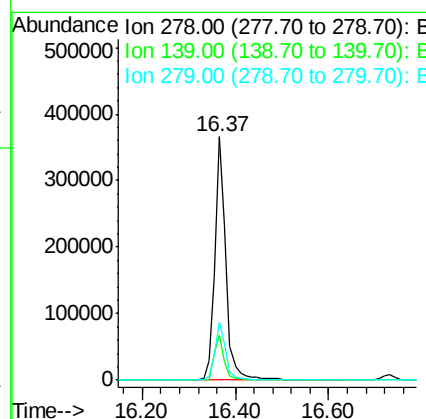
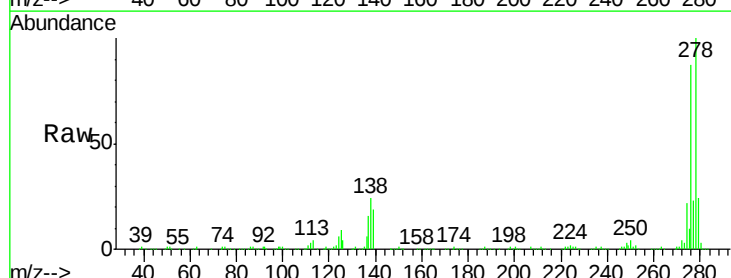
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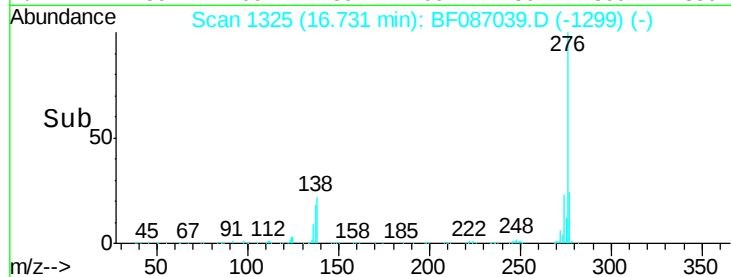
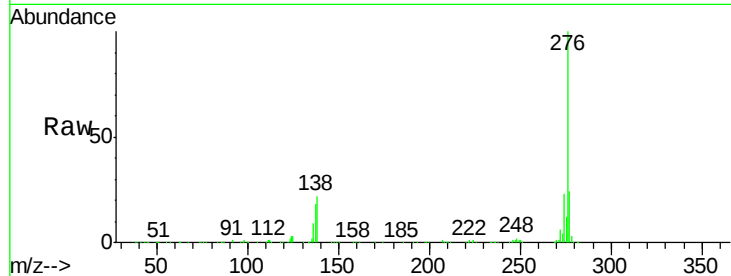
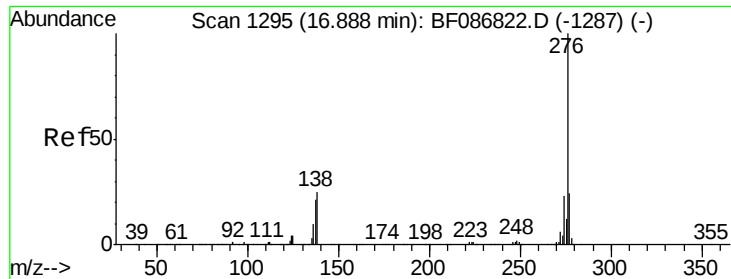
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#90
Dibenzo(a,h)anthracene
Concen: 46.15 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF087039.D
Acq: 15 May 2016 00:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	18.7	16.6	24.8
279	23.7	19.6	29.4





#91

Benzo(g,h,i)perylene

Concen: 45.56 ng

RT: 16.73 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF087039.D

Acq: 15 May 2016 00:32

Instrument :

BNA_F

ClientSampleId :

PB90536BS

Tgt Ion:	276	Resp:	618914
Ion Ratio		Lower	Upper
276	100		
277	24.0	19.6	29.4
138	21.9	23.6	35.4#

Manual Integrations
APPROVED

sohil
5/16/2016 6:58:48 PM

