

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
 Data File : BF087168.D
 Acq On : 19 May 2016 3:50
 Operator : UM/SJ
 Sample : PB90659BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90659BS

Manual Integrations
 APPROVED

sohil
 5/19/2016 7:06:30 PM

Quant Time: May 19 05:01:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 04:41:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	122974	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	499909	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	230030	20.00	ng	-0.01
63) Phenanthrene-d10	11.08	188	422885	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	275977	20.00	ng	-0.01
86) Perylene-d12	15.06	264	296988	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	970150	132.60	ng	0.01
7) Phenol-d6	6.25	99	1127005	114.85	ng	0.00
23) Nitrobenzene-d5	7.15	82	781748	77.94	ng	0.00
41) 2,4,6-Tribromophenol	10.41	330	329055	129.45	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	1240498	89.31	ng	0.00
78) Terphenyl-d14	12.67	244	1166487	95.61	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.06	88	109338	29.05	ng	# 65
3) Pyridine	2.68	79	324195	35.61	ng	# 67
4) n-Nitrosodimethylamine	2.65	42	248204	38.47	ng	# 52
6) Aniline	6.25	93	261575	20.99	ng	# 62
8) 2-Chlorophenol	6.36	128	343911	38.63	ng	# 78
9) Benzaldehyde	6.14	77	18602	2.55	ng	95
10) Phenol	6.26	94	450682	36.54	ng	74
11) bis(2-Chloroethyl)ether	6.33	93	372337	40.20	ng	95
12) 1,3-Dichlorobenzene	6.51	146	352319m	37.23	ng	
13) 1,4-Dichlorobenzene	6.59	146	366921m	37.90	ng	
14) 1,2-Dichlorobenzene	6.75	146	321099	37.88	ng	96
15) Benzyl Alcohol	6.74	79	309900	42.42	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.87	45	685892	36.02	ng	58
17) 2-Methylphenol	6.87	107	283063	38.72	ng	# 79
18) Hexachloroethane	7.08	117	136393	36.85	ng	97
19) n-Nitroso-di-n-propylamine	7.02	70	292476	39.21	ng	# 80
20) 3+4-Methylphenols	7.03	107	393876	40.85	ng	# 61
22) Acetophenone	7.00	105	515007	42.10	ng	97
24) Nitrobenzene	7.18	77	429643	39.23	ng	96
25) Isophorone	7.42	82	724201	39.44	ng	99
26) 2-Nitrophenol	7.50	139	186070	41.01	ng	93
27) 2,4-Dimethylphenol	7.55	122	328767	42.46	ng	90
28) bis(2-Chloroethoxy)methane	7.63	93	433664	43.02	ng	98
29) 2,4-Dichlorophenol	7.75	162	283462	41.55	ng	96
30) 1,2,4-Trichlorobenzene	7.82	180	309821	40.92	ng	98
31) Naphthalene	7.88	128	962822	39.42	ng	99
32) Benzoic acid	7.71	122	171742	37.21	ng	# 80
33) 4-Chloroaniline	7.95	127	163202	16.08	ng	# 90
34) Hexachlorobutadiene	8.01	225	177134	41.23	ng	99
35) Caprolactam	8.33	113	93926	41.34	ng	# 54
36) 4-Chloro-3-methylphenol	8.47	107	319362	38.81	ng	94
37) 2-Methylnaphthalene	8.58	142	687092	43.98	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	271178	40.36	ng	100
40) Hexachlorocyclopentadiene	8.73	237	107943	45.37	ng	95

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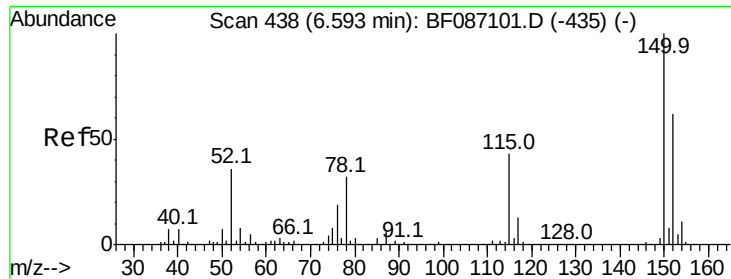
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	180516	41.43	nq	96
43) 2,4,5-Trichlorophenol	8.92	196	190697	42.13	nq	96
45) 1,1'-Biphenyl	9.05	154	802776	42.09	nq	99
46) 2-Chloronaphthalene	9.06	162	591449	40.39	nq	# 91
47) 2-Nitroaniline	9.18	65	225056	40.11	nq	# 73
48) Acenaphthylene	9.47	152	894367	40.00	nq	98
49) Dimethylphthalate	9.36	163	763977	43.54	nq	100
50) 2,6-Dinitrotoluene	9.43	165	152891	40.13	nq	# 64
51) Acenaphthene	9.64	154	548714	39.28	nq	99
52) 3-Nitroaniline	9.59	138	87825	21.29	nq	# 76
53) 2,4-Dinitrophenol	9.71	184	110234	52.24	nq	# 87
54) Dibenzofuran	9.82	168	781894	43.29	nq	91
55) 4-Nitrophenol	9.78	139	188646m	68.64	nq	
56) 2,4-Dinitrotoluene	9.83	165	207507	42.52	nq	92
57) Fluorene	10.16	166	595854	41.06	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	165685	47.00	nq	97
59) Diethylphthalate	10.06	149	757011	45.19	nq	96
60) 4-Chlorophenyl-phenylether	10.16	204	301317	43.80	nq	88
61) 4-Nitroaniline	10.20	138	140247	34.44	nq	# 71
62) Azobenzene	10.32	77	880011	45.59	nq	89
64) 4,6-Dinitro-2-methylphenol	10.24	198	82716	29.70	nq	85
65) n-Nitrosodiphenylamine	10.28	169	624923	46.96	nq	99
66) 4-Bromophenyl-phenylether	10.64	248	174738	40.18	nq	93
67) Hexachlorobenzene	10.71	284	220294	43.69	nq	# 91
68) Atrazine	10.81	200	170960	39.38	nq	93
69) Pentachlorophenol	10.91	266	170210	89.87	nq	98
70) Phenanthrene	11.12	178	979711	42.72	nq	99
71) Anthracene	11.16	178	931591	40.16	nq	100
72) Carbazole	11.34	167	875907	41.33	nq	98
73) Di-n-butylphthalate	11.67	149	1130539	46.45	nq	99
74) Fluoranthene	12.30	202	929281	40.44	nq	94
76) Benzidine	12.43	184	282008	34.73	nq	96
77) Pyrene	12.53	202	901700	45.23	nq	99
79) Butylbenzylphthalate	13.15	149	424889	50.48	nq	94
80) Benzo(a)anthracene	13.70	228	676254	42.38	nq	99
81) 3,3'-Dichlorobenzidine	13.68	252	208630	20.55	nq	# 95
82) Chrysene	13.74	228	670296	43.42	nq	100
83) Bis(2-ethylhexyl)phthalate	13.71	149	539362	52.66	nq	# 99
84) Di-n-octyl phthalate	14.32	149	927767	52.58	nq	# 86
85) Indeno(1,2,3-cd)pyrene	16.30	276	696176	51.37	nq	95
87) Benzo(b)fluoranthene	14.71	252	840378m	42.65	nq	
88) Benzo(k)fluoranthene	14.73	252	609780m	41.57	nq	
89) Benzo(a)pyrene	15.02	252	701683	42.61	nq	99
90) Dibenzo(a,h)anthracene	16.31	278	591369	42.65	nq	# 93
91) Benzo(g,h,i)perylene	16.66	276	561398	40.09	nq	94

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



#1

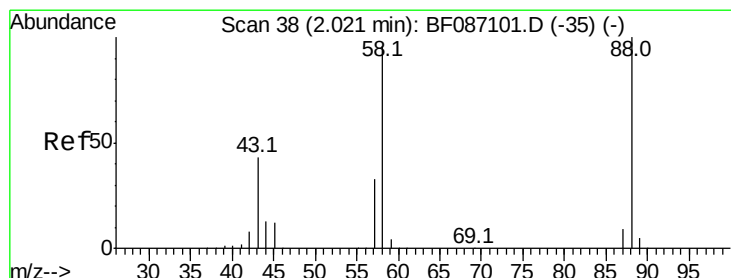
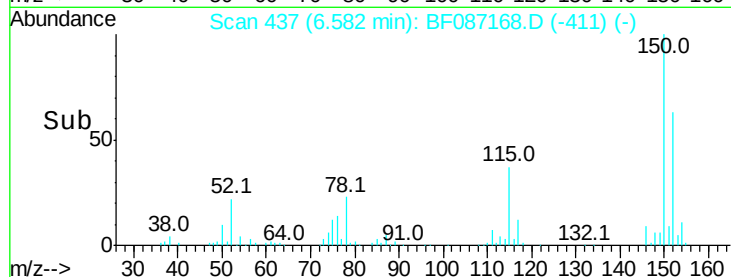
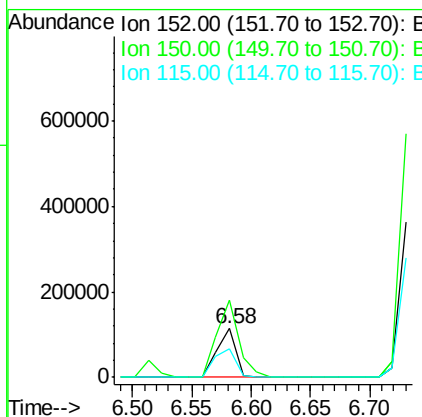
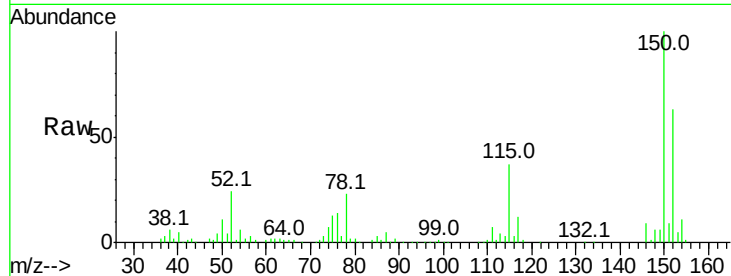
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Instrument :
BNA_F
ClientSampleId :
PB90659BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	125.8	188.6
115	58.8	51.5	77.3

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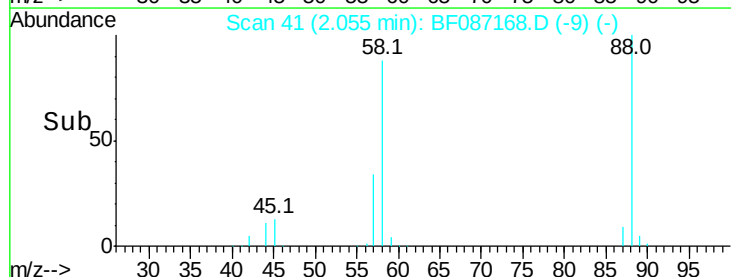
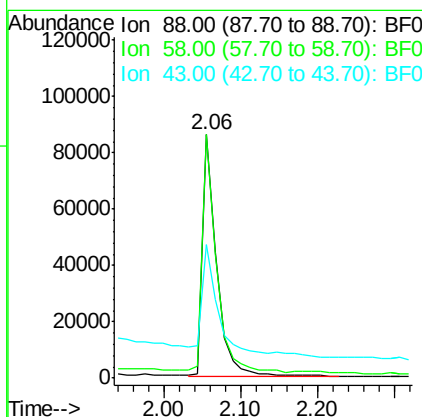
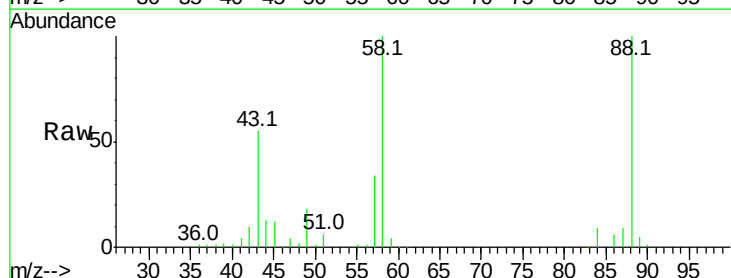
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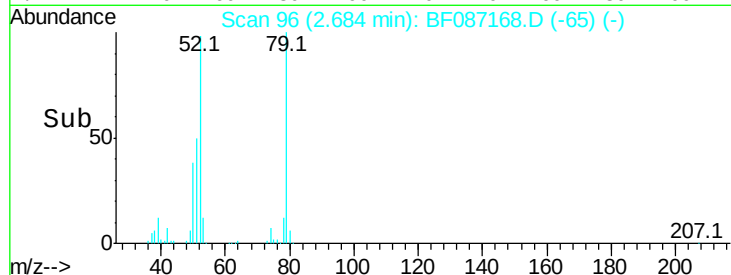
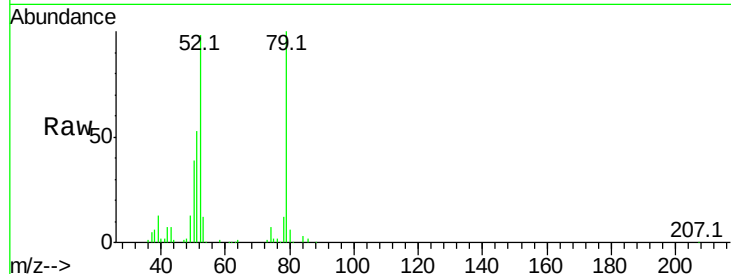
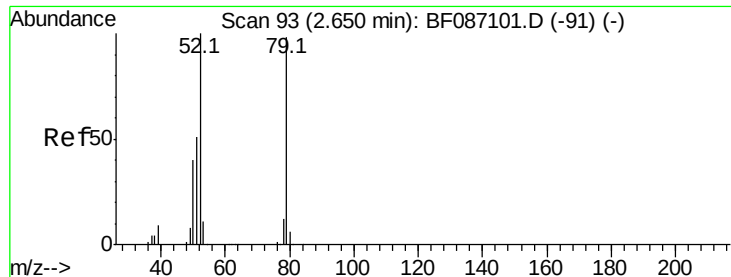


#2

1,4-Dioxane
Concen: 29.05 ng
RT: 2.06 min Scan# 41
Delta R.T. 0.07 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.1	59.6	89.4#
43	59.6	21.8	32.6#





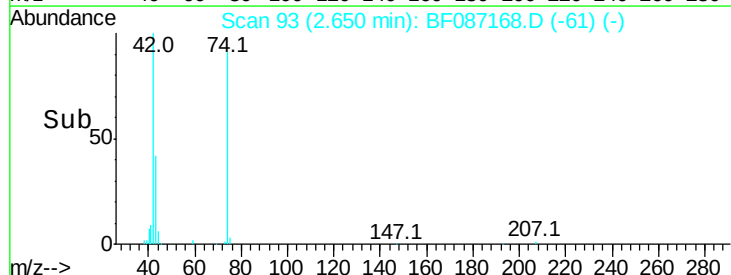
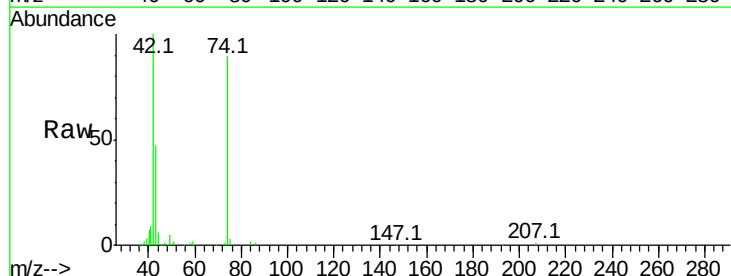
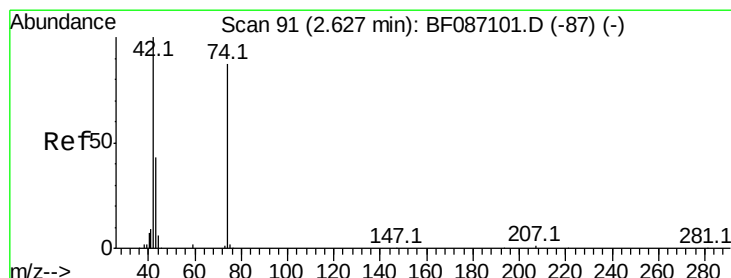
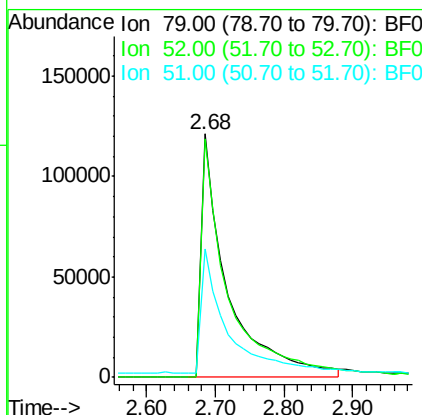
#3
Pvridine
Concen: 35.61 ng
RT: 2.68 min Scan# 96
Delta R.T. 0.06 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	98.1	55.9	83.9#		
51	52.7	28.1	42.1#		

Instrument :
BNA_F
ClientSampleId :
PB90659BS

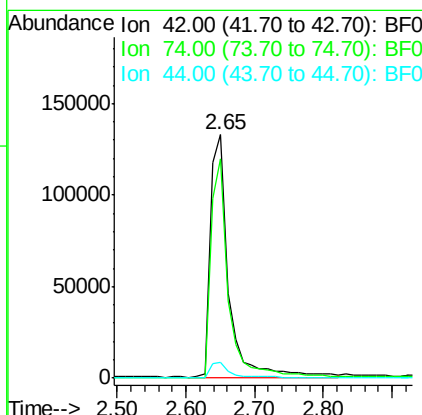
Manual Integrations
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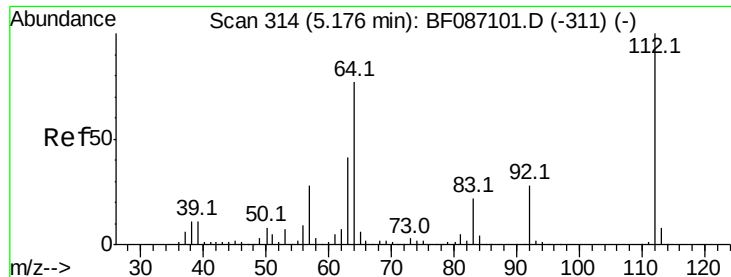
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#4
n-Nitrosodimethylamine
Concen: 38.47 ng
RT: 2.65 min Scan# 93
Delta R.T. 0.07 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	90.1	123.4	185.0#		
44	6.4	5.8	8.6		





#5

2-Fluorophenol

Concen: 132.60 ng

RT: 5.18 min Scan# 314

Delta R.T. 0.01 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

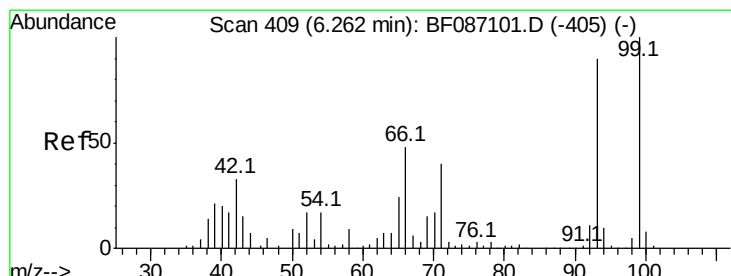
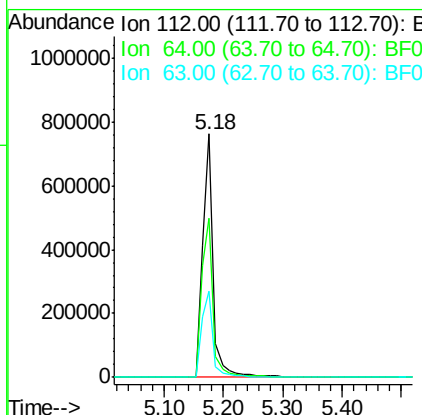
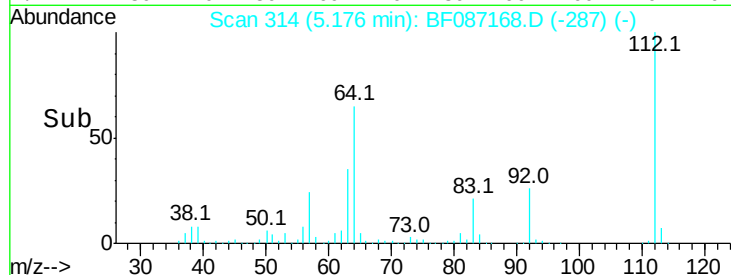
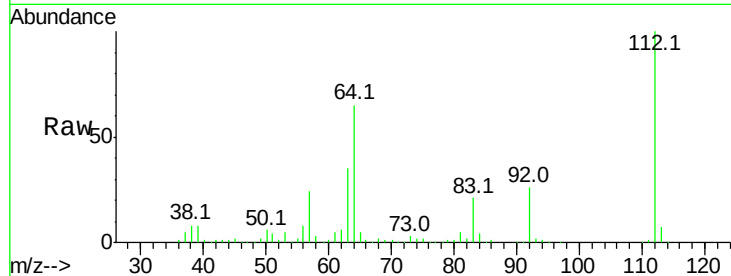
ClientSampleId :

PB90659BS

Tot Ion:	112	Resp:	970150
Ion Ratio	Lower	Upper	
112	100		
64	65.5	52.1	78.1
63	35.4	25.7	38.5

Manual Integrations
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#6

Aniline

Concen: 20.99 ng

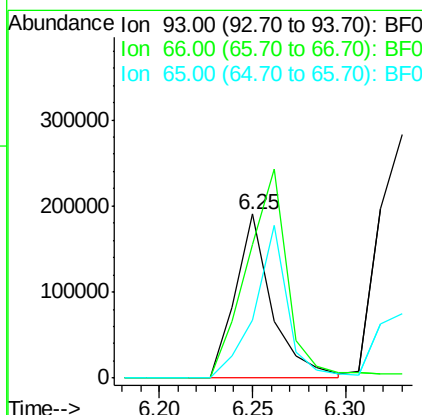
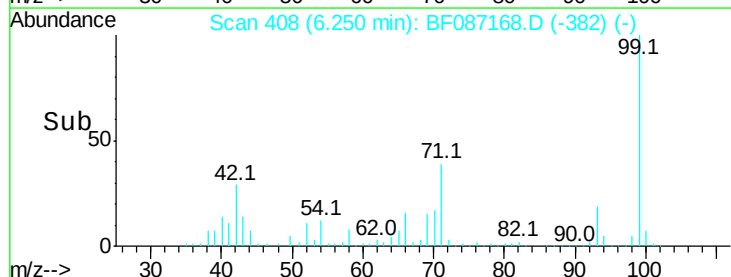
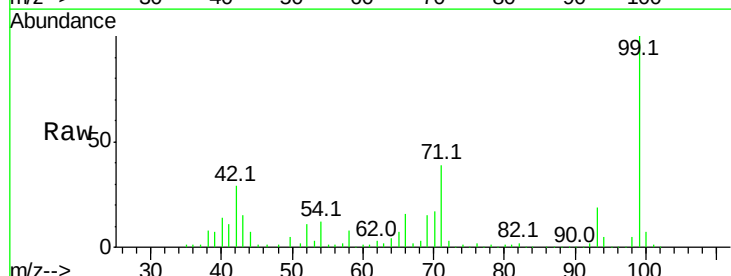
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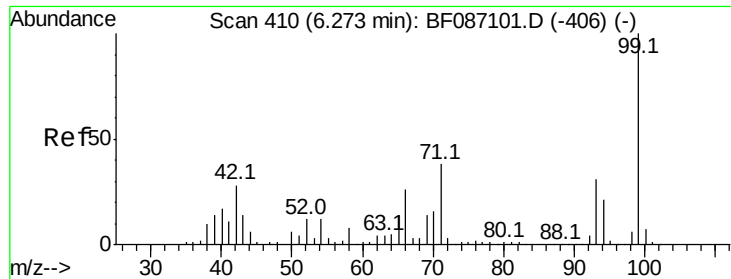
Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Tgt Ion:	93	Resp:	261575
Ion Ratio	Lower	Upper	
93	100		
66	81.4	39.0	58.6#
65	35.0	20.6	31.0#





#7

Phenol-d6

Concen: 114.85 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampled :

PB90659BS

Tot Ion: 99 Resp: 1127005

Ion Ratio Lower Upper

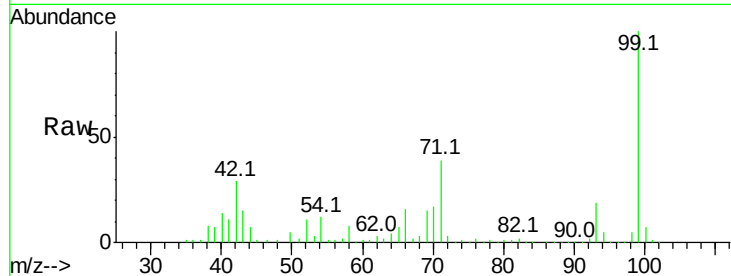
99 100

42 29.4 13.6 20.4#

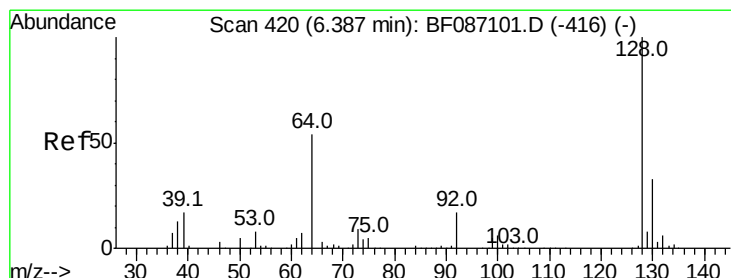
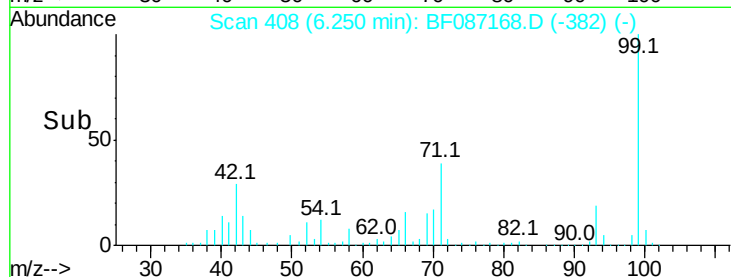
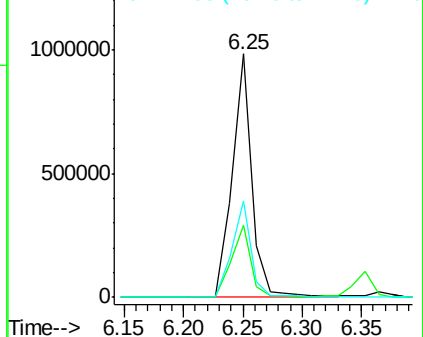
71 39.4 24.6 36.8#

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



#8

2-Chlorophenol

Concen: 38.63 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

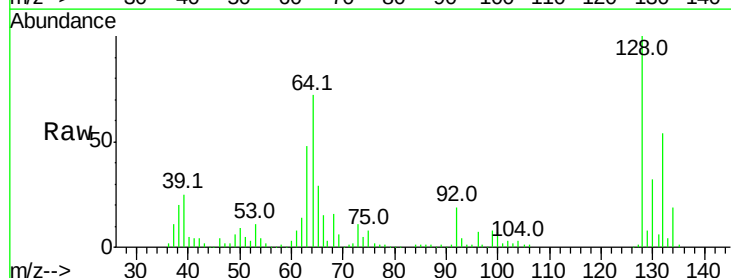
Tgt Ion: 128 Resp: 343911

Ion Ratio Lower Upper

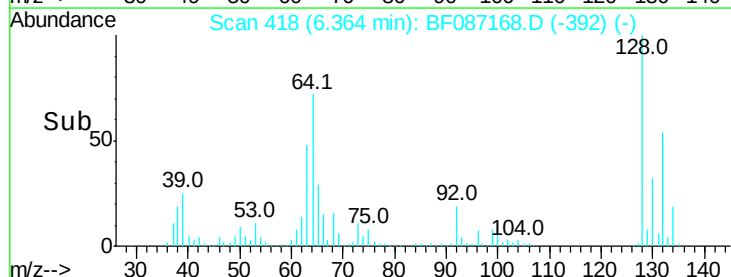
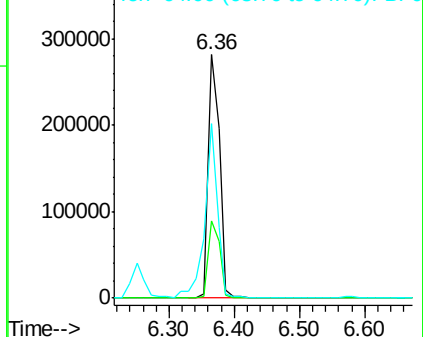
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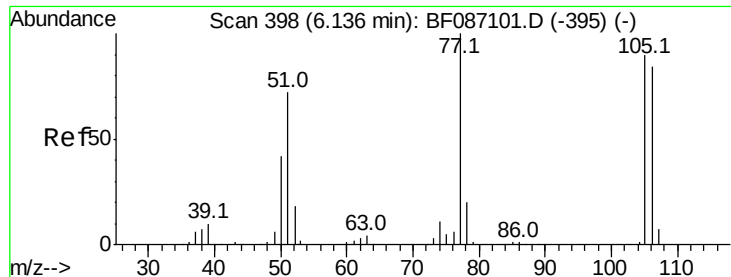
130 31.8 12.5 52.5

64 71.6 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: 2.55 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

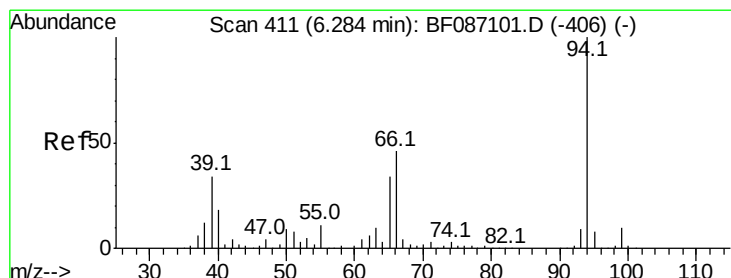
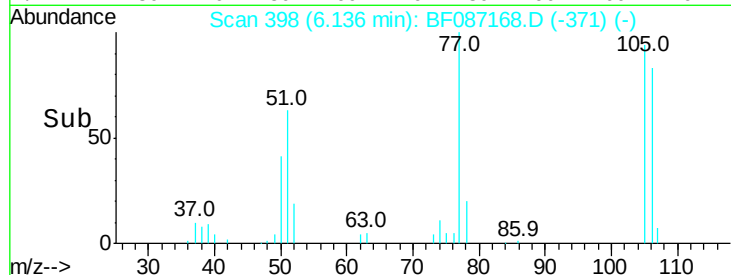
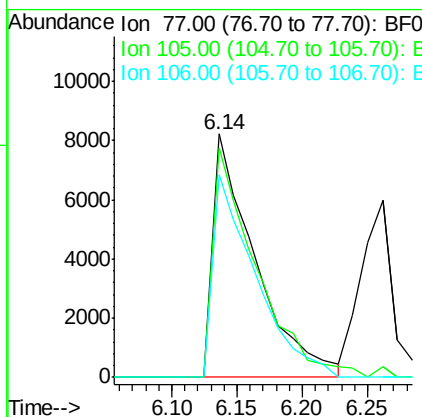
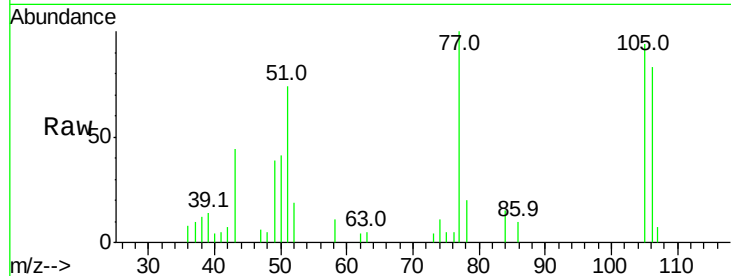
ClientSampleID :

PB90659BS

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Tot Ion:	77	Resp:	18602
Ion	Ratio	Lower	Upper
77	100		
105	94.2	72.7	112.7
106	83.1	70.8	110.8



#10

Phenol

Concen: 36.54 ng

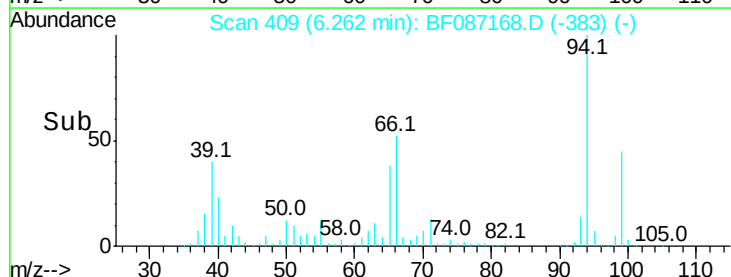
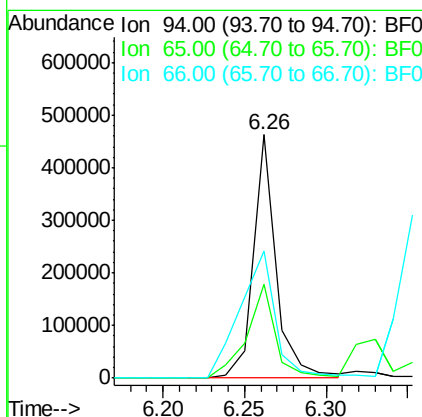
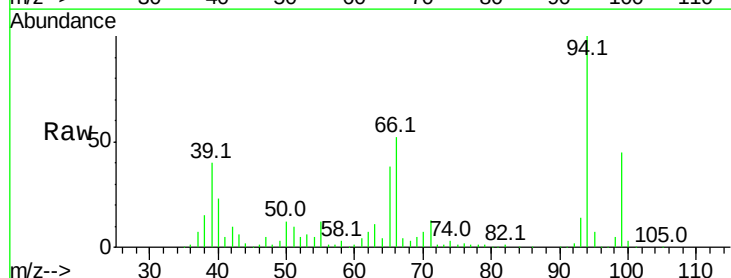
RT: 6.26 min Scan# 409

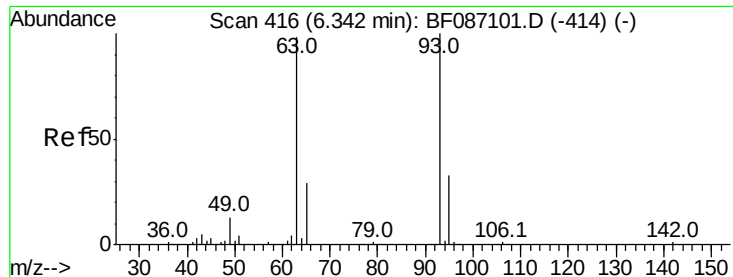
Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Tgt Ion:	94	Resp:	450682
Ion	Ratio	Lower	Upper
94	100		
65	38.4	7.2	47.2
66	52.4	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 40.20 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

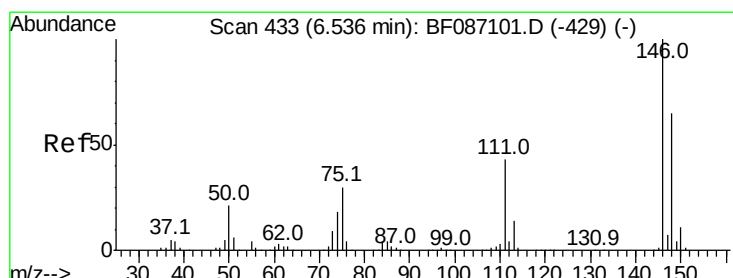
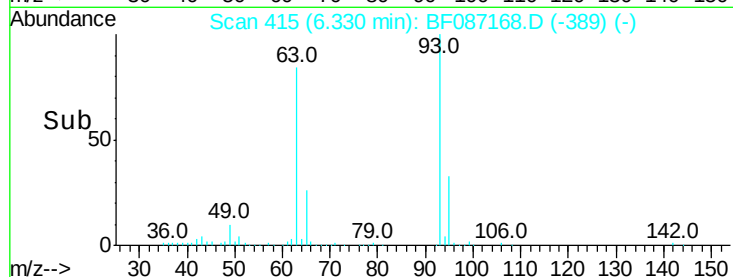
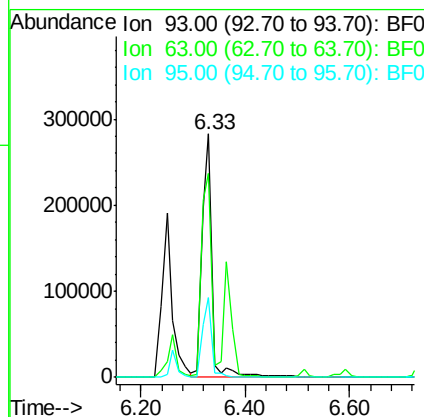
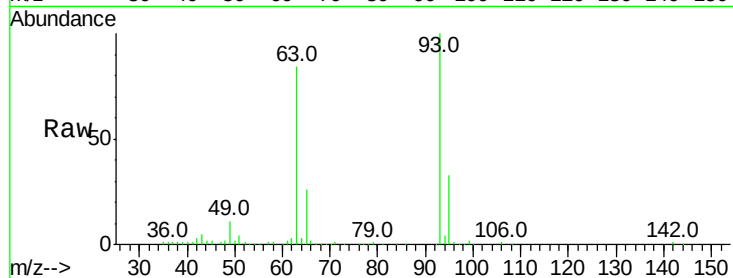
ClientSampleId :

PB90659BS

Tot Ion:	93	Resp:	372337
Ion Ratio	Lower	Upper	
93	100		
63	83.5	58.0	98.0
95	32.8	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 37.23 ng m

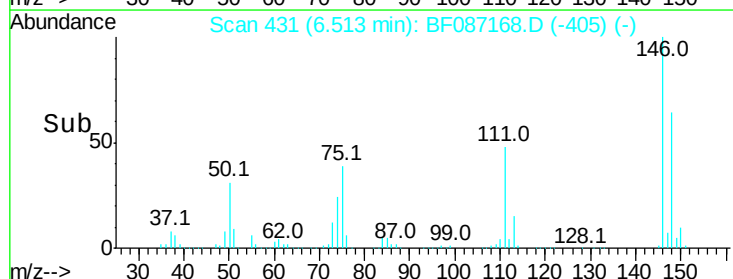
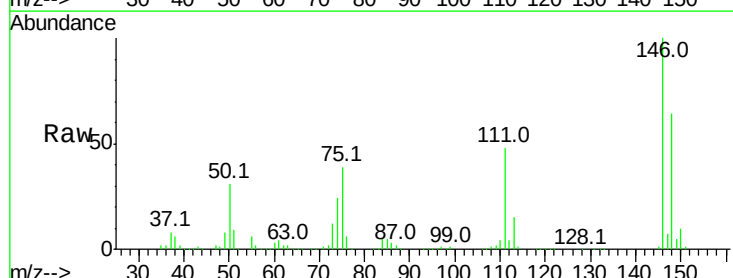
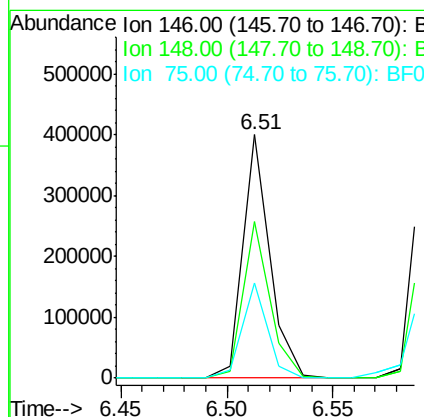
RT: 6.51 min Scan# 431

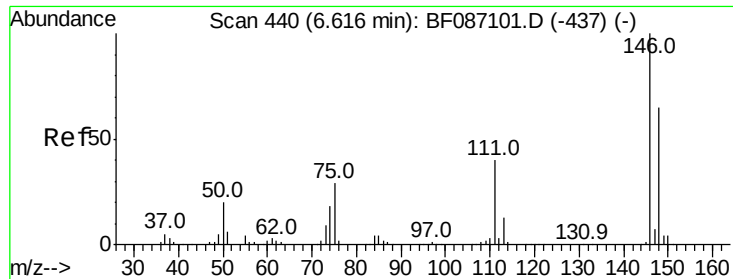
Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Tgt Ion:	146	Resp:	352319
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.4	78.6
75	39.0	22.8	34.2#





#13

1,4-Dichlorobenzene

Concen: 37.90 ng/mL

RT: 6.59 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

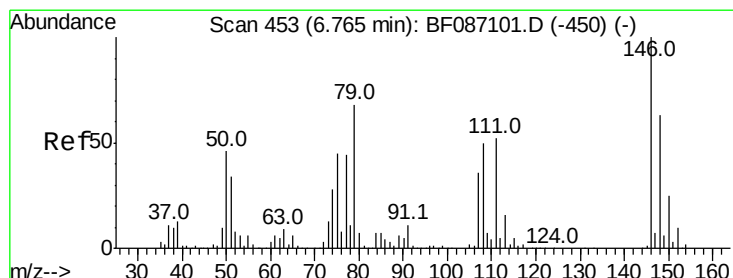
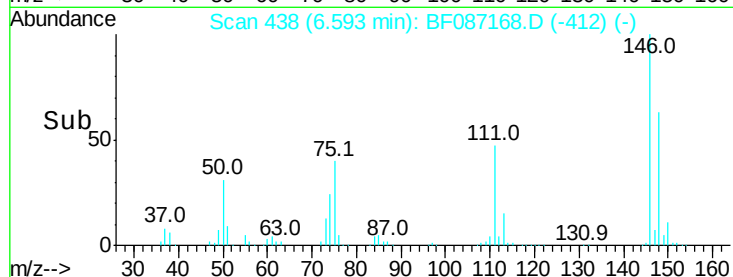
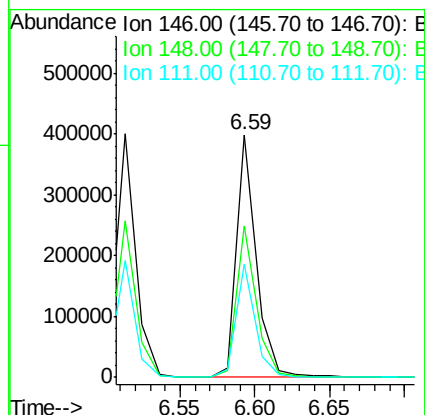
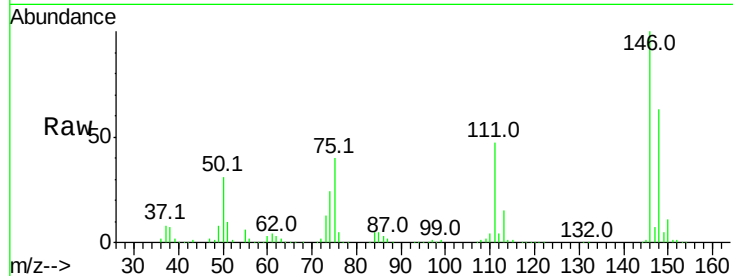
ClientSampled :

PB90659BS

Tot Ion:	146	Resp:	366921
Ion Ratio	Lower	Upper	
146	100		
148	62.6	52.2	78.4
111	46.5	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 37.88 ng/mL

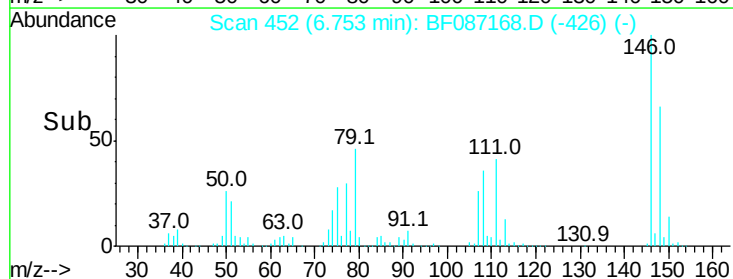
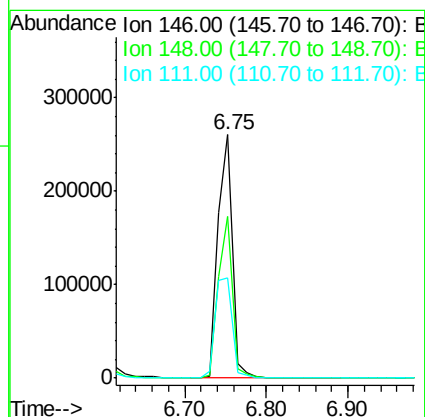
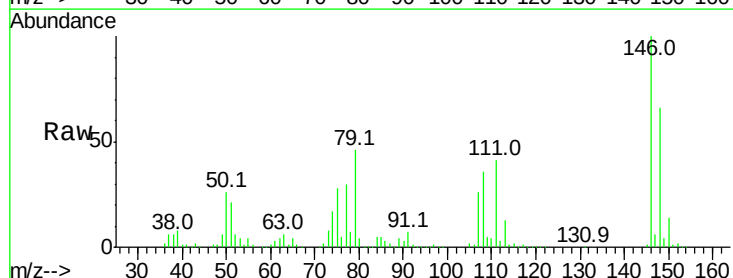
RT: 6.75 min Scan# 452

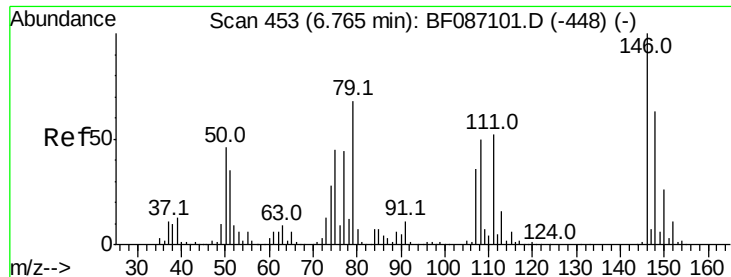
Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Tgt Ion:	146	Resp:	321099
Ion Ratio	Lower	Upper	
146	100		
148	66.2	51.0	76.6
111	41.1	36.2	54.4





#15

Benzyl Alcohol

Concen: 42.42 ng

RT: 6.74 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampled :

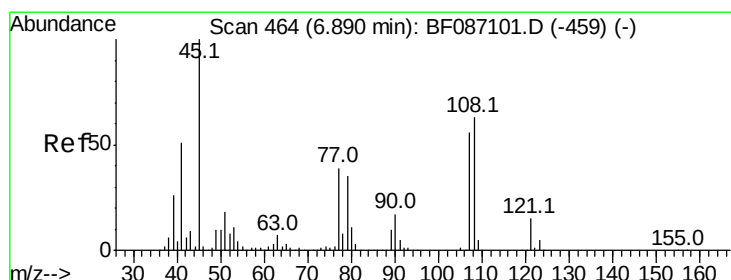
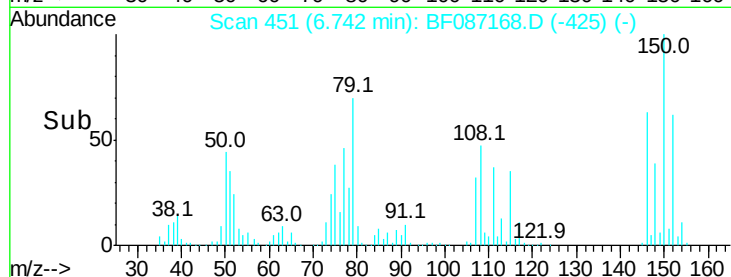
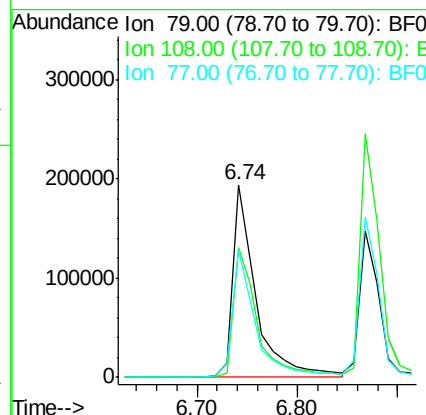
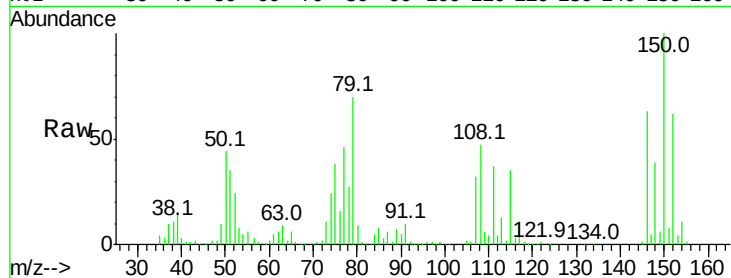
PB90659BS

Tot Ion: 79 Resp: 309900
Ion Ratio Lower Upper

79	100		
108	67.0	68.4	102.6#
77	65.6	50.6	76.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.02 ng

RT: 6.87 min Scan# 462

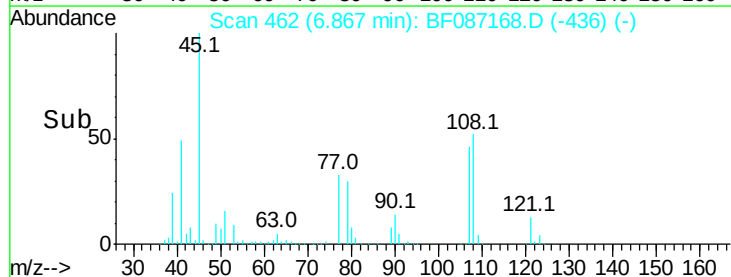
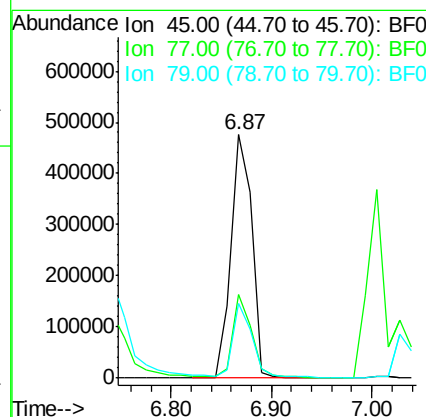
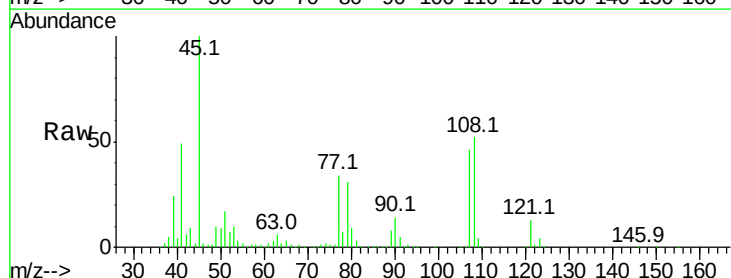
Delta R.T. 0.00 min

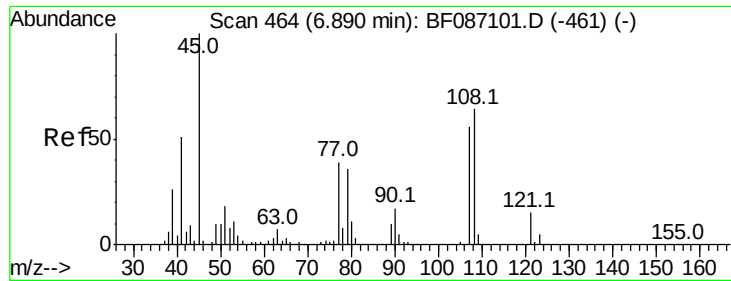
Lab File: BF087168.D

Acq: 19 May 2016 3:50

Tgt Ion: 45 Resp: 685892
Ion Ratio Lower Upper

45	100		
77	34.1	0.0	36.4
79	30.9	0.0	33.4





#17

2-Methylphenol

Concen: 38.72 ng

RT: 6.87 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampled :

PB90659BS

Tot Ion:107 Resp: 283063
Ion Ratio Lower Upper

107 100

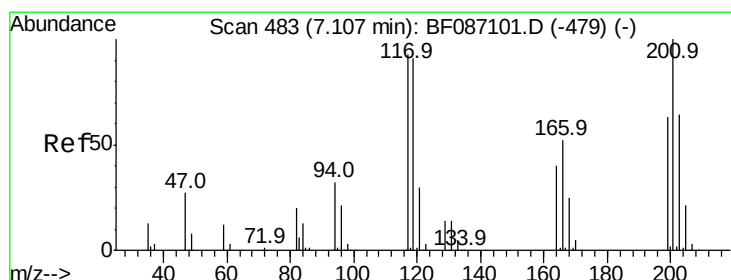
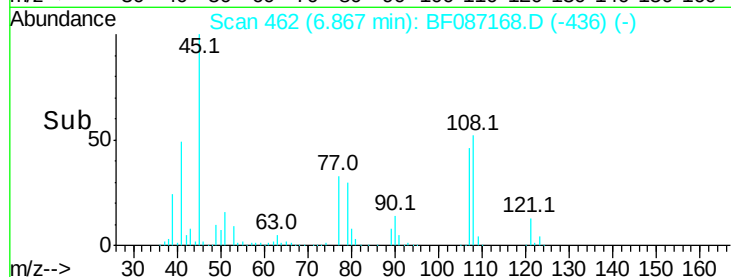
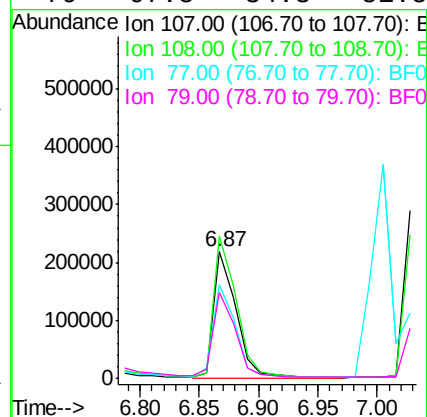
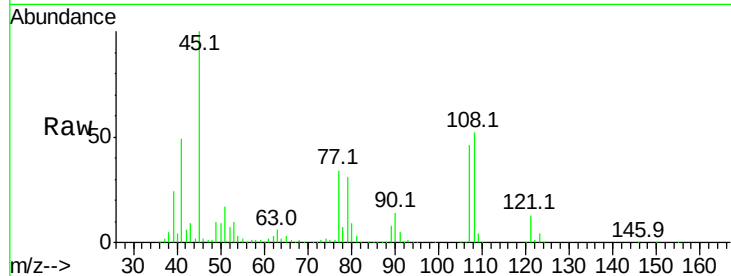
108 112.6 93.7 140.5

77 74.4 33.4 50.0#

79 67.5 34.3 51.5#

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#18

Hexachloroethane

Concen: 36.85 ng

RT: 7.08 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF087168.D

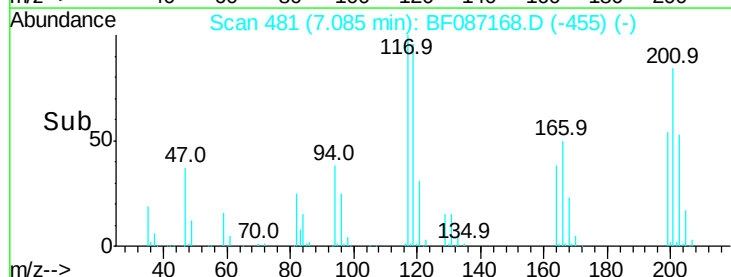
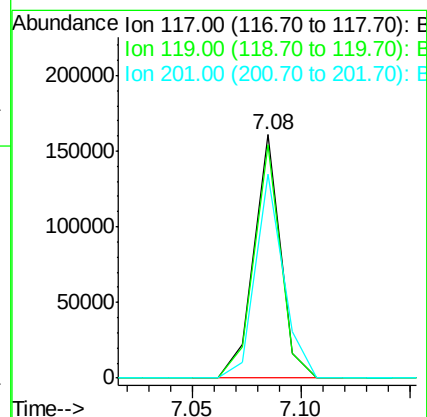
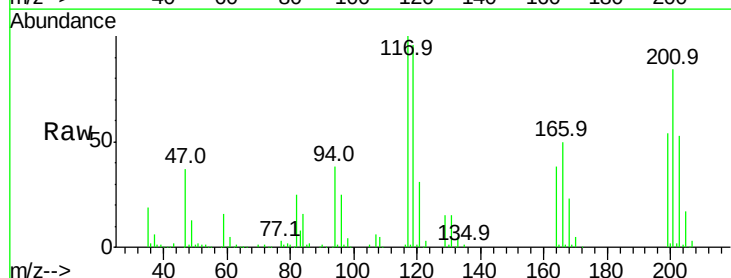
Acq: 19 May 2016 3:50

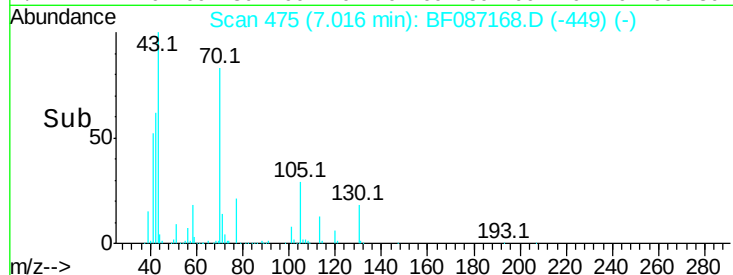
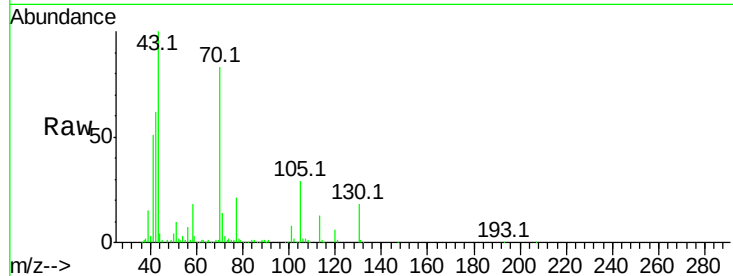
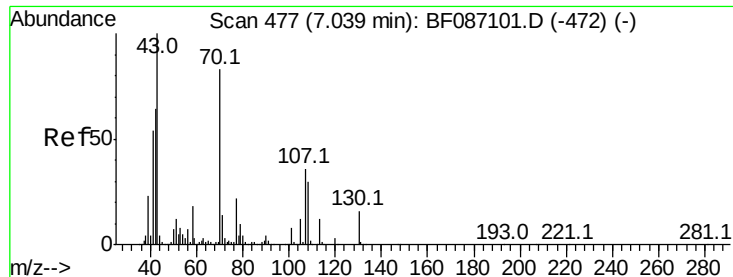
Tgt Ion:117 Resp: 136393
Ion Ratio Lower Upper

117 100

119 95.9 76.5 114.7

201 83.6 63.0 94.6





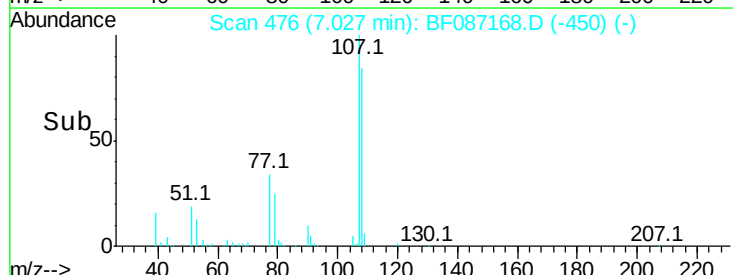
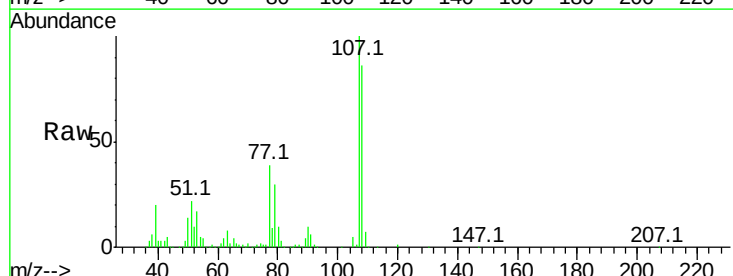
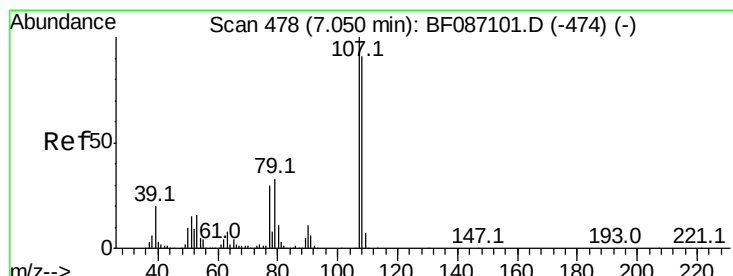
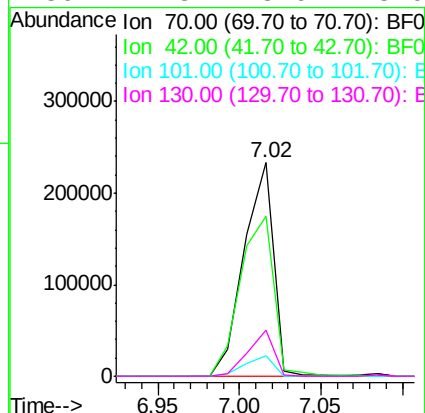
#19
n-Nitroso-di-n-propylamine
Concen: 39.21 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Instrument :
BNA_F
ClientSampleId :
PB90659BS

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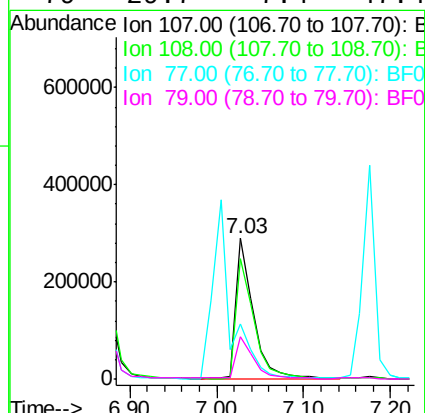
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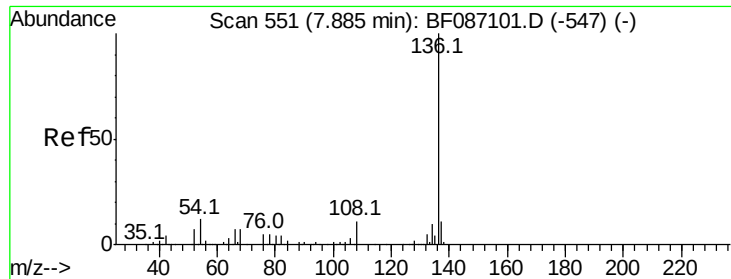
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	75.1	43.1	64.7#		
101	9.5	8.1	12.1		
130	21.3	18.6	28.0		



#20
3+4-Methylphenols
Concen: 40.85 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.6	68.5	108.5		
77	39.1	101.6	141.6#		
79	29.7	7.4	47.4		





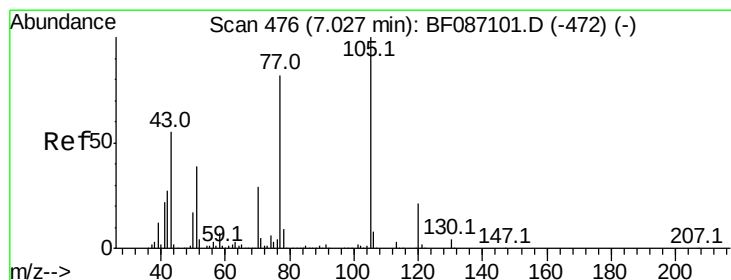
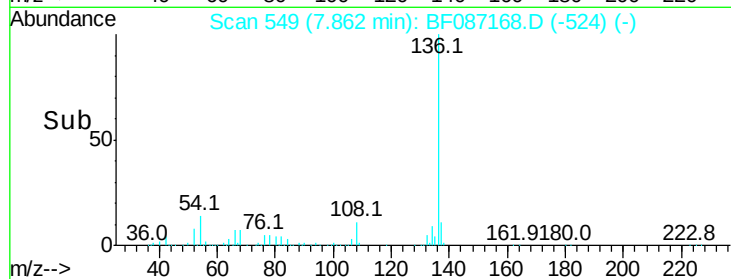
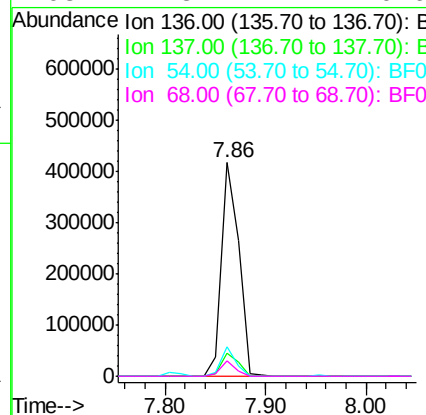
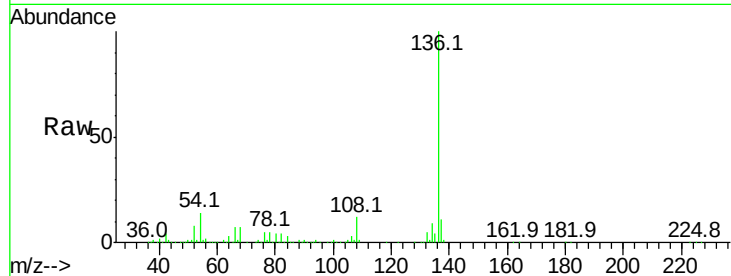
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Instrument :
BNA_F
ClientSampleId :
PB90659BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	499909		
137	11.1	8.8	13.2	
54	13.9	5.0	7.4	
68	7.3	4.4	6.6	

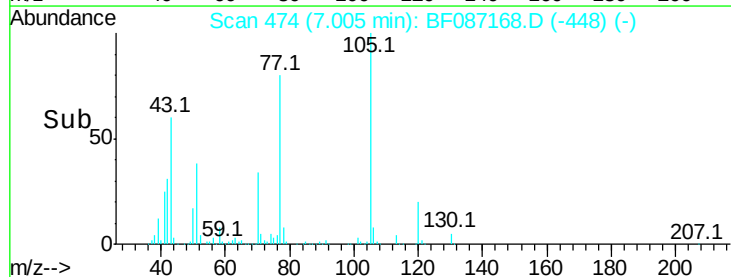
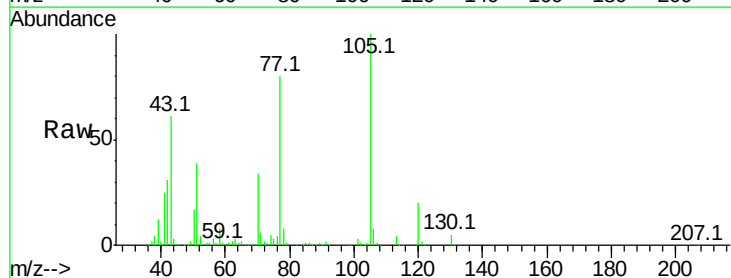
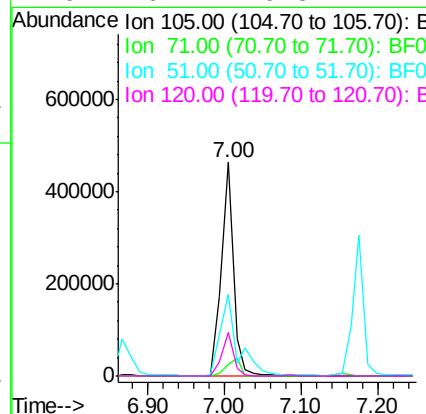
Manual Integrations
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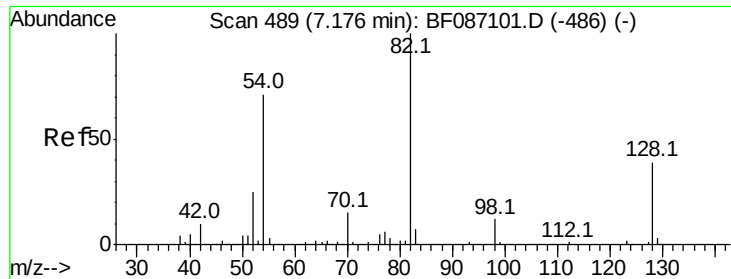
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#22
Acetophenone
Concen: 42.10 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	515007		
71	5.6	4.8	7.2	
51	38.6	32.6	49.0	
120	20.2	16.5	24.7	





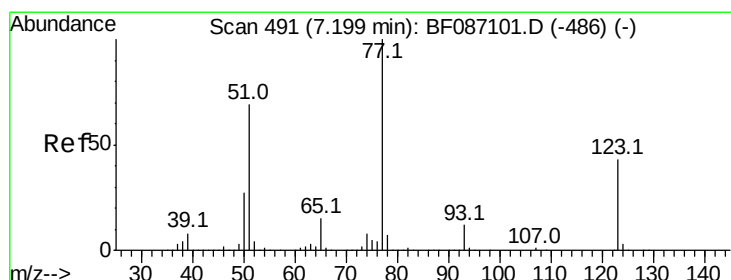
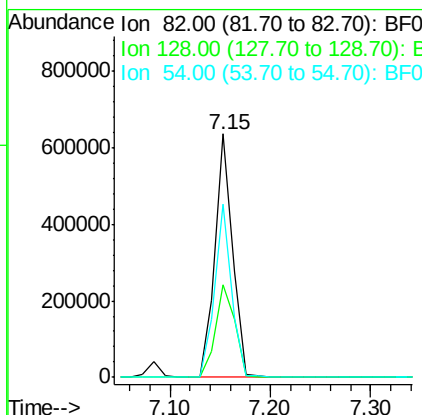
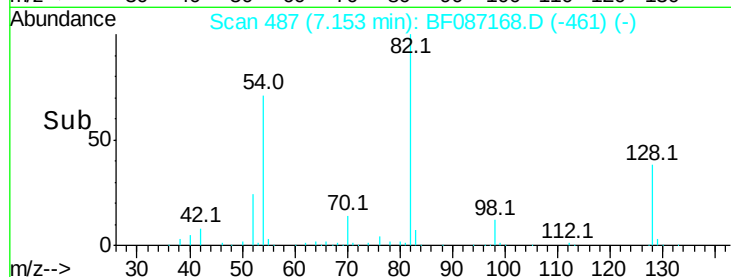
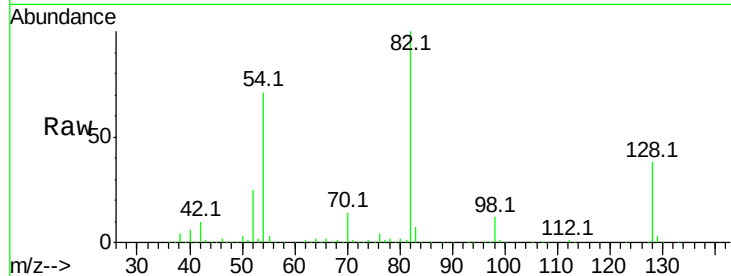
#23
 Nitrobenzene-d5
 Concen: 77.94 ng
 RT: 7.15 min Scan# 487
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90659BS

Tot Ion:	82	Resp:	781748
Ion Ratio	Lower	Upper	
82	100		
128	38.3	40.6	61.0#
54	71.3	38.1	57.1#

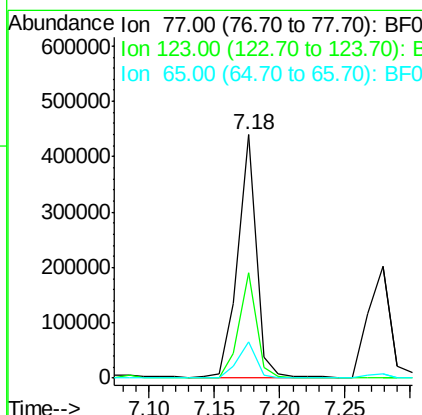
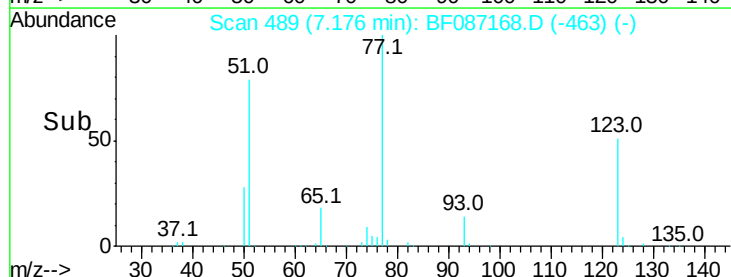
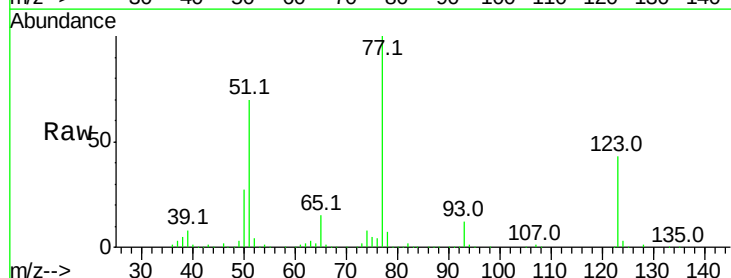
Manual Integrations
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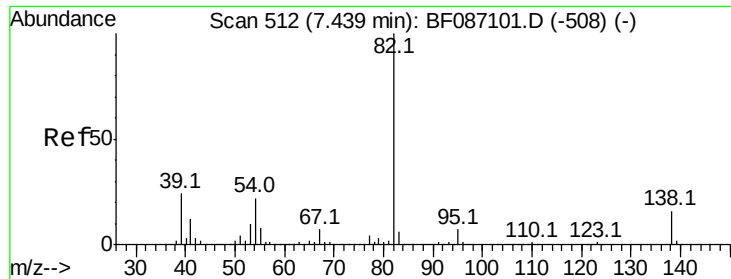
sohil
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#24
 Nitrobenzene
 Concen: 39.23 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Tgt Ion:	77	Resp:	429643
Ion Ratio	Lower	Upper	
77	100		
123	43.4	33.0	49.4
65	14.9	10.8	16.2





#25

Isophorone

Concen: 39.44 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

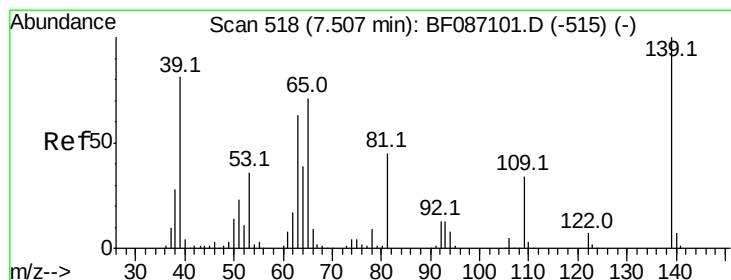
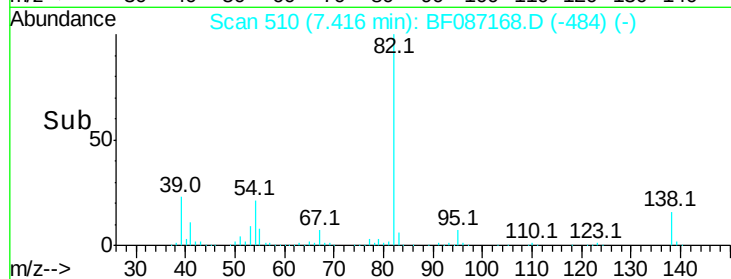
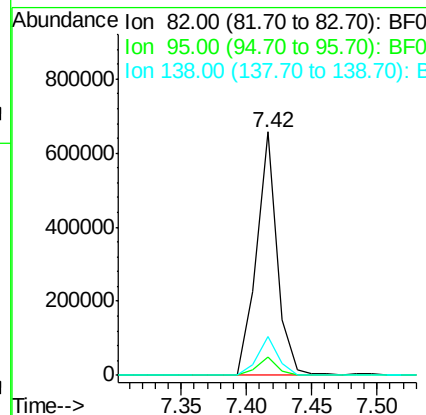
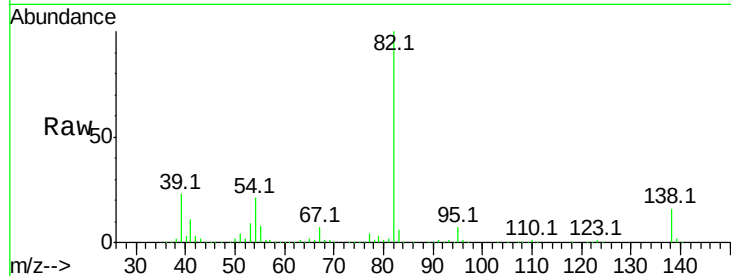
ClientSampleId :

PB90659BS

Tot Ion:	82	Resp:	724201
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.1	7.7
138	15.8	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.01 ng

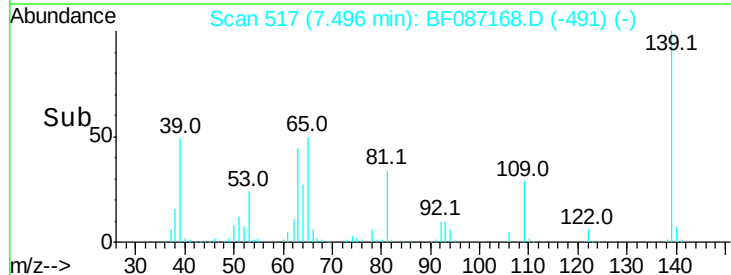
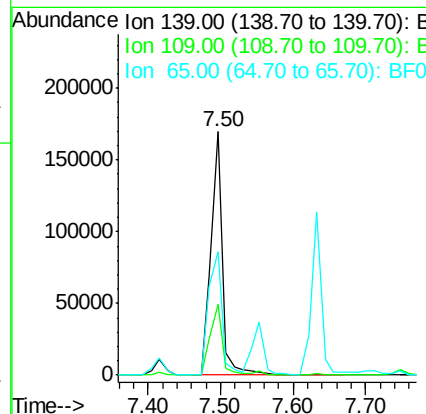
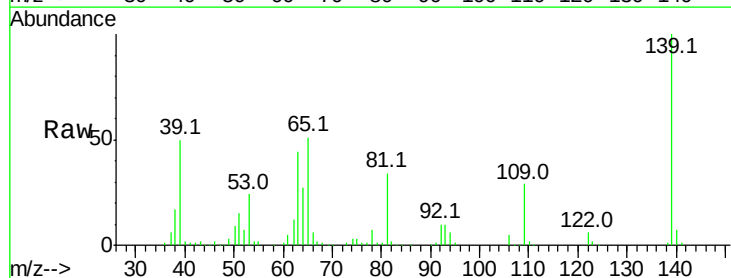
RT: 7.50 min Scan# 517

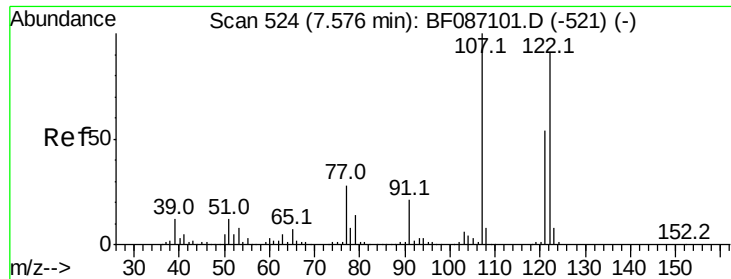
Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Tgt Ion:	139	Resp:	186070
Ion Ratio	Lower	Upper	
139	100		
109	29.0	19.5	29.3
65	50.8	37.5	56.3





#27

2,4-Dimethylphenol

Concen: 42.46 ng

RT: 7.55 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

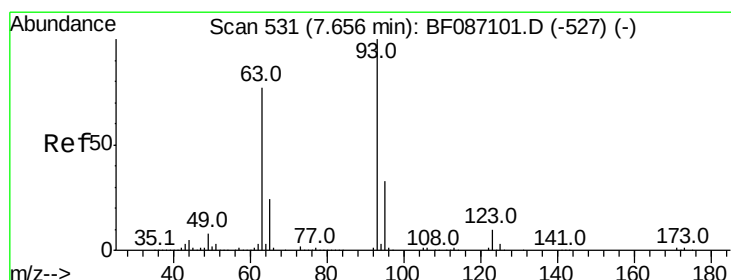
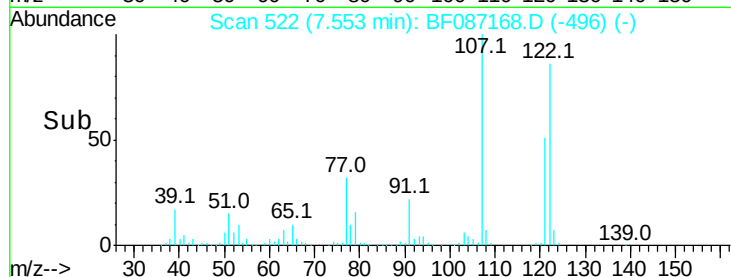
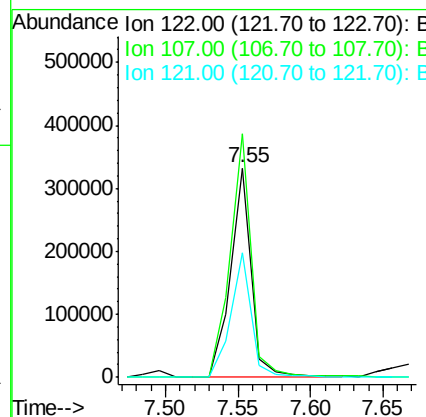
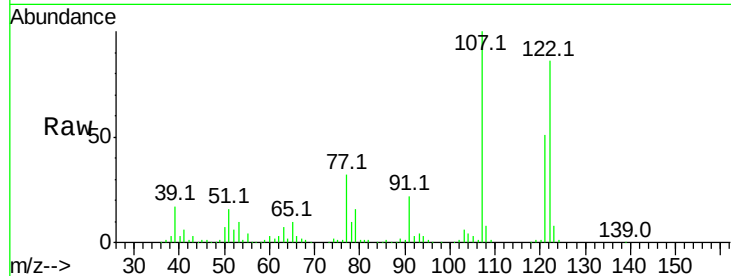
ClientSampled :

PB90659BS

Tot Ion:	122	Resp:	328767
Ion Ratio	Lower	Upper	
122	100		
107	116.2	82.0	123.0
121	59.5	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 43.02 ng

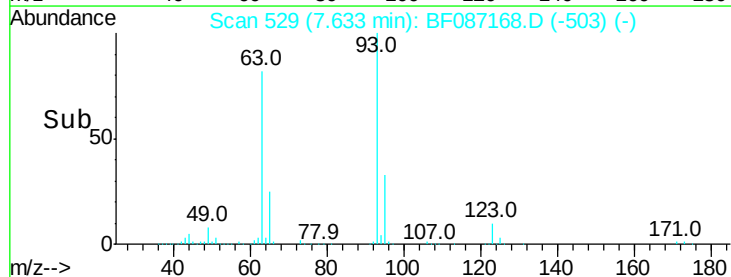
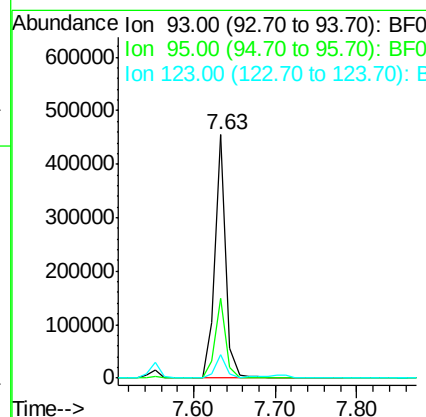
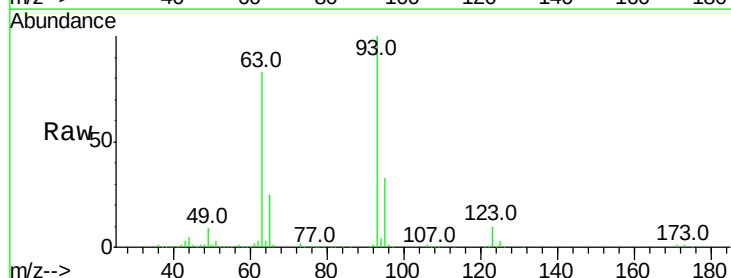
RT: 7.63 min Scan# 529

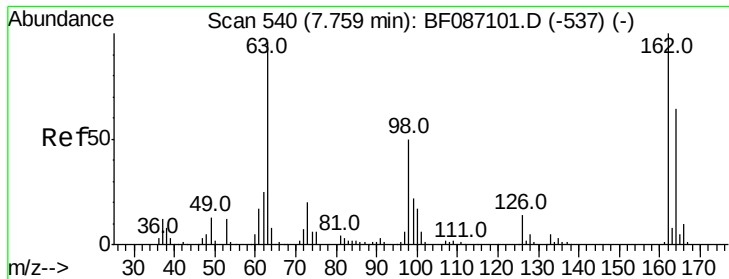
Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Tgt Ion:	93	Resp:	433664
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.0	39.0
123	9.7	9.5	14.3





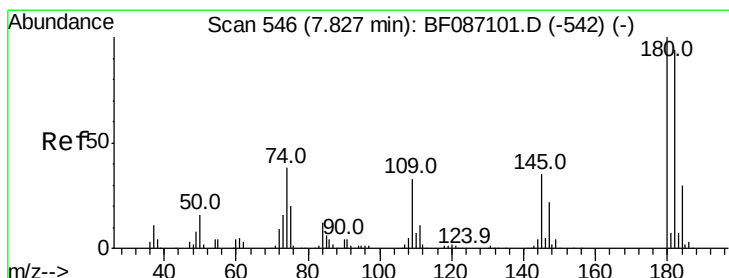
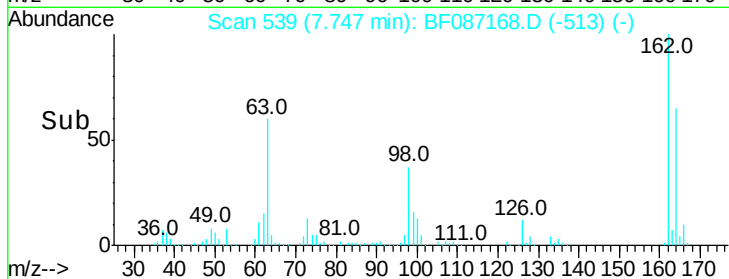
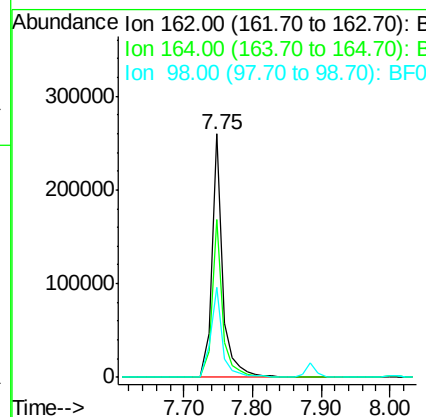
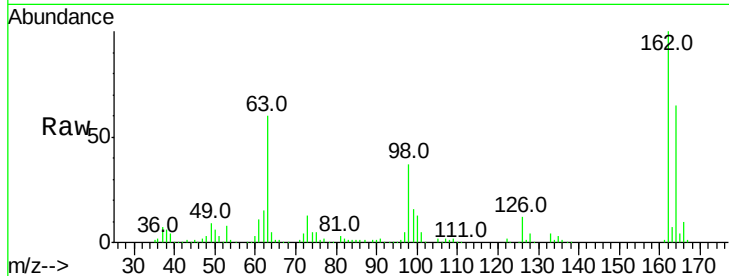
#29
 2,4-Dichlorophenol
 Concen: 41.55 ng
 RT: 7.75 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90659BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	283462		
164	65.1	42.2	82.2	
98	36.9	19.0	59.0	

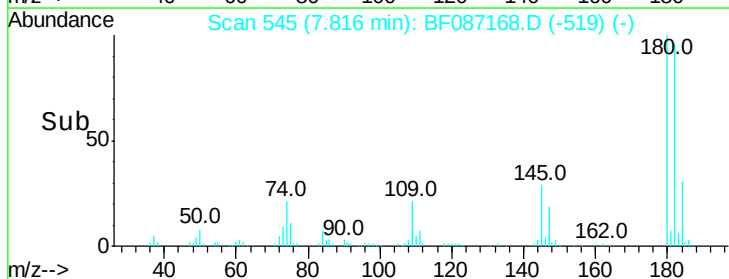
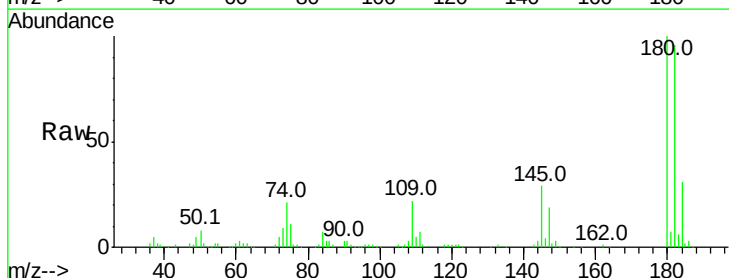
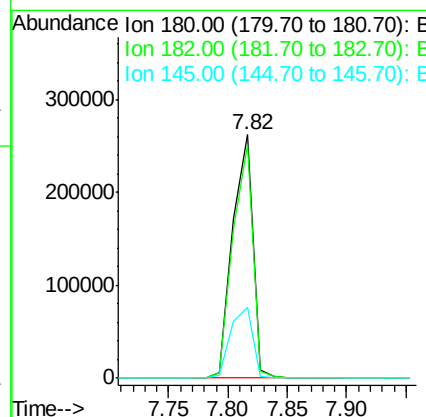
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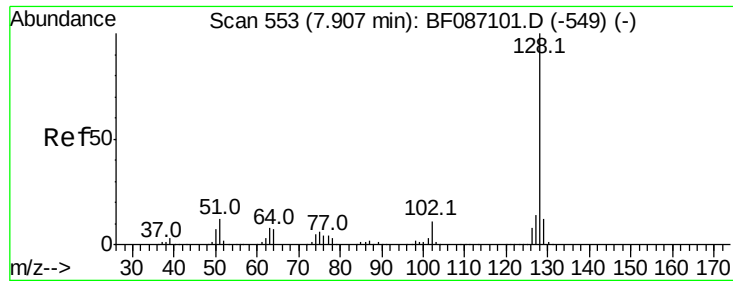
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.92 ng
 RT: 7.82 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	309821		
182	95.8	78.0	117.0	
145	28.8	24.2	36.2	





#31

Naphthalene

Concen: 39.42 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

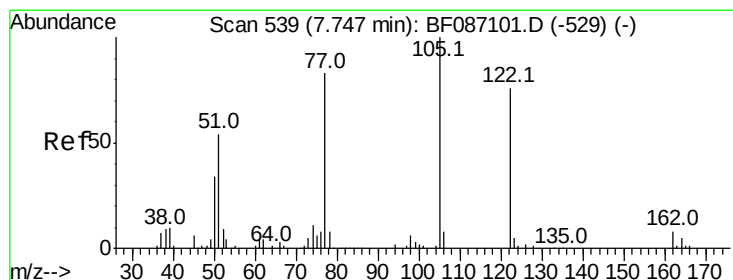
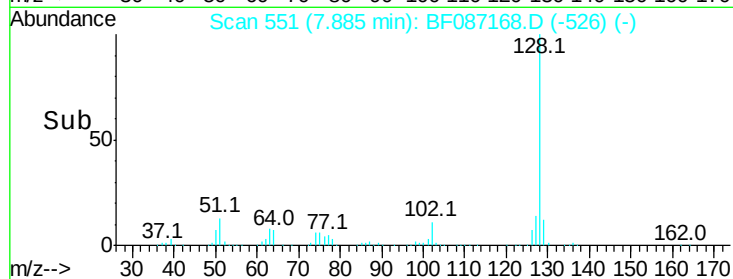
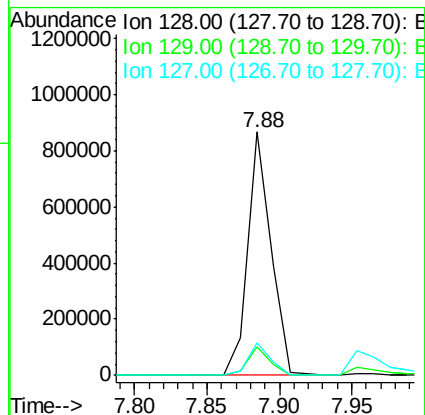
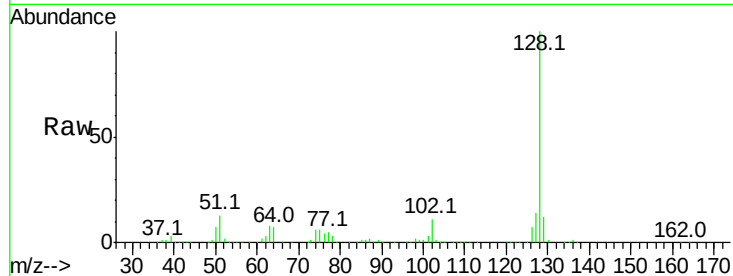
ClientSampled :

PB90659BS

Tot Ion:	128	Resp:	962822
Ion Ratio	Lower	Upper	
128	100		
129	11.7	8.6	13.0
127	13.6	10.8	16.2

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#32

Benzoic acid

Concen: 37.21 ng

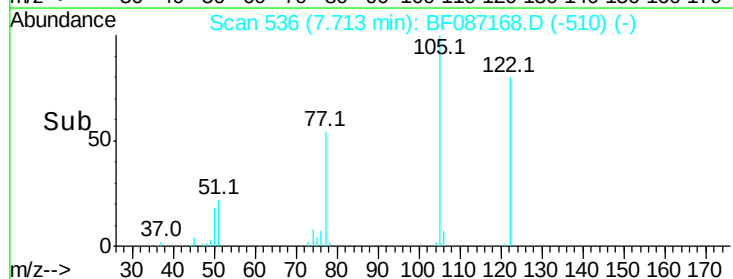
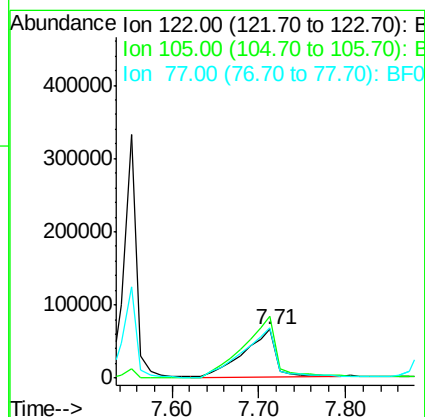
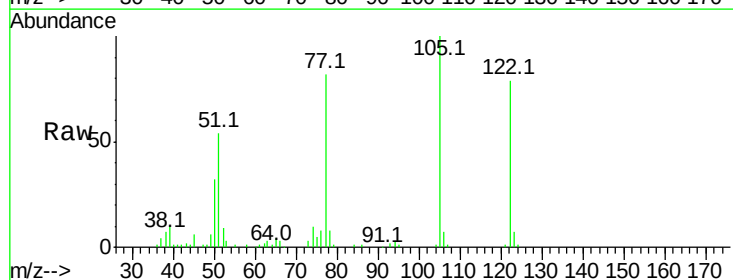
RT: 7.71 min Scan# 536

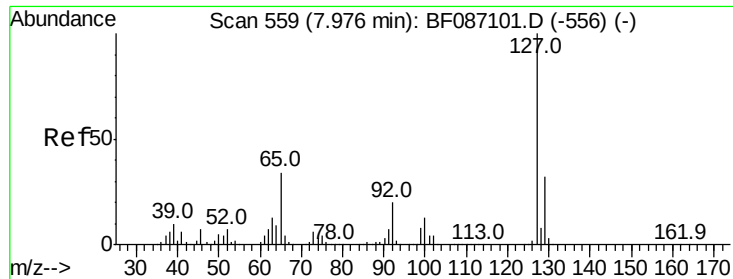
Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Tgt Ion:	122	Resp:	171742
Ion Ratio	Lower	Upper	
122	100		
105	127.2	92.6	132.6
77	104.6	60.0	100.0#





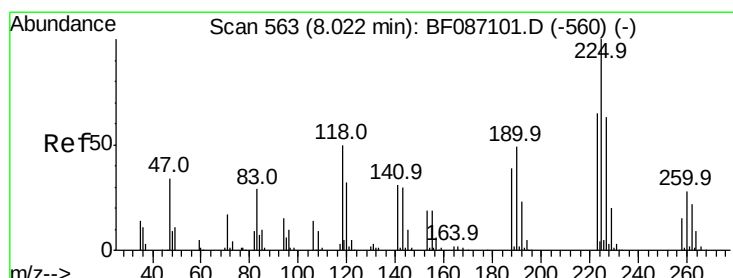
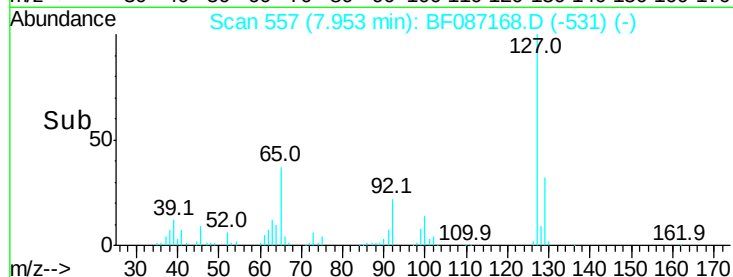
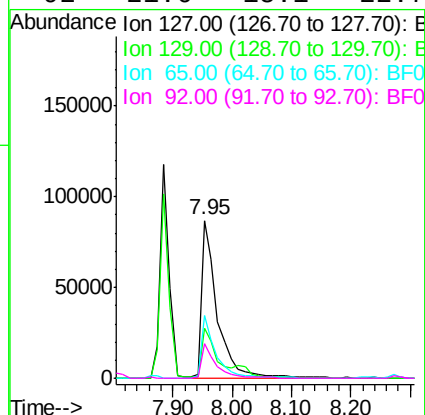
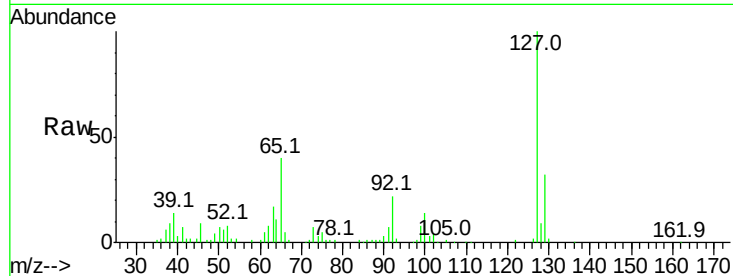
#33
4-Chloroaniline
Concen: 16.08 ng
RT: 7.95 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Instrument :
BNA_F
ClientSampleId :
PB90659BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	26.2	39.4	
65	39.8	23.0	34.4	
92	21.6	15.1	22.7	

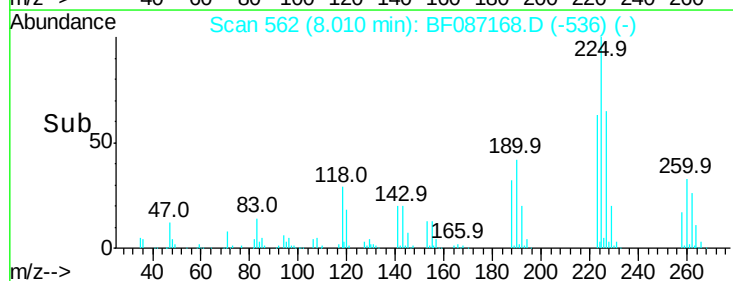
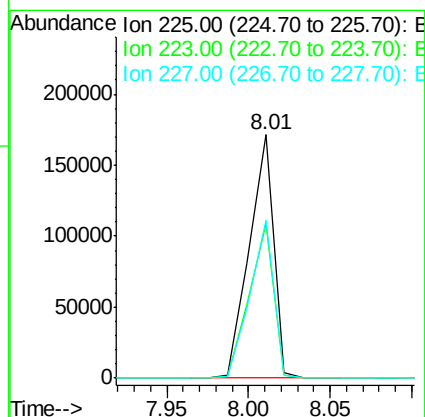
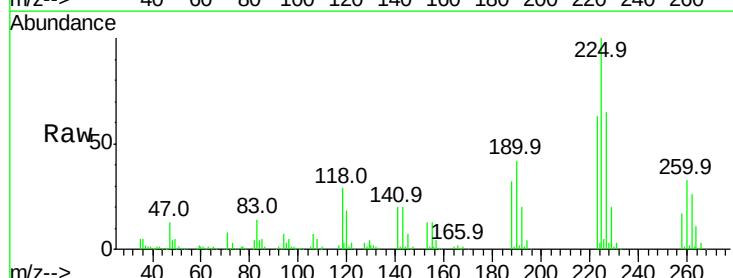
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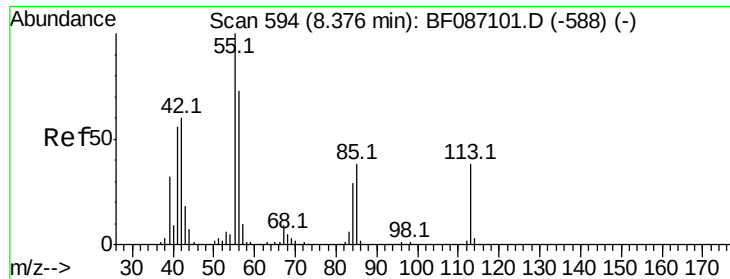
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#34
Hexachlorobutadiene
Concen: 41.23 ng
RT: 8.01 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	51.5	77.3	
227	65.0	52.2	78.2	





#35

Caprolactam

Concen: 41.34 ng

RT: 8.33 min Scan# 590

Delta R.T. -0.01 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

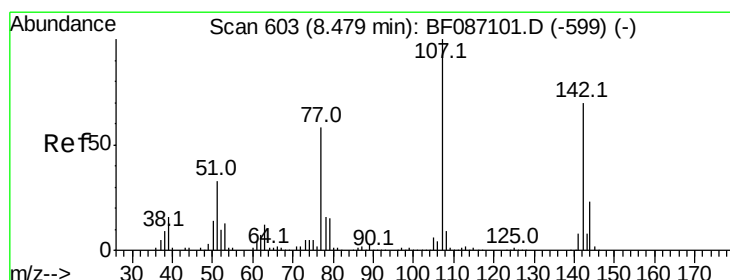
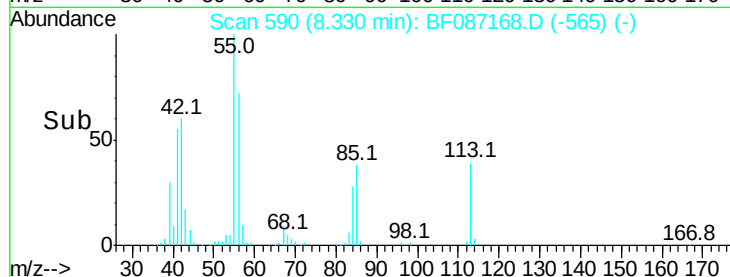
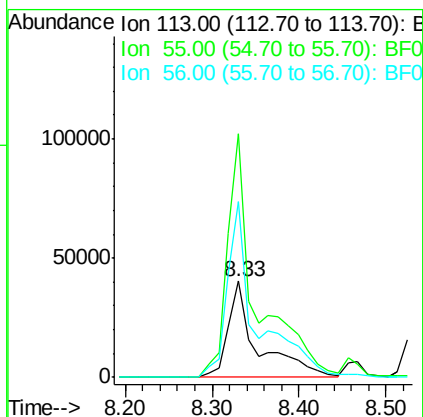
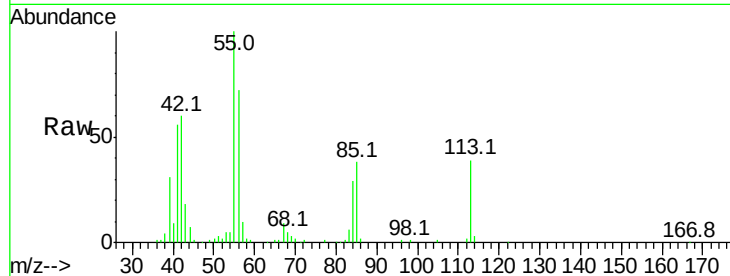
ClientSampled :

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Tot Ion	Ratio	Lower	Upper
113	100		
55	253.8	162.0	202.0#
56	183.2	115.3	155.3#

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#36

4-Chloro-3-methylphenol

Concen: 38.81 ng

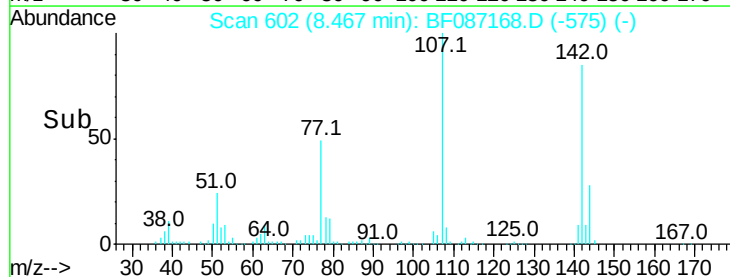
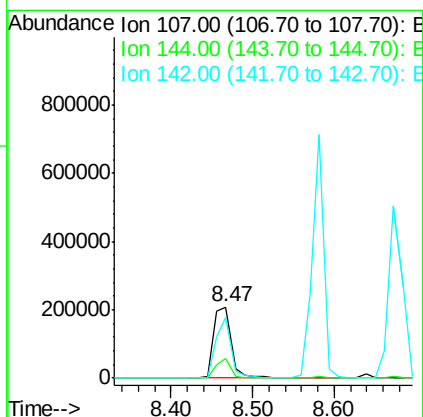
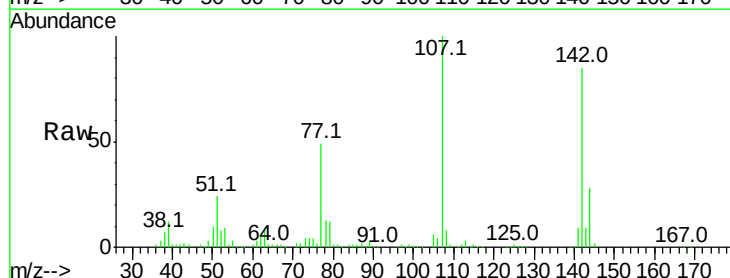
RT: 8.47 min Scan# 602

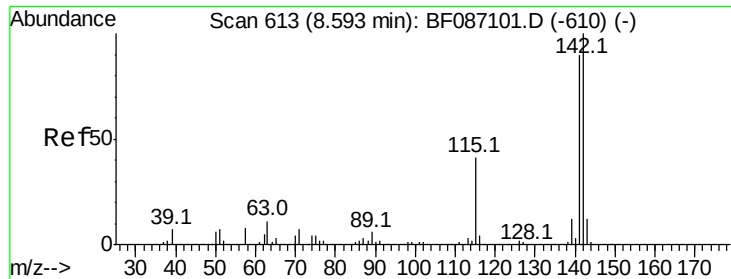
Delta R.T. 0.01 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	20.7	31.1
142	84.5	63.2	94.8





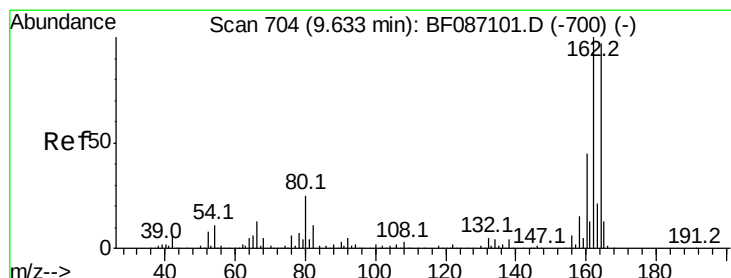
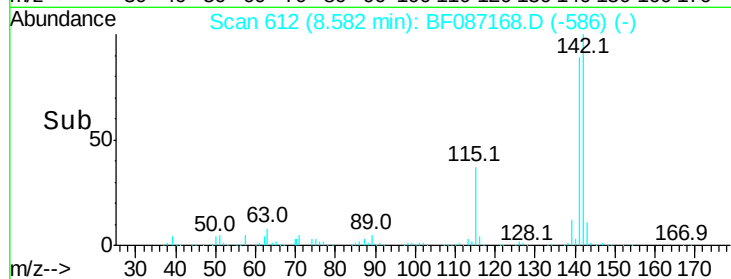
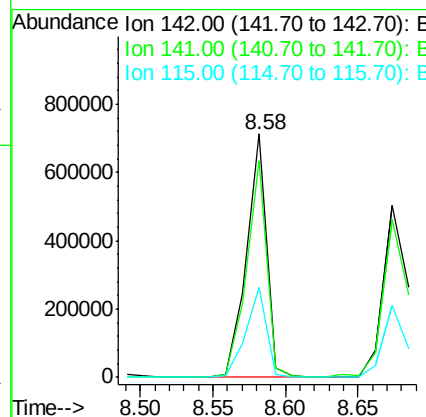
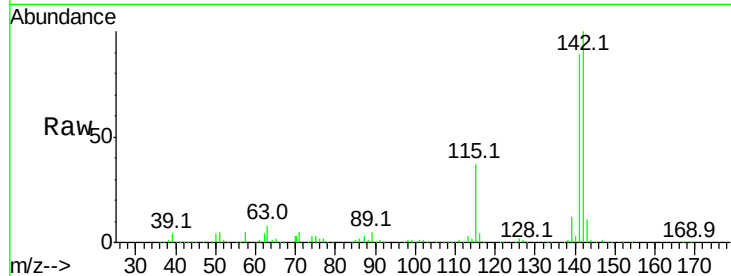
#37
 2-Methylnaphthalene
 Concen: 43.98 ng
 RT: 8.58 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90659BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	687092		
141	89.0	71.0	106.6	
115	37.1	26.6	39.8	

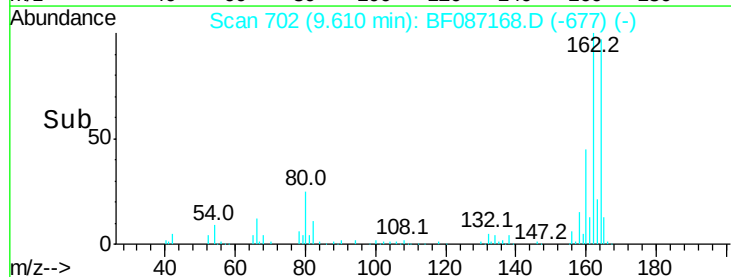
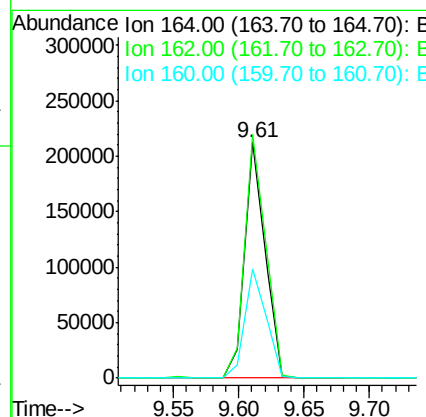
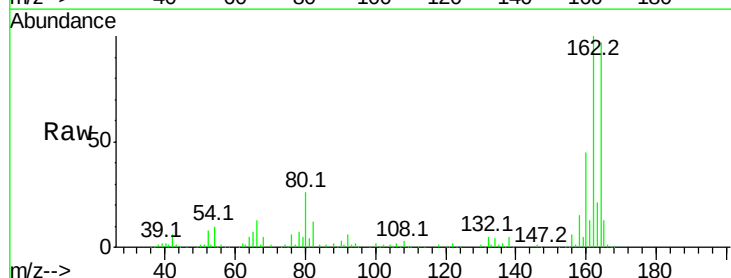
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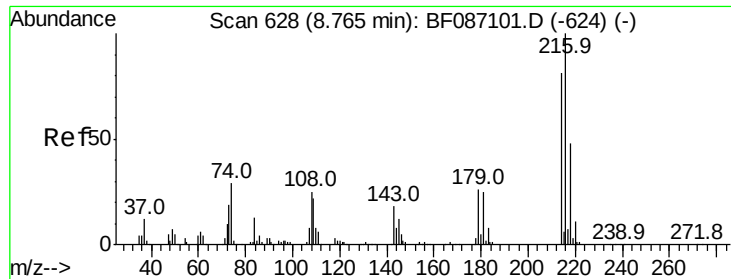
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	230030		
162	103.3	82.8	124.2	
160	46.5	36.9	55.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.36 ng

RT: 8.74 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF087168.D

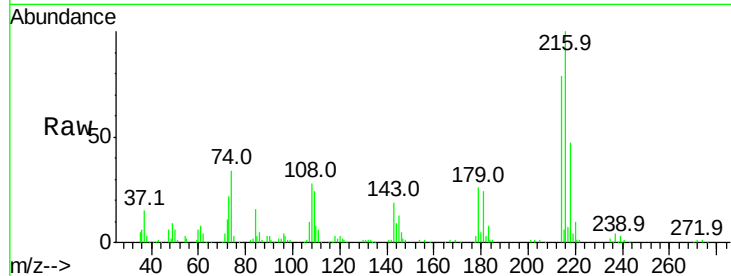
Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

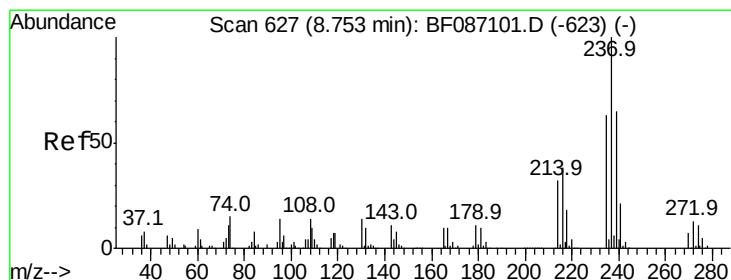
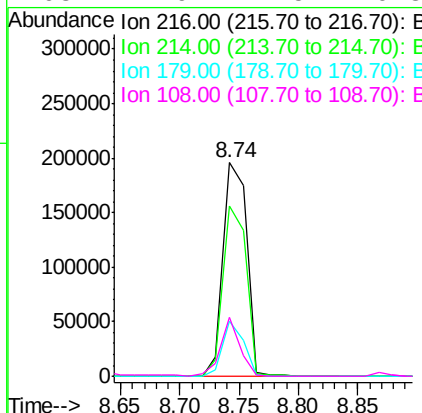
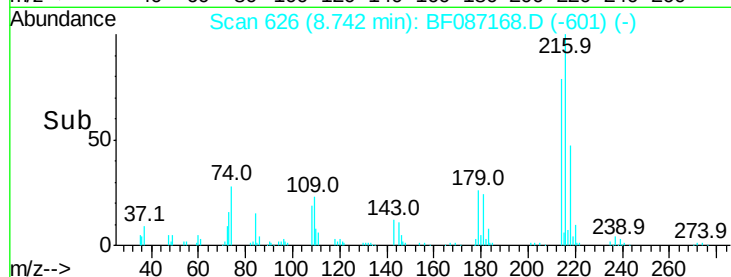
PB90659BS



Tot Ion	Ratio	Resp	Lower	Upper
216	100	271178		
214	78.3	62.6	93.8	
179	22.9	18.2	27.4	
108	22.9	17.5	26.3	

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#40

Hexachlorocyclopentadiene

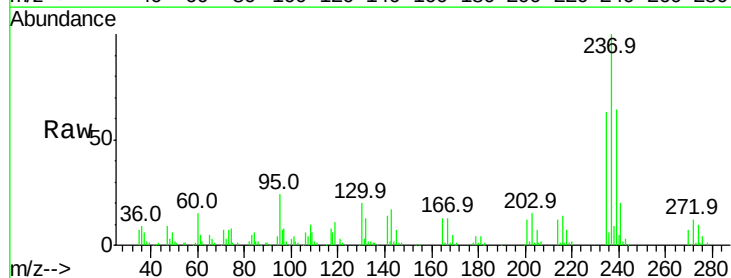
Concen: 45.37 ng

RT: 8.73 min Scan# 625

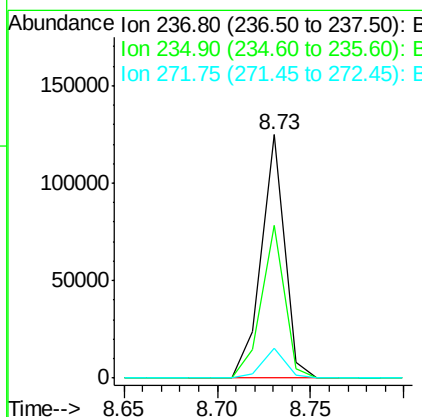
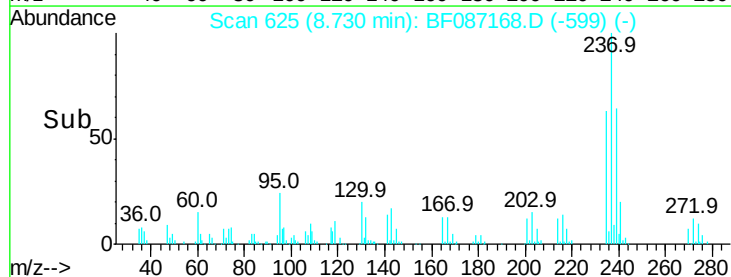
Delta R.T. 0.00 min

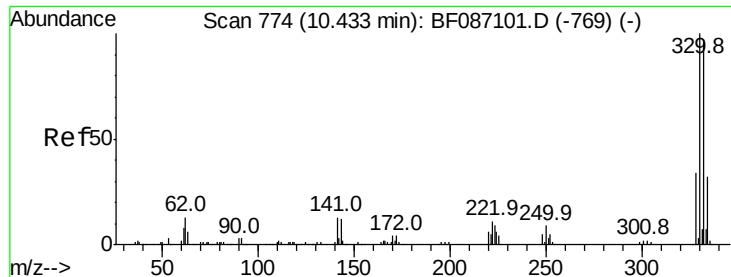
Lab File: BF087168.D

Acq: 19 May 2016 3:50



Tgt Ion	Ratio	Resp	Lower	Upper
237	100	107943		
235	62.7	47.2	87.2	
272	12.3	0.0	31.1	





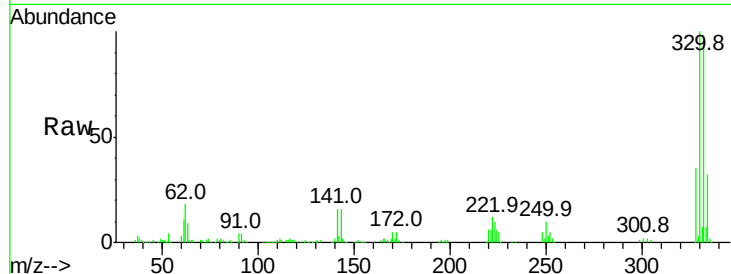
#41
 2,4,6-Tribromophenol
 Concen: 129.45 ng
 RT: 10.41 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90659BS

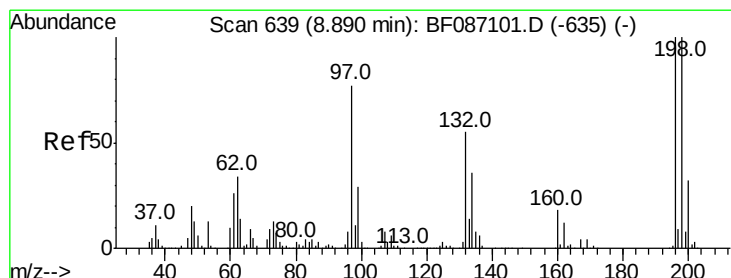
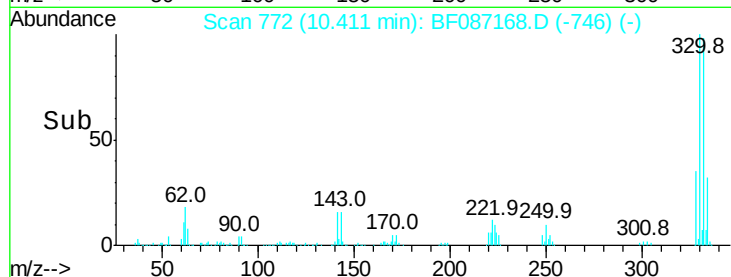
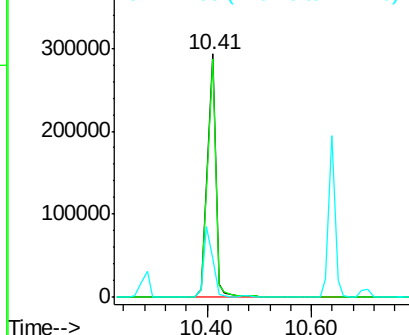
Tot Ion	Ratio	Resp	Lower	Upper
330	100	329055		
332	96.9	79.0	118.4	
141	31.6	31.2	46.8	

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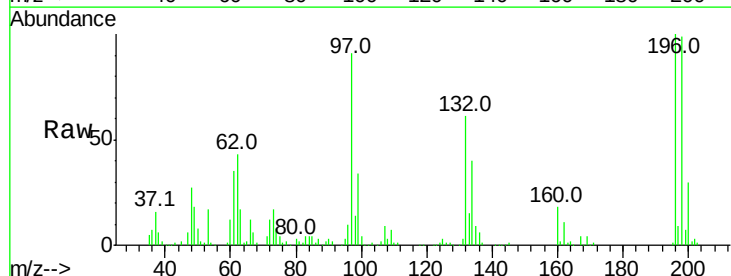


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

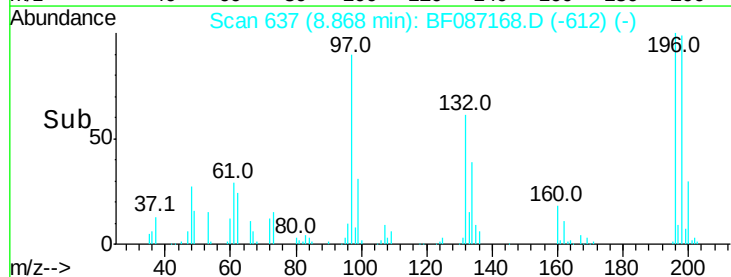
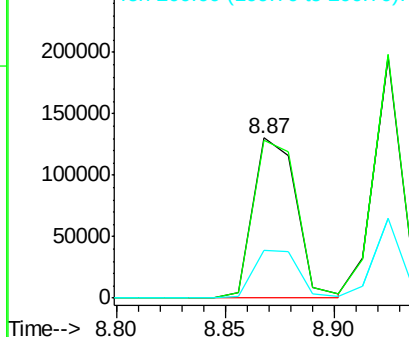


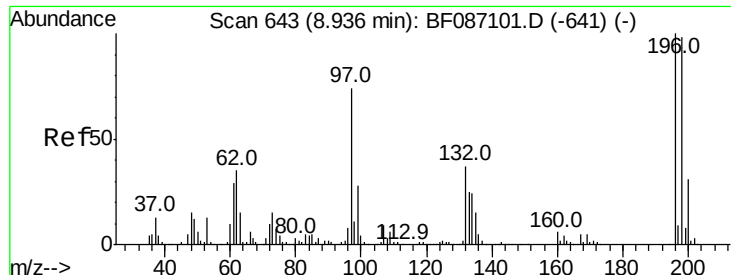
#42
 2,4,6-Trichlorophenol
 Concen: 41.43 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180516		
198	98.6	74.7	112.1	
200	30.0	23.8	35.6	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





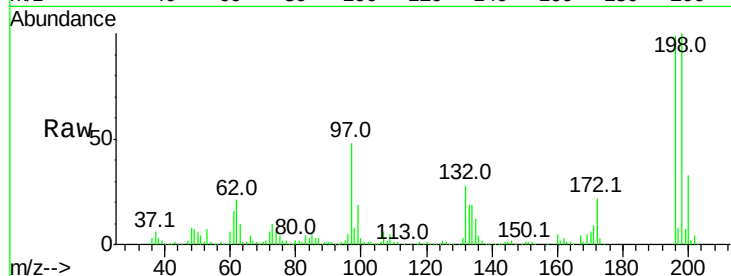
#43
 2,4,5-Trichlorophenol
 Concen: 42.13 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90659BS

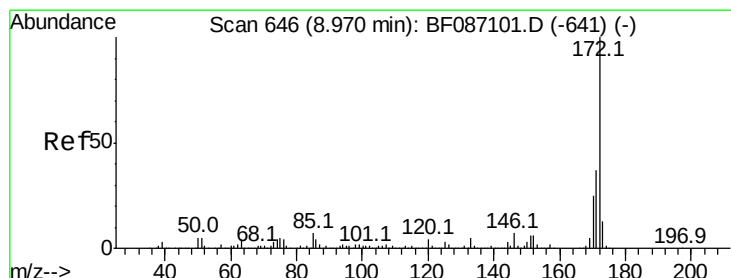
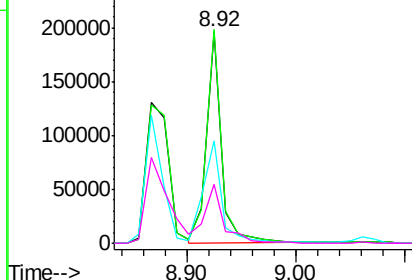
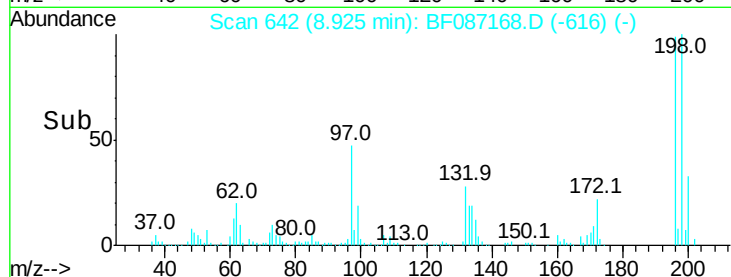
Tot Ion	Ion	Resp	Lower	Upper
196	100			
198	100.9	77.5	116.3	
97	48.1	34.8	52.2	
132	28.1	23.0	34.4	

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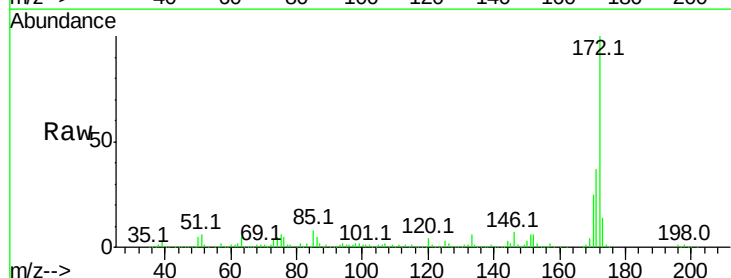


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

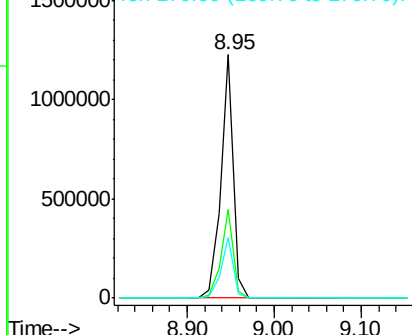
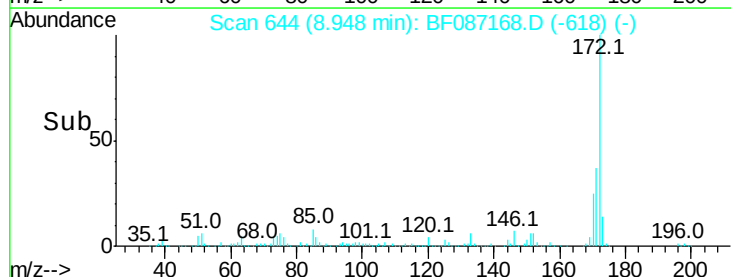


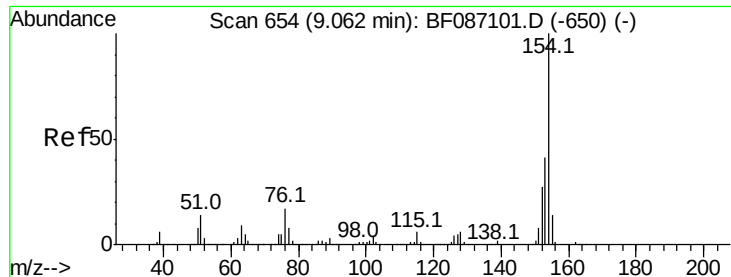
#44
 2-Fluorobiphenyl
 Concen: 89.31 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Tgt Ion	Ion	Resp	Lower	Upper
172	100			
171	36.7	29.0	43.6	
170	24.7	19.8	29.8	



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





#45

1,1'-Biphenyl

Concen: 42.09 ng

RT: 9.05 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

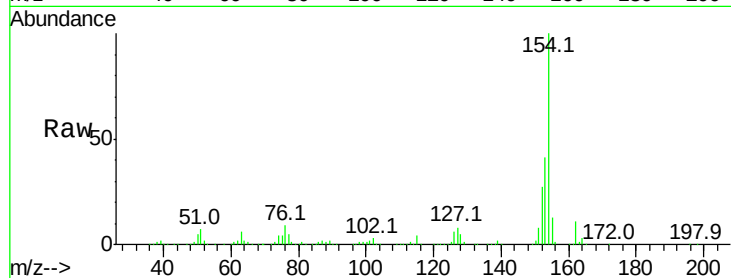
ClientSampleId :

PB90659BS

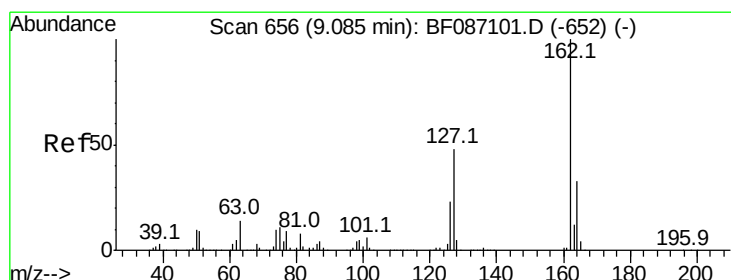
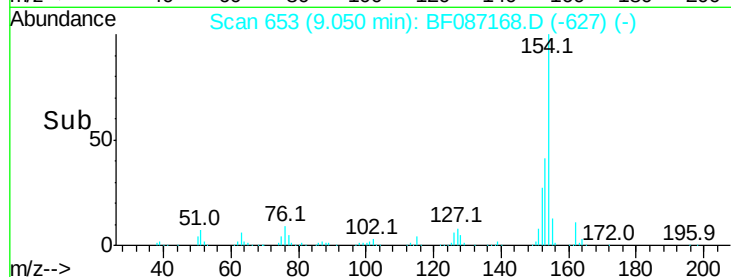
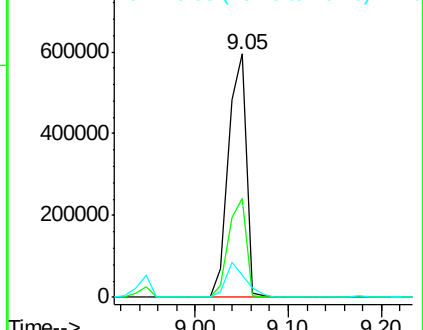
Tot Ion:	154	Resp:	802776
Ion Ratio	Lower	Upper	
154	100		
153	40.5	20.3	60.3
76	9.3	0.0	30.2

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



#46

2-Chloronaphthalene

Concen: 40.39 ng

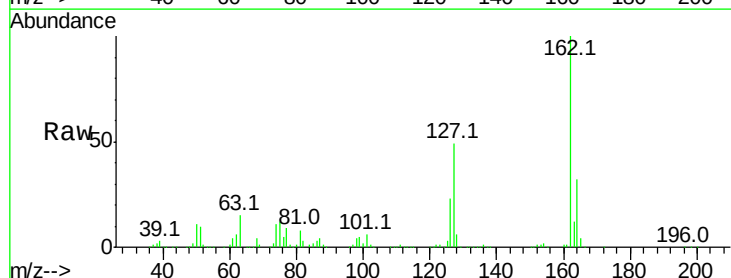
RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

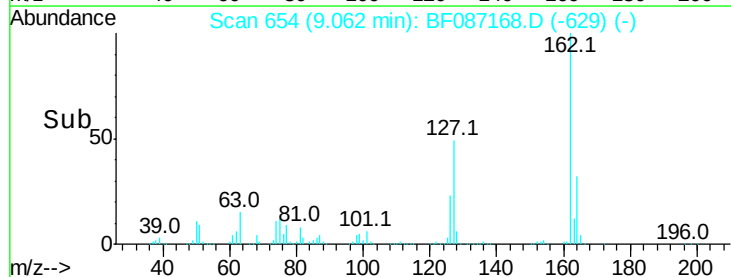
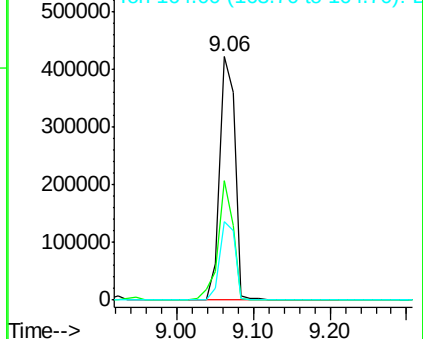
Lab File: BF087168.D

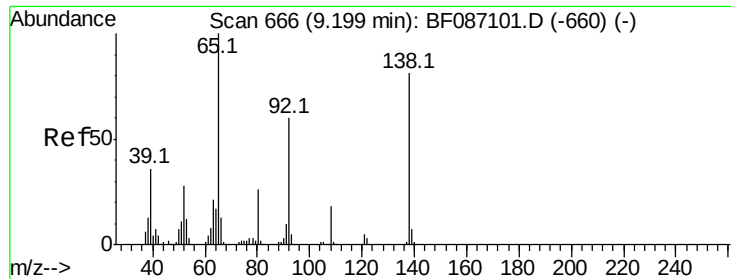
Acq: 19 May 2016 3:50

Tgt Ion:	162	Resp:	591449
Ion Ratio	Lower	Upper	
162	100		
127	48.9	31.8	47.6#
164	32.2	27.0	40.6



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





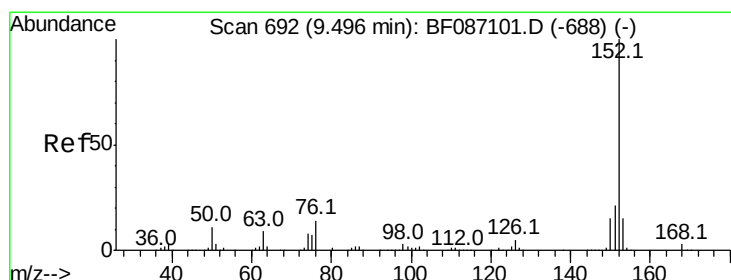
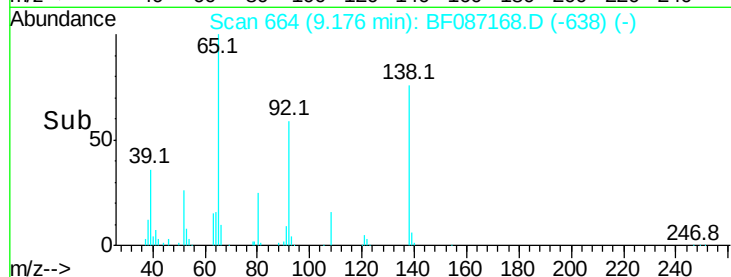
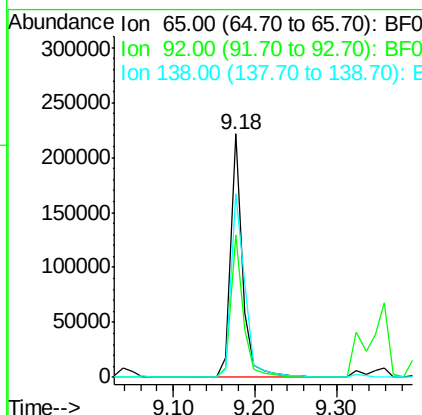
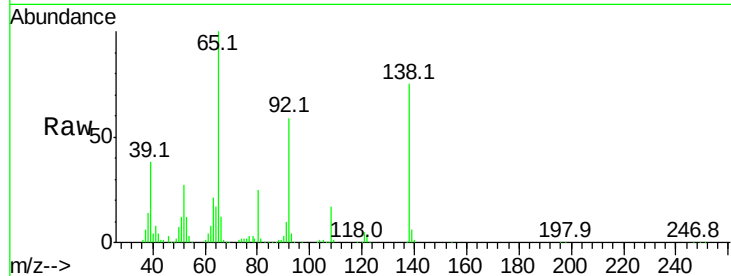
#47
2-Nitroaniline
Concen: 40.11 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Instrument :
BNA_F
ClientSampled :
PB90659BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	58.6	57.4	86.2
138	75.4	90.1	135.1#

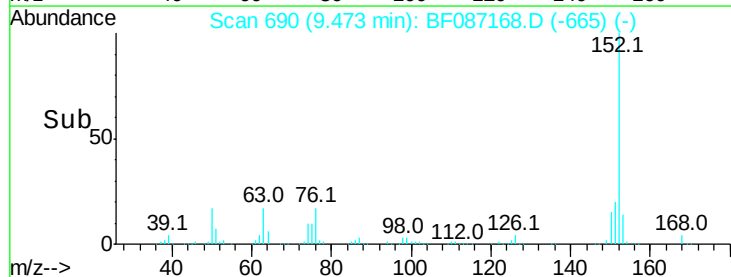
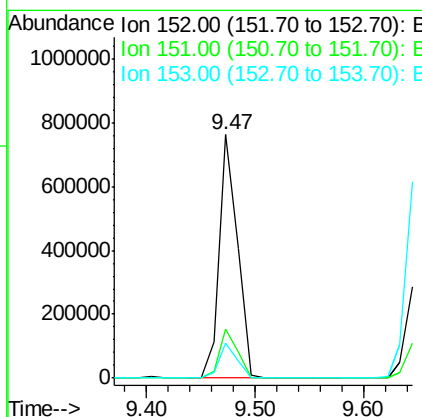
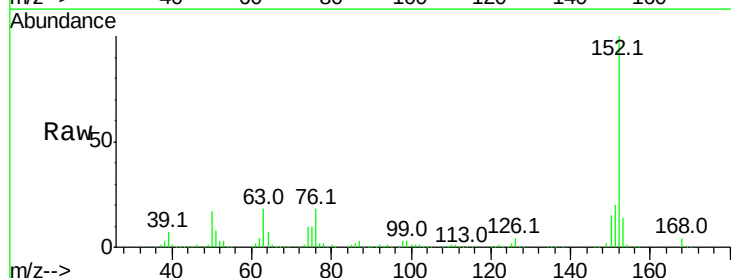
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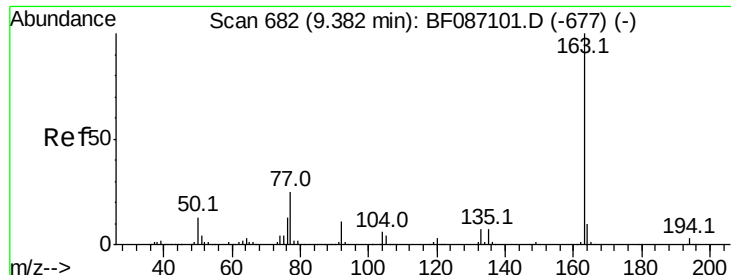
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#48
Acenaphthylene
Concen: 40.00 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	14.3	10.9	16.3





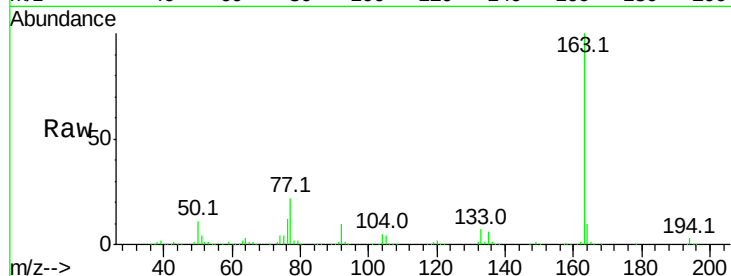
#49
Dimethylphthalate
Concen: 43.54 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Instrument :
BNA_F
ClientSampleId :
PB90659BS

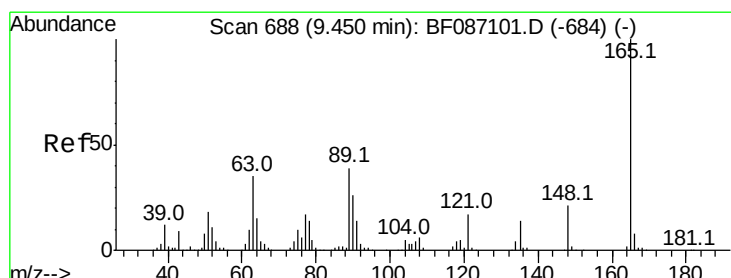
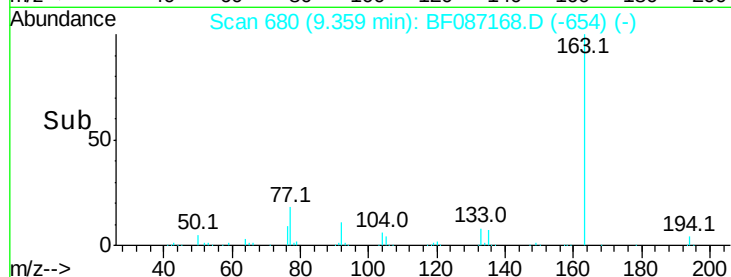
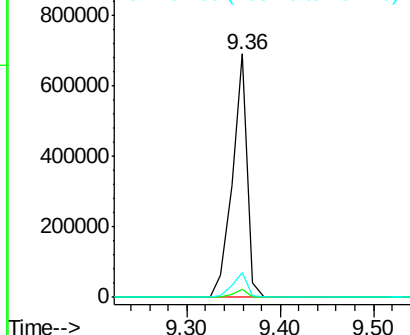
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.2	8.2	12.4

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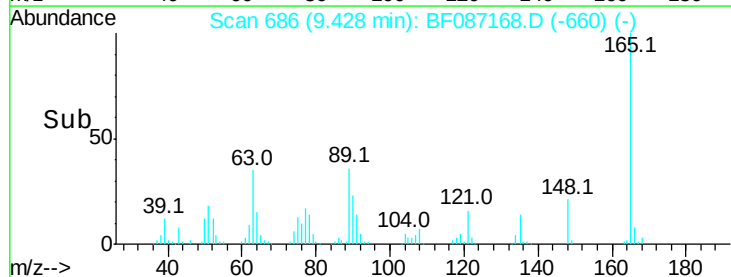
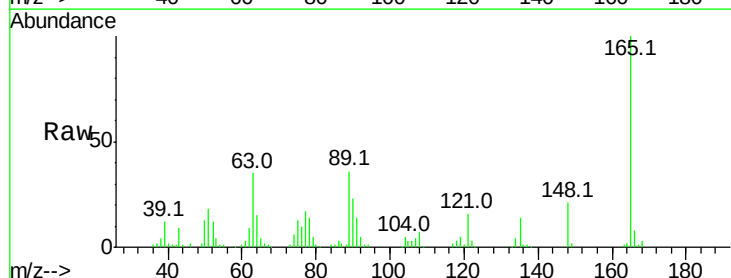
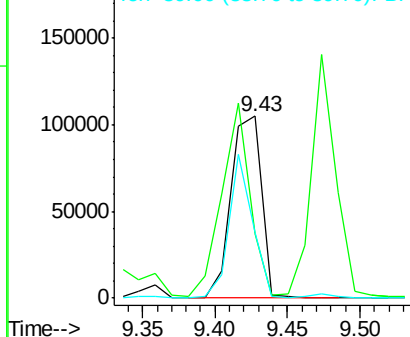
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

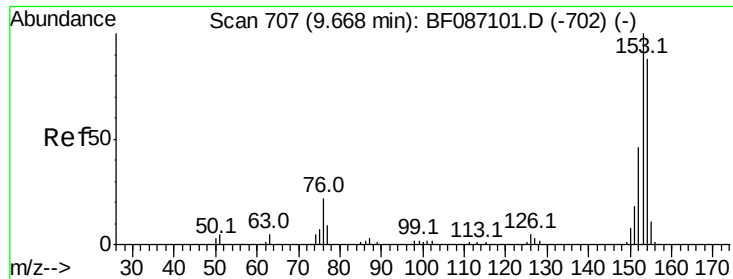


#50
2,6-Dinitrotoluene
Concen: 40.13 ng
RT: 9.43 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	35.4	51.8	77.8#
89	36.0	50.7	76.1#

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





#51

Acenaphthene

Concen: 39.28 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

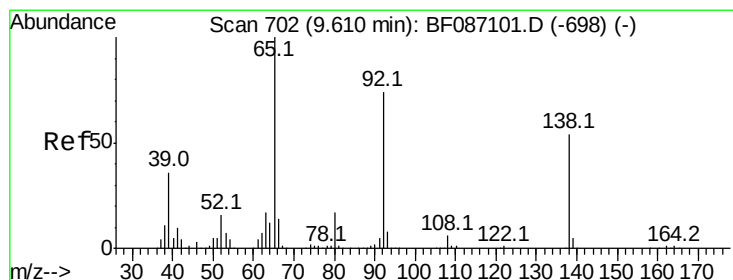
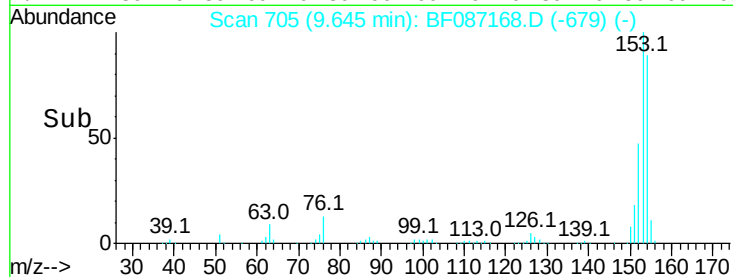
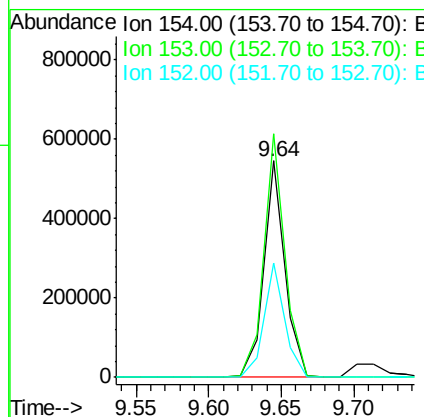
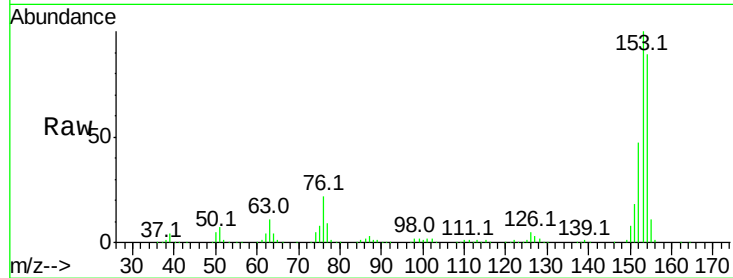
ClientSampleId :

PB90659BS

Tot Ion:	154	Resp:	548714
Ion Ratio	Lower	Upper	
154	100		
153	112.4	89.8	134.6
152	52.5	43.4	65.0

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#52

3-Nitroaniline

Concen: 21.29 ng

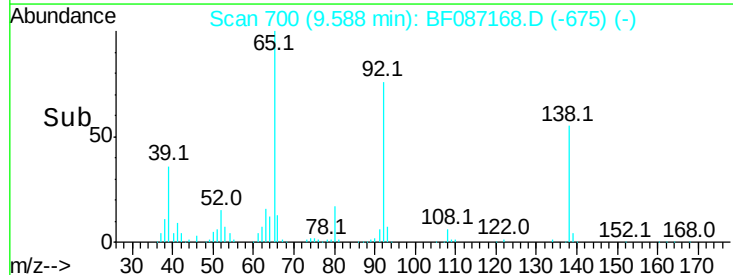
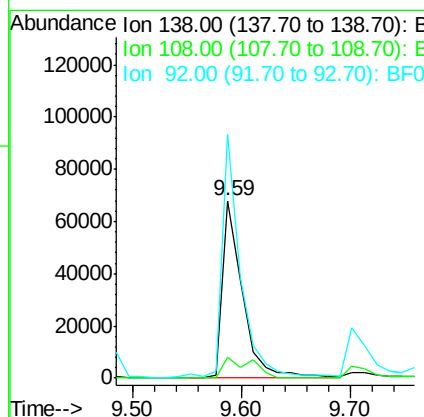
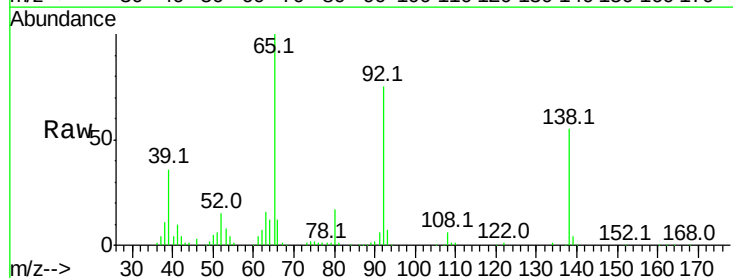
RT: 9.59 min Scan# 700

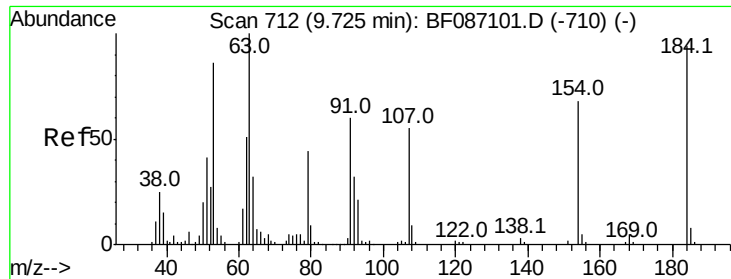
Delta R.T. -0.01 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Tgt Ion:	138	Resp:	87825
Ion Ratio	Lower	Upper	
138	100		
108	11.7	7.8	11.6#
92	137.1	87.8	131.8#





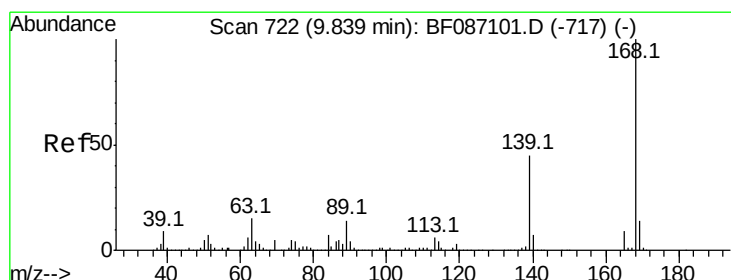
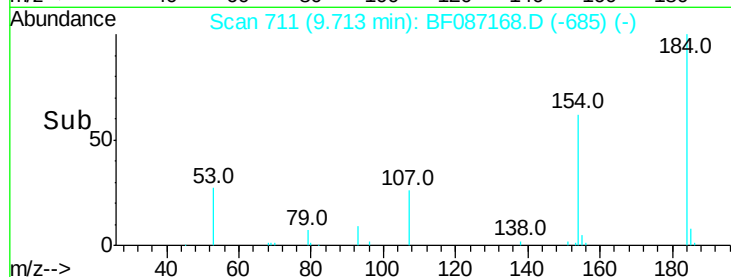
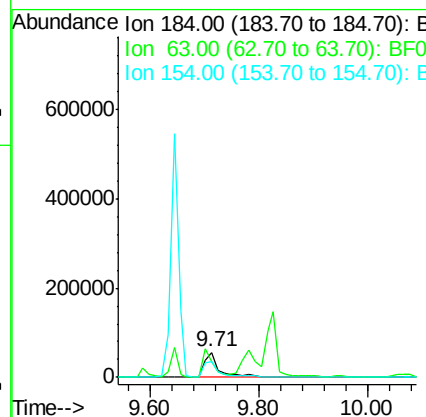
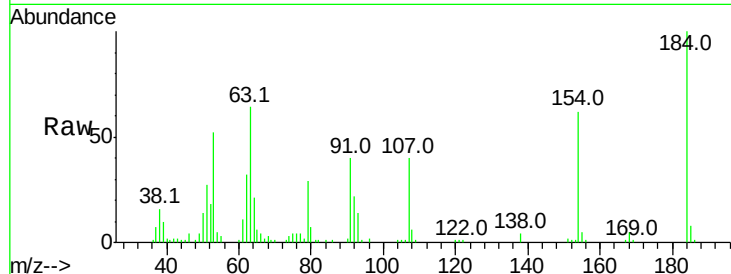
#53
 2,4-Dinitrophenol
 Concen: 52.24 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90659BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	110234		
63	63.6	55.8	83.8	
154	62.3	62.4	93.6	

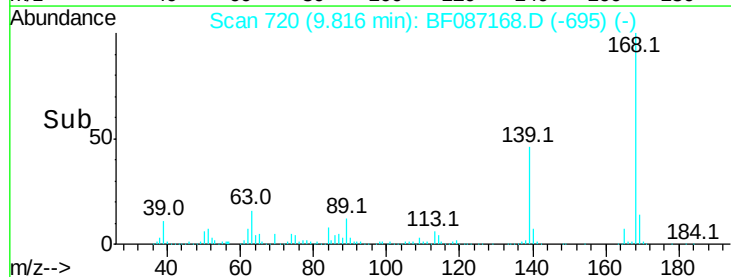
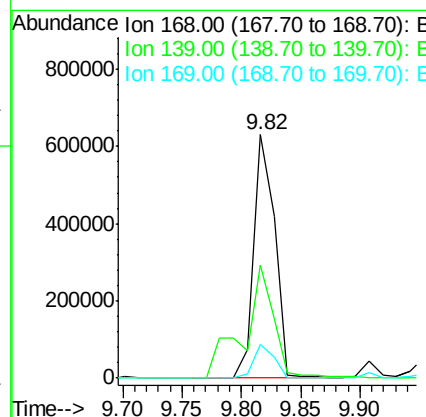
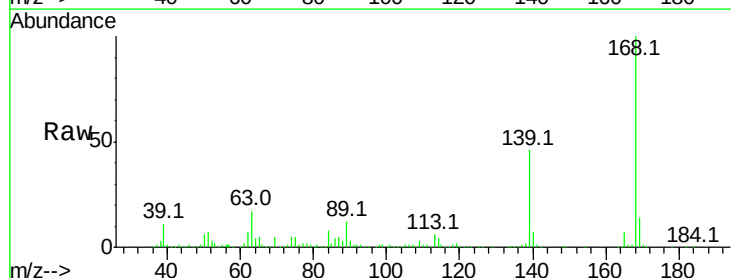
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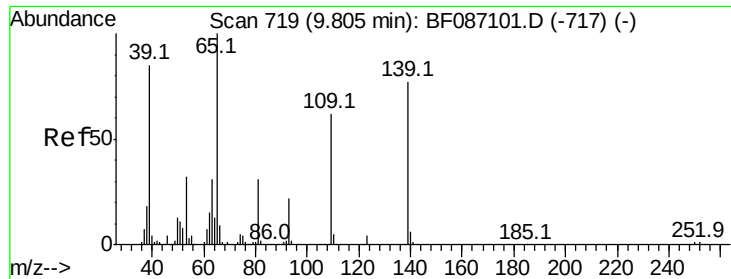
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#54
 Dibenzofuran
 Concen: 43.29 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	781894		
139	46.5	31.4	47.0	
169	14.0	10.7	16.1	





#55

4-Nitrophenol

Concen: 68.64 ng/mL

RT: 9.78 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleID :

PB90659BS

Tot Ion:139 Resp: 188646

Ion Ratio Lower Upper

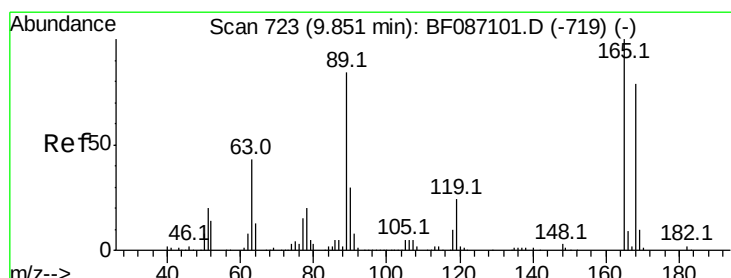
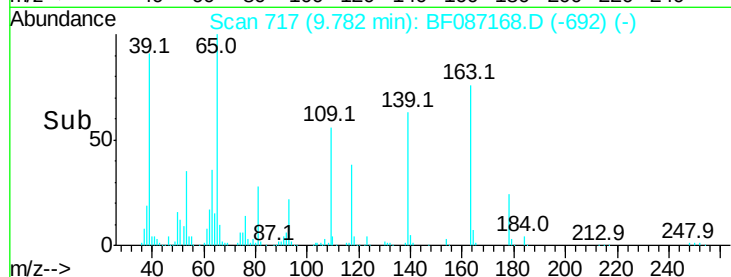
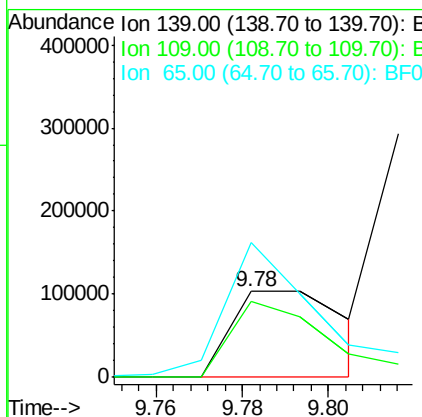
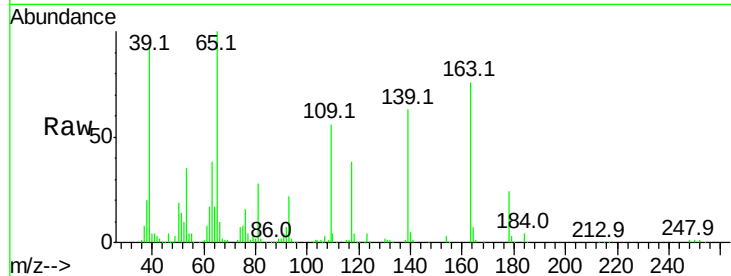
139 100

109 88.5 36.9 76.9#

65 157.9 64.0 104.0#

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#56

2,4-Dinitrotoluene

Concen: 42.52 ng/mL

RT: 9.83 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Tgt Ion:165 Resp: 207507

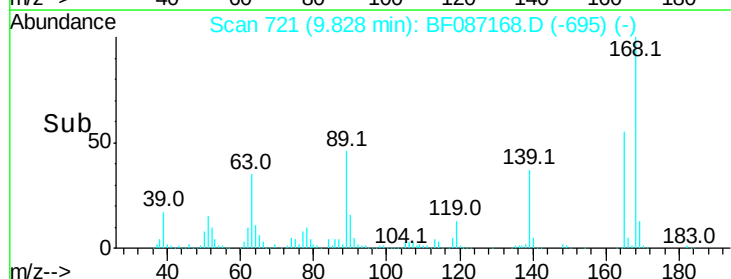
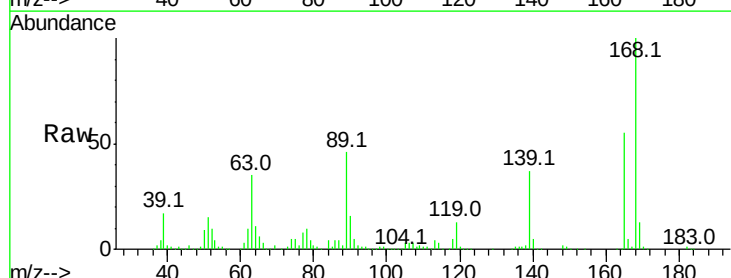
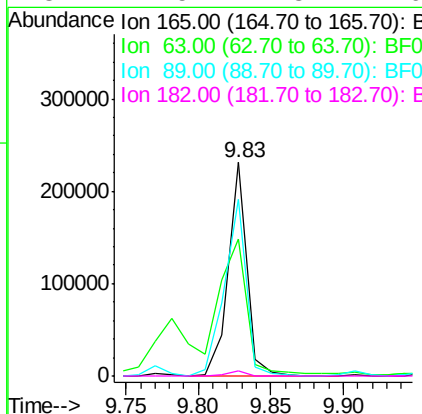
Ion Ratio Lower Upper

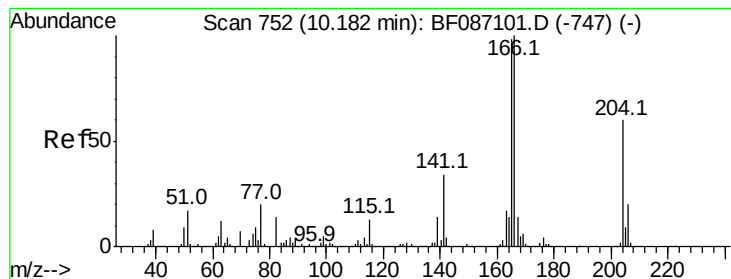
165 100

63 64.2 44.3 66.5

89 82.7 70.0 105.0

182 2.5 1.8 2.6





#57

Fluorene

Concen: 41.06 ng

RT: 10.16 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

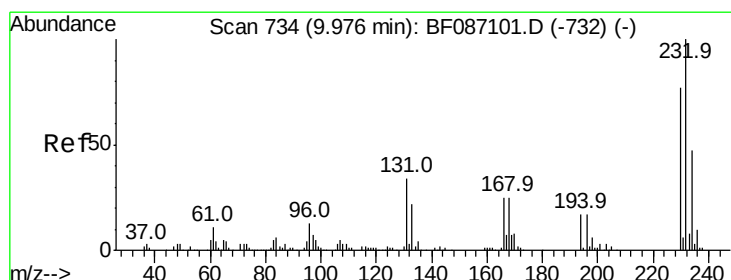
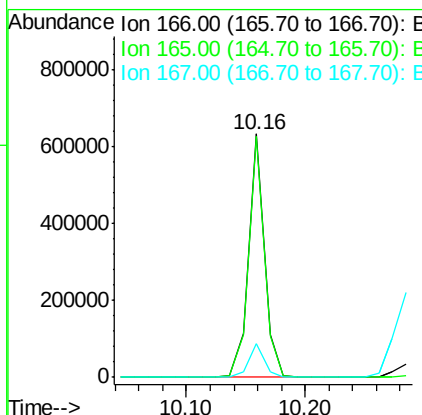
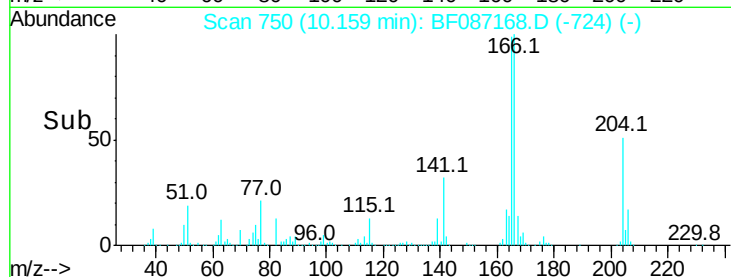
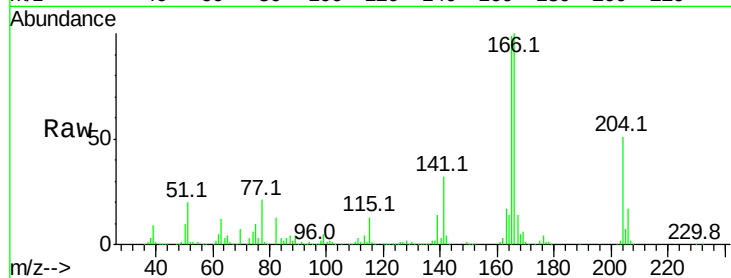
ClientSampleId :

PB90659BS

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Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.2	79.0	118.6	
167	13.7	10.6	15.8	



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.00 ng

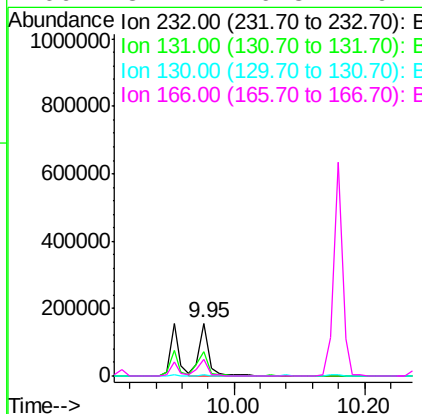
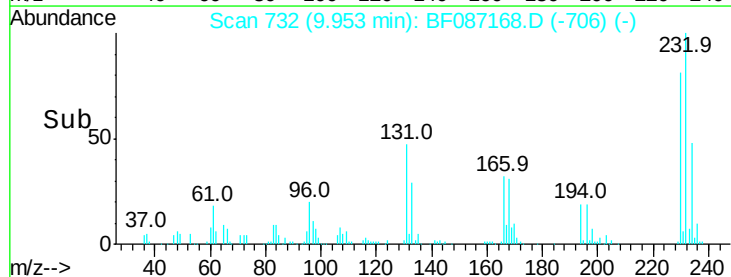
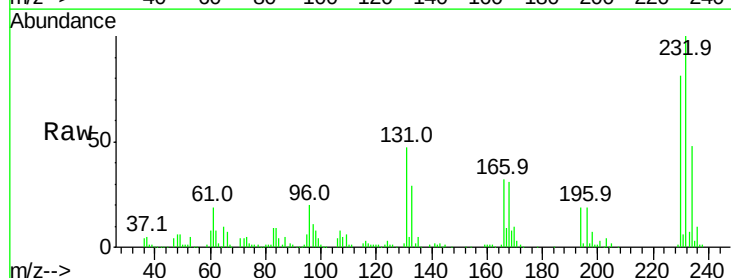
RT: 9.95 min Scan# 732

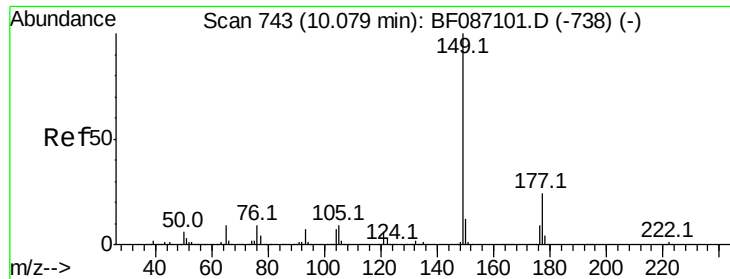
Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	50.6	41.9	62.9	
130	2.5	2.2	3.4	
166	31.2	26.8	40.2	





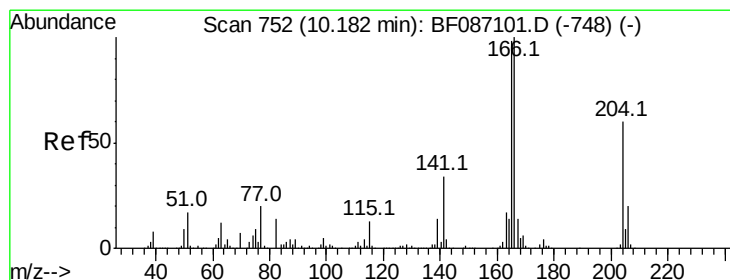
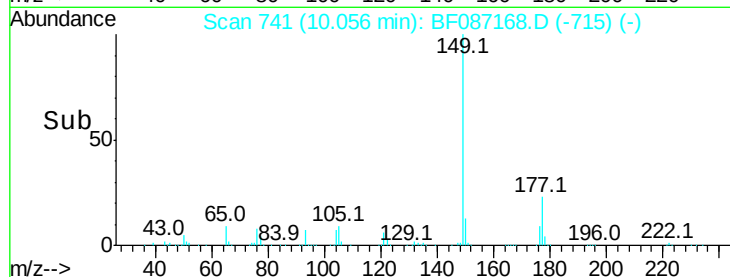
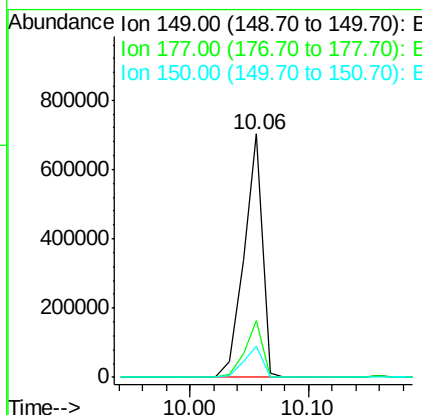
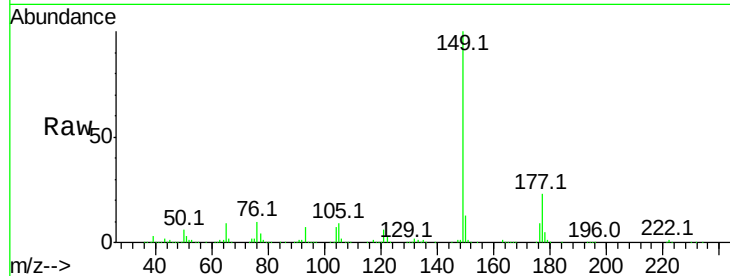
#59
Diethylphthalate
Concen: 45.19 ng
RT: 10.06 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Instrument :
BNA_F
ClientSampleId :
PB90659BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	757011		
177	23.4	16.6	24.8	
150	12.7	10.0	15.0	

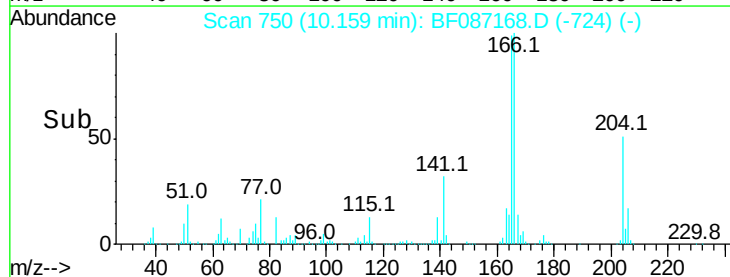
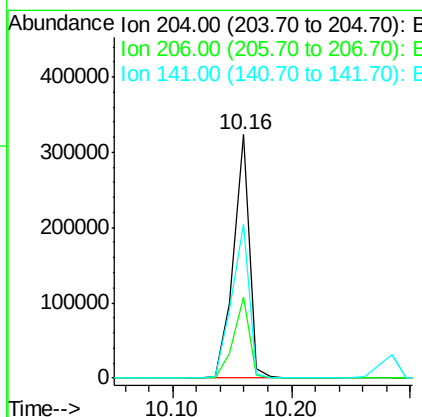
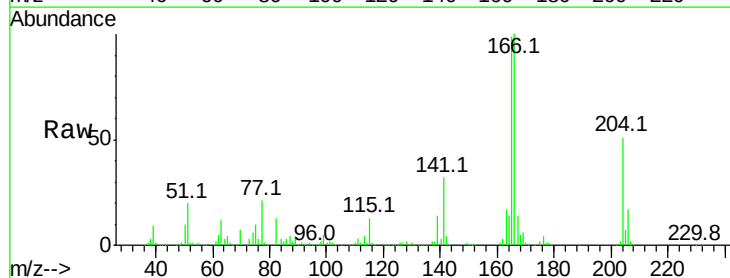
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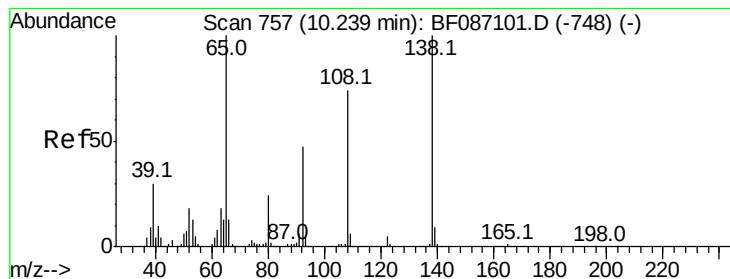
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 43.80 ng
RT: 10.16 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	301317		
206	33.3	25.4	38.0	
141	63.1	61.6	92.4	





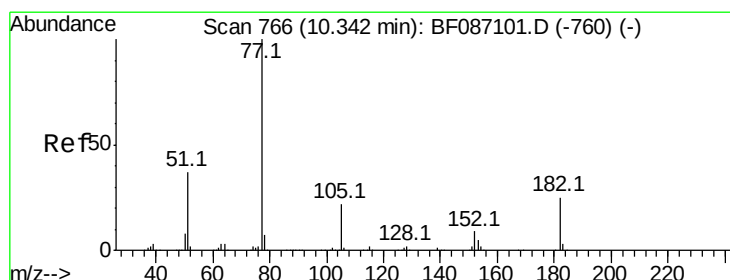
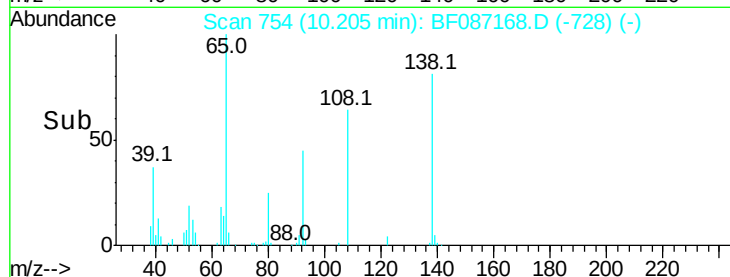
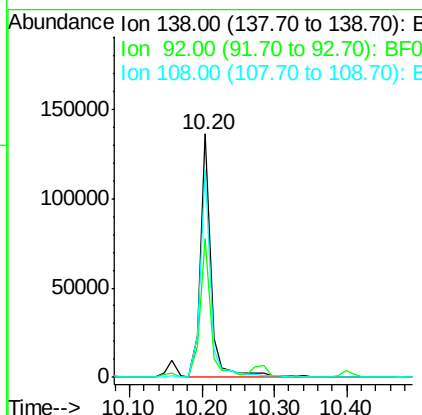
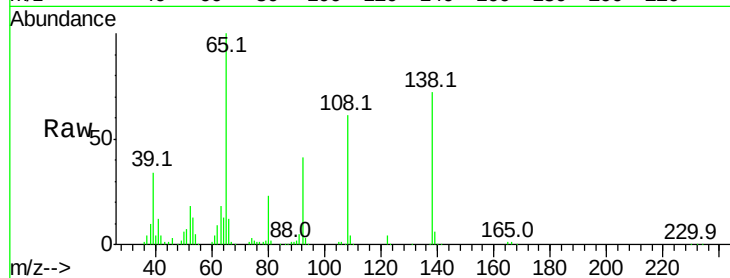
#61
4-Nitroaniline
Concen: 34.44 ng
RT: 10.20 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Instrument :
BNA_F
ClientSampleId :
PB90659BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.8	24.7	64.7
108	85.3	37.4	77.4

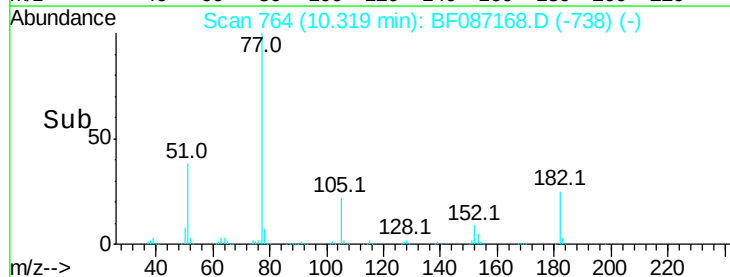
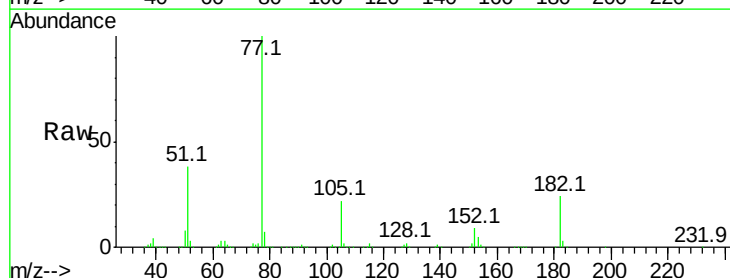
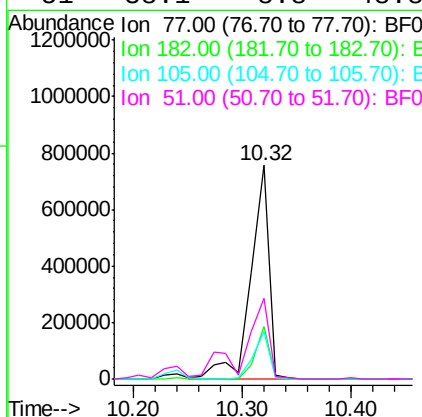
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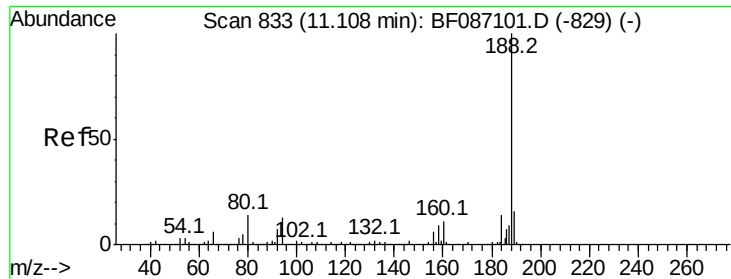
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#62
Azobenzene
Concen: 45.59 ng
RT: 10.32 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.5	0.0	38.8
105	22.0	3.2	43.2
51	38.1	8.8	48.8





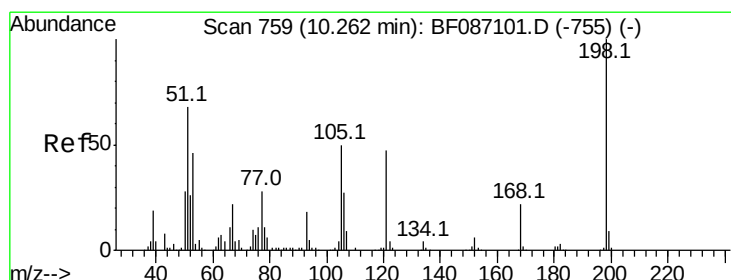
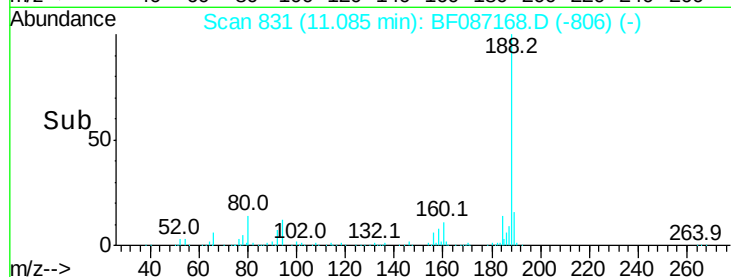
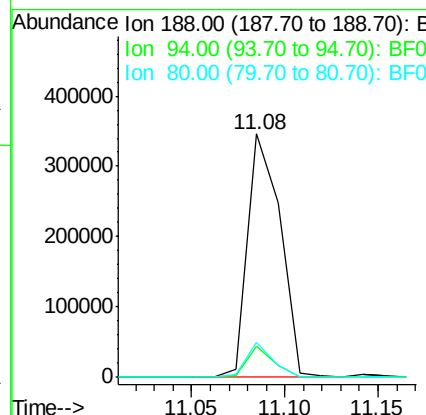
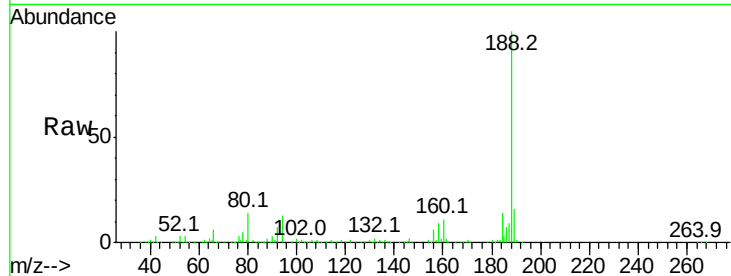
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Instrument :
BNA_F
ClientSampleId :
PB90659BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.6	6.8	10.2#
80	14.3	7.1	10.7#

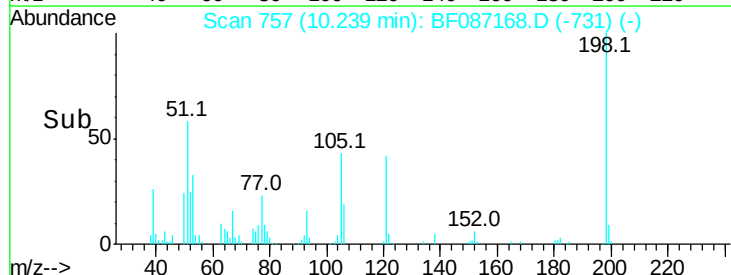
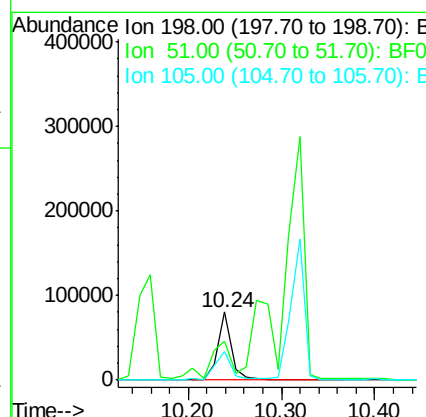
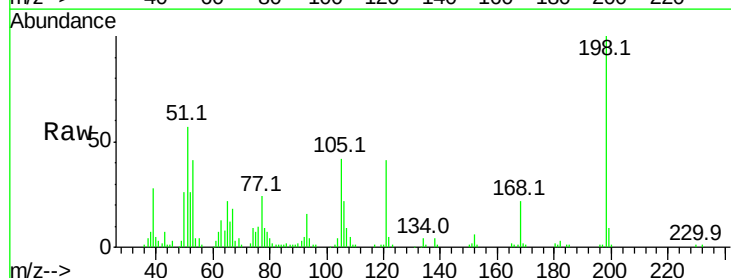
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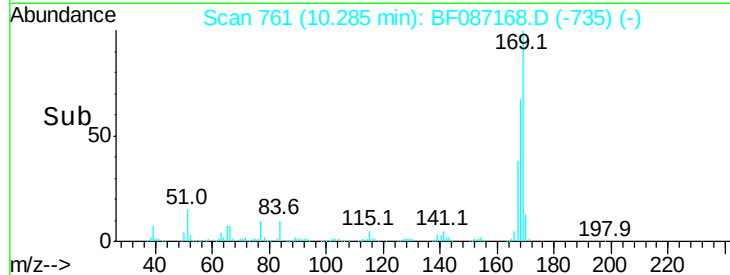
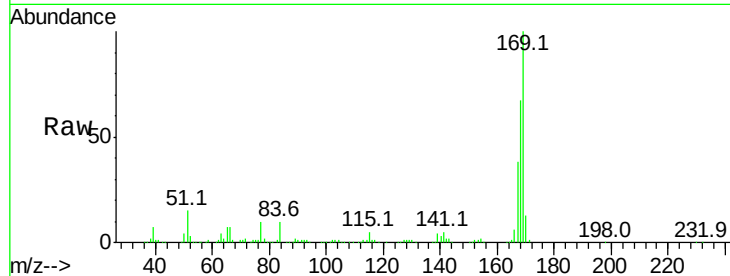
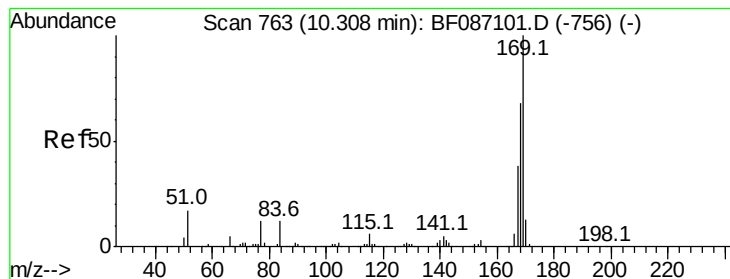
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#64
4,6-Dinitro-2-methylphenol
Concen: 29.70 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	57.0	20.5	60.5
105	41.8	24.5	64.5





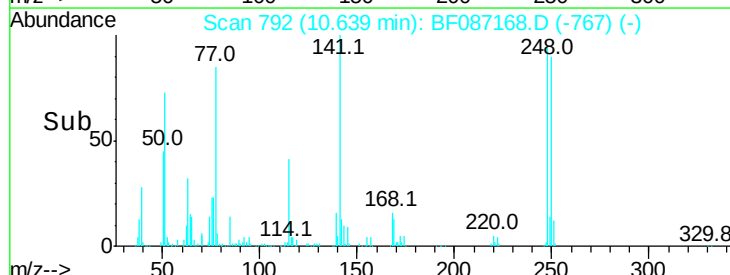
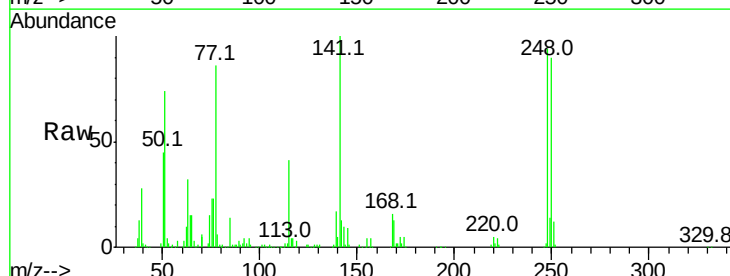
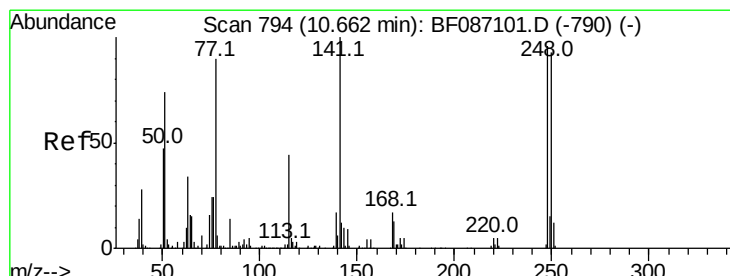
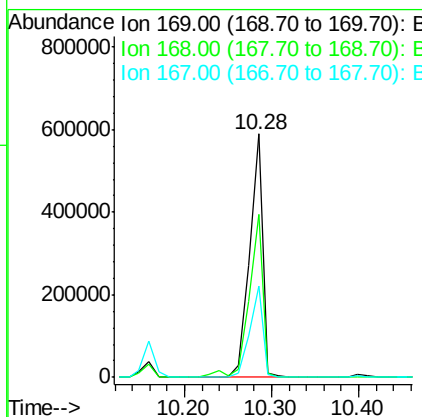
#65
n-Nitrosodiphenylamine
Concen: 46.96 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.9	53.8	80.6	
167	37.6	29.5	44.3	

Instrument :
BNA_F
ClientSampleId :
PB90659BS

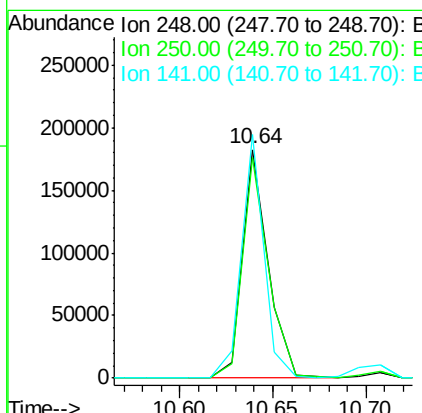
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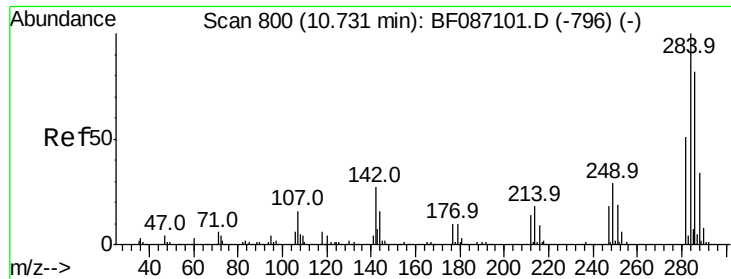
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#66
4-Bromophenyl-phenylether
Concen: 40.18 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.5	78.6	117.8	
141	106.7	76.0	114.0	





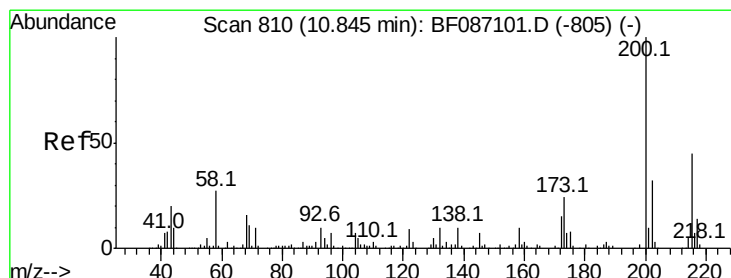
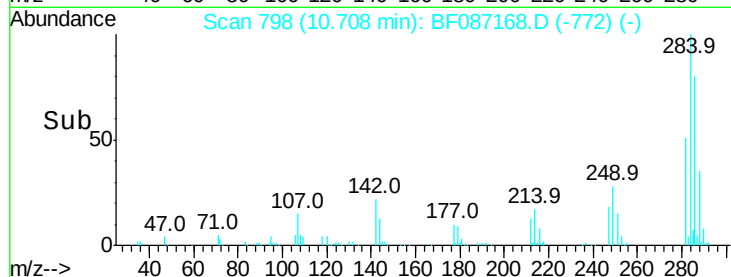
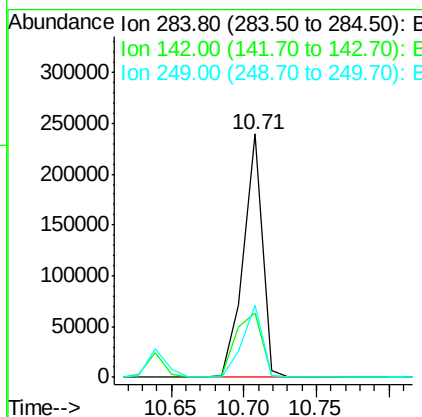
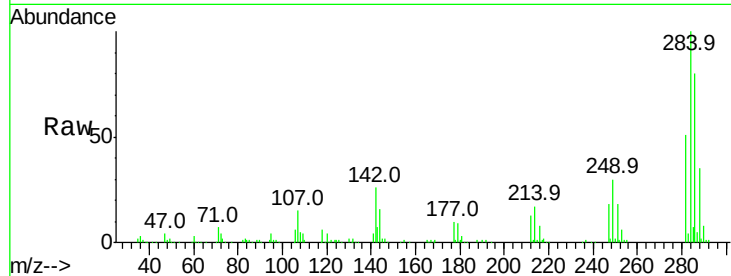
#67
Hexachlorobenzene
Concen: 43.69 ng
RT: 10.71 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Instrument :
BNA_F
ClientSampleId :
PB90659BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	220294		
142	26.4	16.7	25.1#	
249	29.7	21.3	31.9	

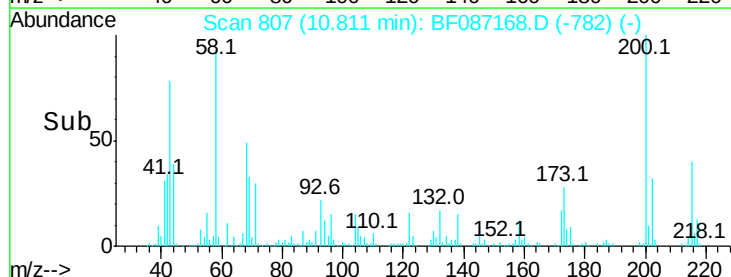
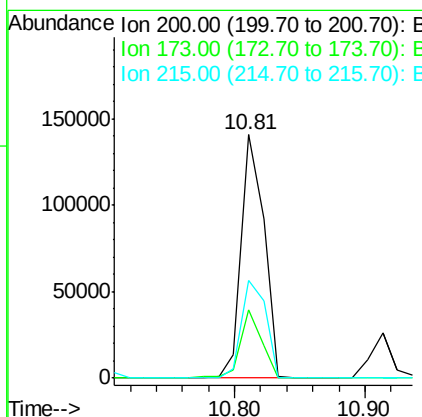
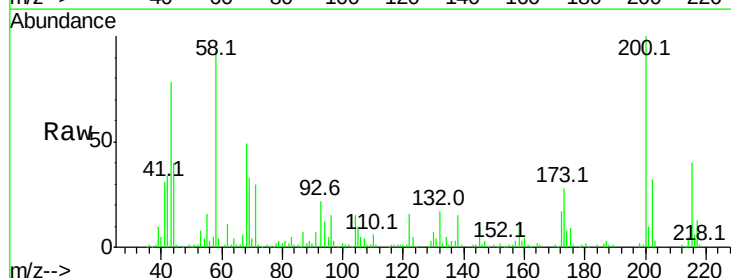
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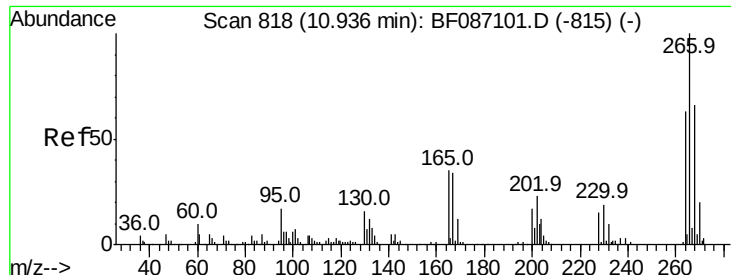
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#68
Atrazine
Concen: 39.38 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	170960		
173	28.1	8.5	48.5	
215	40.1	27.2	67.2	





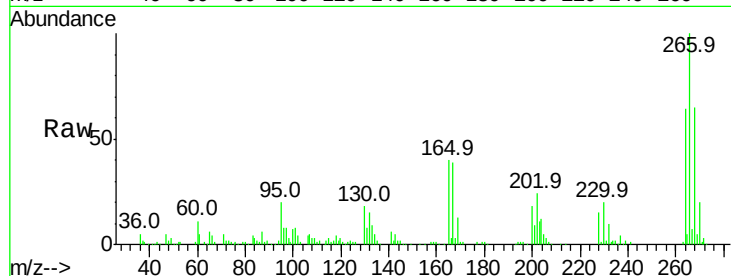
#69
 Pentachlorophenol
 Concen: 89.87 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90659BS

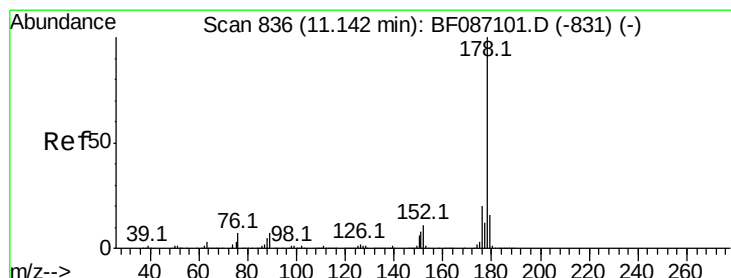
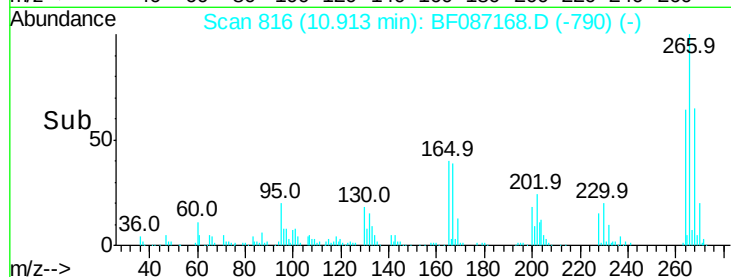
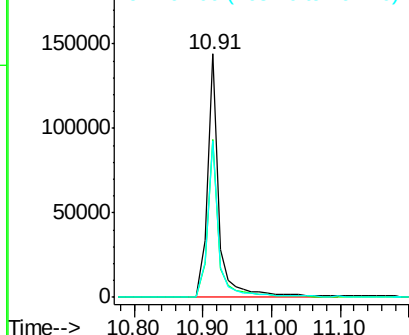
Tot Ion	Ratio	Resp	Lower	Upper
266	100	170210		
268	64.9	51.5	77.3	
264	64.1	52.9	79.3	

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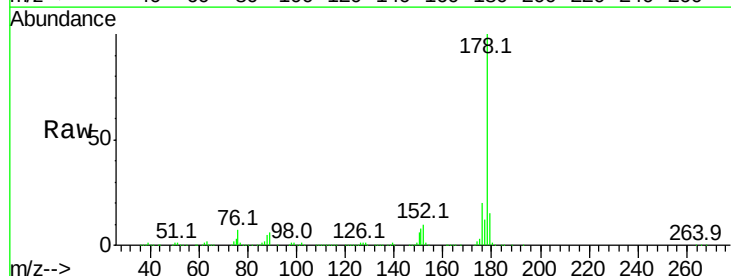


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

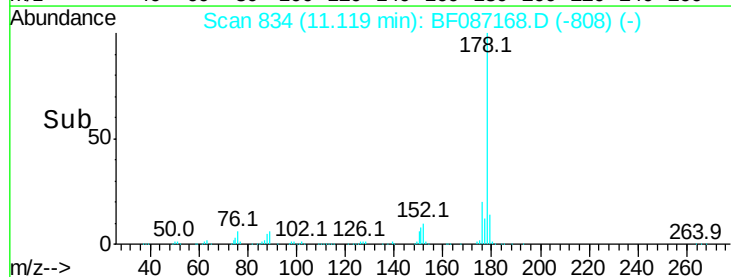
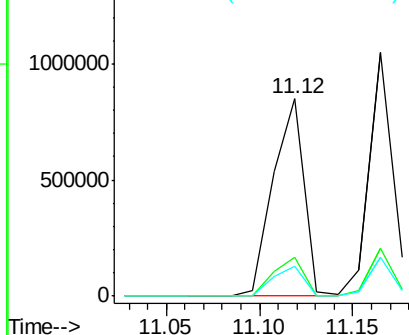


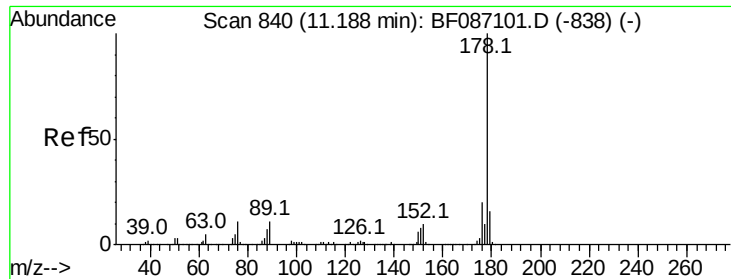
#70
 Phenanthrene
 Concen: 42.72 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	979711		
176	19.9	16.0	24.0	
179	15.2	12.6	18.8	



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





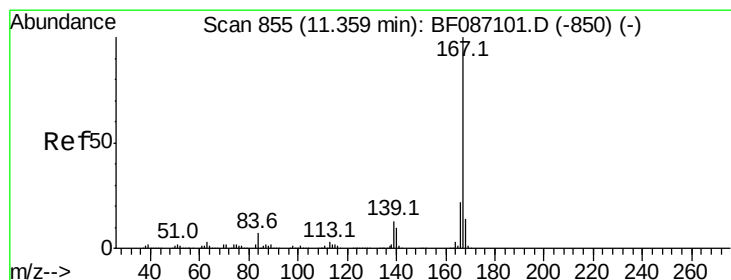
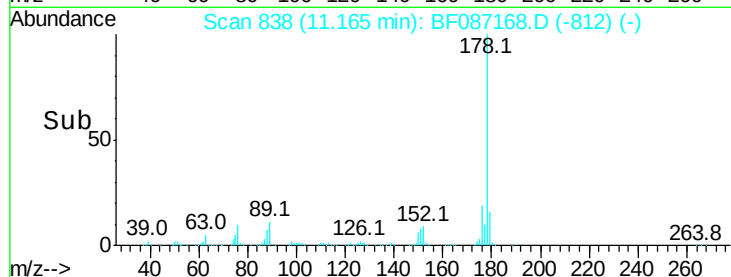
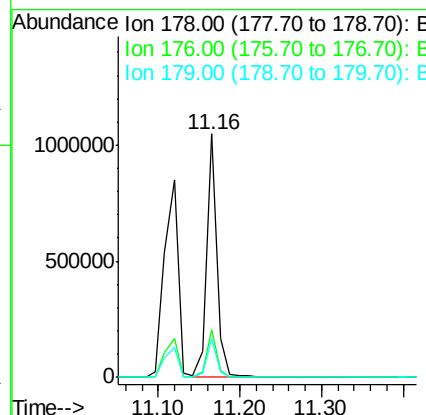
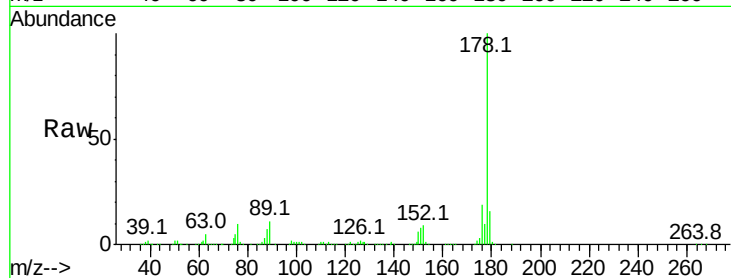
#71
 Anthracene
 Concen: 40.16 ng
 RT: 11.16 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90659BS

Tot Ion	Ratio	Resp	Lower	Upper
178	100	931591		
176	19.4	15.6	23.4	
179	15.9	12.7	19.1	

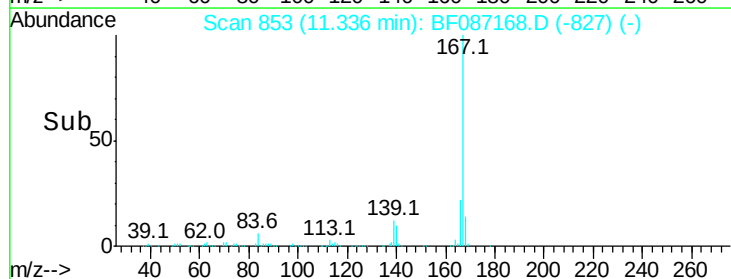
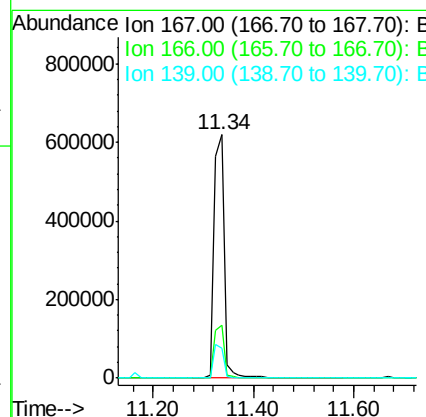
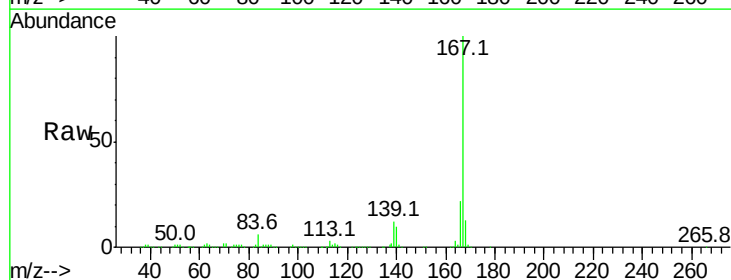
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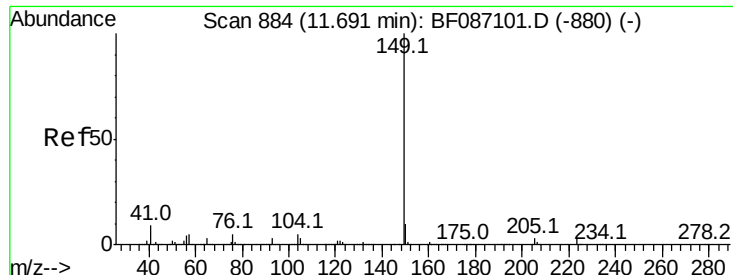
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#72
 Carbazole
 Concen: 41.33 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	875907		
166	21.6	17.7	26.5	
139	12.2	10.8	16.2	





#73

Di-n-butylphthalate

Concen: 46.45 ng

RT: 11.67 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

Tot Ion:149 Resp: 1130539

Ion Ratio Lower Upper

149 100

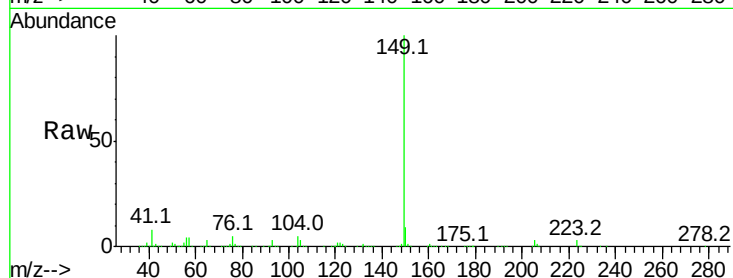
150 9.3 7.6 11.4

104 5.1 3.8 5.6

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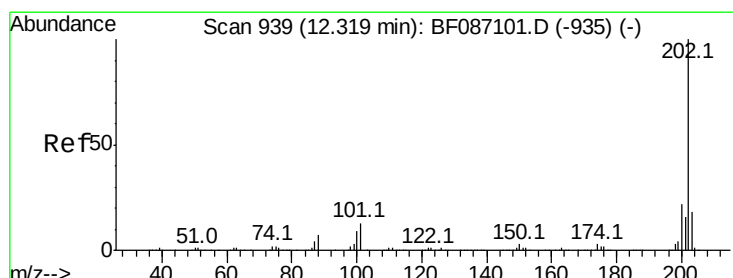
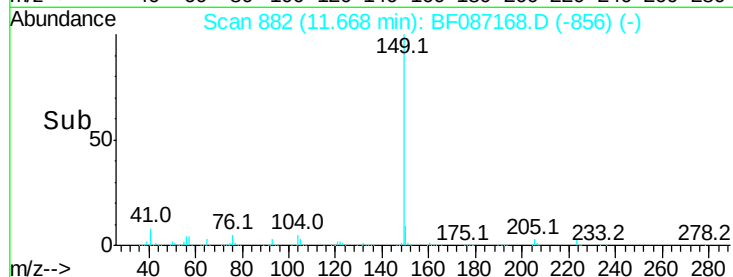
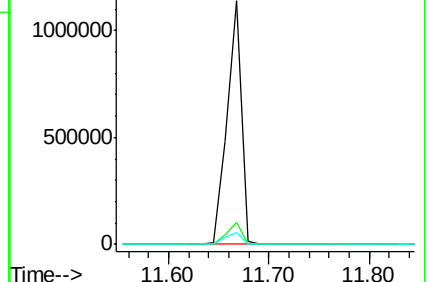
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.44 ng

RT: 12.30 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

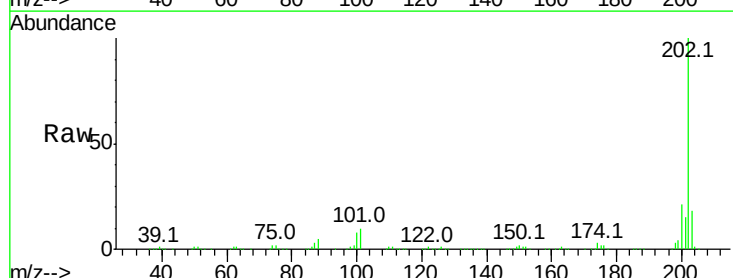
Tgt Ion:202 Resp: 929281

Ion Ratio Lower Upper

202 100

101 10.3 0.0 35.4

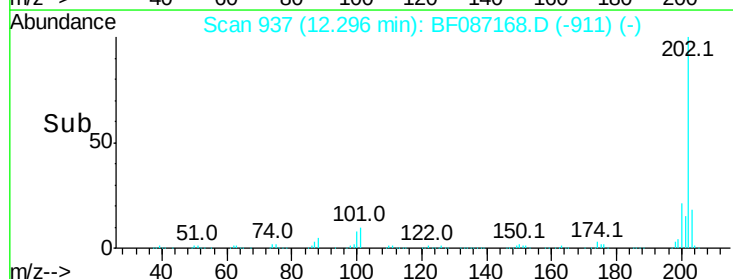
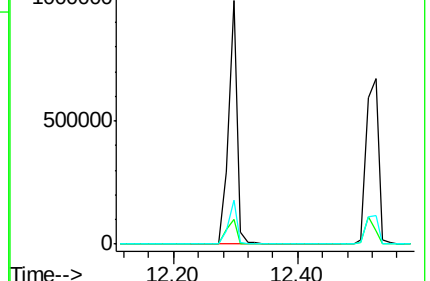
203 17.8 0.0 38.1

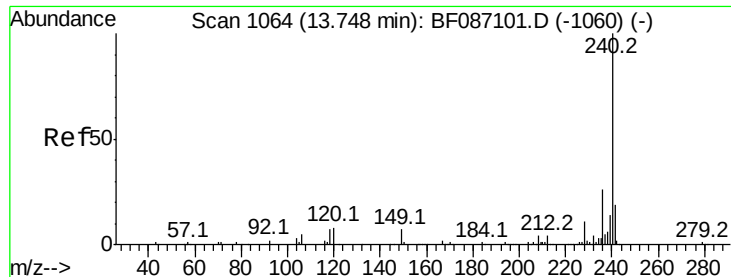


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

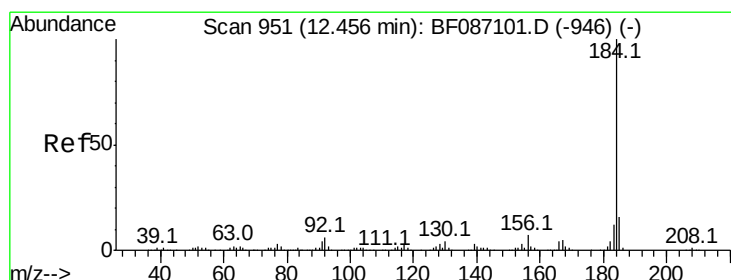
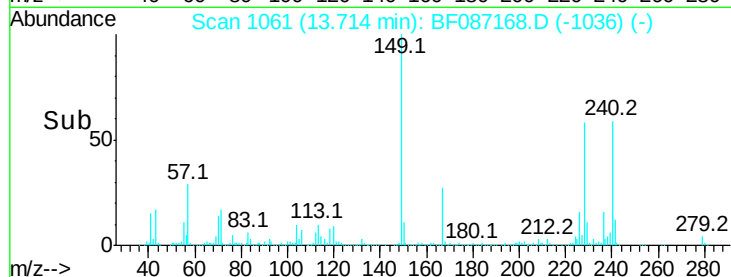
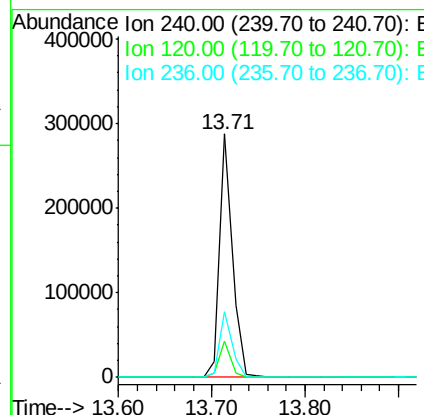
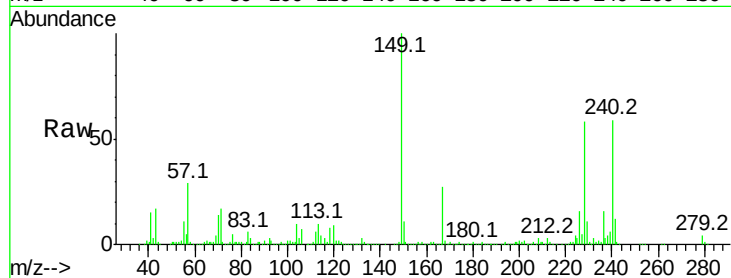
ClientSampleId :

PB90659BS

Tot Ion:	240	Resp:	275977
Ion Ratio	Lower	Upper	
240	100		
120	14.7	11.2	16.8
236	27.2	21.2	31.8

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#76

Benzidine

Concen: 34.73 ng

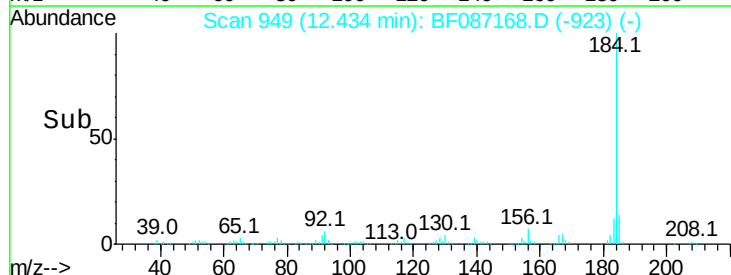
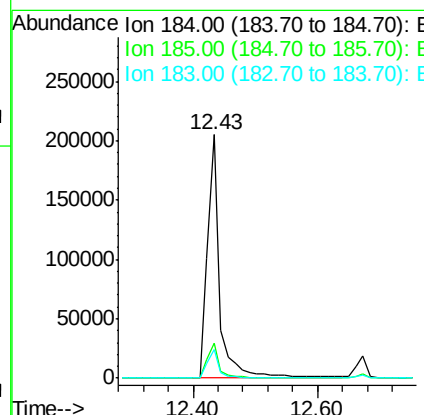
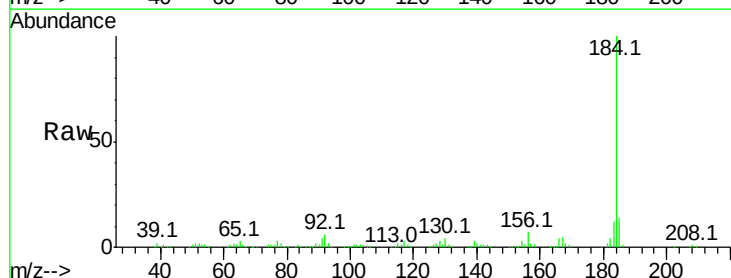
RT: 12.43 min Scan# 949

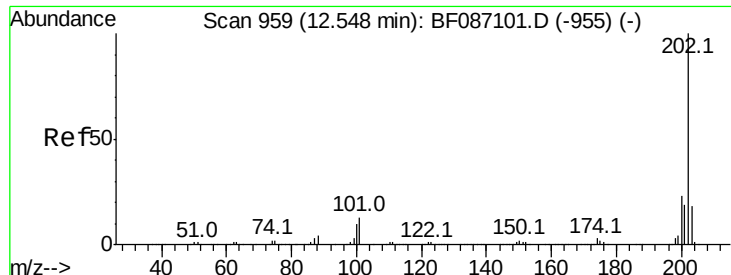
Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Tgt Ion:	184	Resp:	282008
Ion Ratio	Lower	Upper	
184	100		
185	14.2	13.6	20.4
183	11.6	9.8	14.6





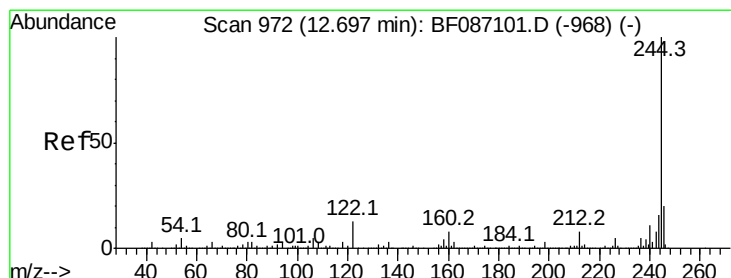
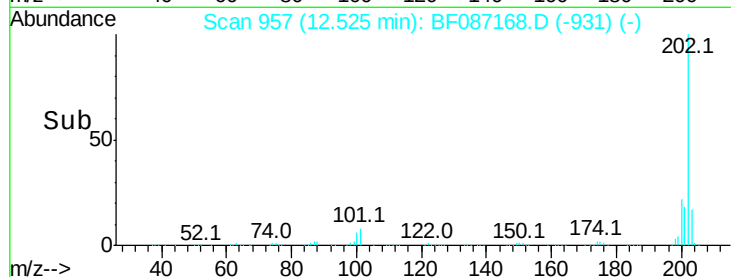
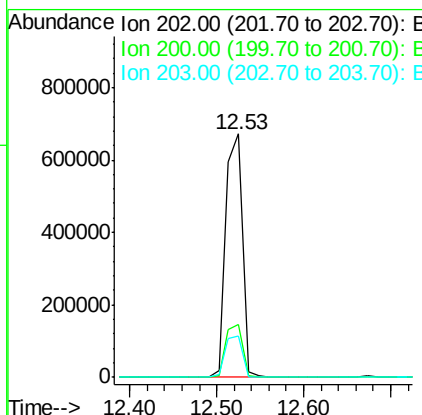
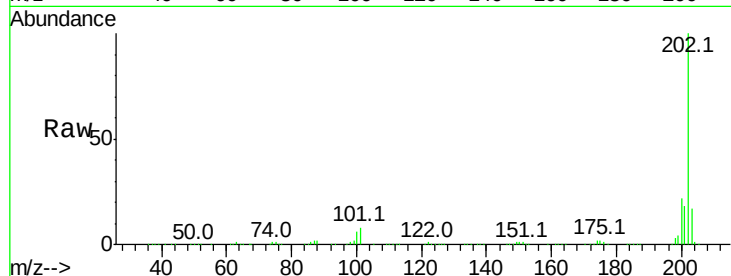
#77
Pvrene
Concen: 45.23 ng
RT: 12.53 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Instrument :
BNA_F
ClientSampleId :
PB90659BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.7	17.7	26.5
203	17.1	14.2	21.4

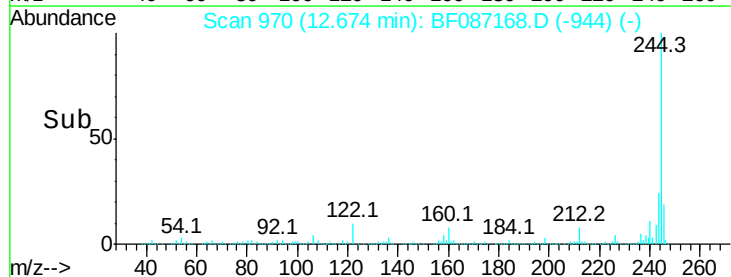
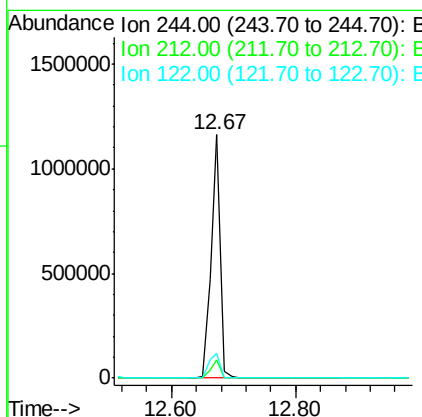
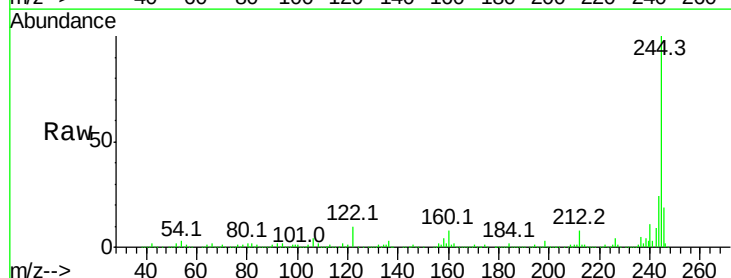
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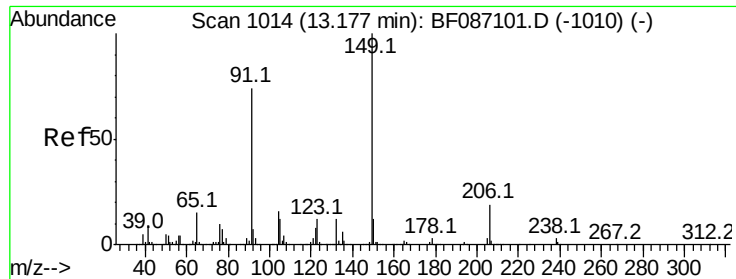
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#78
Terphenyl-d14
Concen: 95.61 ng
RT: 12.67 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	6.2	9.2
122	10.4	12.0	18.0#





#79

Butylbenzylphthalate

Concen: 50.48 ng

RT: 13.15 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

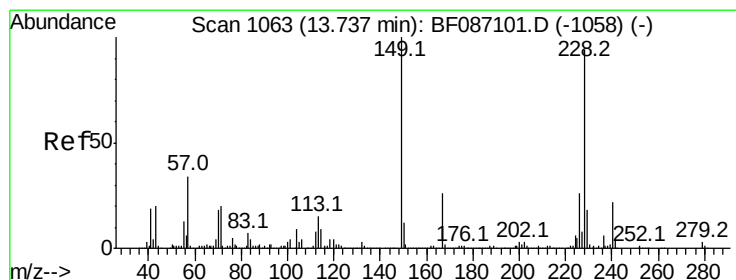
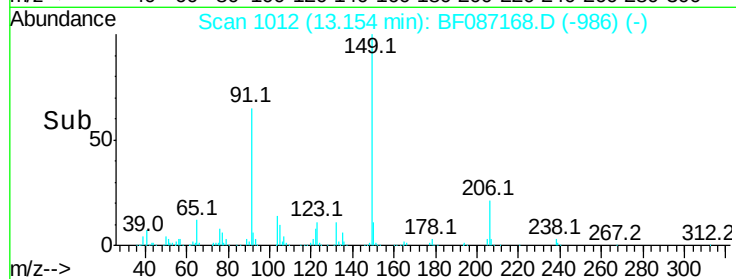
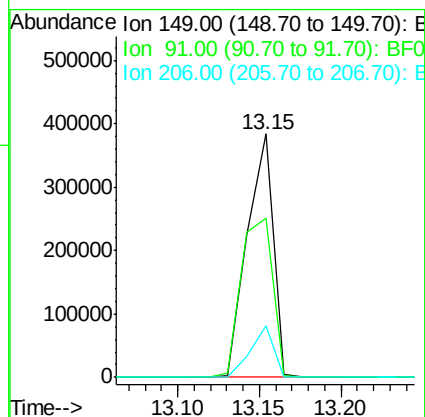
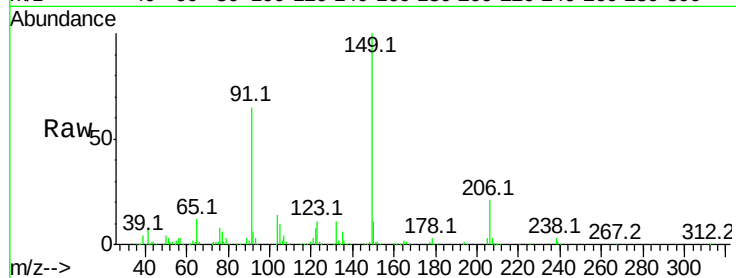
ClientSampleId :

PB90659BS

Tot Ion:	149	Resp:	424889
Ion Ratio	Lower	Upper	
149	100		
91	65.4	48.0	72.0
206	21.4	15.8	23.6

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#80

Benzo(a)anthracene

Concen: 42.38 ng

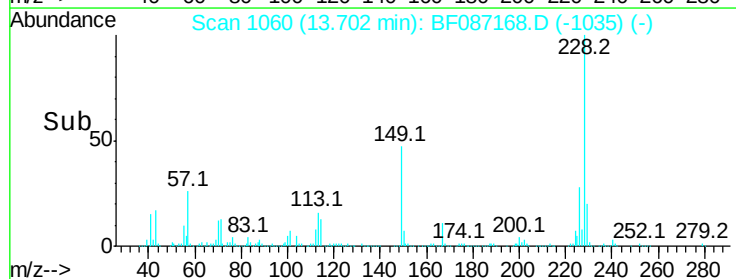
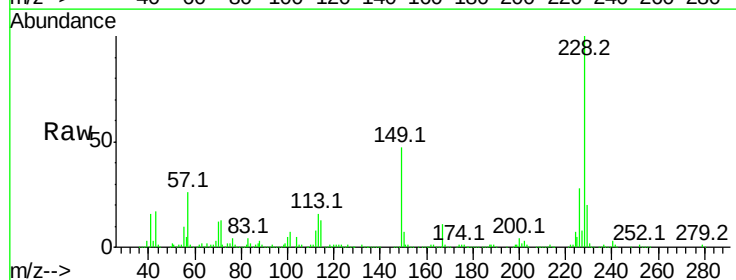
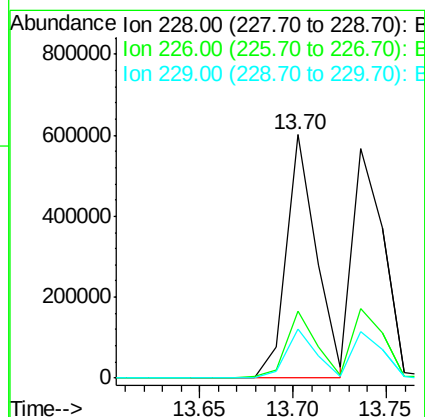
RT: 13.70 min Scan# 1060

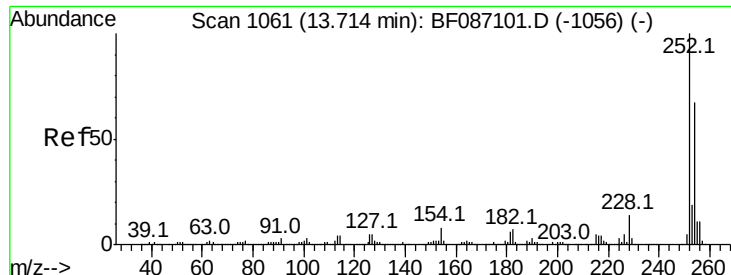
Delta R.T. -0.01 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Tgt Ion:	228	Resp:	676254
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.5	33.7
229	20.1	16.6	25.0





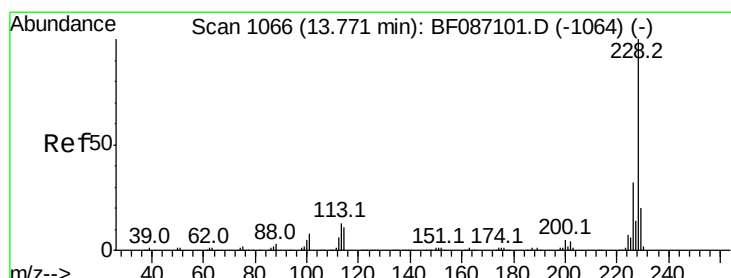
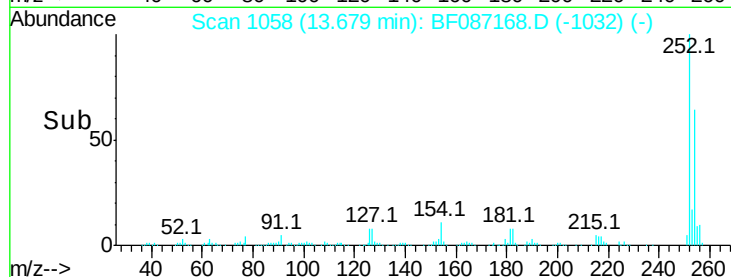
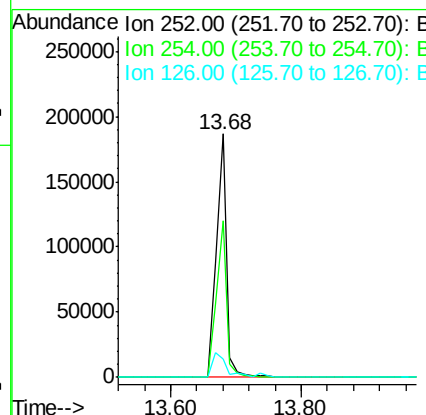
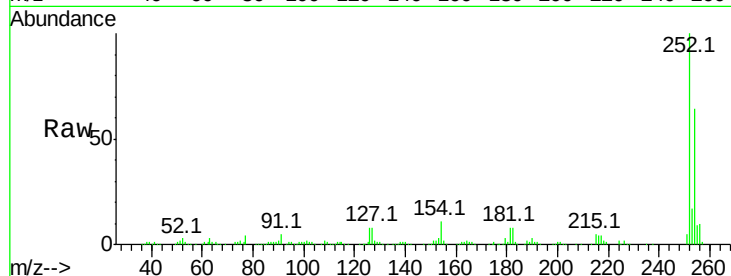
#81
 3,3'-Dichlorobenzidine
 Concen: 20.55 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90659BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.1	50.7	76.1
126	7.5	12.7	19.1

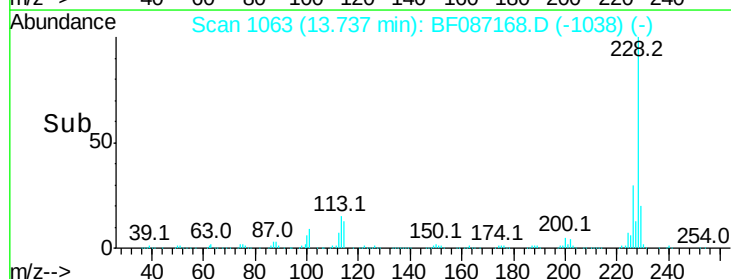
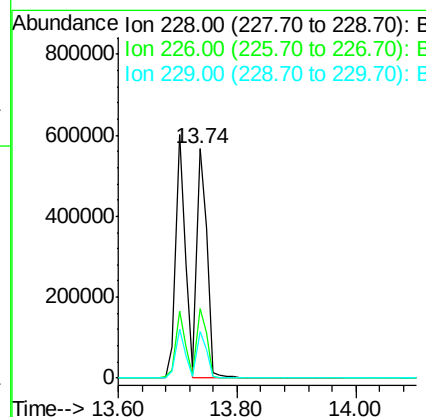
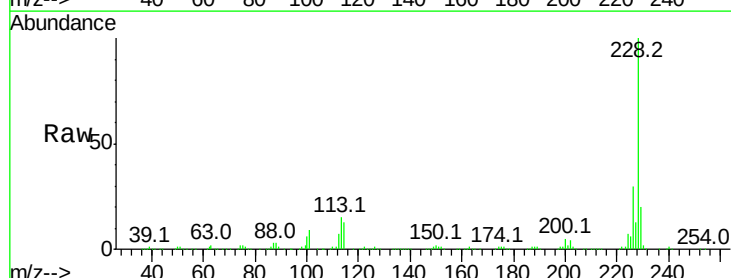
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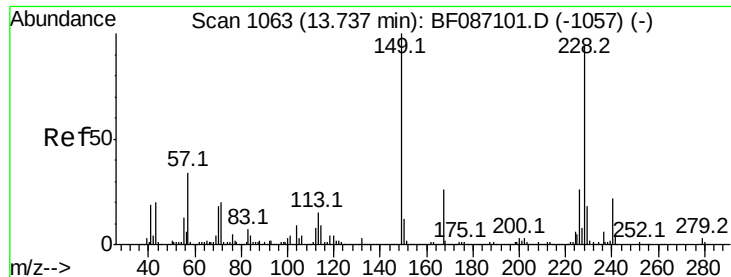
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#82
 Chrysene
 Concen: 43.42 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	24.4	36.6
229	20.2	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.66 ng

RT: 13.71 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

Tot Ion:149 Resp: 539362

Ion Ratio Lower Upper

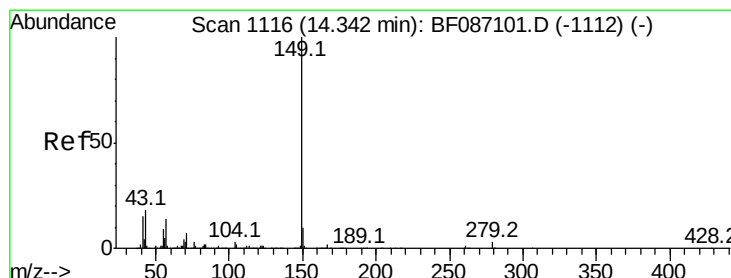
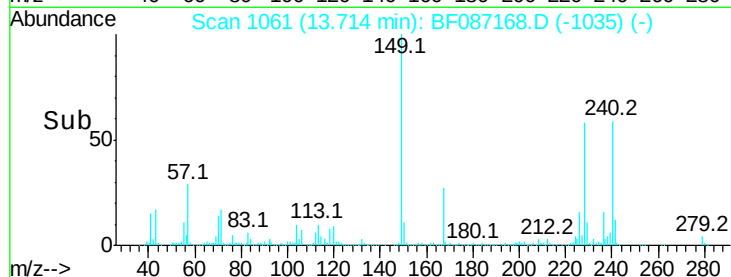
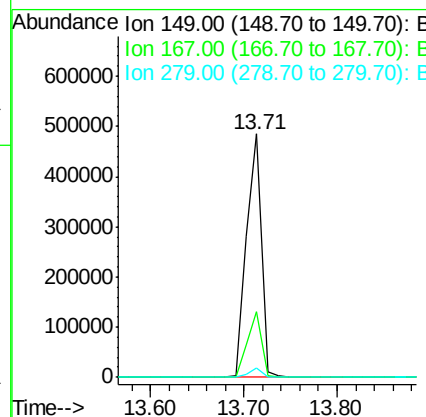
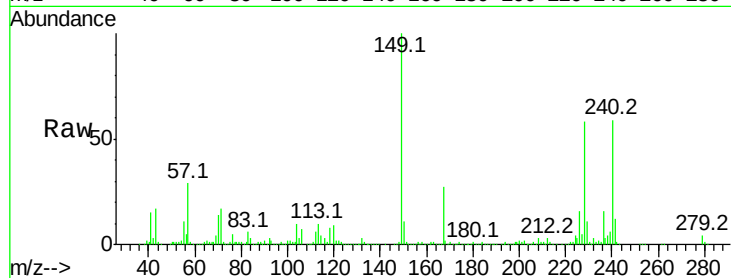
149 100

167 27.0 21.8 32.6

279 4.1 2.6 4.0#

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#84

Di-n-octyl phthalate

Concen: 52.58 ng

RT: 14.32 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

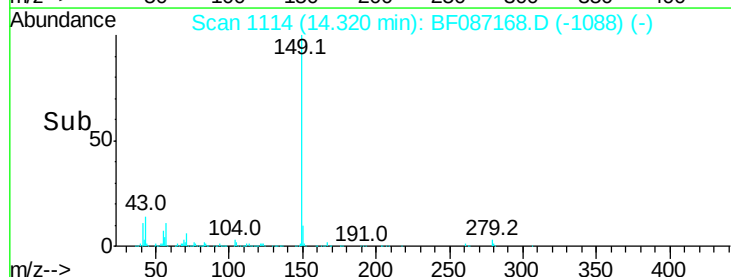
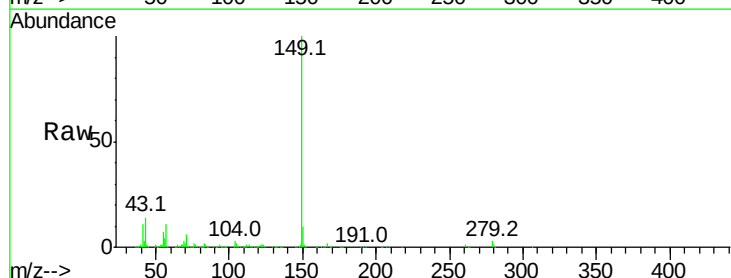
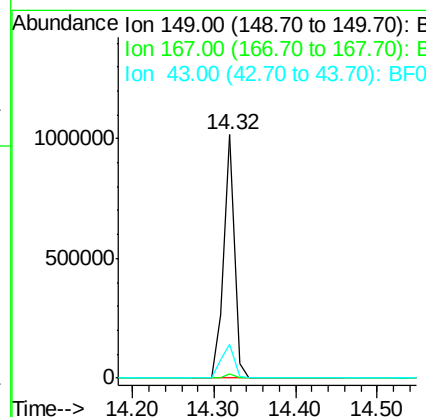
Tgt Ion:149 Resp: 927767

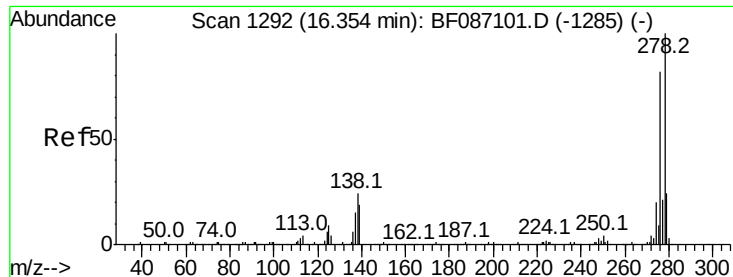
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 16.3 8.2 12.4#





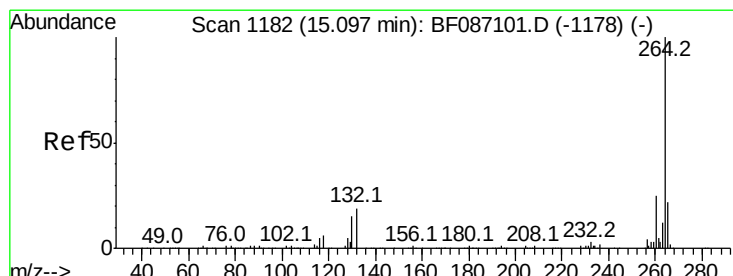
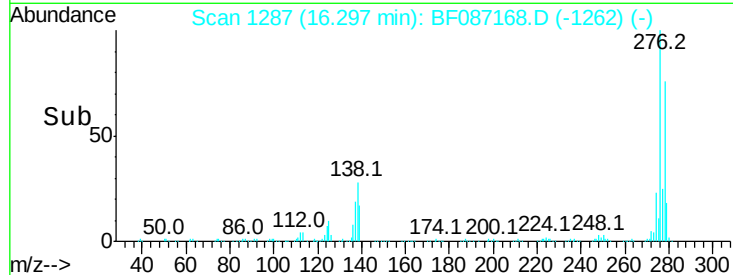
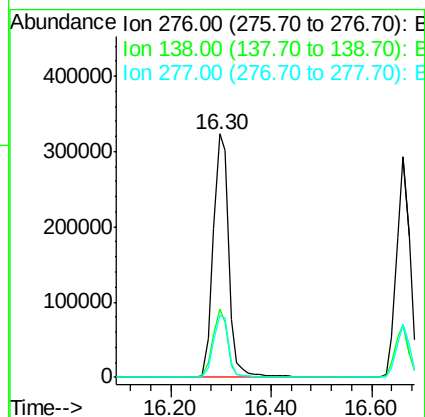
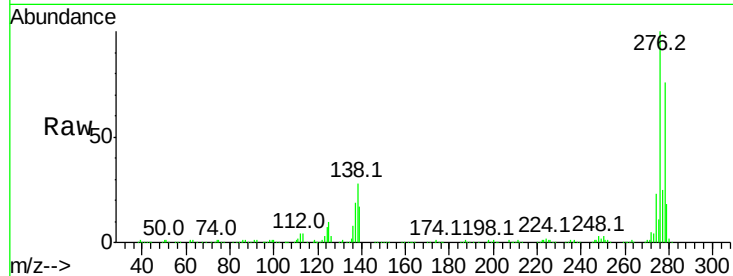
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.37 ng
RT: 16.30 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Instrument :
BNA_F
ClientSampleId :
PB90659BS

Tot Ion:	276	Resp:	696176
Ion Ratio	Lower	Upper	
276	100		
138	26.8	25.6	38.4
277	25.2	20.5	30.7

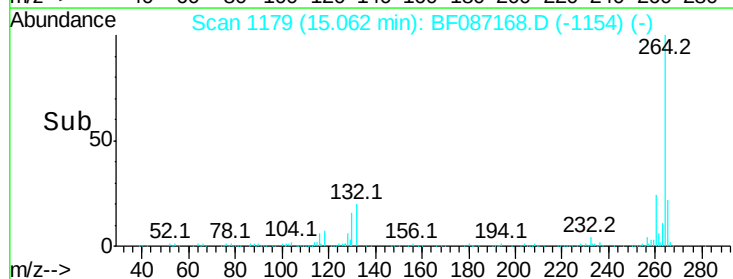
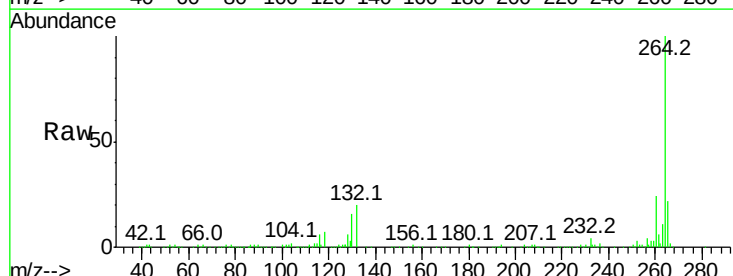
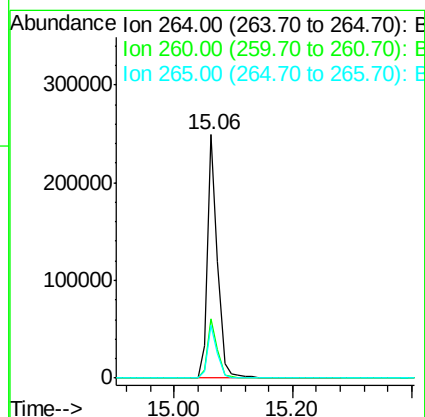
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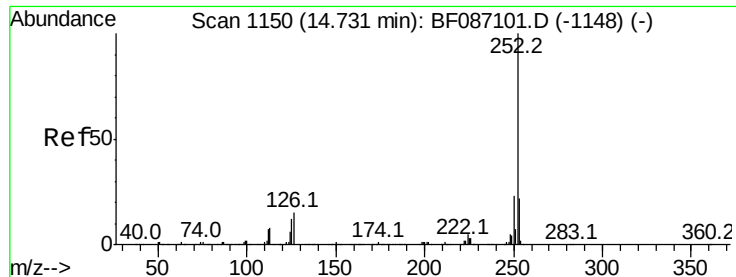
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tgt Ion:	264	Resp:	296988
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.5	29.3
265	21.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 42.65 ng m

RT: 14.71 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

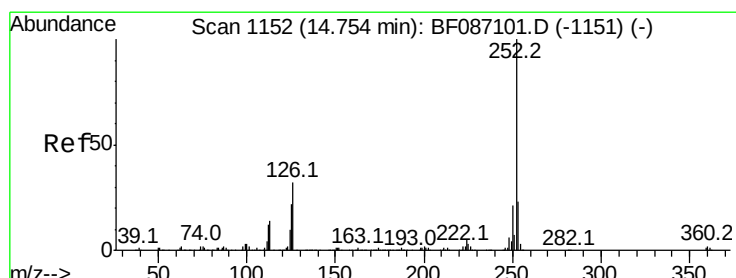
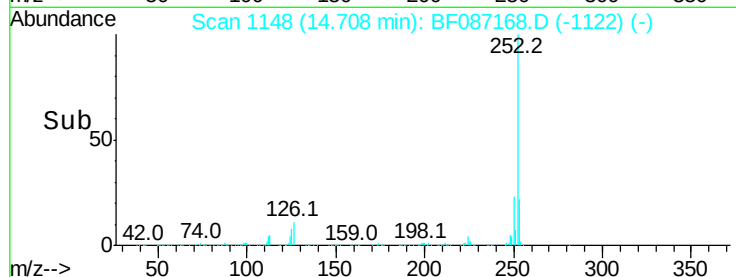
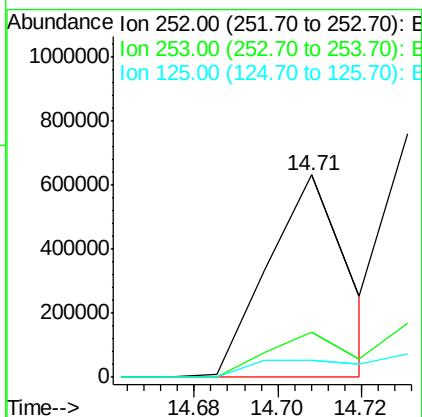
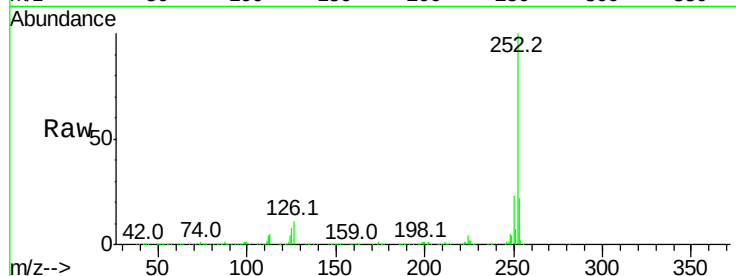
ClientSampleId :

PB90659BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	840378		
253	22.3	17.8	26.6	
125	8.3	11.4	17.0	

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#88

Benzo(k)fluoranthene

Concen: 41.57 ng m

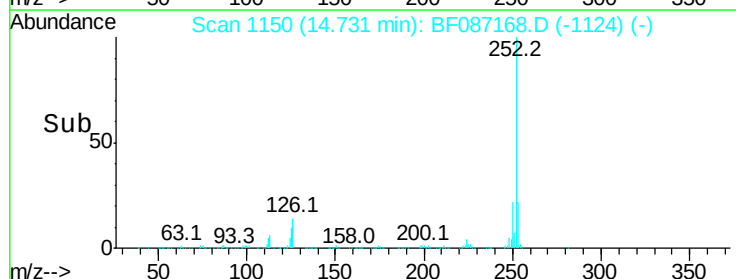
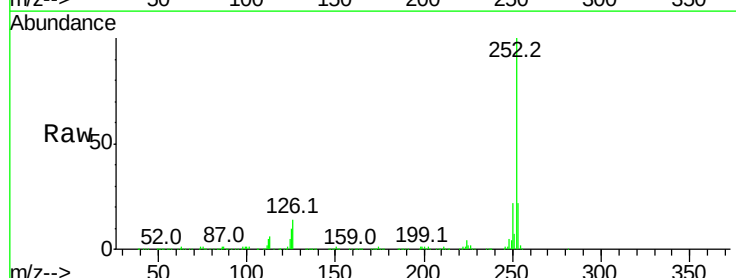
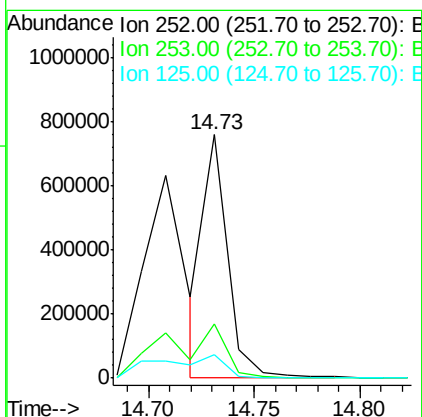
RT: 14.73 min Scan# 1150

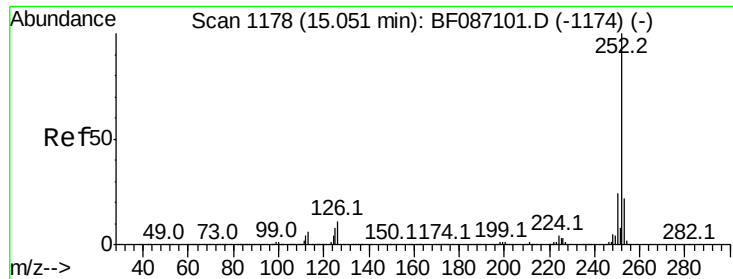
Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	609780		
253	22.3	17.8	26.6	
125	9.6	9.1	13.7	





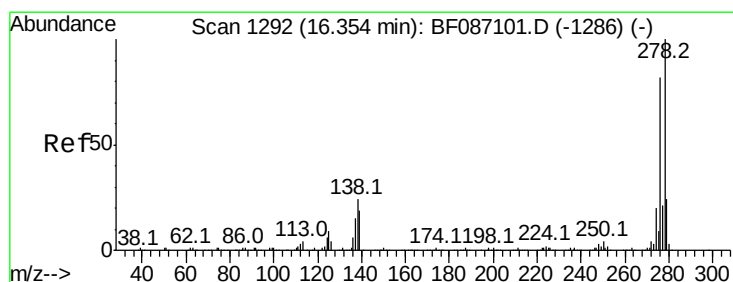
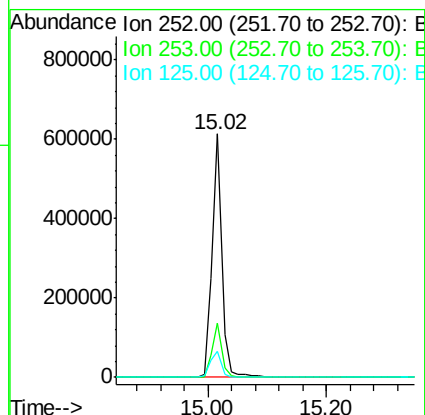
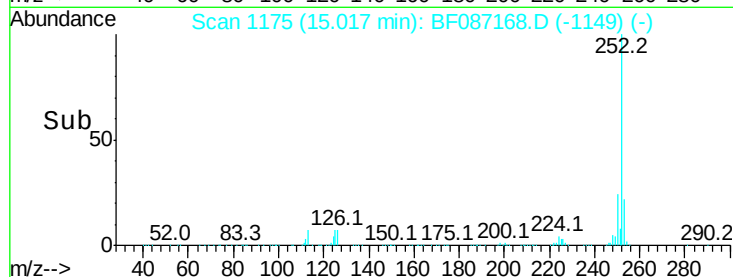
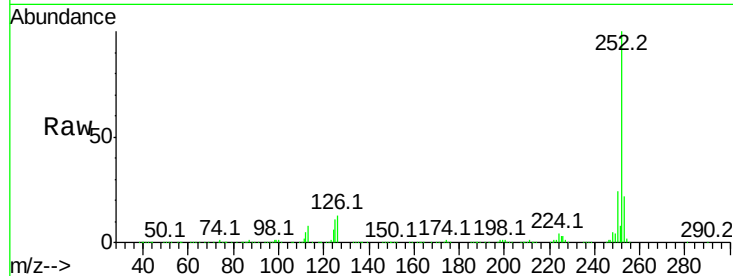
#89
Benzo(a)pyrene
Concen: 42.61 ng
RT: 15.02 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Instrument :
BNA_F
ClientSampleId :
PB90659BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	10.8	9.0	13.6

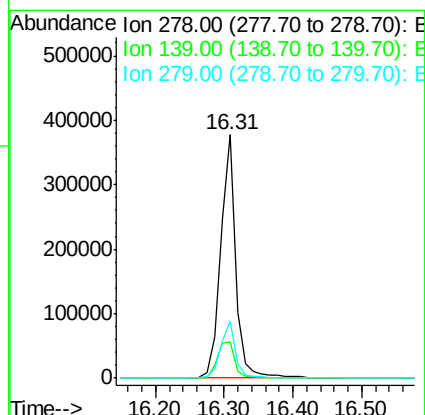
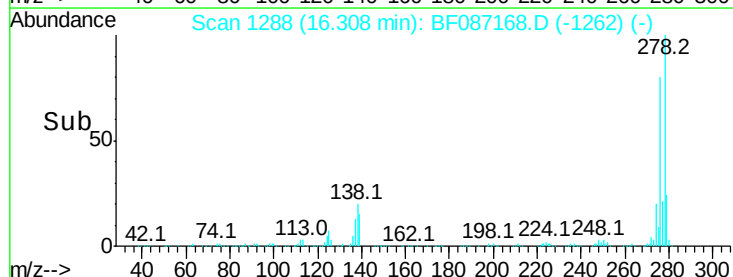
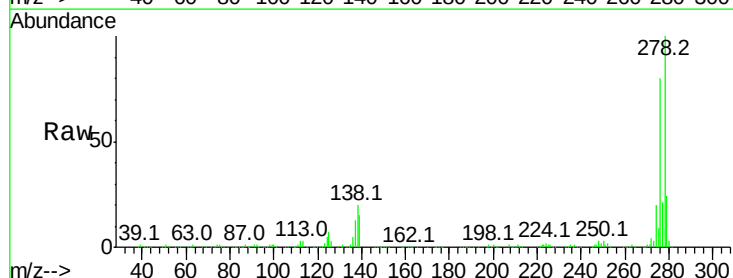
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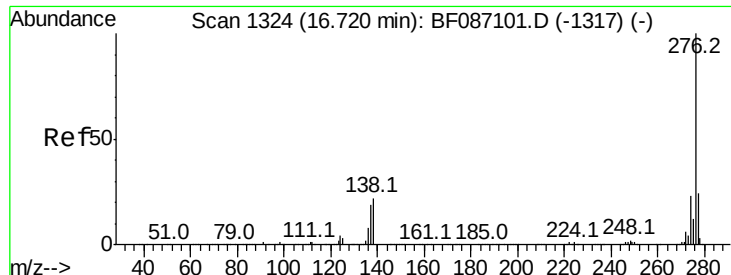
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#90
Dibenzo(a,h)anthracene
Concen: 42.65 ng
RT: 16.31 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	16.6	24.8#
279	23.5	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.09 ng
 RT: 16.66 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90659BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.0	19.6	29.4
138	23.8	23.6	35.4

Manual Integrations
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