

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
 Data File : BF087114.D
 Acq On : 17 May 2016 21:00
 Operator : UM/SJ
 Sample : PB90651BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90651BS

Manual Integrations
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Quant Time: May 18 02:27:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	140335	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	603139	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	303171	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	558700	20.00	ng	-0.01
75) Chrysene-d12	13.74	240	405425	20.00	ng	-0.02
86) Perylene-d12	15.10	264	382327	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	817899	97.96	ng	-0.01
7) Phenol-d6	6.26	99	1027298	91.74	ng	-0.02
23) Nitrobenzene-d5	7.16	82	737224	60.92	ng	-0.02
41) 2,4,6-Tribromophenol	10.42	330	294539	87.92	ng	-0.02
44) 2-Fluorobiphenyl	8.96	172	1198952	65.50	ng	-0.02
78) Terphenyl-d14	12.70	244	1339707	74.75	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.11	88	105598	24.59	ng	# 68
3) Pyridine	2.75	79	262955	25.31	ng	# 68
4) n-Nitrosodimethylamine	2.70	42	217859	29.59	ng	# 48
6) Aniline	6.26	93	246939	17.36	ng	# 67
8) 2-Chlorophenol	6.39	128	321598	31.66	ng	99
9) Benzaldehyde	6.15	77	20125	2.40	ng	93
10) Phenol	6.27	94	429597	30.52	ng	# 68
11) bis(2-Chloroethyl)ether	6.34	93	346751	32.81	ng	94
12) 1,3-Dichlorobenzene	6.52	146	323821m	29.99	ng	
13) 1,4-Dichlorobenzene	6.60	146	327992m	29.69	ng	
14) 1,2-Dichlorobenzene	6.76	146	306617	31.70	ng	98
15) Benzyl Alcohol	6.75	79	289644	34.74	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	6.89	45	670029	30.84	ng	73
17) 2-Methylphenol	6.88	107	260844	31.27	ng	# 76
18) Hexachloroethane	7.10	117	127355	30.15	ng	96
19) n-Nitroso-di-n-propylamine	7.03	70	275700	32.39	ng	# 78
20) 3+4-Methylphenols	7.04	107	366740	33.33	ng	# 61
22) Acetophenone	7.02	105	467779	31.69	ng	99
24) Nitrobenzene	7.19	77	389808	29.50	ng	99
25) Isophorone	7.43	82	676371	30.53	ng	99
26) 2-Nitrophenol	7.51	139	176081	32.17	ng	# 85
27) 2,4-Dimethylphenol	7.56	122	307167	32.88	ng	90
28) bis(2-Chloroethoxy)methane	7.64	93	393720	32.37	ng	# 98
29) 2,4-Dichlorophenol	7.76	162	277892	33.76	ng	98
30) 1,2,4-Trichlorobenzene	7.83	180	287782	31.51	ng	98
31) Naphthalene	7.91	128	936694	31.78	ng	100
32) Benzoic acid	7.71	122	140753	25.28	ng	# 84
33) 4-Chloroaniline	7.98	127	148778	12.15	ng	97
34) Hexachlorobutadiene	8.02	225	163211	31.49	ng	98
35) Caprolactam	8.34	113	90234m	32.92	ng	
36) 4-Chloro-3-methylphenol	8.48	107	321987	32.43	ng	99
37) 2-Methylnaphthalene	8.59	142	605420	32.12	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	270079	30.50	ng	98
40) Hexachlorocyclopentadiene	8.74	237	189849	57.92	ng	97

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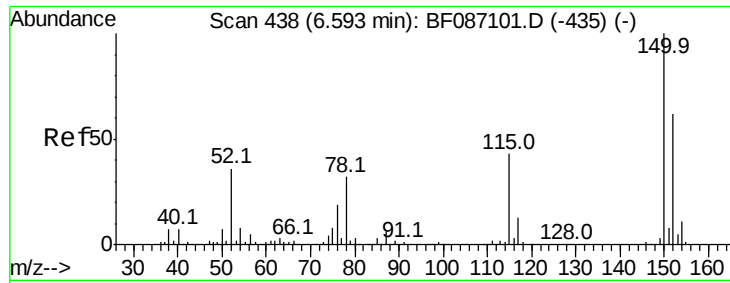
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	180176	31.38	nq	92
43) 2,4,5-Trichlorophenol	8.94	196	196428	32.93	nq	# 88
45) 1,1'-Biphenyl	9.06	154	801883	31.90	nq	98
46) 2-Chloronaphthalene	9.08	162	613358	31.78	nq	97
47) 2-Nitroaniline	9.20	65	243401	32.91	nq	96
48) Acenaphthylene	9.50	152	942556	31.99	nq	99
49) Dimethylphthalate	9.37	163	711886	30.78	nq	100
50) 2,6-Dinitrotoluene	9.44	165	169971	33.85	nq	97
51) Acenaphthene	9.67	154	591757	32.14	nq	97
52) 3-Nitroaniline	9.61	138	98156	18.06	nq	99
53) 2,4-Dinitrophenol	9.72	184	171059	60.67	nq	91
54) Dibenzofuran	9.84	168	835570	35.10	nq	96
55) 4-Nitrophenol	9.80	139	168993m	54.24	nq	
56) 2,4-Dinitrotoluene	9.84	165	187263	29.12	nq	# 52
57) Fluorene	10.18	166	684320	35.78	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	158652	34.15	nq	97
59) Diethylphthalate	10.07	149	675917	30.61	nq	100
60) 4-Chlorophenyl-phenylether	10.17	204	277495	30.61	nq	95
61) 4-Nitroaniline	10.23	138	170354	31.74	nq	83
62) Azobenzene	10.33	77	825142	32.43	nq	85
64) 4,6-Dinitro-2-methylphenol	10.25	198	112316	30.52	nq	# 46
65) n-Nitrosodiphenylamine	10.30	169	557125	31.69	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	197312	34.34	nq	90
67) Hexachlorobenzene	10.72	284	204506	30.70	nq	# 65
68) Atrazine	10.83	200	183336	31.97	nq	95
69) Pentachlorophenol	10.92	266	176766	70.64	nq	96
70) Phenanthrene	11.13	178	928475	30.64	nq	99
71) Anthracene	11.19	178	1072910	35.01	nq	99
72) Carbazole	11.35	167	860294	30.73	nq	98
73) Di-n-butylphthalate	11.68	149	1073599	33.39	nq	# 99
74) Fluoranthene	12.32	202	1067822	35.17	nq	90
76) Benzidine	12.44	184	174243	12.91	nq	95
77) Pyrene	12.54	202	973370	33.23	nq	100
79) Butylbenzylphthalate	13.18	149	473047	38.26	nq	98
80) Benzo(a)anthracene	13.73	228	813163	34.69	nq	100
81) 3,3'-Dichlorobenzidine	13.70	252	177547	11.90	nq	# 95
82) Chrysene	13.76	228	770859	33.99	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	613834	40.79	nq	# 99
84) Di-n-octyl phthalate	14.34	149	1059263	40.86	nq	# 84
85) Indeno(1,2,3-cd)pyrene	16.33	276	677299	34.02	nq	95
87) Benzo(b)fluoranthene	14.73	252	858499m	33.85	nq	
88) Benzo(k)fluoranthene	14.75	252	649490m	34.40	nq	
89) Benzo(a)pyrene	15.04	252	686948	32.40	nq	97
90) Dibenzo(a,h)anthracene	16.34	278	564744	31.64	nq	96
91) Benzo(g,h,i)perylene	16.70	276	550757	30.55	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Instrument :

BNA_F

ClientSampleID :

PB90651BS

Tot Ion:152 Resp: 140335

Ion Ratio Lower Upper

152 100

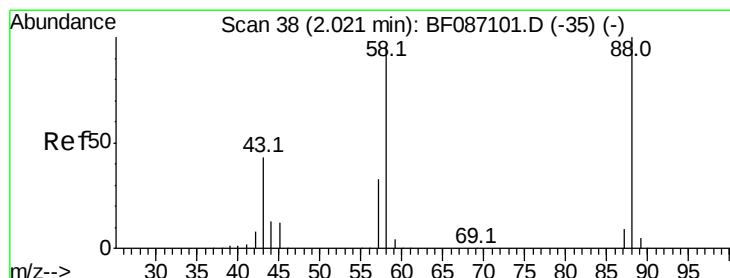
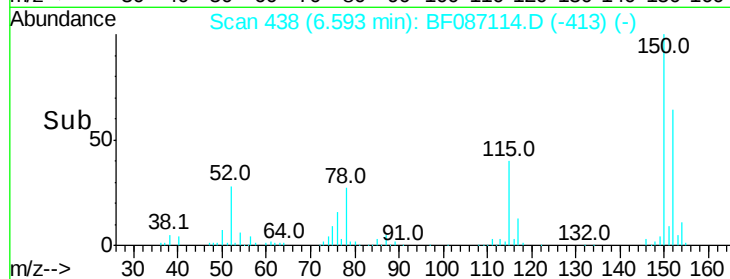
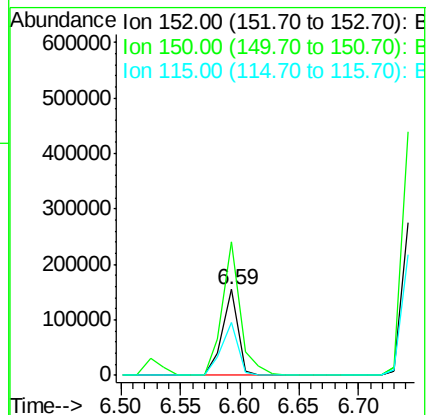
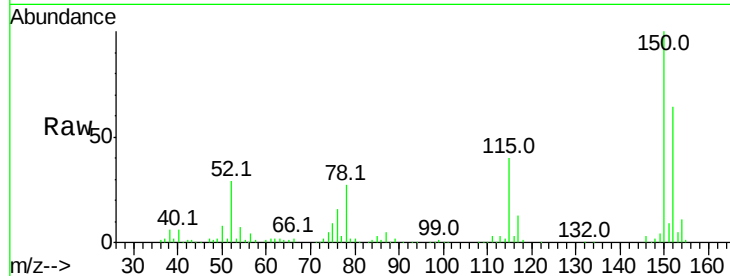
150 156.5 125.8 188.6

115 62.2 51.5 77.3

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#2

1,4-Dioxane

Concen: 24.59 ng

RT: 2.11 min Scan# 46

Delta R.T. 0.06 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

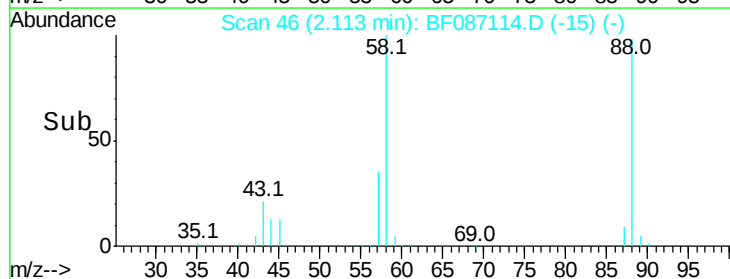
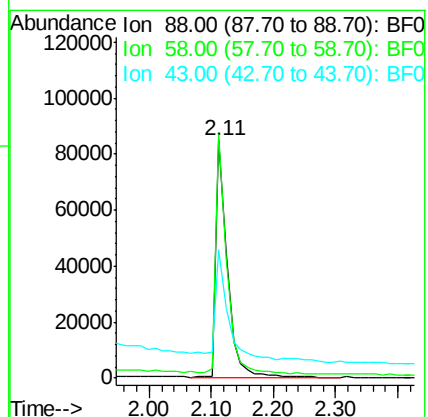
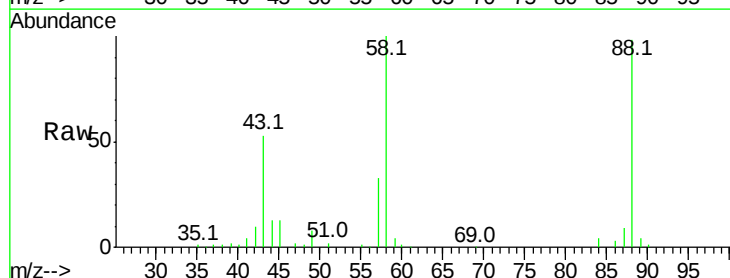
Tgt Ion: 88 Resp: 105598

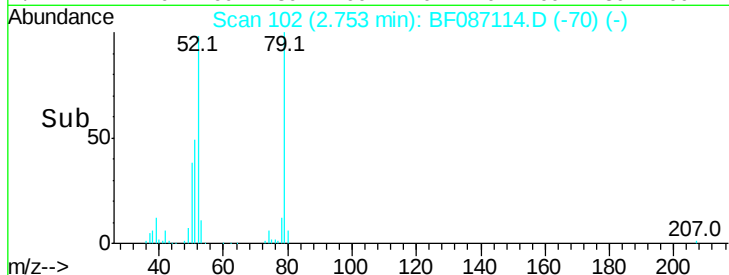
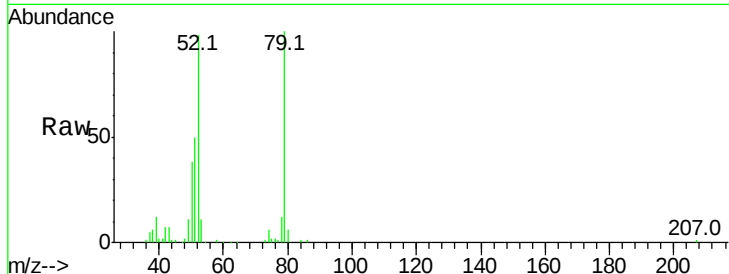
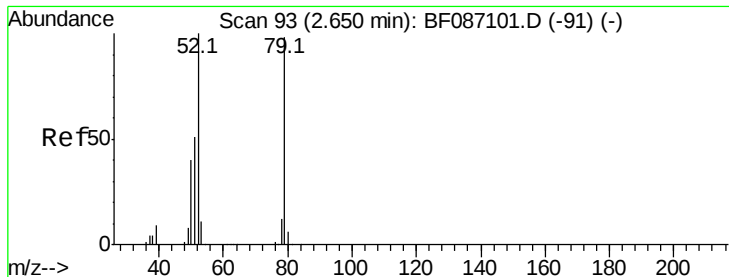
Ion Ratio Lower Upper

88 100

58 99.7 59.6 89.4#

43 47.2 21.8 32.6#





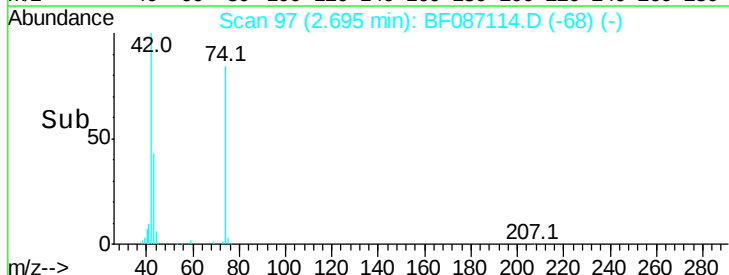
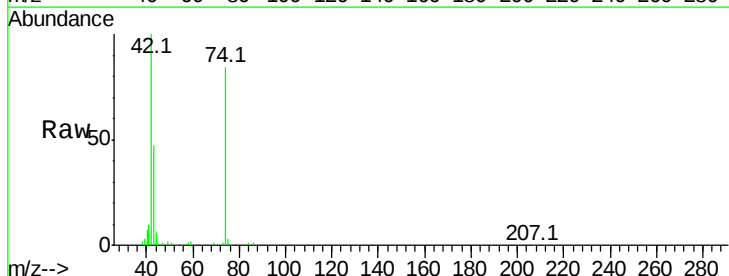
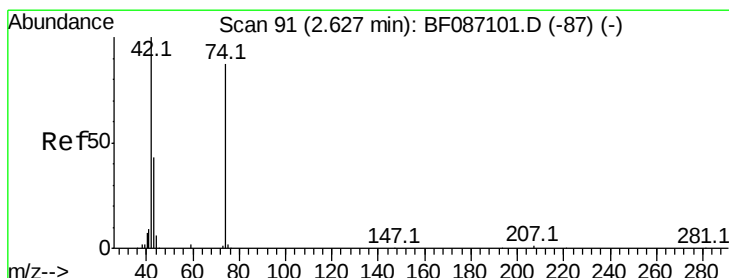
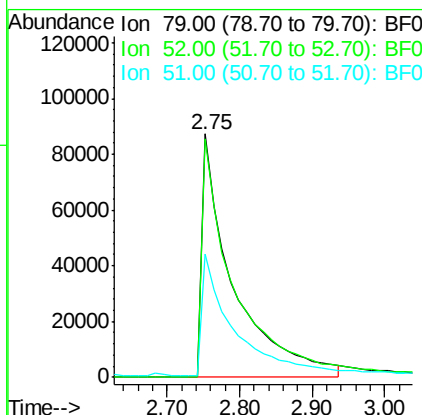
#3
 Pvridine
 Concen: 25.31 ng
 RT: 2.75 min Scan# 102
 Delta R.T. 0.07 min
 Lab File: BF087114.D
 Acq: 17 May 2016 21:00

Tot Ion	Ratio	Resp Lower	Upper
79	100		
52	97.9	55.9	83.9#
51	50.5	28.1	42.1#

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 BNA_F
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 PB90651BS

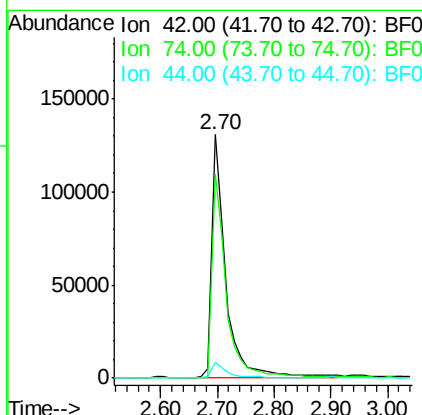
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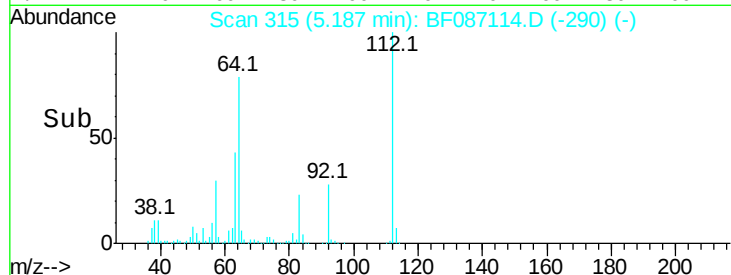
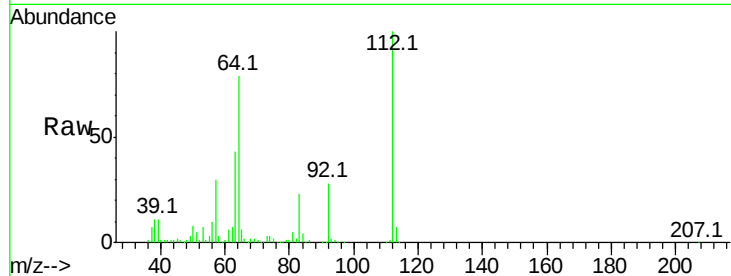
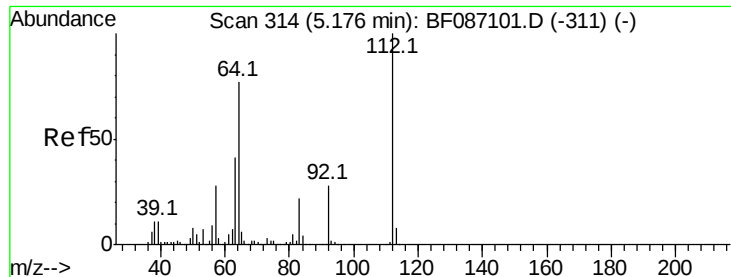
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#4
 n-Nitrosodimethylamine
 Concen: 29.59 ng
 RT: 2.70 min Scan# 97
 Delta R.T. 0.03 min
 Lab File: BF087114.D
 Acq: 17 May 2016 21:00

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
74	83.6	123.4	185.0#
44	6.4	5.8	8.6





#5

2-Fluorophenol

Concen: 97.96 ng

RT: 5.19 min Scan# 315

Delta R.T. -0.01 min

Lab File: BF087114.D

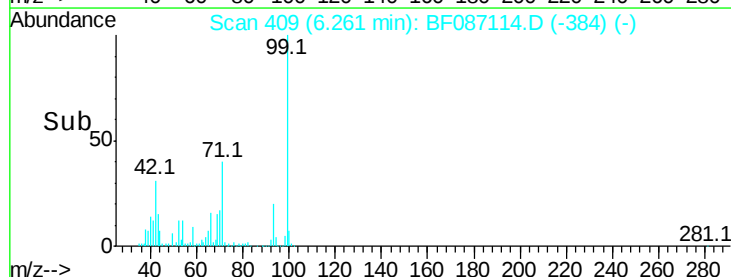
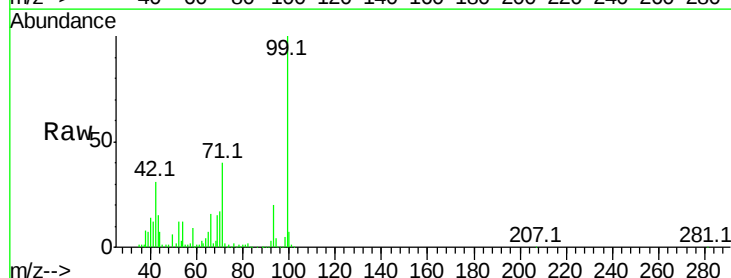
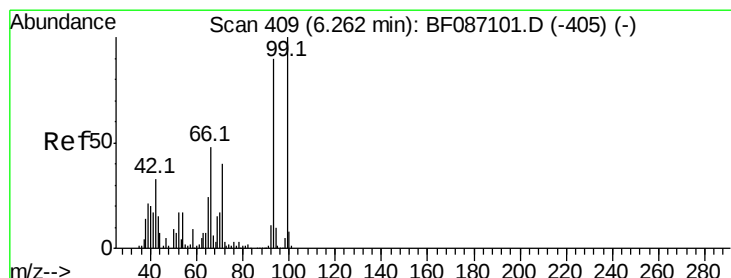
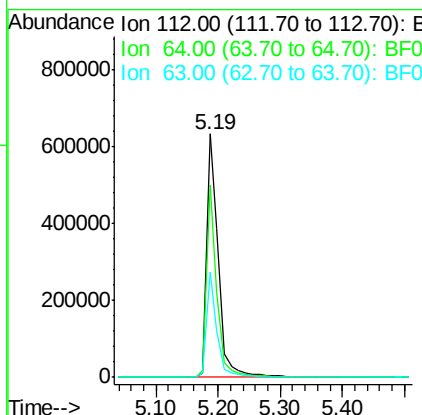
Acq: 17 May 2016 21:00

Tot Ion:	112	Resp:	817899
Ion Ratio	Lower	Upper	
112	100		
64	79.2	52.1	78.1#
63	43.0	25.7	38.5#

Instrument :
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#6

Aniline

Concen: 17.36 ng

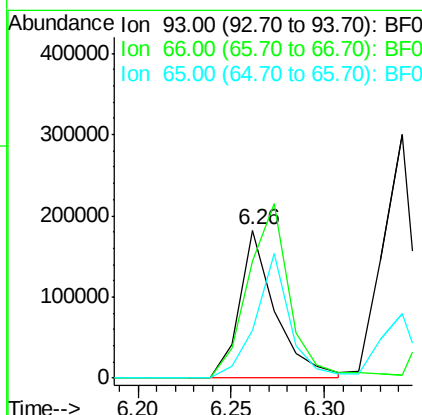
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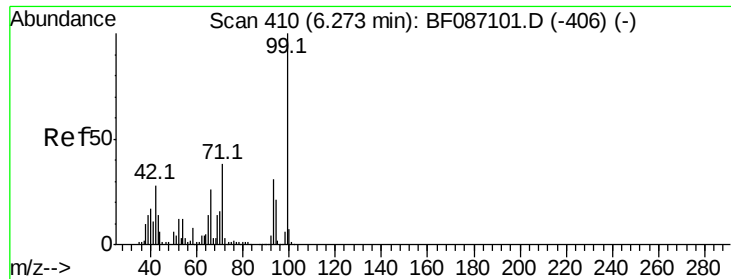
Delta R.T. -0.01 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Tgt Ion:	93	Resp:	246939
Ion Ratio	Lower	Upper	
93	100		
66	79.0	39.0	58.6#
65	32.3	20.6	31.0#





#7

Phenol-d6

Concen: 91.74 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Instrument :

BNA_F

ClientSampleId :

PB90651BS

Tot Ion: 99 Resp: 1027298

Ion Ratio Lower Upper

99 100

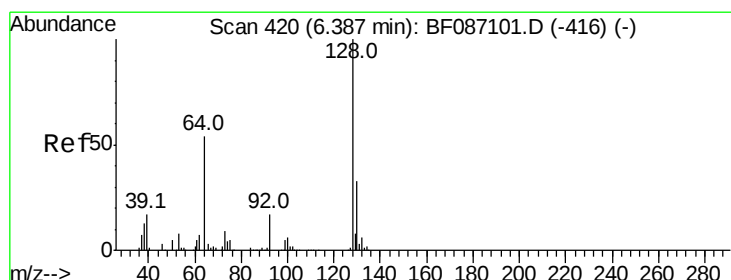
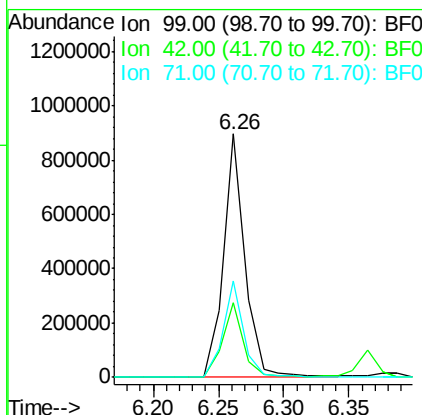
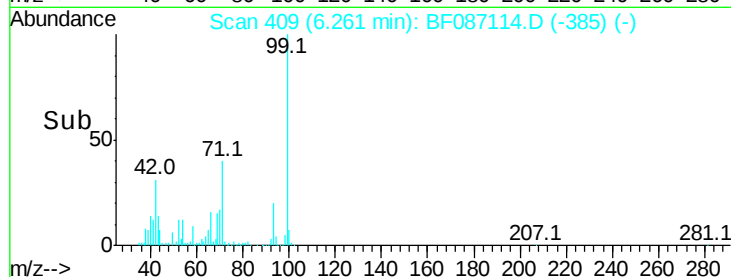
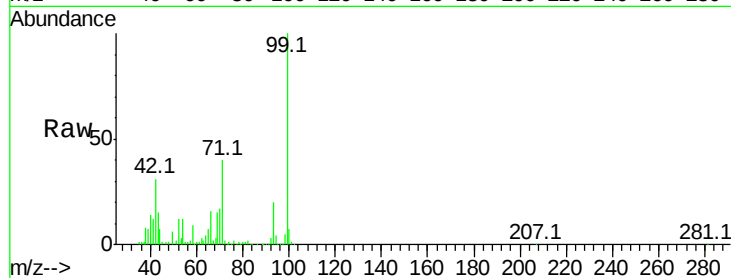
42 30.6 13.6 20.4#

71 39.7 24.6 36.8#

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#8

2-Chlorophenol

Concen: 31.66 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

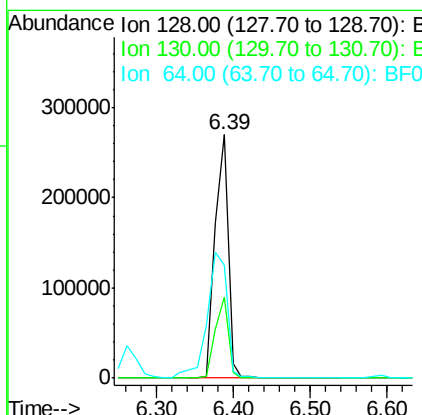
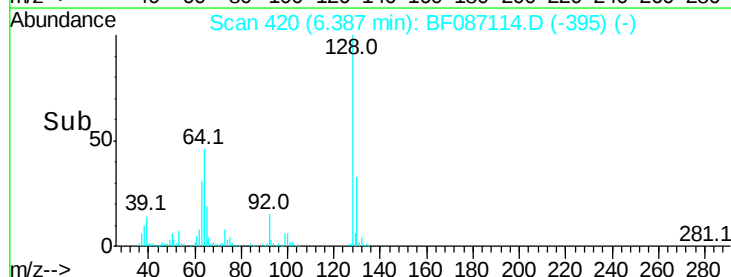
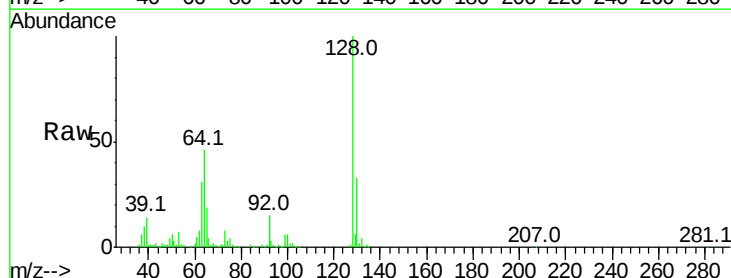
Tgt Ion: 128 Resp: 321598

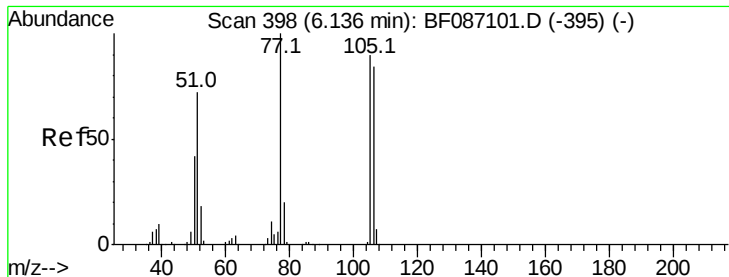
Ion Ratio Lower Upper

128 100

130 33.2 12.5 52.5

64 46.3 27.3 67.3





#9

Benzaldehyde

Concen: 2.40 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Instrument :

BNA_F

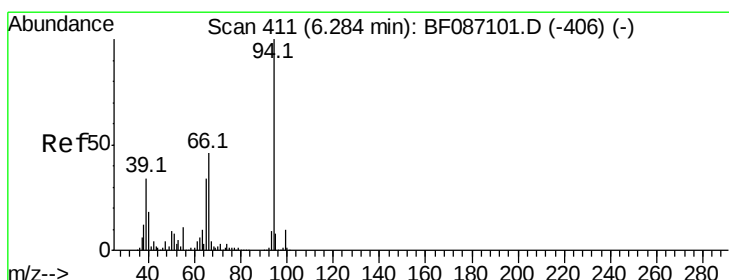
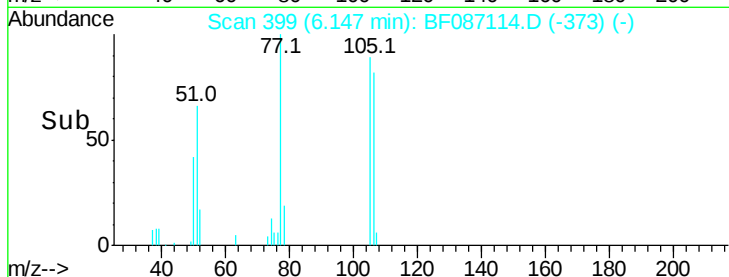
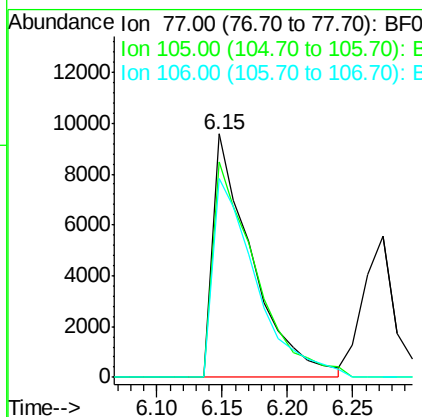
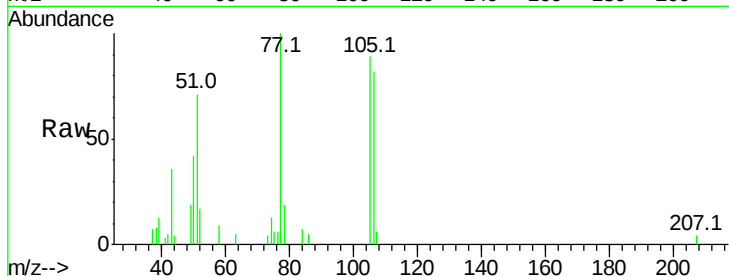
ClientSampleId :

PB90651BS

Tot Ion:	77	Resp:	20125
Ion Ratio	Lower	Upper	
77	100		
105	88.7	72.7	112.7
106	81.8	70.8	110.8

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#10

Phenol

Concen: 30.52 ng

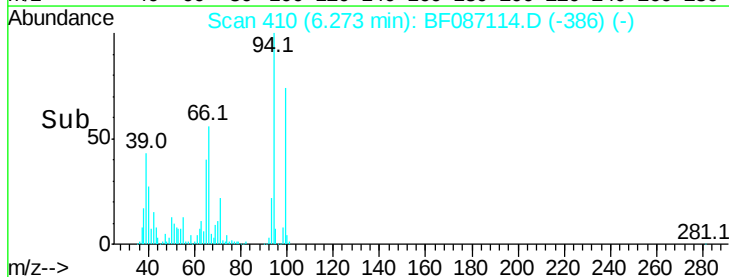
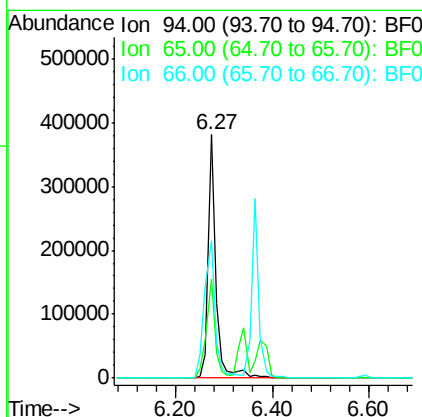
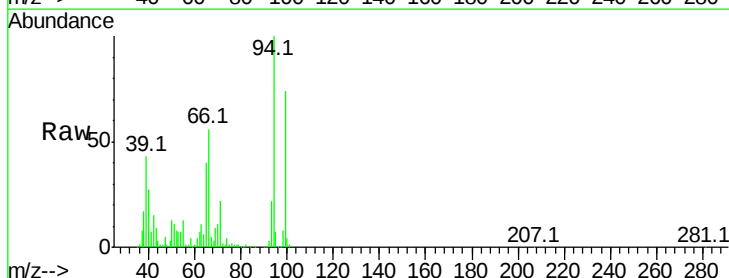
RT: 6.27 min Scan# 410

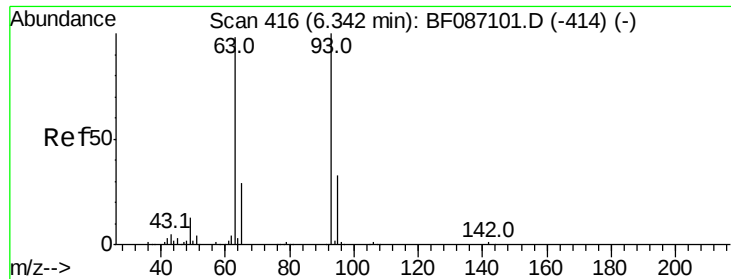
Delta R.T. -0.02 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Tgt Ion:	94	Resp:	429597
Ion Ratio	Lower	Upper	
94	100		
65	40.5	7.2	47.2
66	56.4	14.9	54.9#





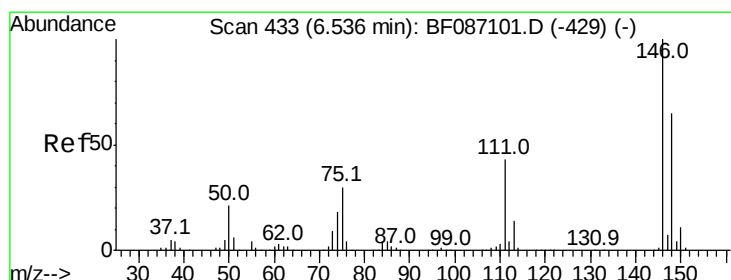
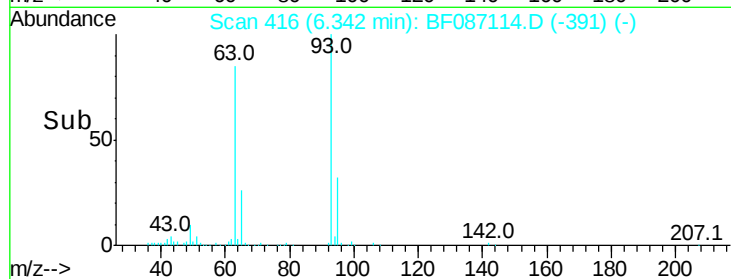
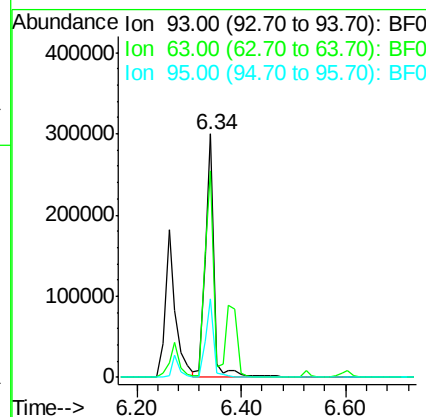
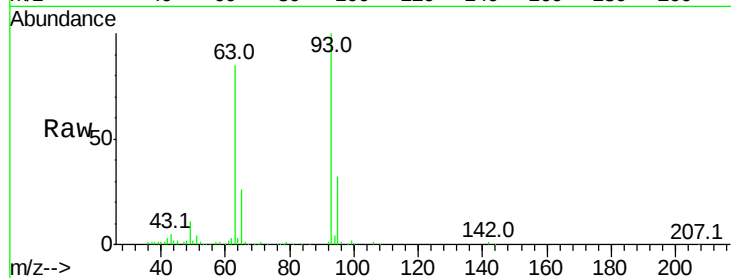
#11
bis(2-Chloroethyl)ether
Concen: 32.81 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF087114.D
Acq: 17 May 2016 21:00

Instrument :
BNA_F
ClientSampleId :
PB90651BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	346751		
63	85.0	58.0	98.0	
95	32.3	11.9	51.9	

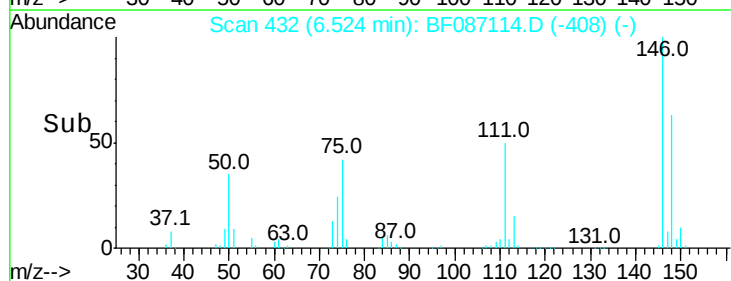
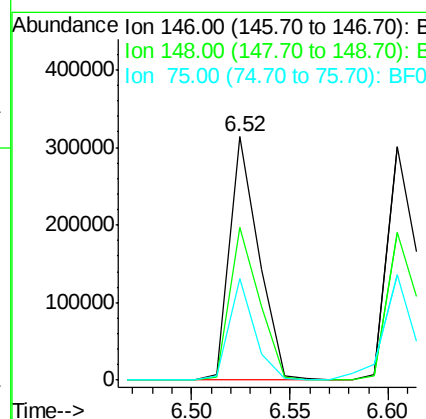
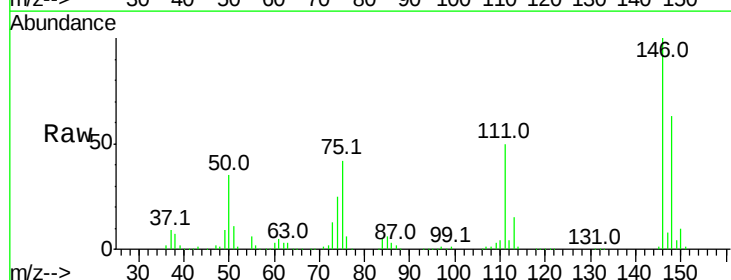
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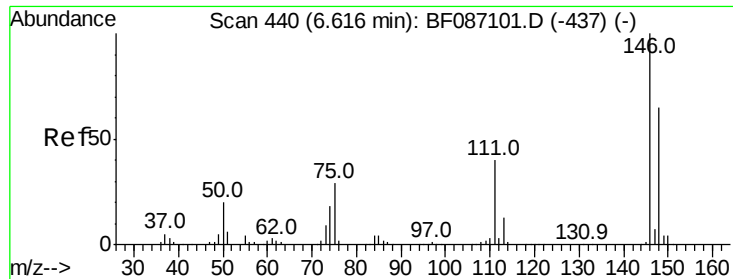
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#12
1,3-Dichlorobenzene
Concen: 29.99 ng m
RT: 6.52 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF087114.D
Acq: 17 May 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	323821		
148	62.7	52.4	78.6	
75	41.9	22.8	34.2	





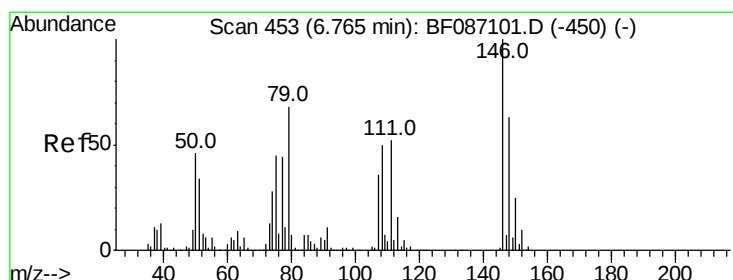
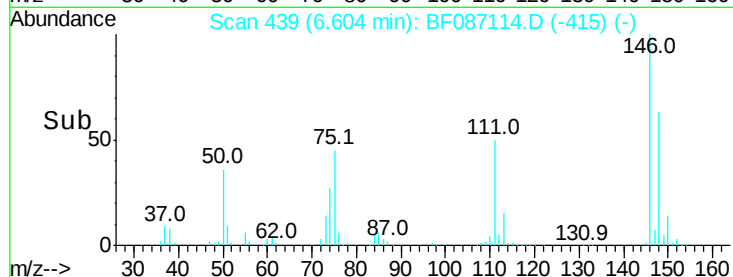
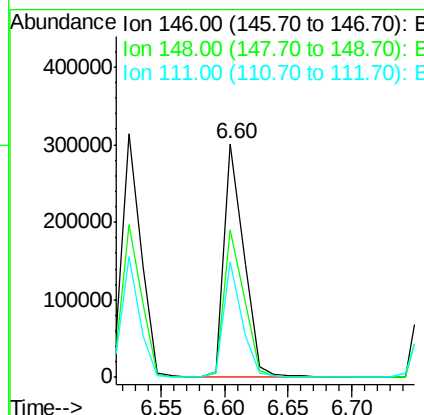
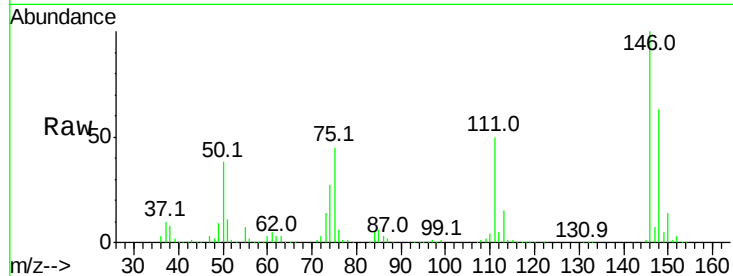
#13
 1,4-Dichlorobenzene
 Concen: 29.69 ng/mL
 RT: 6.60 min Scan# 439
 Delta R.T. -0.02 min
 Lab File: BF087114.D
 Acq: 17 May 2016 21:00

Instrument :
 BNA_F
 ClientSampleID :
 PB90651BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.2	78.4
111	49.5	30.7	46.1

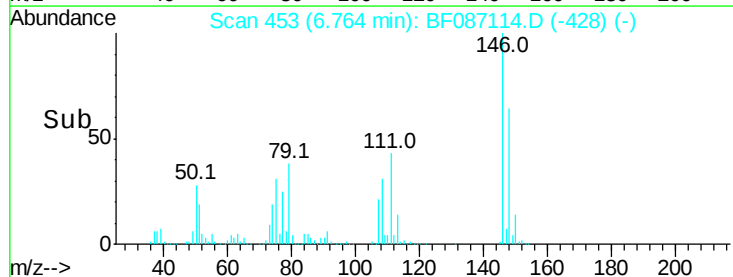
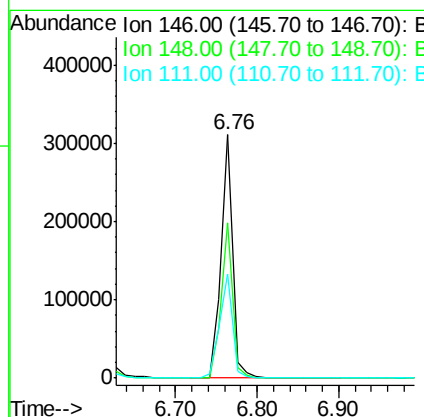
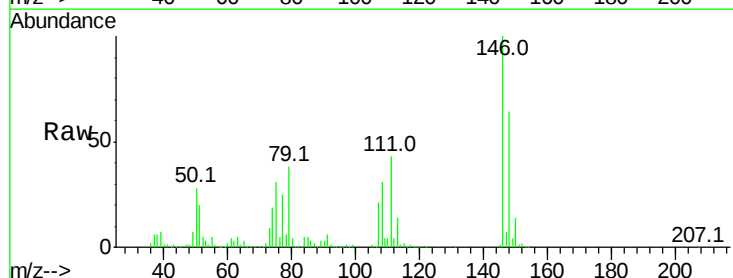
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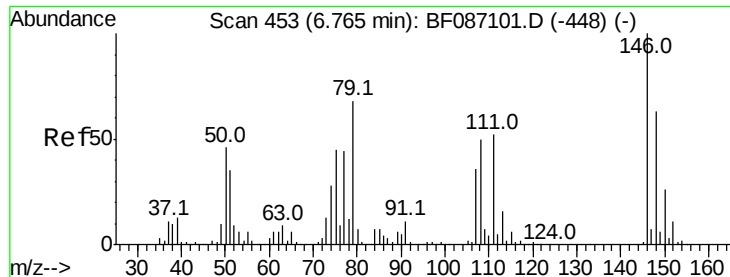
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#14
 1,2-Dichlorobenzene
 Concen: 31.70 ng/mL
 RT: 6.76 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF087114.D
 Acq: 17 May 2016 21:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.6
111	42.7	36.2	54.4





#15

Benzyl Alcohol

Concen: 34.74 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.02 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Instrument :

BNA_F

ClientSampled :

PB90651BS

Tot Ion: 79 Resp: 289644

Ion Ratio Lower Upper

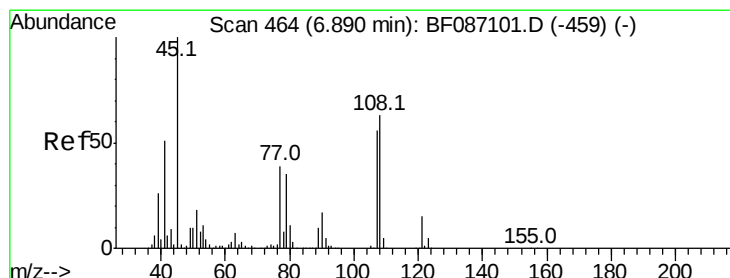
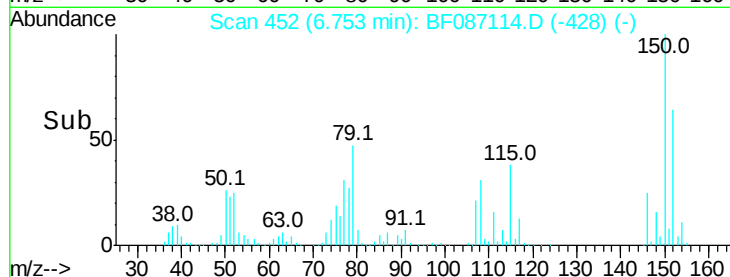
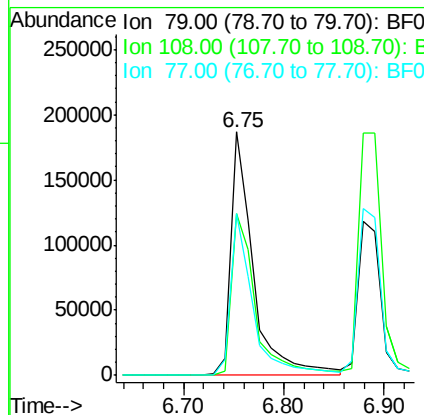
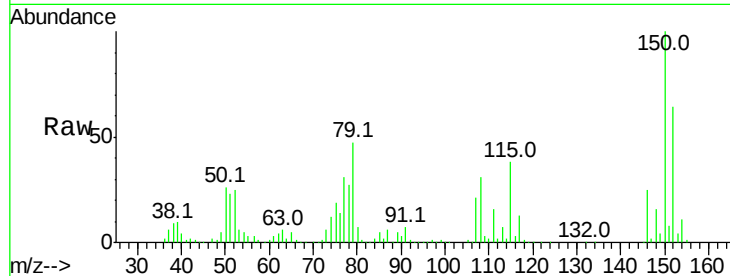
79 100

108 66.5 68.4 102.6#

77 66.5 50.6 76.0

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 30.84 ng

RT: 6.89 min Scan# 464

Delta R.T. -0.01 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

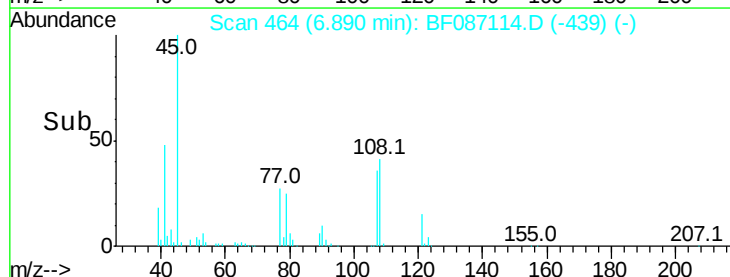
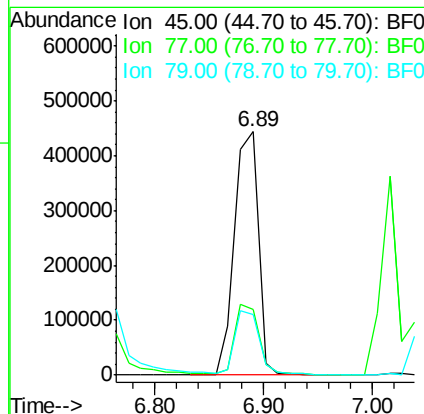
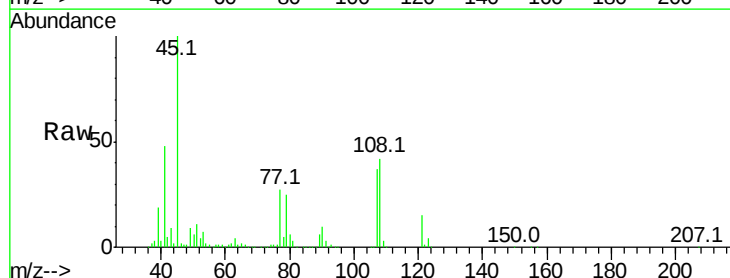
Tgt Ion: 45 Resp: 670029

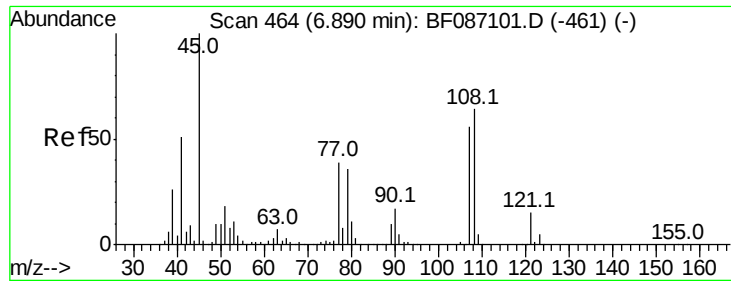
Ion Ratio Lower Upper

45 100

77 27.2 0.0 36.4

79 24.9 0.0 33.4





#17

2-Methylphenol

Concen: 31.27 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.02 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Instrument :

BNA_F

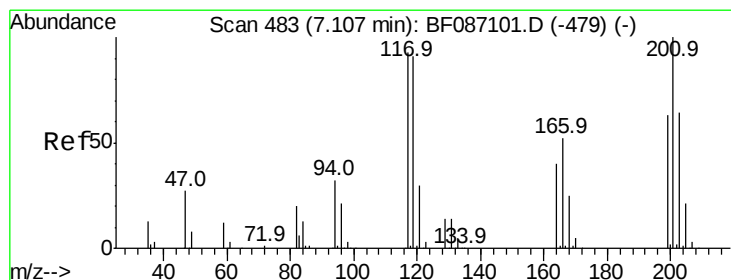
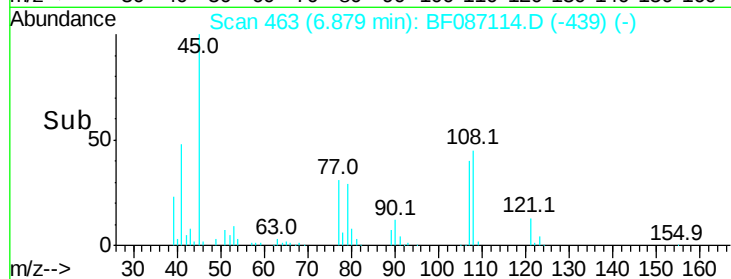
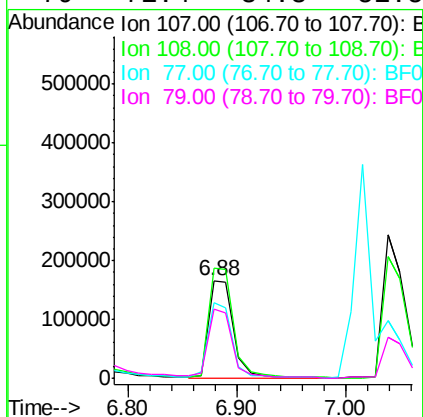
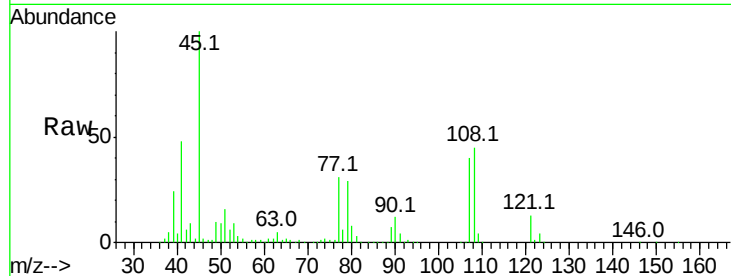
ClientSampled :

PB90651BS

Tot Ion:	107	Resp:	260844
Ion Ratio	Lower	Upper	
107	100		
108	112.3	93.7	140.5
77	77.2	33.4	50.0#
79	71.4	34.3	51.5#

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#18

Hexachloroethane

Concen: 30.15 ng

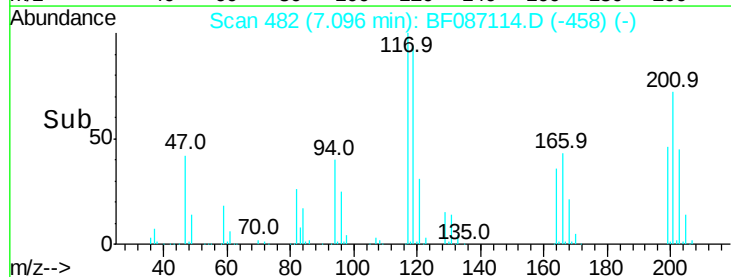
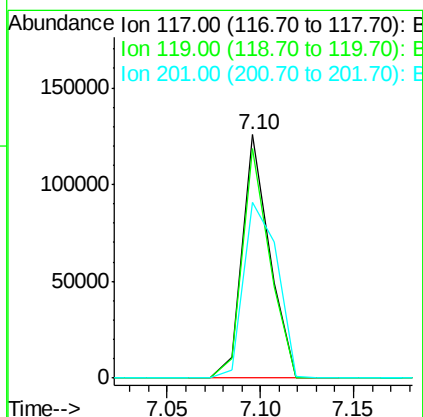
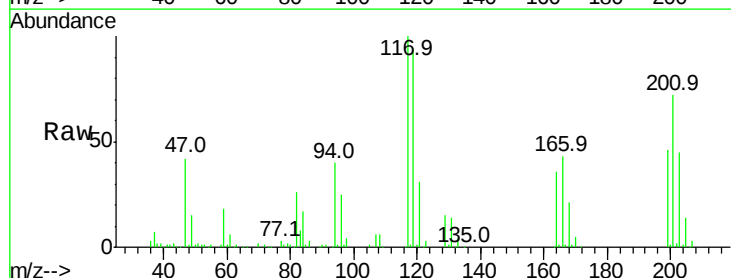
RT: 7.10 min Scan# 482

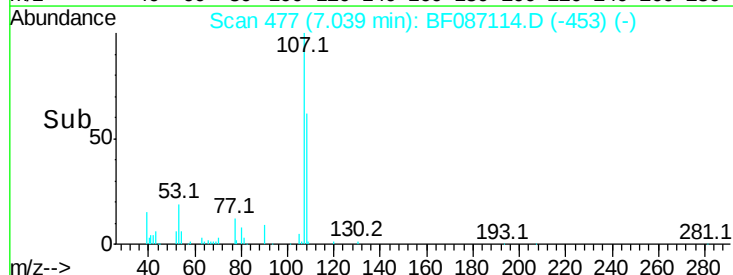
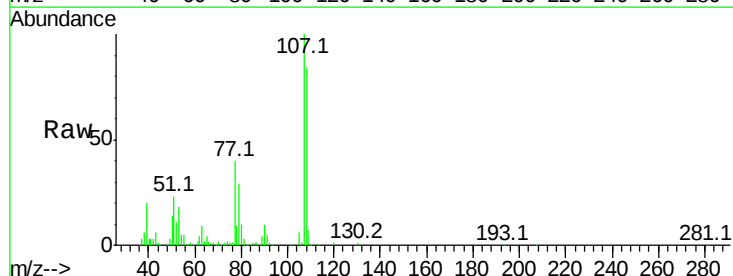
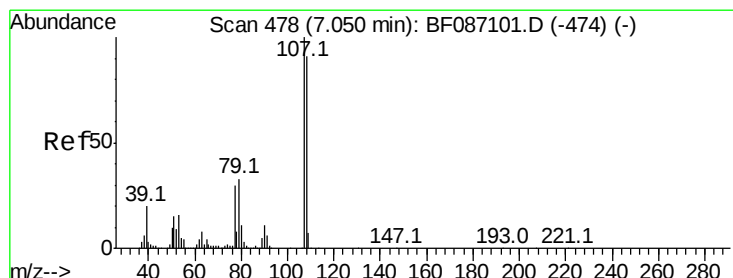
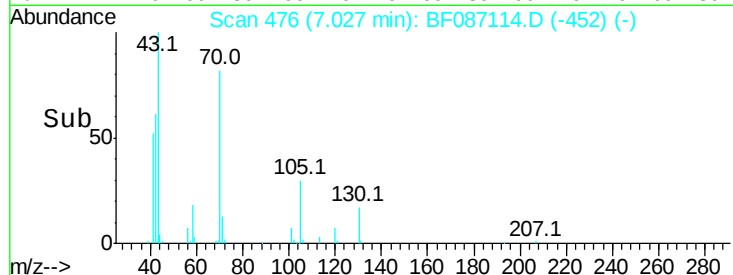
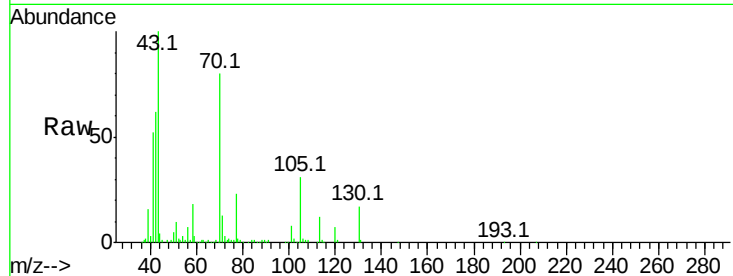
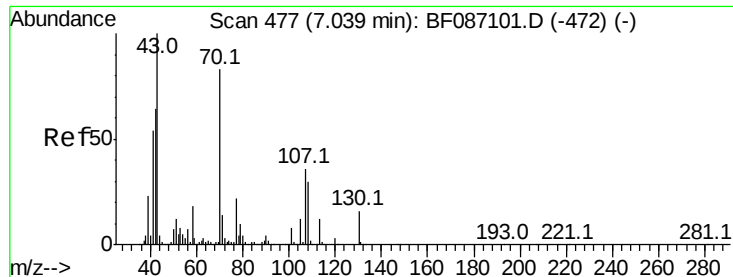
Delta R.T. -0.02 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Tgt Ion:	117	Resp:	127355
Ion Ratio	Lower	Upper	
117	100		
119	94.3	76.5	114.7
201	72.0	63.0	94.6





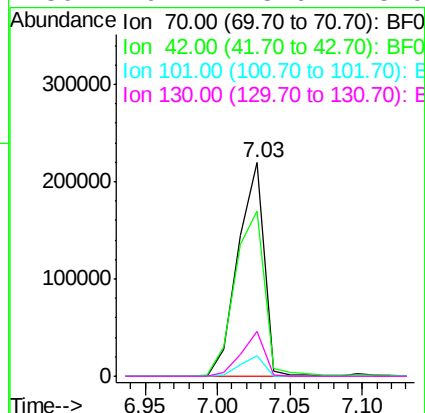
#19
n-Nitroso-di-n-propylamine
Concen: 32.39 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF087114.D
Acq: 17 May 2016 21:00

Instrument :
BNA_F
ClientSampleId :
PB90651BS

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	77.0	43.1	64.7#
101	9.3	8.1	12.1
130	20.7	18.6	28.0

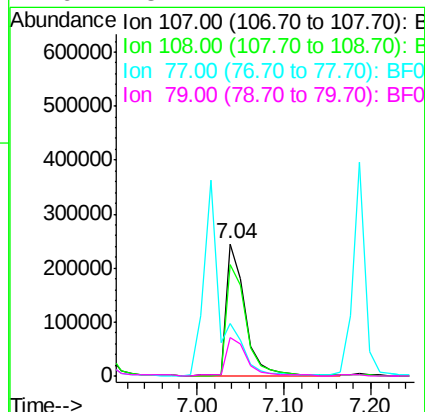
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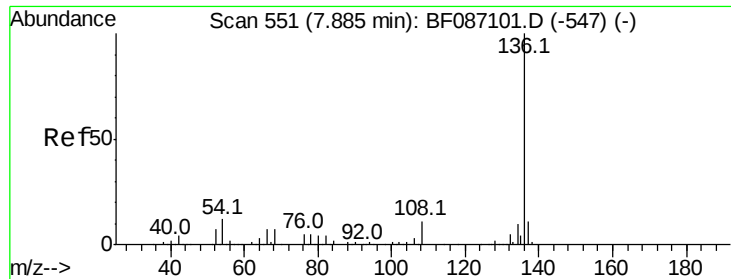
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#20
3+4-Methylphenols
Concen: 33.33 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF087114.D
Acq: 17 May 2016 21:00

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	84.5	68.5	108.5
77	39.7	101.6	141.6#
79	28.7	7.4	47.4





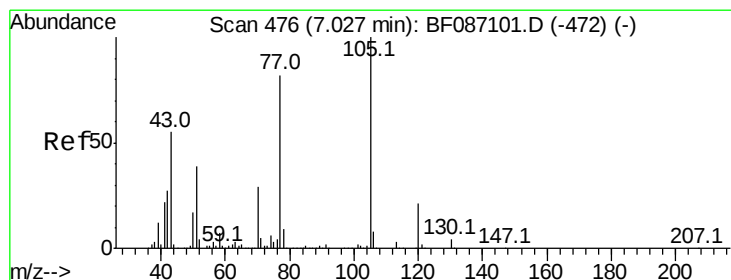
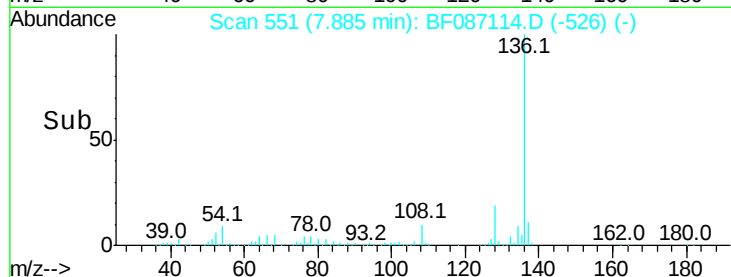
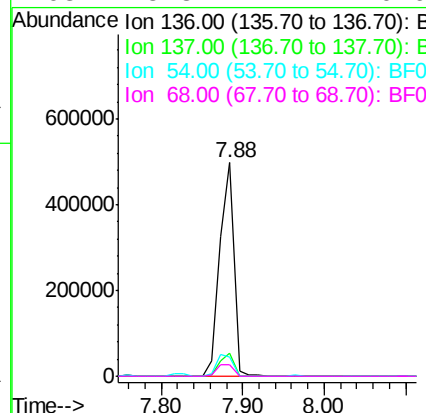
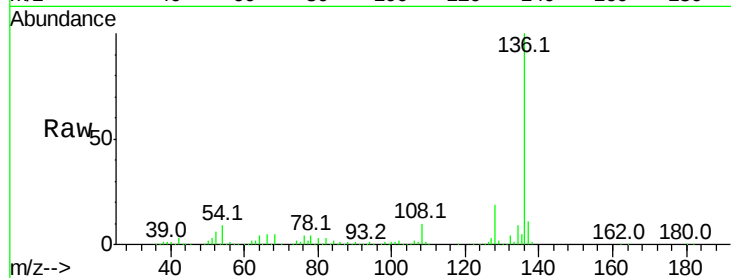
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF087114.D
Acq: 17 May 2016 21:00

Instrument :
BNA_F
ClientSampleId :
PB90651BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	603139		
137	10.6	8.8	13.2	
54	9.1	5.0	7.4	
68	5.3	4.4	6.6	

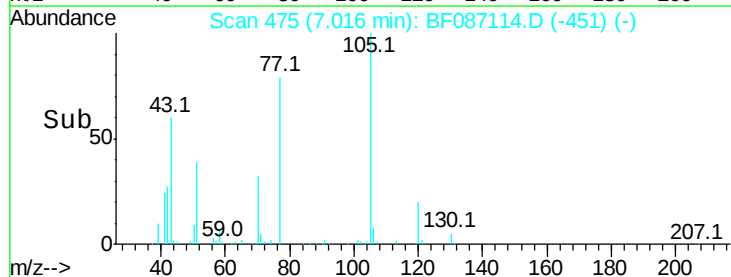
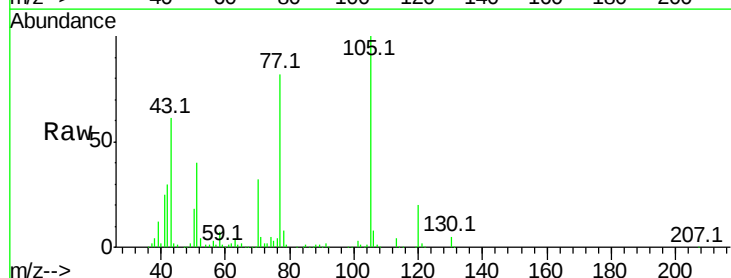
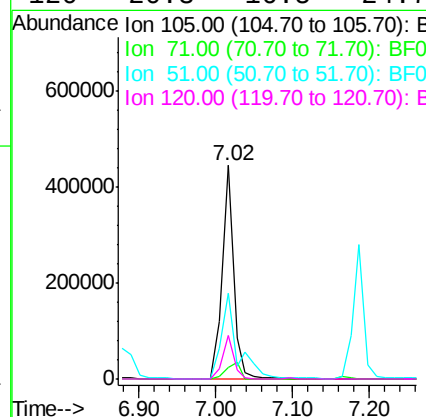
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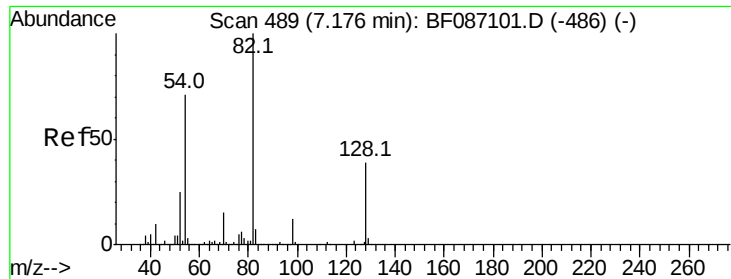
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#22
Acetophenone
Concen: 31.69 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF087114.D
Acq: 17 May 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	467779		
71	5.5	4.8	7.2	
51	40.2	32.6	49.0	
120	20.3	16.5	24.7	





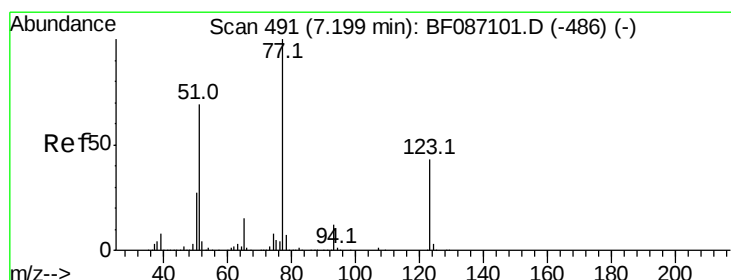
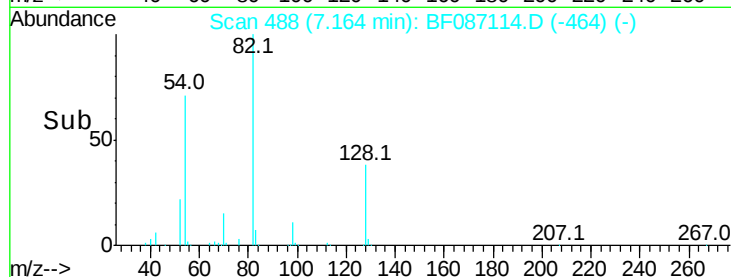
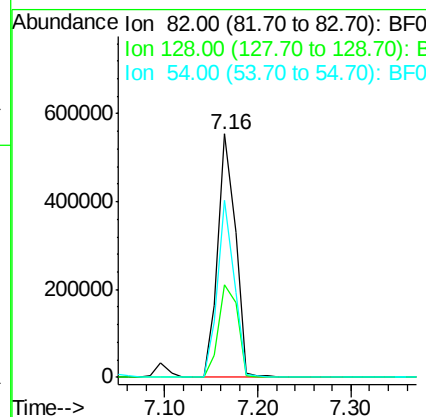
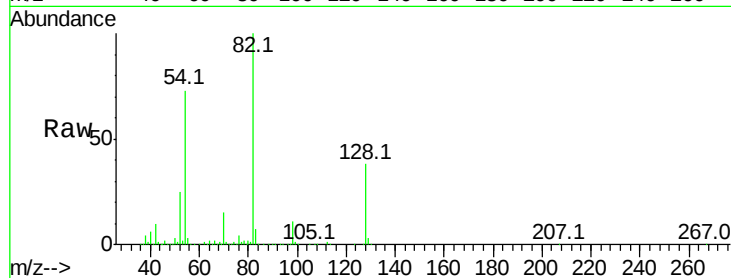
#23
 Nitrobenzene-d5
 Concen: 60.92 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.02 min
 Lab File: BF087114.D
 Acq: 17 May 2016 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90651BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	737224		
128	38.0	40.6	61.0#	
54	72.5	38.1	57.1#	

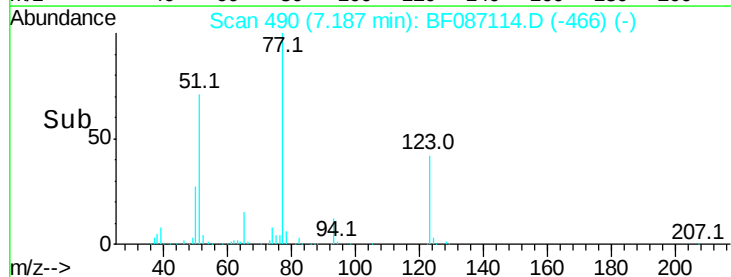
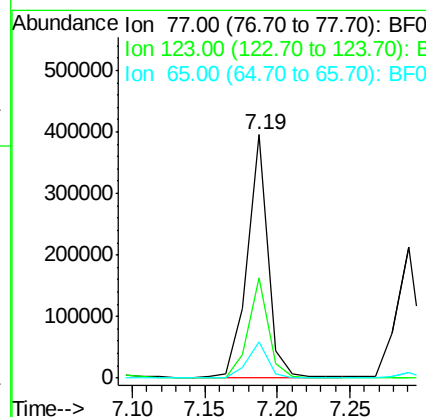
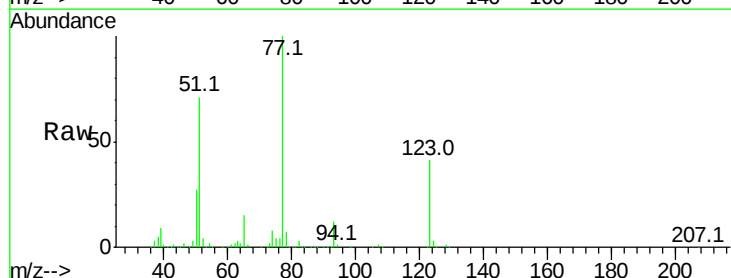
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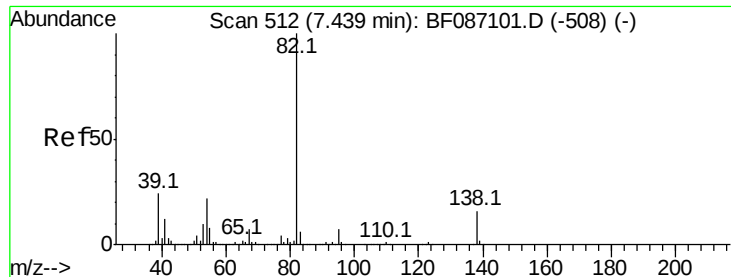
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#24
 Nitrobenzene
 Concen: 29.50 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.02 min
 Lab File: BF087114.D
 Acq: 17 May 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	389808		
123	41.3	33.0	49.4	
65	14.8	10.8	16.2	





#25

Isophorone

Concen: 30.53 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.02 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Instrument :

BNA_F

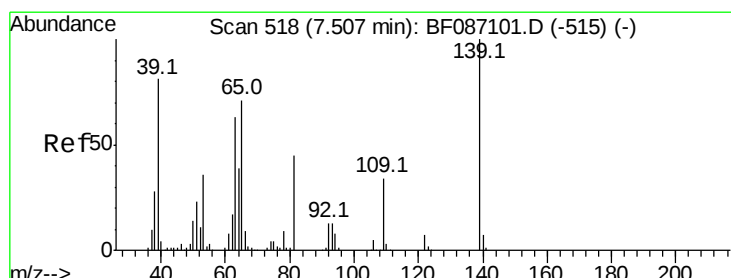
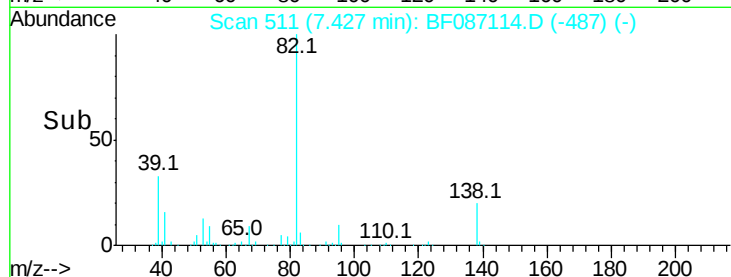
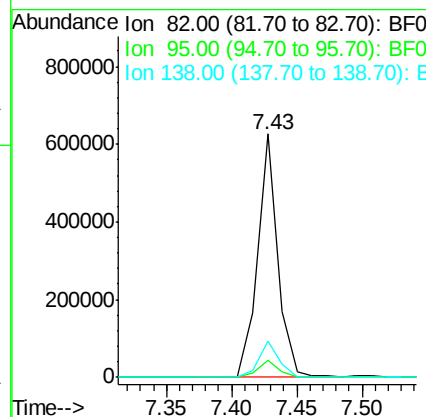
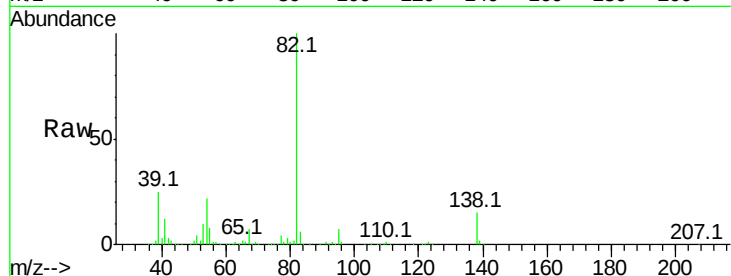
ClientSampleId :

PB90651BS

Tot Ion:	82	Resp:	676371
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.1	7.7
138	15.0	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 32.17 ng

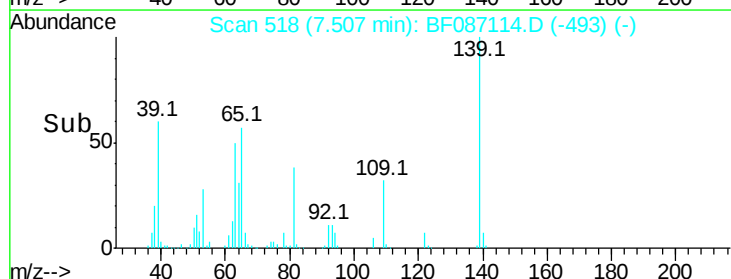
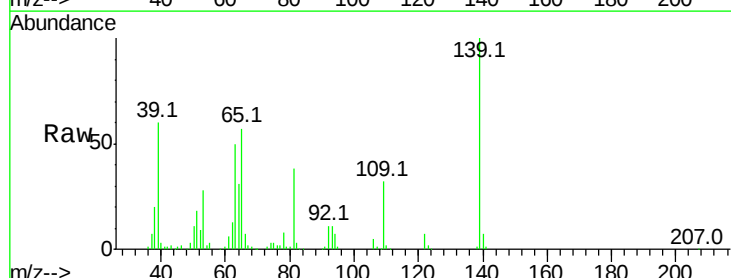
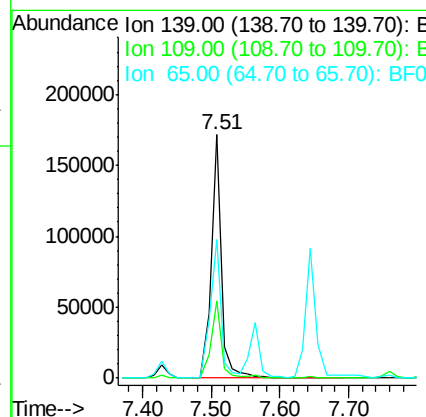
RT: 7.51 min Scan# 518

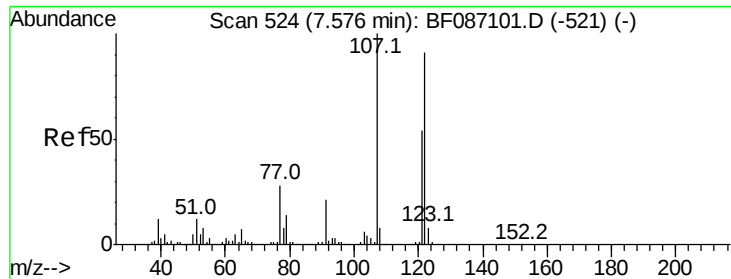
Delta R.T. -0.01 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Tgt Ion:	139	Resp:	176081
Ion Ratio	Lower	Upper	
139	100		
109	31.6	19.5	29.3#
65	56.9	37.5	56.3#





#27

2,4-Dimethylphenol

Concen: 32.88 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Instrument :

BNA_F

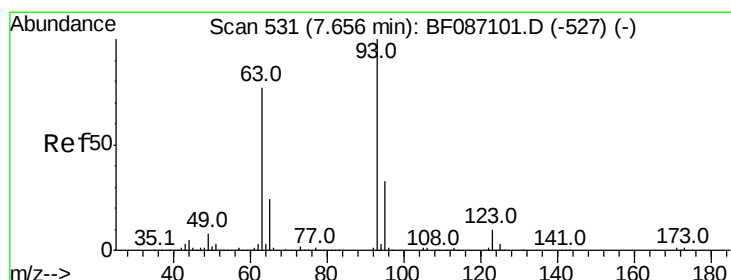
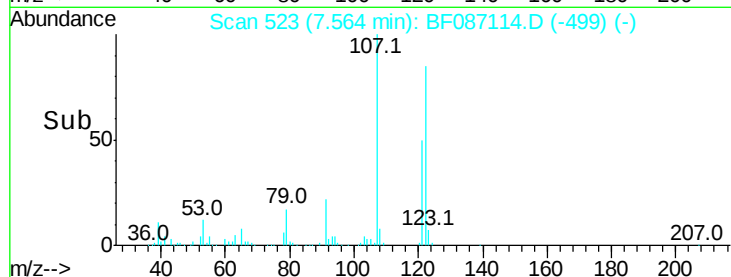
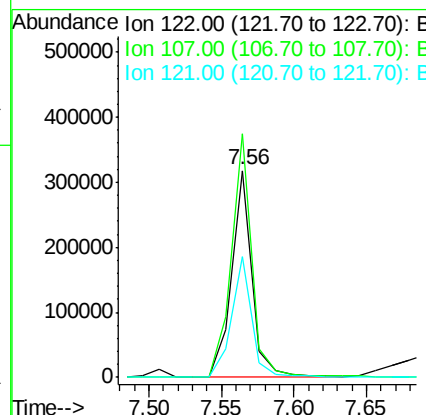
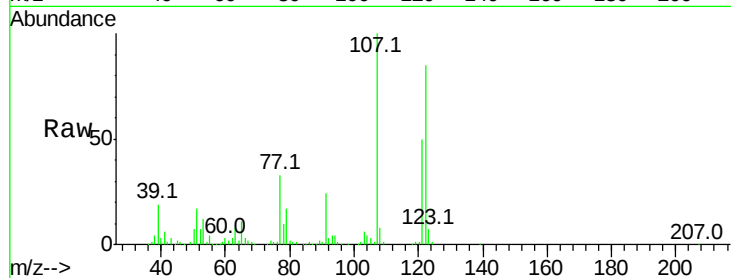
ClientSampleId :

PB90651BS

Tot Ion:	122	Resp:	307167
Ion Ratio	Lower	Upper	
122	100		
107	117.9	82.0	123.0
121	58.5	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 32.37 ng

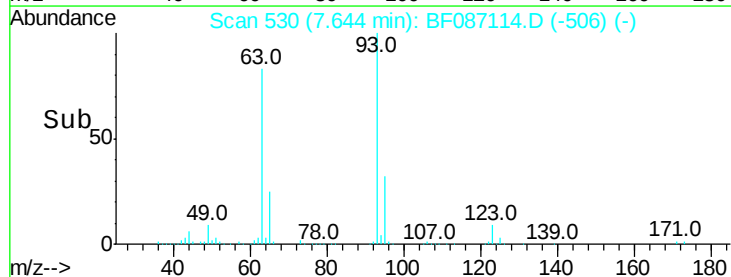
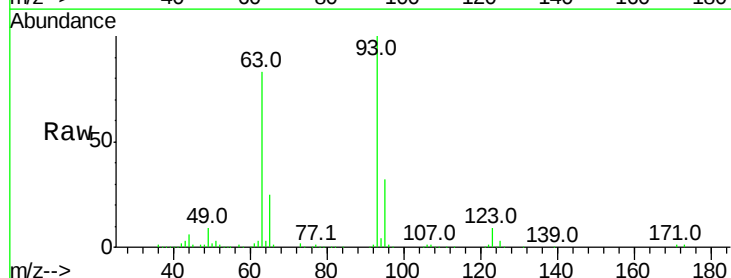
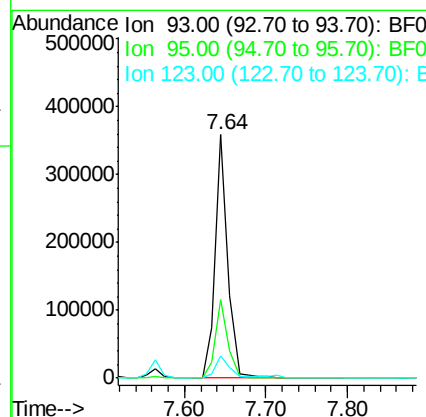
RT: 7.64 min Scan# 530

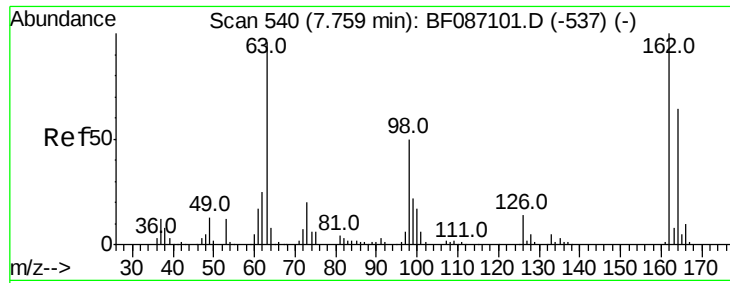
Delta R.T. -0.02 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Tgt Ion:	93	Resp:	393720
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.0	39.0
123	9.3	9.5	14.3#





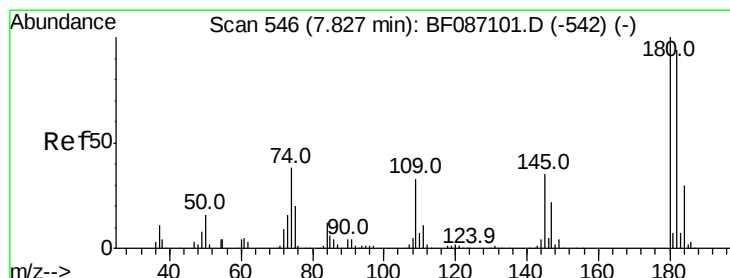
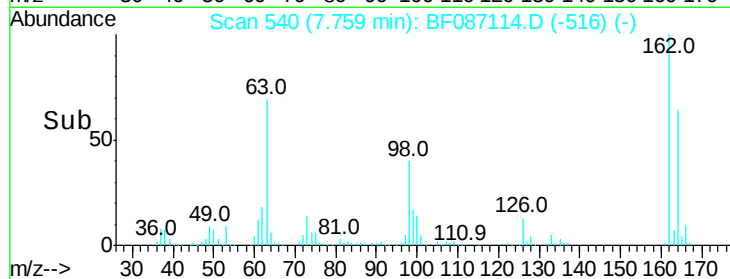
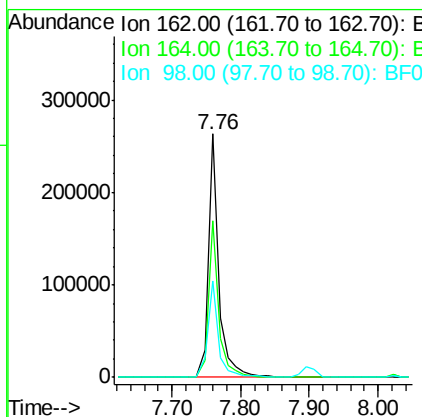
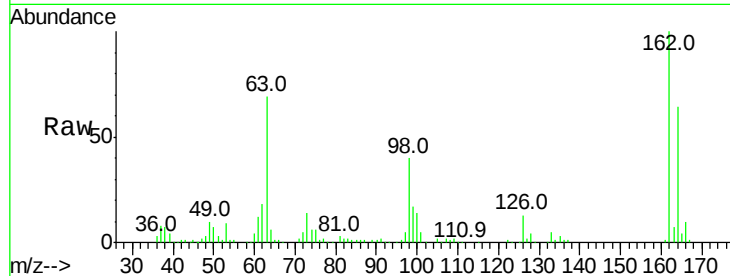
#29
 2,4-Dichlorophenol
 Concen: 33.76 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: BF087114.D
 Acq: 17 May 2016 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90651BS

Tot Ion:	162	Resp:	277892
Ion Ratio	Lower	Upper	
162	100		
164	64.4	42.2	82.2
98	39.8	19.0	59.0

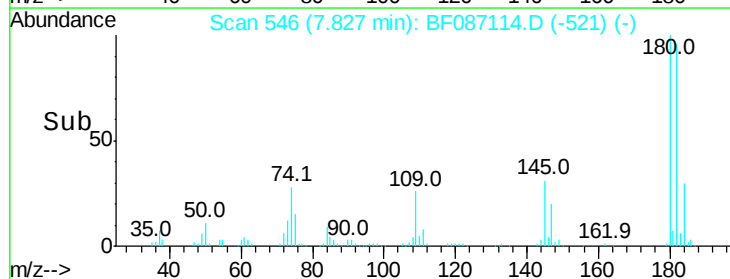
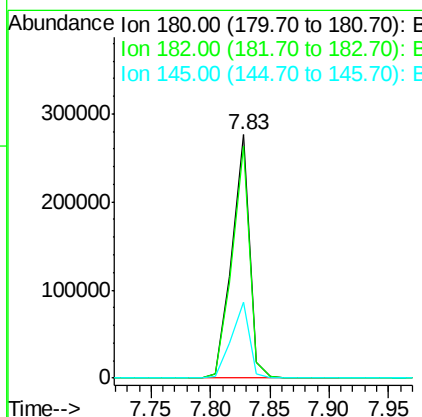
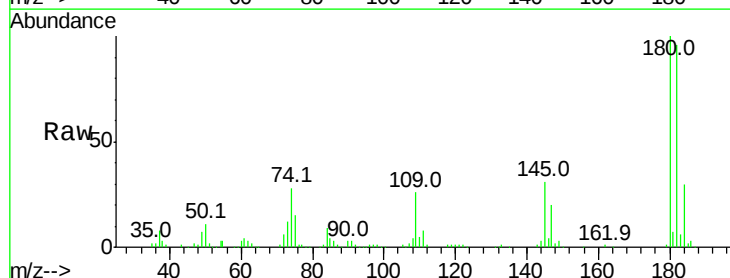
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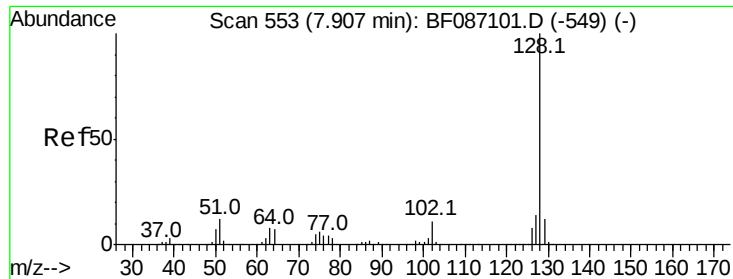
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#30
 1,2,4-Trichlorobenzene
 Concen: 31.51 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF087114.D
 Acq: 17 May 2016 21:00

Tgt Ion:	180	Resp:	287782
Ion Ratio	Lower	Upper	
180	100		
182	95.6	78.0	117.0
145	31.4	24.2	36.2





#31

Naphthalene

Concen: 31.78 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Instrument :

BNA_F

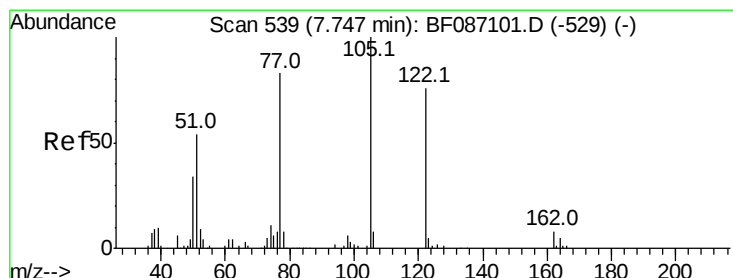
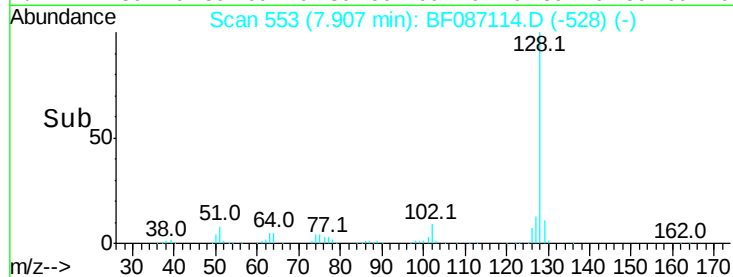
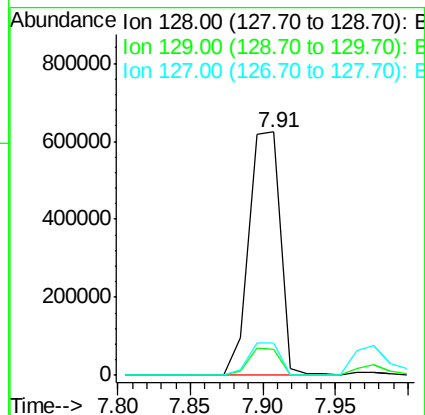
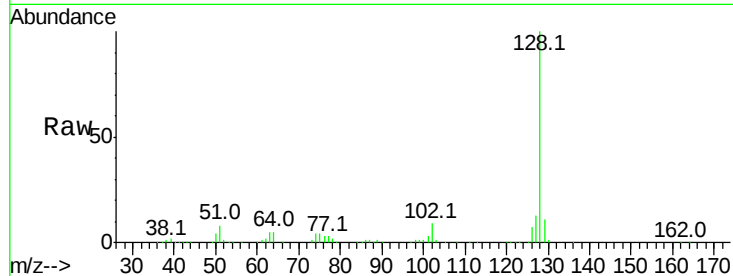
ClientSampleId :

PB90651BS

Tot Ion:128	Resp:	936694
Ion Ratio	Lower	Upper
128 100		
129 10.7	8.6	13.0
127 13.3	10.8	16.2

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#32

Benzoic acid

Concen: 25.28 ng

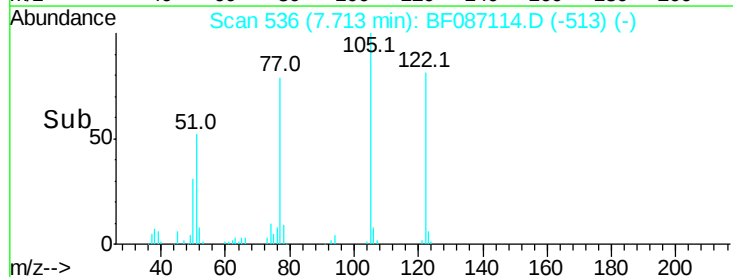
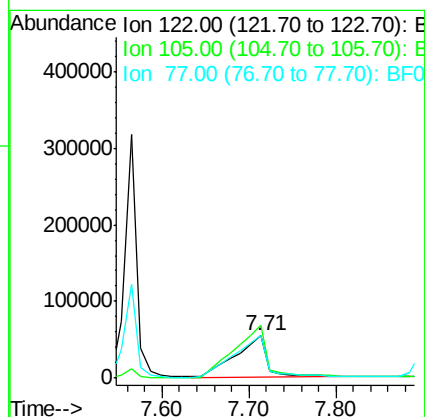
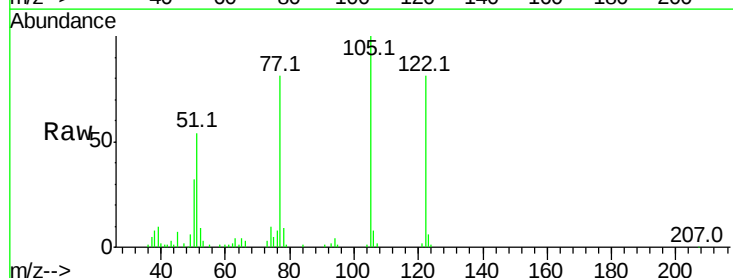
RT: 7.71 min Scan# 536

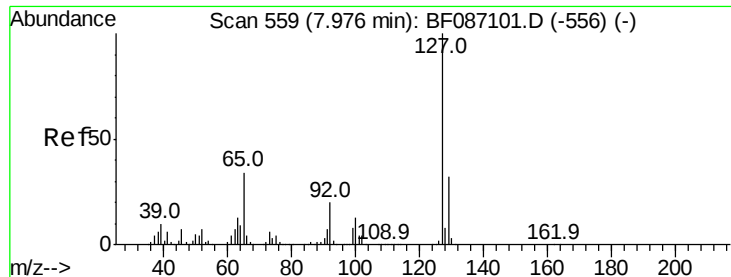
Delta R.T. -0.03 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Tgt Ion:122	Resp:	140753
Ion Ratio	Lower	Upper
122 100		
105 124.0	92.6	132.6
77 100.1	60.0	100.0#





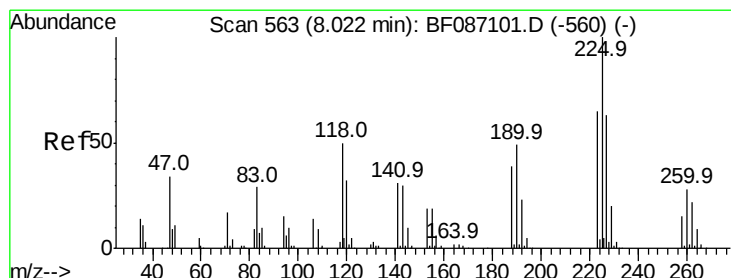
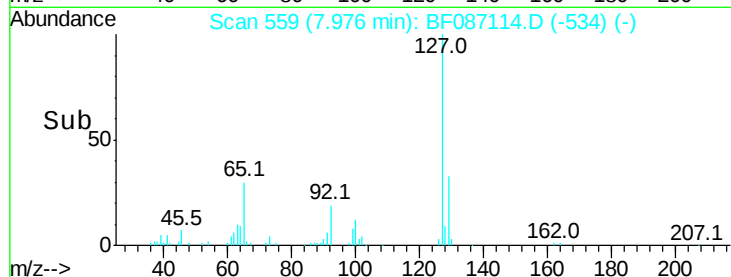
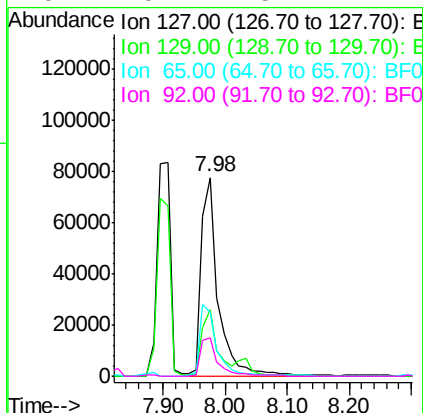
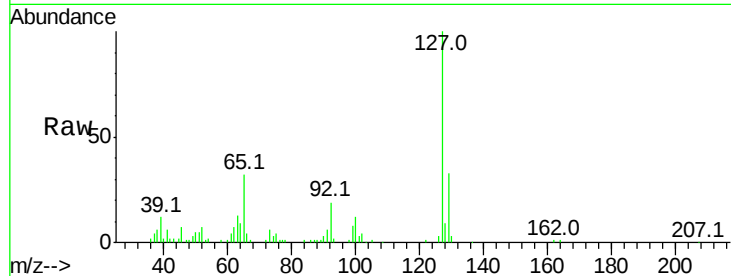
#33
 4-Chloroaniline
 Concen: 12.15 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF087114.D
 Acq: 17 May 2016 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90651BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.4	26.2	39.4		
65	32.3	23.0	34.4		
92	19.4	15.1	22.7		

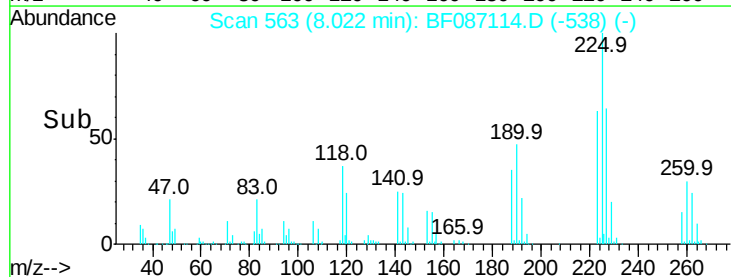
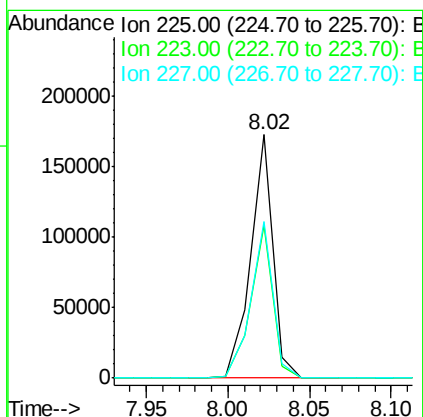
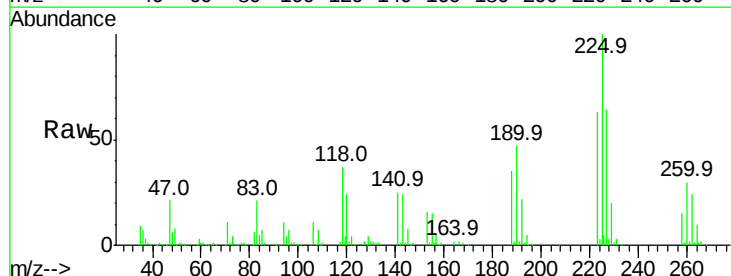
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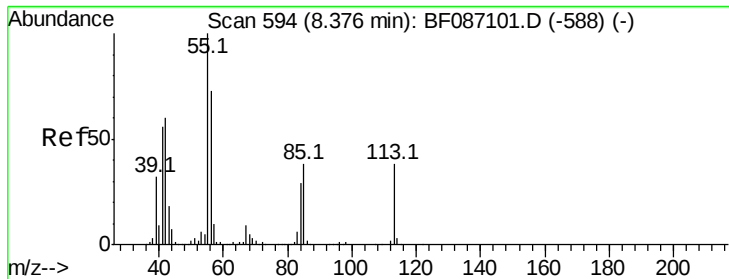
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#34
 Hexachlorobutadiene
 Concen: 31.49 ng
 RT: 8.02 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: BF087114.D
 Acq: 17 May 2016 21:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	51.5	77.3		
227	64.1	52.2	78.2		





#35

Caprolactam

Concen: 32.92 ng/ml

RT: 8.34 min Scan# 591

Delta R.T. -0.05 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Instrument :

BNA_F

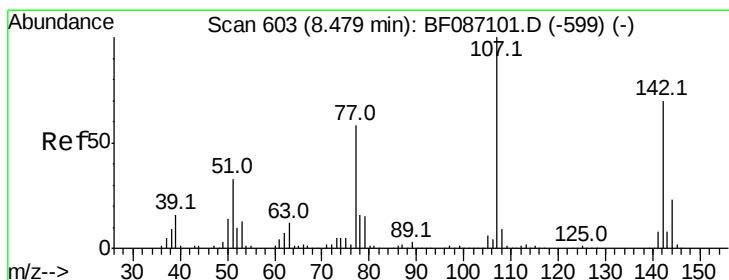
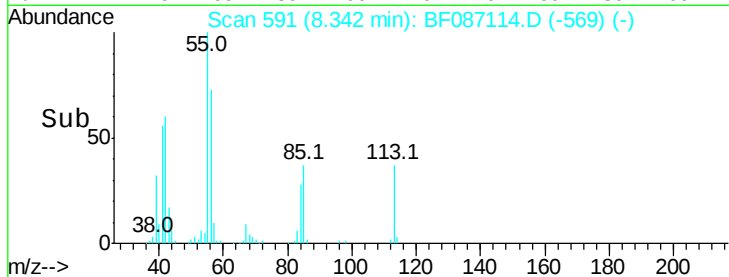
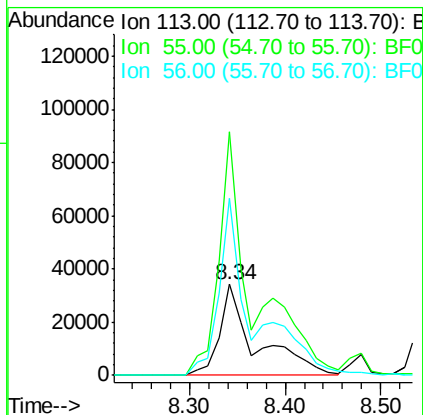
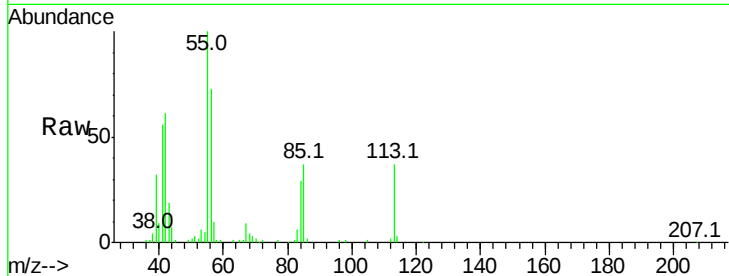
ClientSampleId :

PB90651BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	267.8	162.0	202.0#
56	195.3	115.3	155.3#

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#36

4-Chloro-3-methylphenol

Concen: 32.43 ng/ml

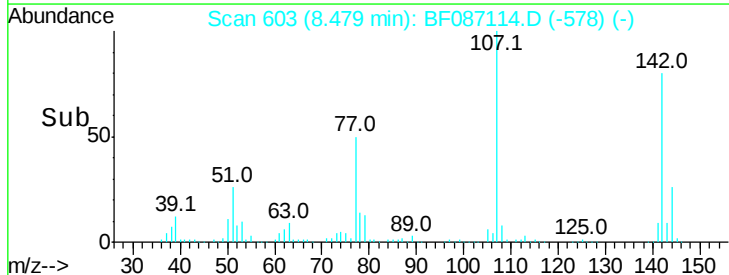
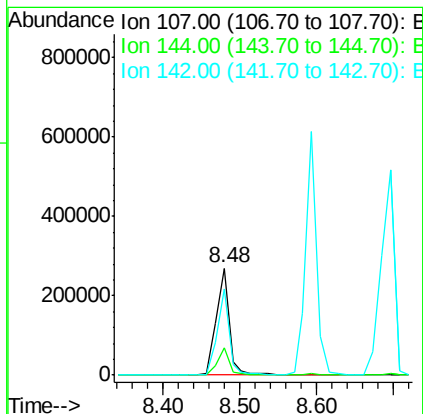
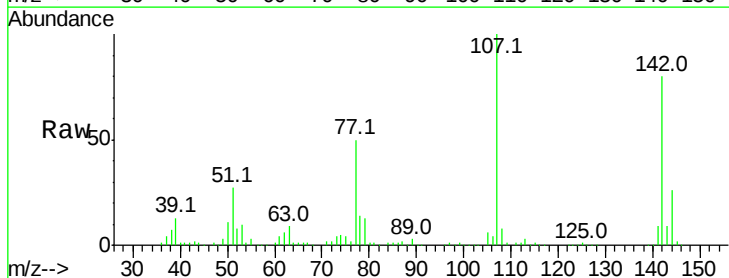
RT: 8.48 min Scan# 603

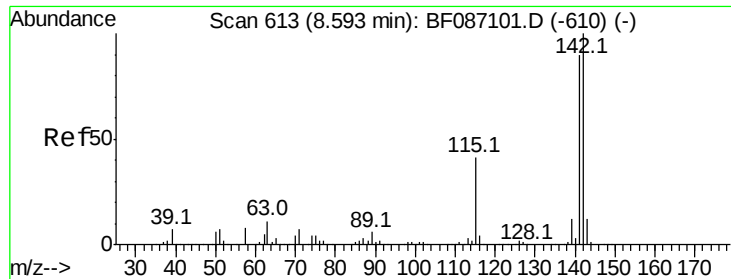
Delta R.T. -0.01 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.7	31.1
142	80.3	63.2	94.8





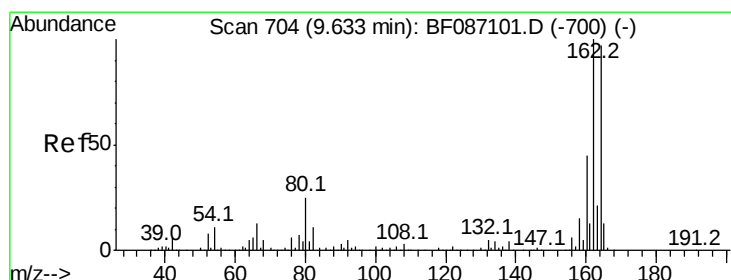
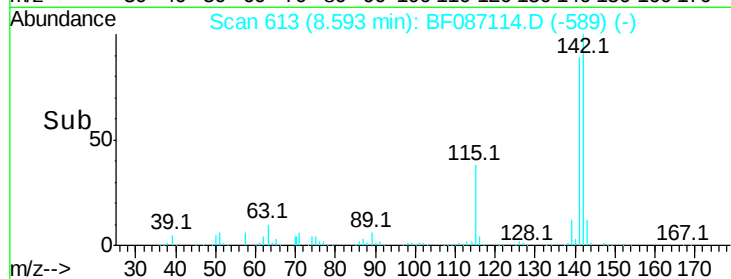
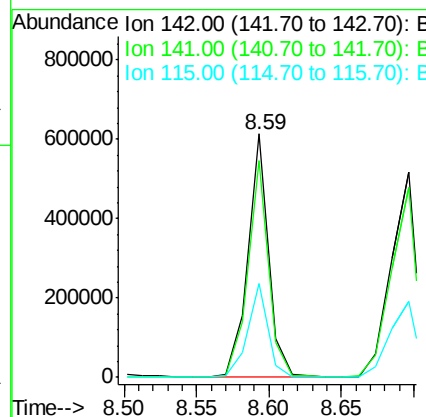
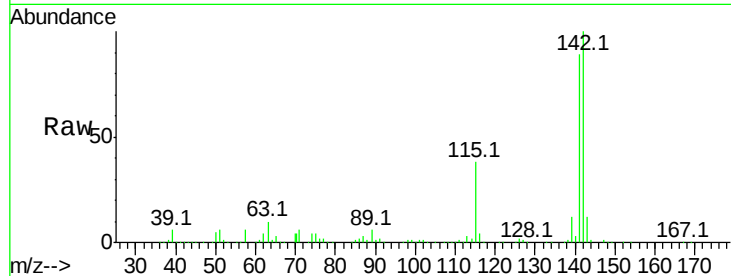
#37
 2-Methylnaphthalene
 Concen: 32.12 ng
 RT: 8.59 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF087114.D
 Acq: 17 May 2016 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90651BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	605420		
141	89.0		71.0	106.6
115	38.4		26.6	39.8

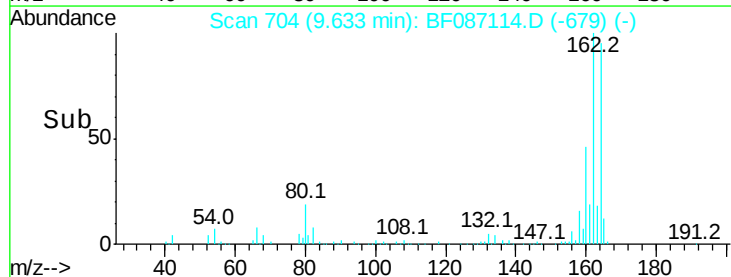
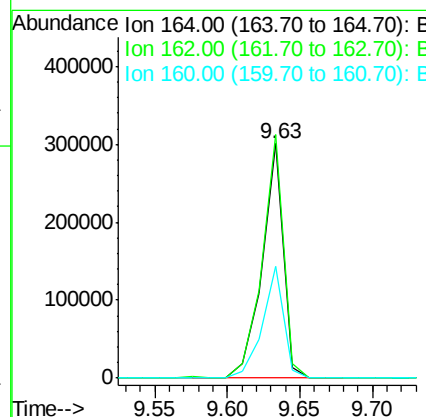
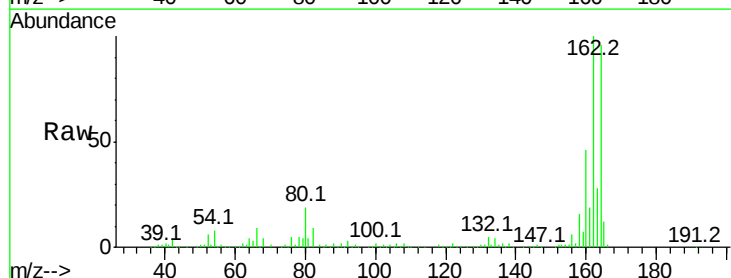
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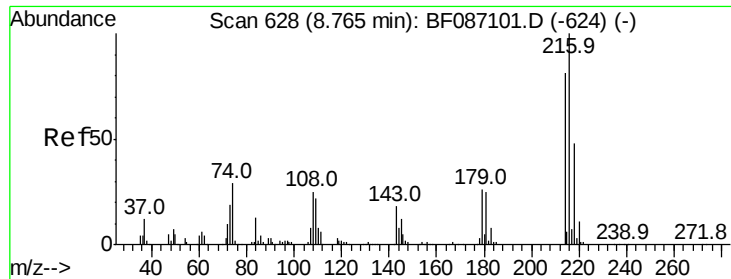
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF087114.D
 Acq: 17 May 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	303171		
162	104.0		82.8	124.2
160	47.6		36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.50 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Instrument :

BNA_F

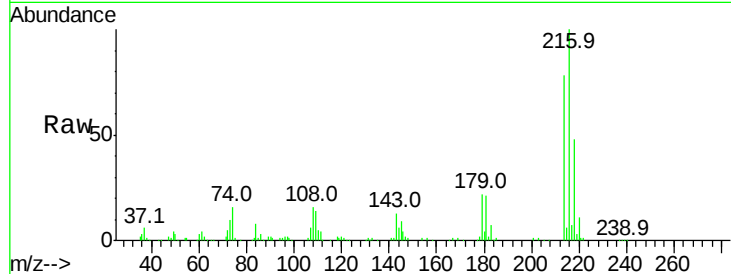
ClientSampleId :

PB90651BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	270079		
214	79.3		62.6	93.8
179	23.2		18.2	27.4
108	24.6		17.5	26.3

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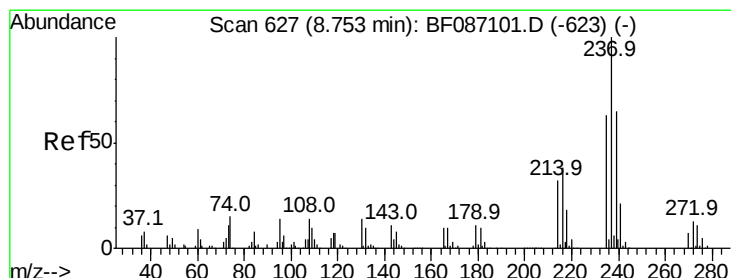
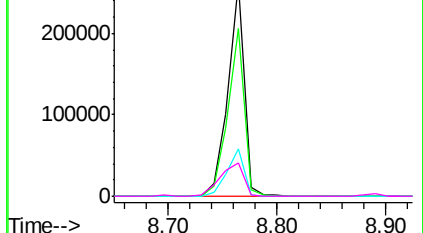
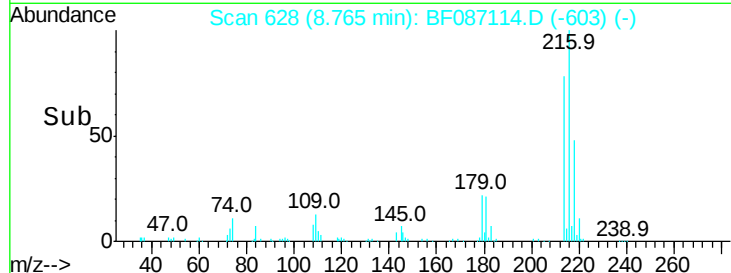


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 57.92 ng

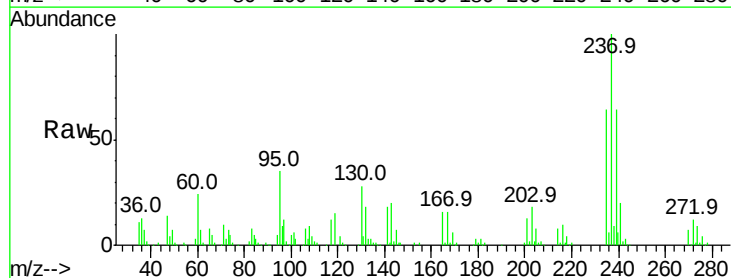
RT: 8.74 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

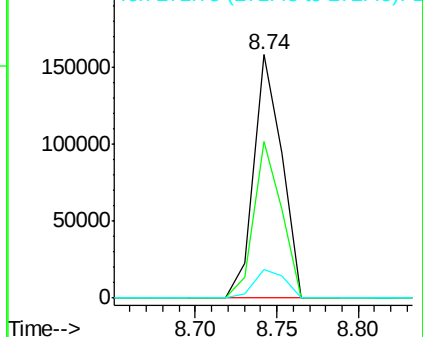
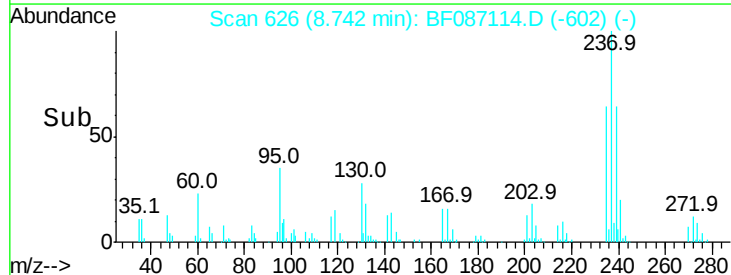
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	189849		
235	64.2		47.2	87.2
272	11.6		0.0	31.1

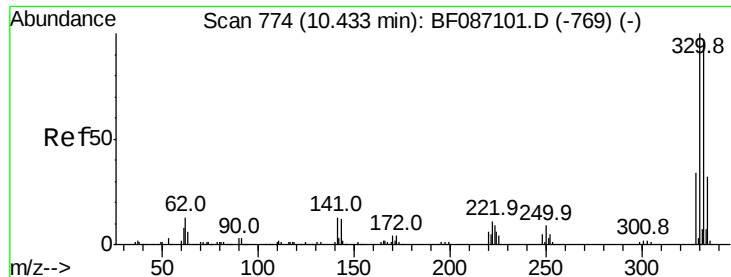


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





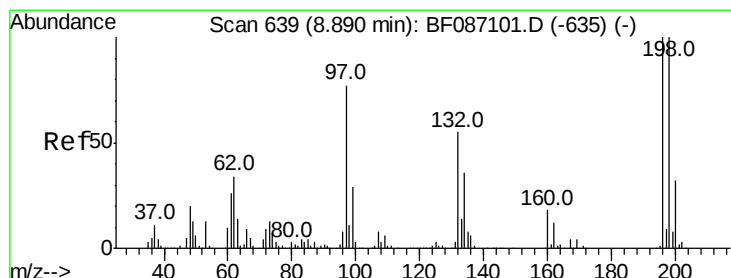
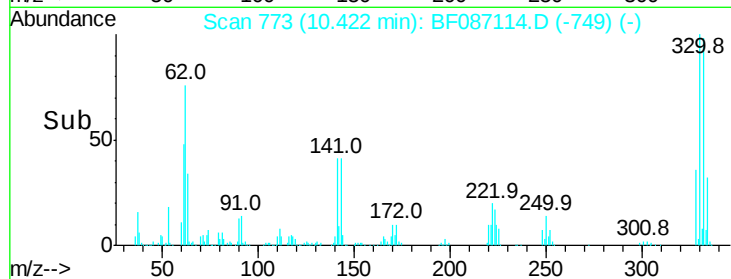
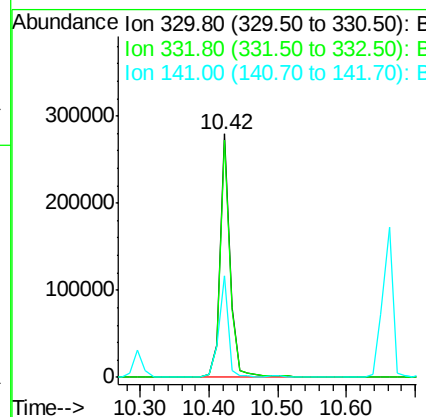
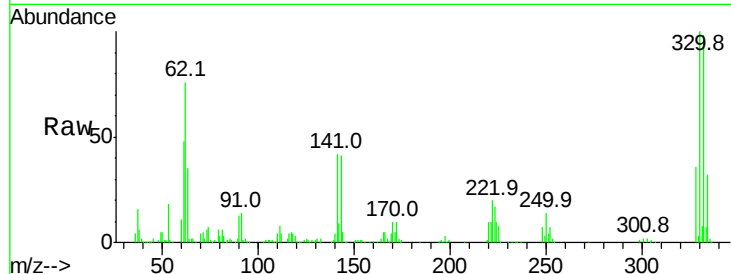
#41
 2,4,6-Tribromophenol
 Concen: 87.92 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF087114.D
 Acq: 17 May 2016 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90651BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	294539		
332	98.0	79.0	118.4	
141	39.7	31.2	46.8	

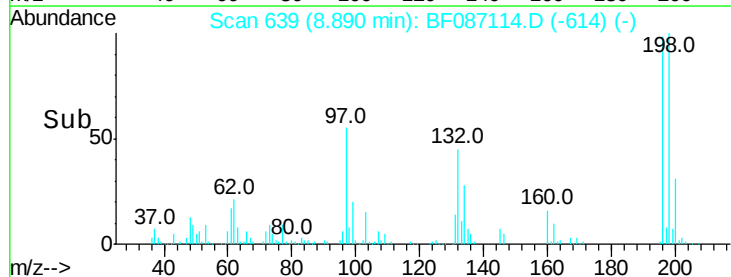
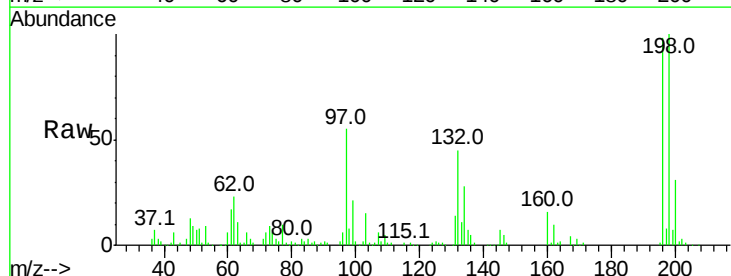
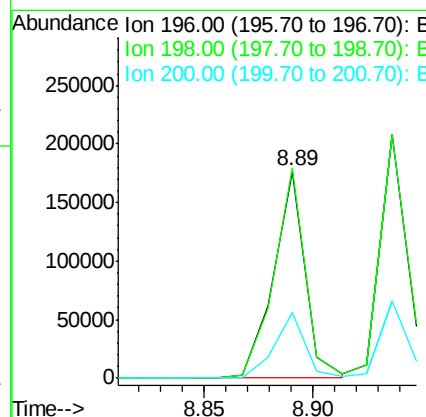
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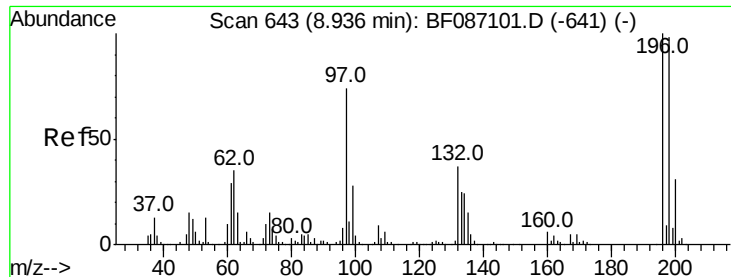
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#42
 2,4,6-Trichlorophenol
 Concen: 31.38 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF087114.D
 Acq: 17 May 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180176		
198	101.7	74.7	112.1	
200	32.0	23.8	35.6	





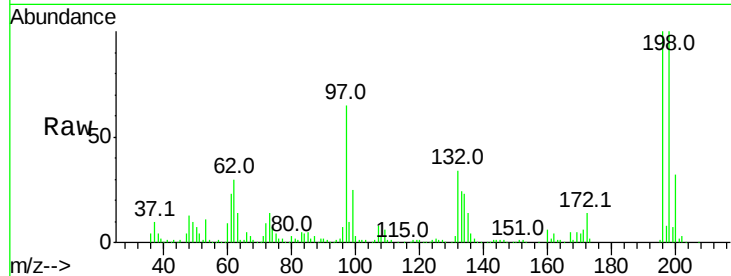
#43
 2,4,5-Trichlorophenol
 Concen: 32.93 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF087114.D
 Acq: 17 May 2016 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90651BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100				
198	100.0	77.5	116.3		
97	65.2	34.8	52.2		
132	34.0	23.0	34.4		

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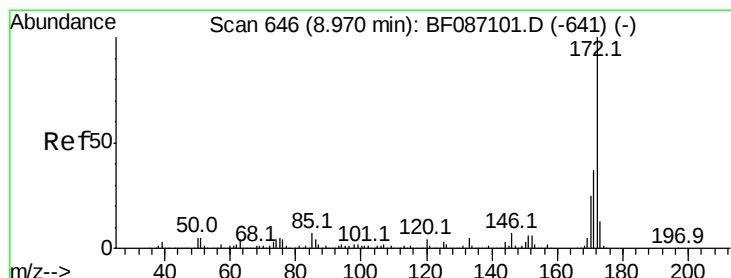
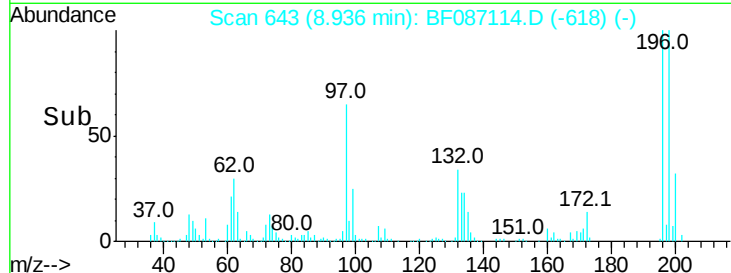
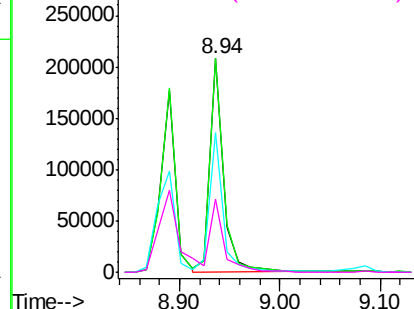
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

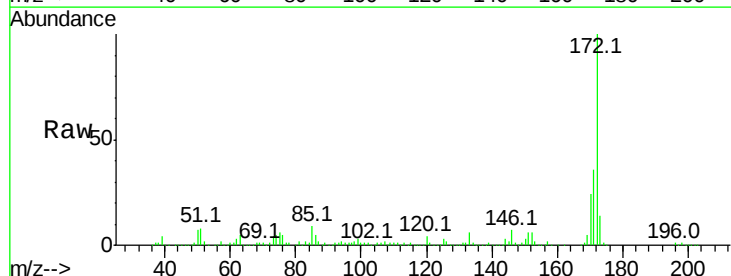
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 65.50 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.02 min
 Lab File: BF087114.D
 Acq: 17 May 2016 21:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100				
171	35.9	29.0	43.6		
170	24.3	19.8	29.8		

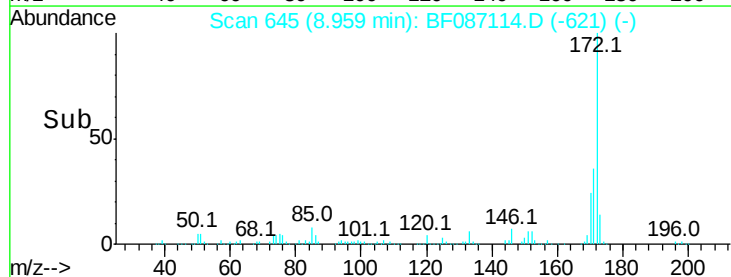
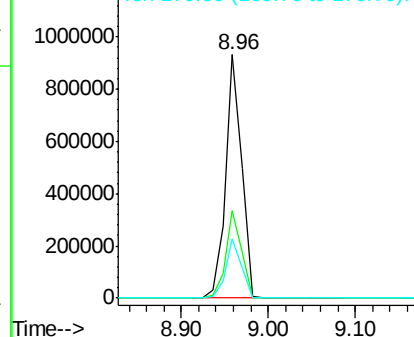


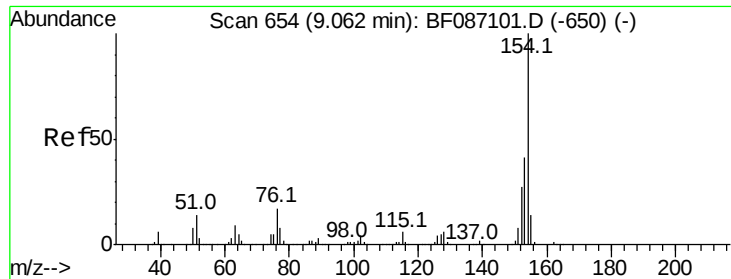
Abundance

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: 31.90 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Instrument :

BNA_F

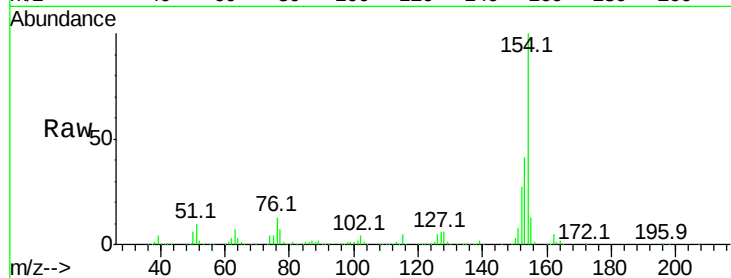
ClientSampled :

PB90651BS

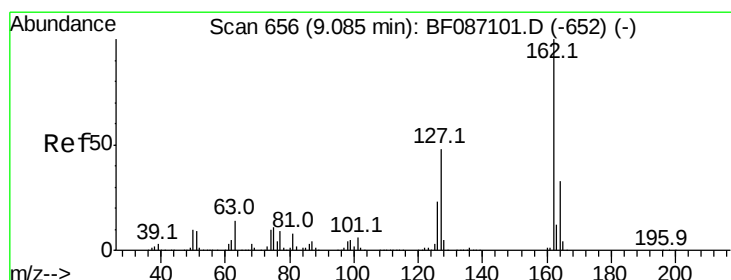
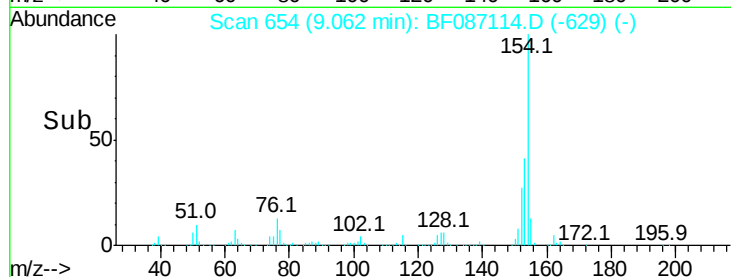
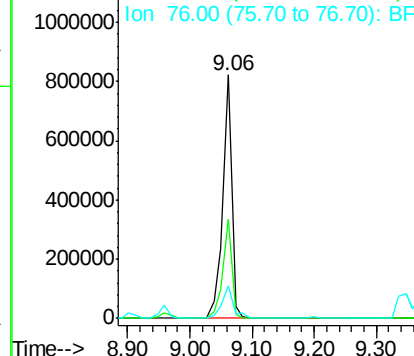
Tot Ion:	154	Resp:	801883
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.3	60.3
76	13.4	0.0	30.2

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



#46

2-Chloronaphthalene

Concen: 31.78 ng

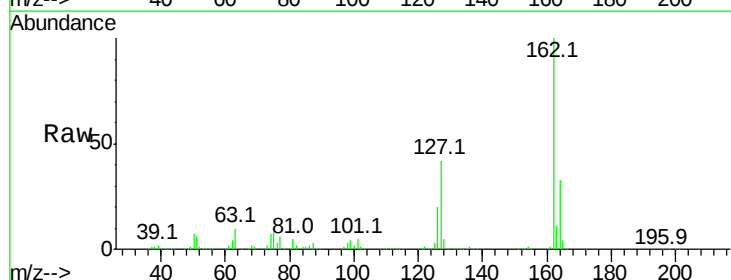
RT: 9.08 min Scan# 656

Delta R.T. -0.01 min

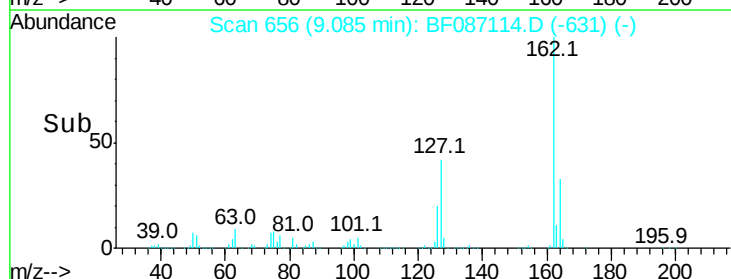
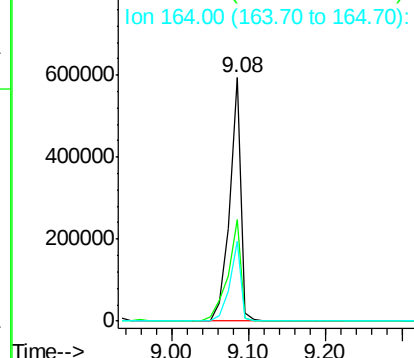
Lab File: BF087114.D

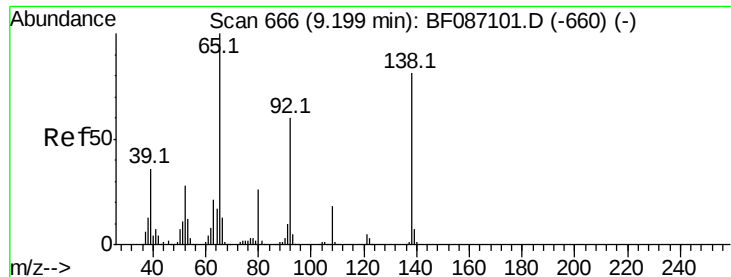
Acq: 17 May 2016 21:00

Tgt Ion:	162	Resp:	613358
Ion Ratio	Lower	Upper	
162	100		
127	41.8	31.8	47.6
164	32.8	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





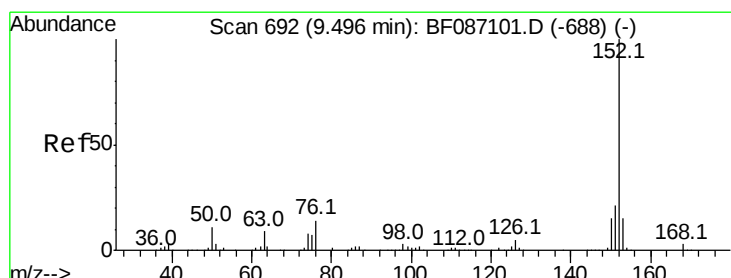
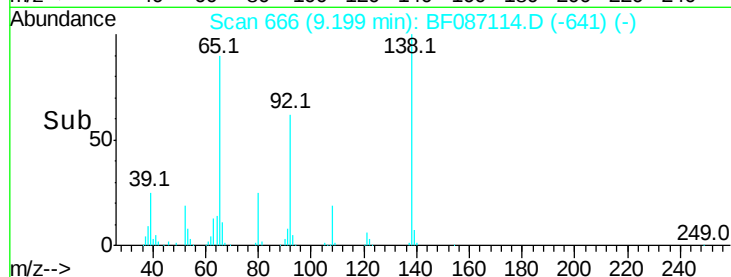
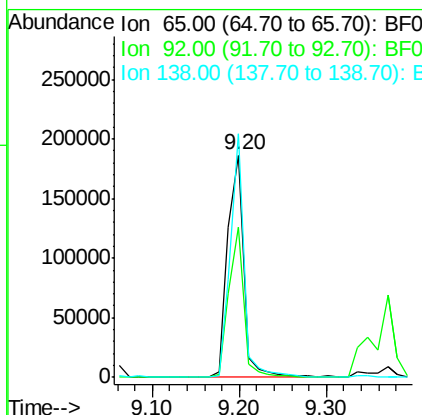
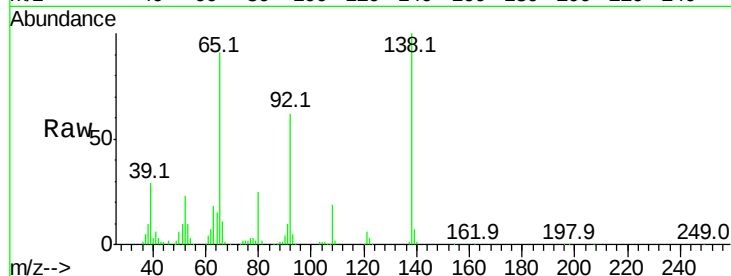
#47
2-Nitroaniline
Concen: 32.91 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF087114.D
Acq: 17 May 2016 21:00

Instrument :
BNA_F
ClientSampled :
PB90651BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.7	57.4	86.2
138	109.4	90.1	135.1

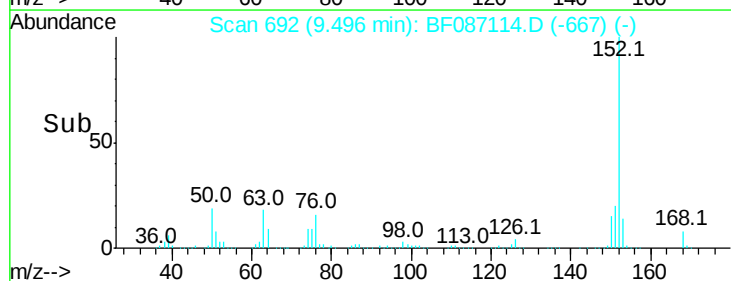
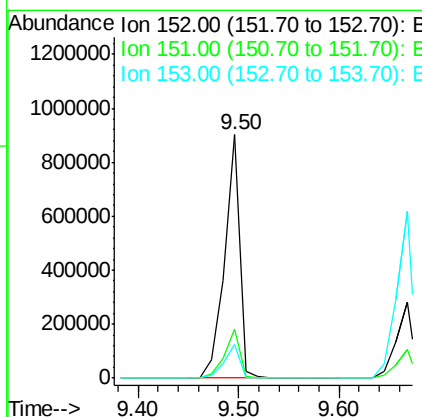
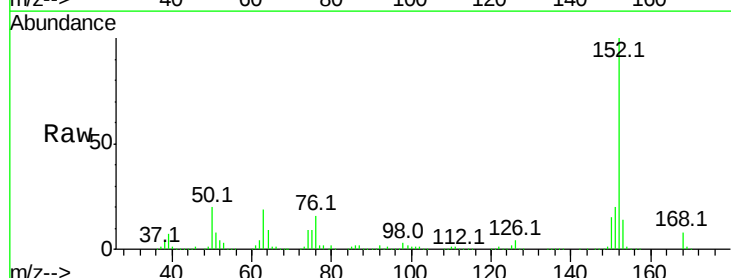
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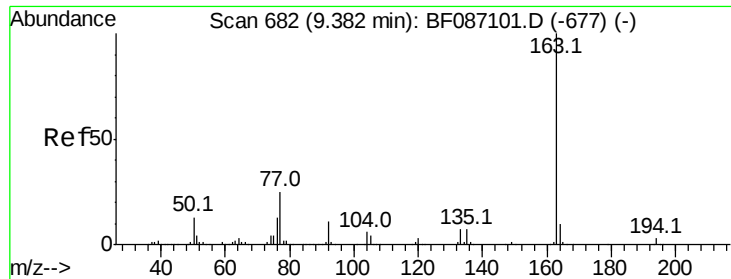
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#48
Acenaphthylene
Concen: 31.99 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF087114.D
Acq: 17 May 2016 21:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	13.8	10.9	16.3





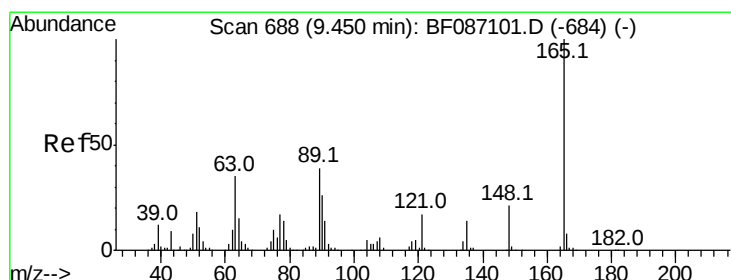
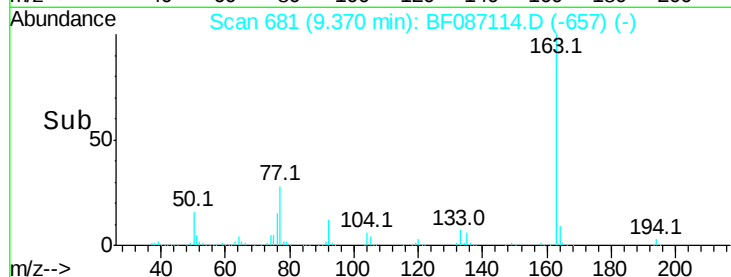
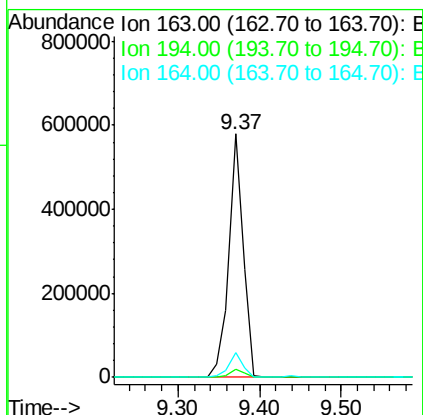
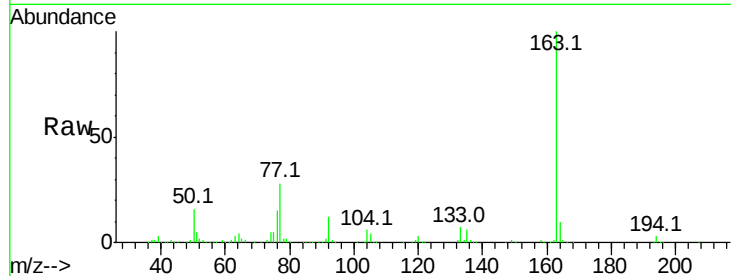
#49
Dimethylphthalate
Concen: 30.78 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF087114.D
Acq: 17 May 2016 21:00

Instrument :
BNA_F
ClientSampleId :
PB90651BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	711886		
194	3.1		2.6	4.0
164	10.3		8.2	12.4

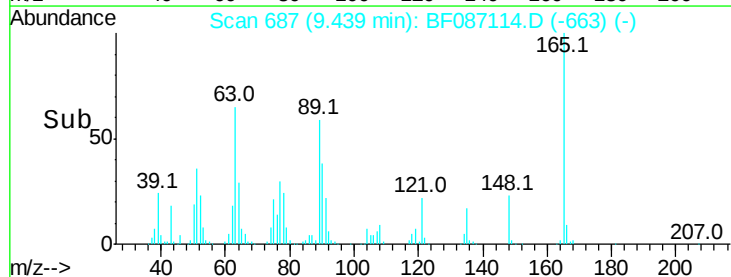
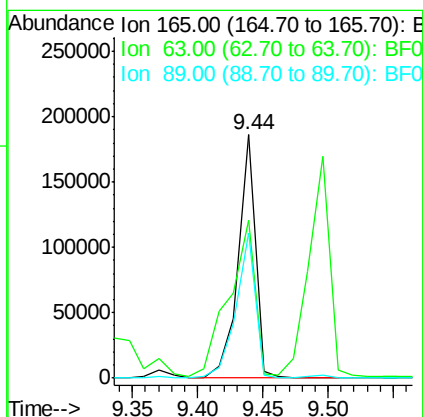
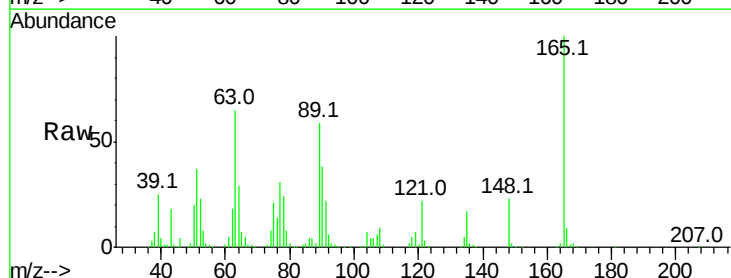
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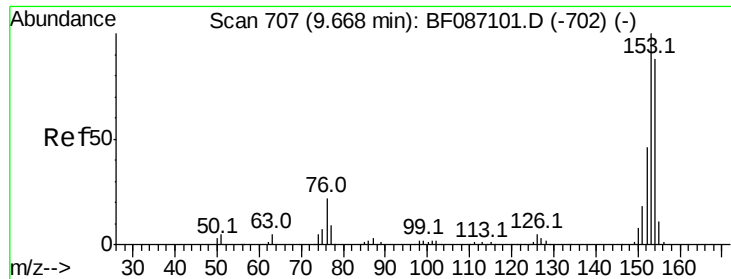
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#50
2,6-Dinitrotoluene
Concen: 33.85 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF087114.D
Acq: 17 May 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	169971		
63	64.9		51.8	77.8
89	59.3		50.7	76.1





#51

Acenaphthene

Concen: 32.14 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Instrument :

BNA_F

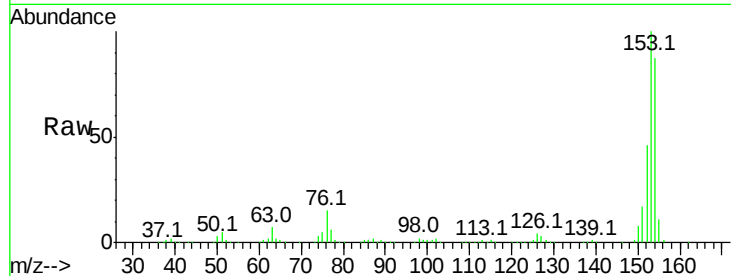
ClientSampleId :

PB90651BS

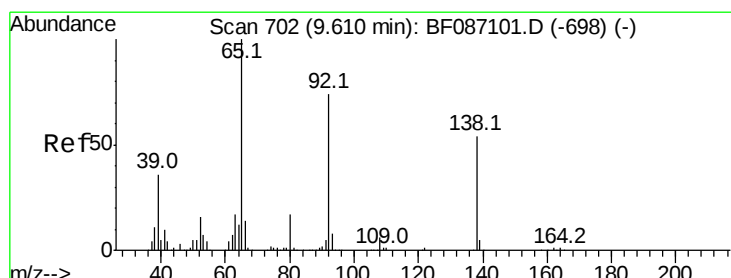
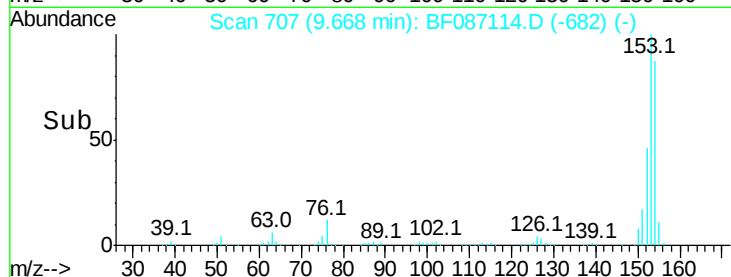
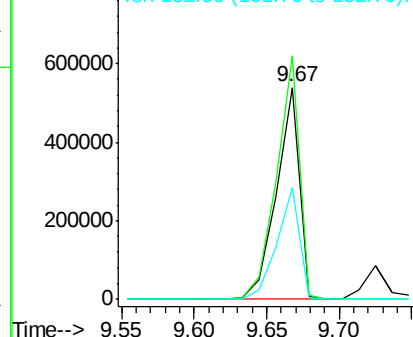
Tot Ion:	154	Resp:	591757
Ion Ratio	Lower	Upper	
154	100		
153	115.0	89.8	134.6
152	52.6	43.4	65.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.06 ng

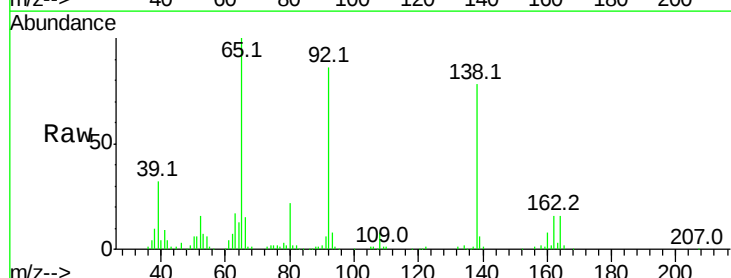
RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

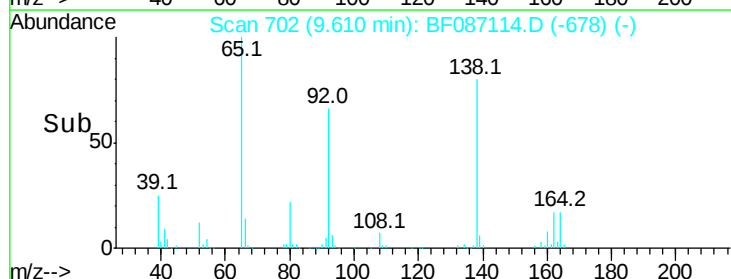
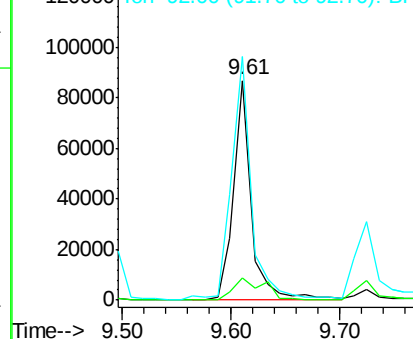
Lab File: BF087114.D

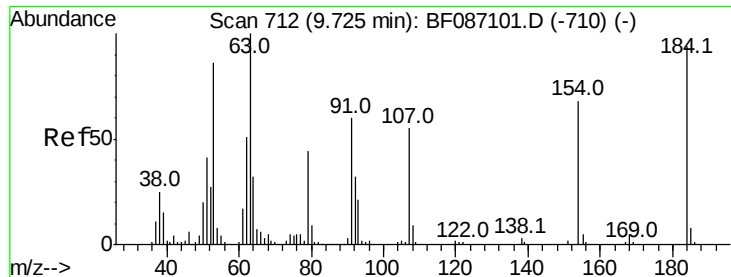
Acq: 17 May 2016 21:00

Tgt Ion:	138	Resp:	98156
Ion Ratio	Lower	Upper	
138	100		
108	10.3	7.8	11.6
92	110.9	87.8	131.8



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





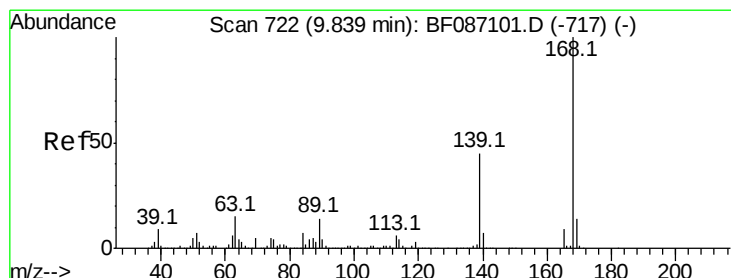
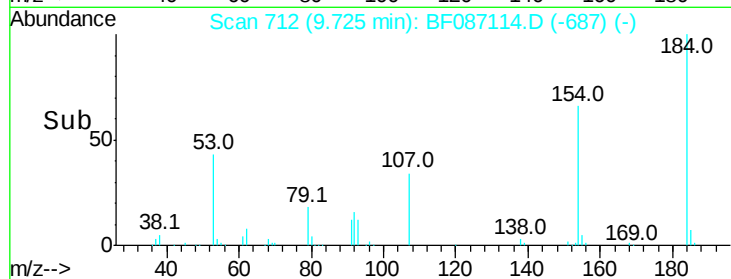
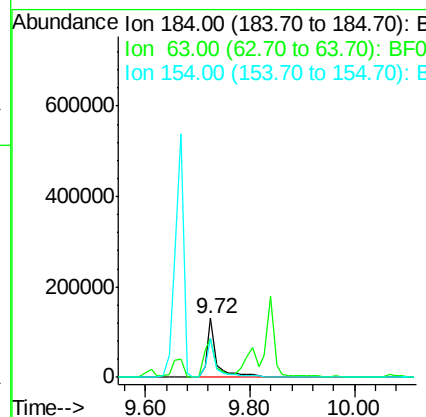
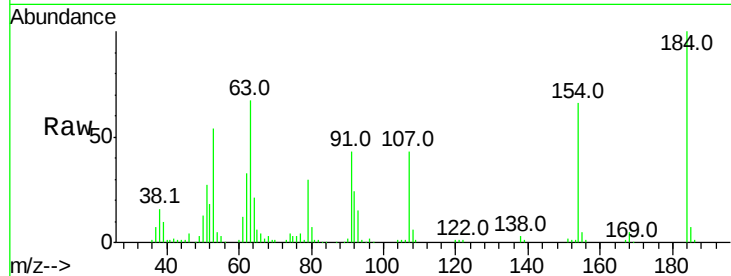
#53
 2,4-Dinitrophenol
 Concen: 60.67 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF087114.D
 Acq: 17 May 2016 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90651BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	171059		
63	66.8	55.8	83.8	
154	65.7	62.4	93.6	

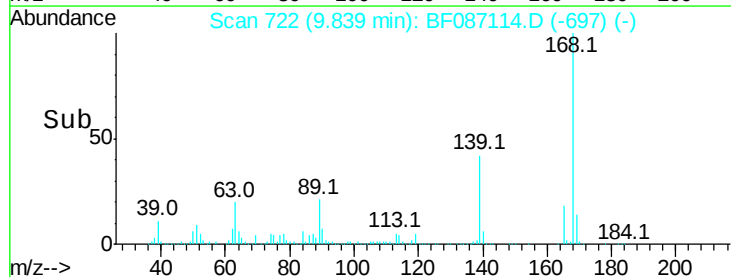
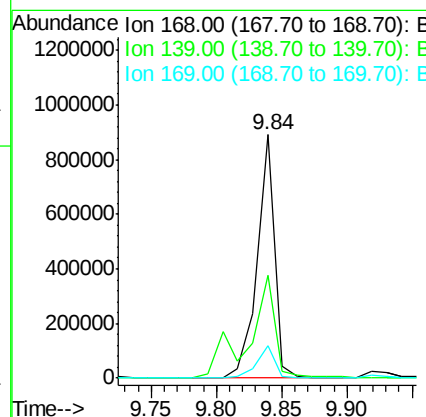
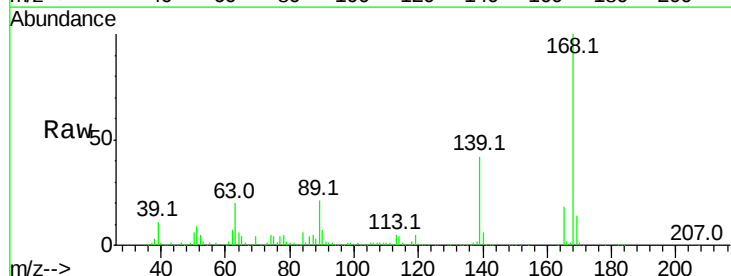
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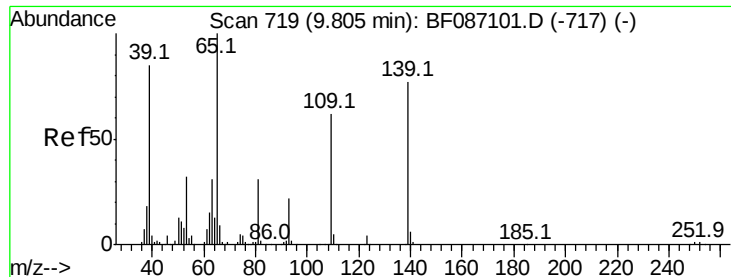
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#54
 Dibenzofuran
 Concen: 35.10 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF087114.D
 Acq: 17 May 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	835570		
139	42.3	31.4	47.0	
169	13.6	10.7	16.1	





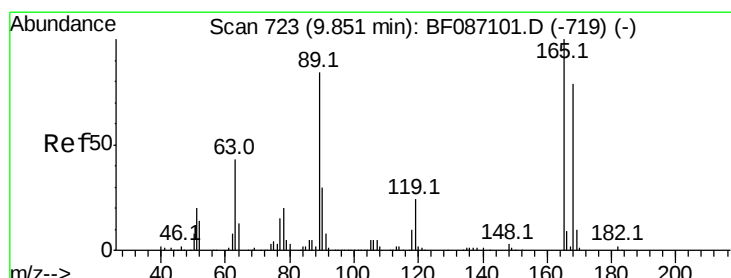
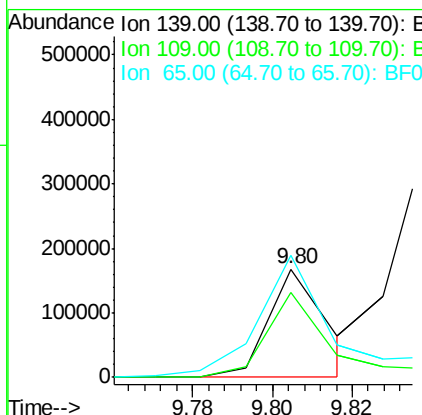
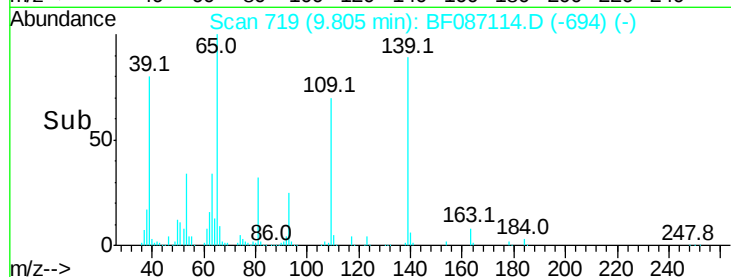
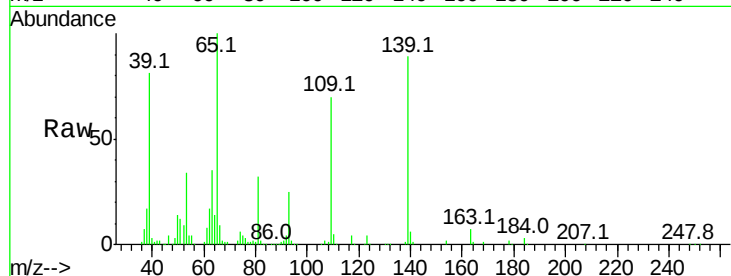
#55
4-Nitrophenol
Concen: 54.24 ng/ml
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF087114.D
Acq: 17 May 2016 21:00

Instrument :
BNA_F
ClientSampled :
PB90651BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	168993		
109	78.6	36.9	76.9#	
65	112.2	64.0	104.0#	

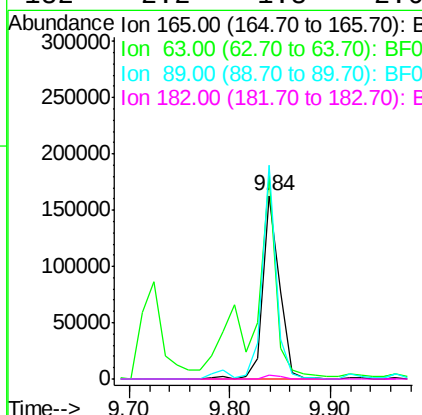
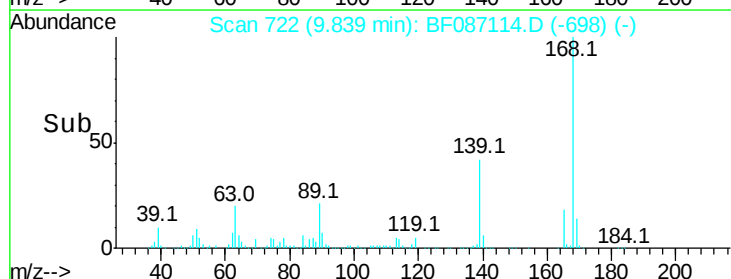
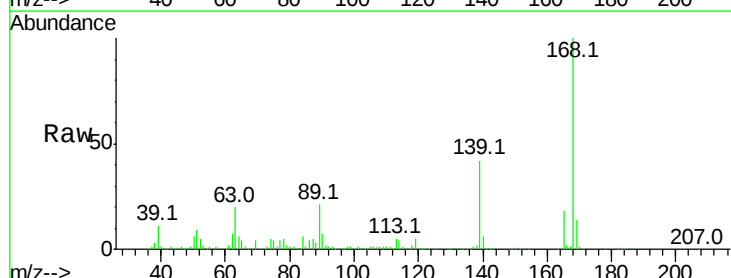
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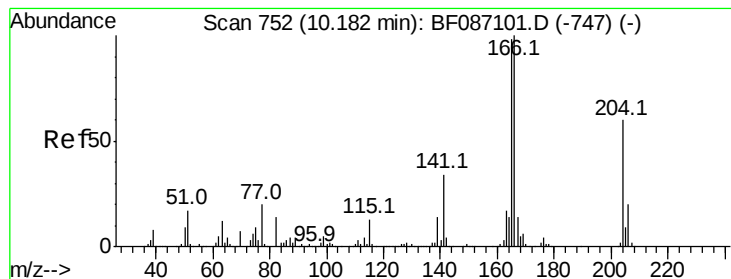
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#56
2,4-Dinitrotoluene
Concen: 29.12 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF087114.D
Acq: 17 May 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	187263		
63	110.9	44.3	66.5#	
89	116.7	70.0	105.0#	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 35.78 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Instrument :

BNA_F

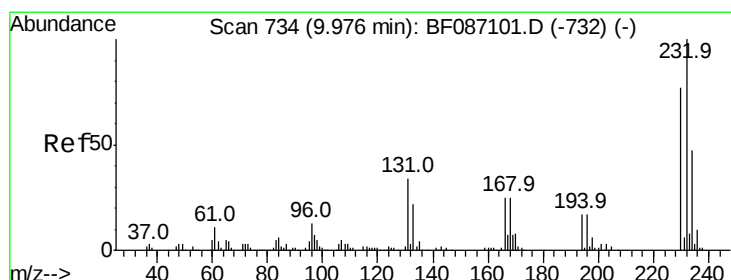
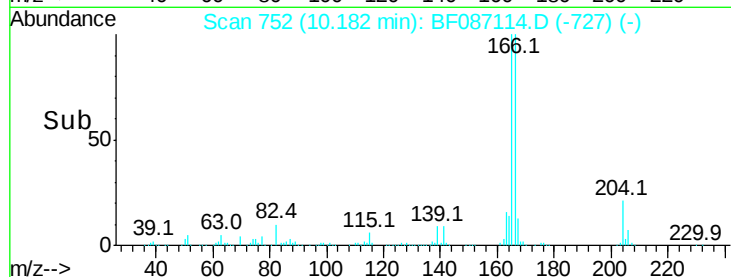
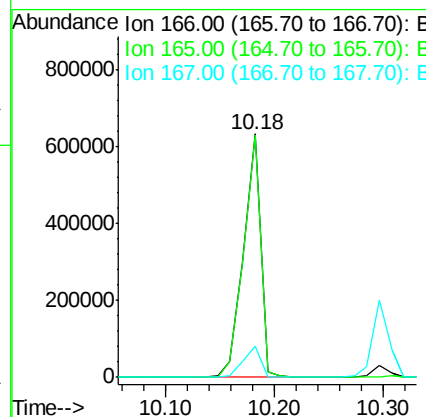
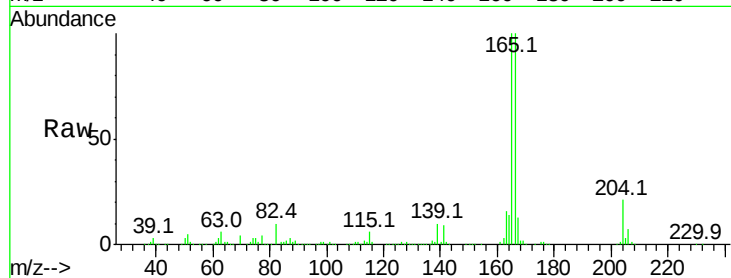
ClientSampleId :

PB90651BS

Tot Ion:	166	Resp:	684320
Ion Ratio	Lower	Upper	
166	100		
165	99.7	79.0	118.6
167	13.0	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 34.15 ng

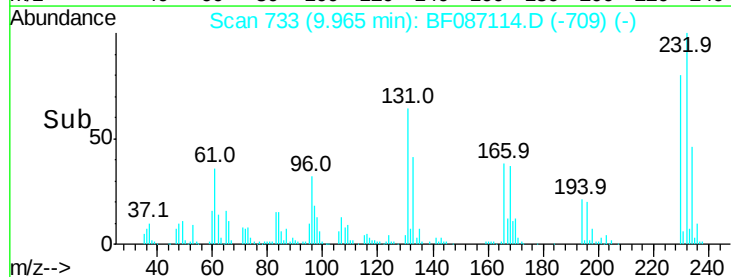
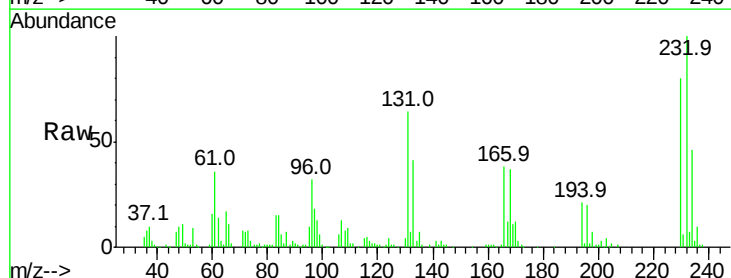
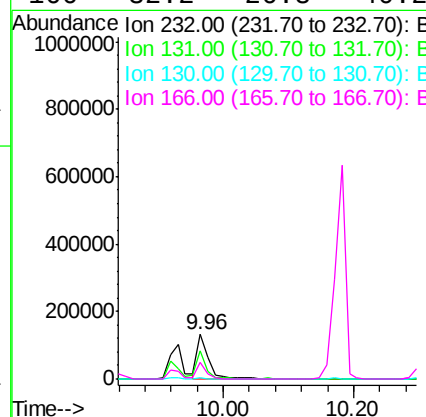
RT: 9.96 min Scan# 733

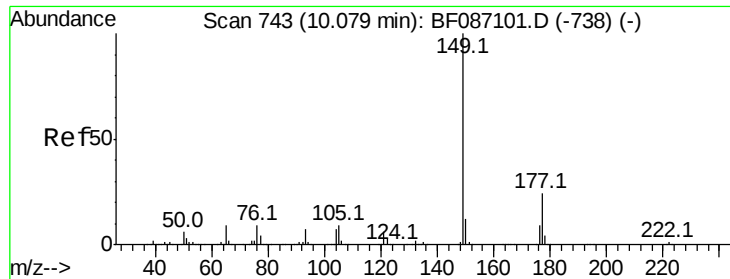
Delta R.T. -0.02 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Tgt Ion:	232	Resp:	158652
Ion Ratio	Lower	Upper	
232	100		
131	54.7	41.9	62.9
130	2.8	2.2	3.4
166	32.2	26.8	40.2





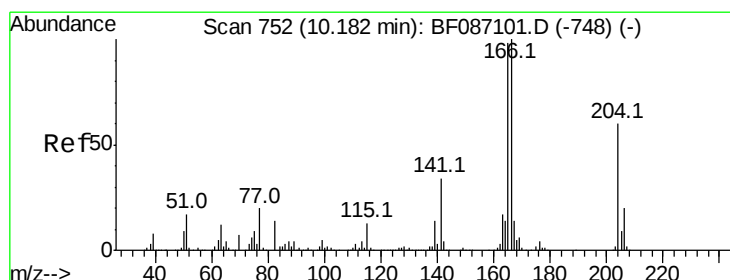
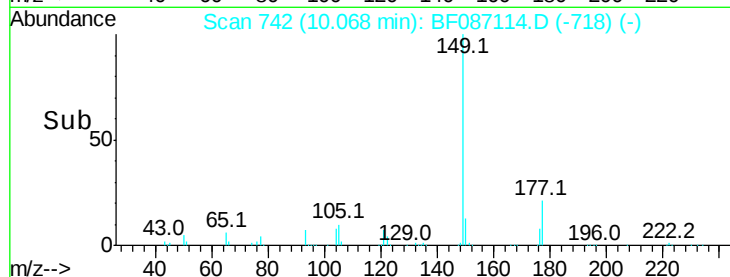
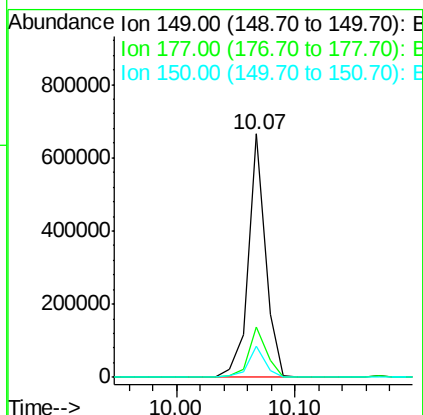
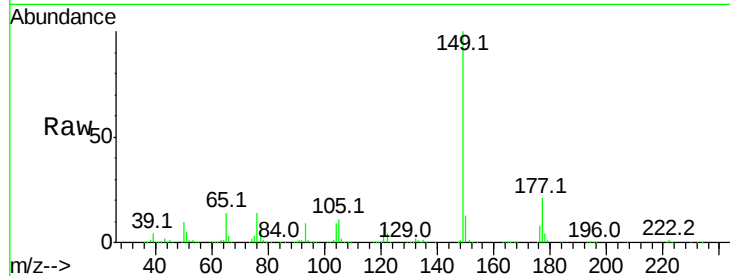
#59
Diethylphthalate
Concen: 30.61 ng
RT: 10.07 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF087114.D
Acq: 17 May 2016 21:00

Instrument :
BNA_F
ClientSampleId :
PB90651BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	675917		
177	20.8	16.6	24.8	
150	12.6	10.0	15.0	

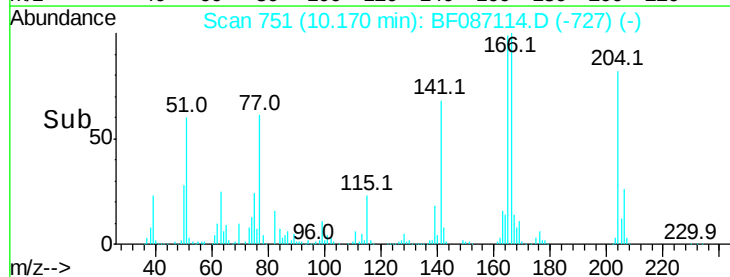
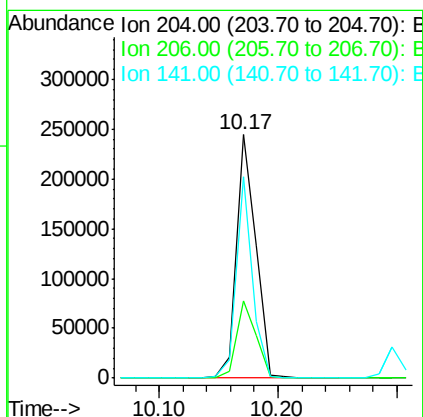
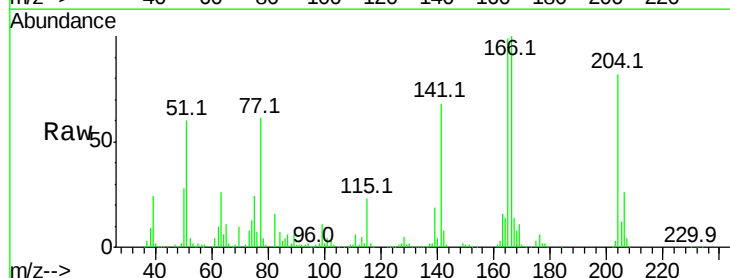
Manual Integrations
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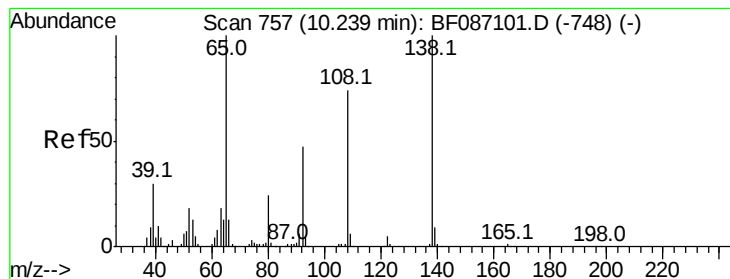
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#60
4-Chlorophenyl-phenylether
Concen: 30.61 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF087114.D
Acq: 17 May 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	277495		
206	31.8	25.4	38.0	
141	82.5	61.6	92.4	





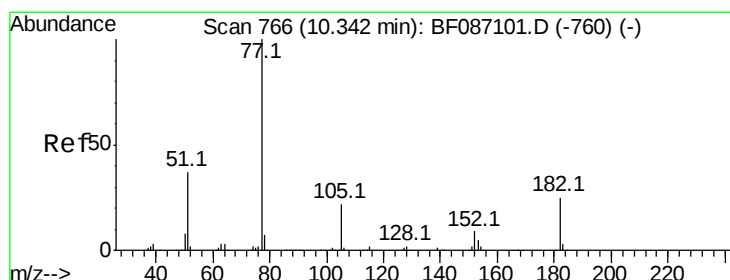
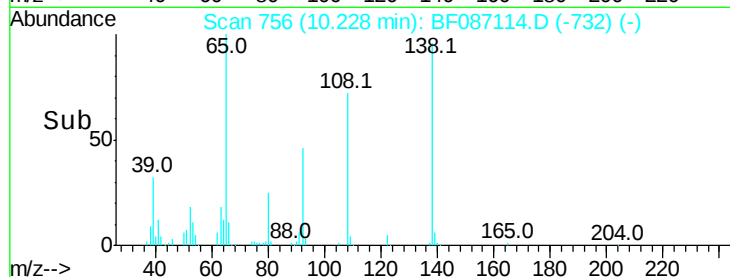
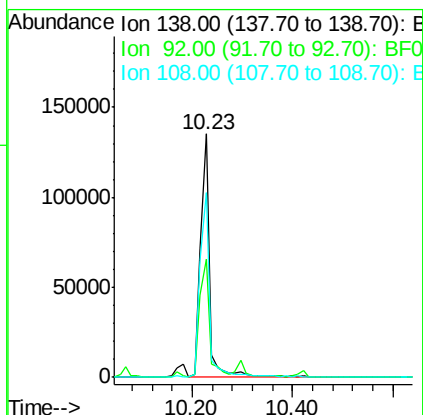
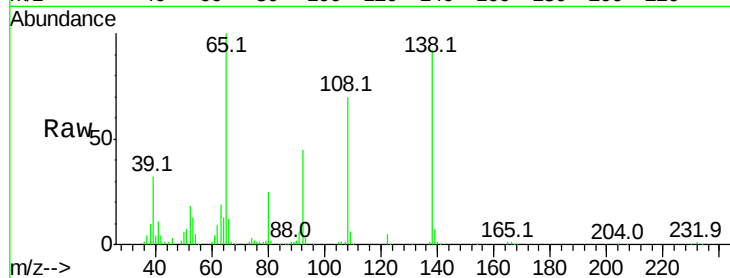
#61
4-Nitroaniline
Concen: 31.74 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF087114.D
Acq: 17 May 2016 21:00

Instrument :
BNA_F
ClientSampleId :
PB90651BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.8	24.7	64.7
108	76.0	37.4	77.4

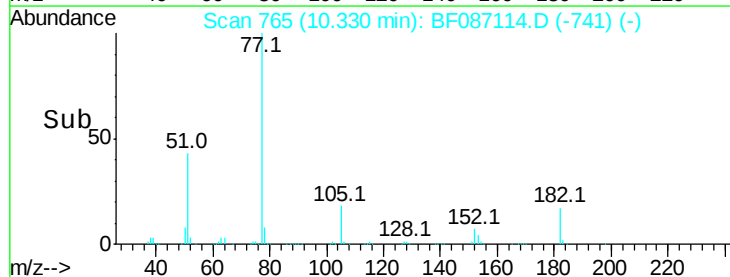
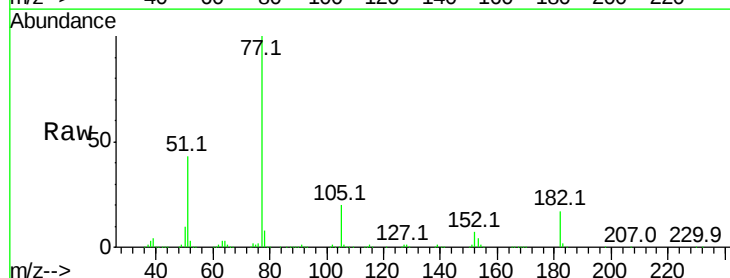
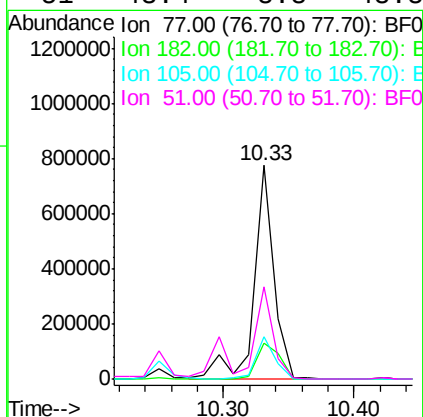
Manual Integrations
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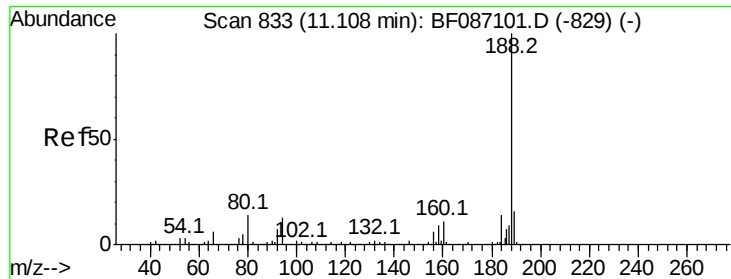
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#62
Azobenzene
Concen: 32.43 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF087114.D
Acq: 17 May 2016 21:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.8	0.0	38.8
105	19.7	3.2	43.2
51	43.4	8.8	48.8





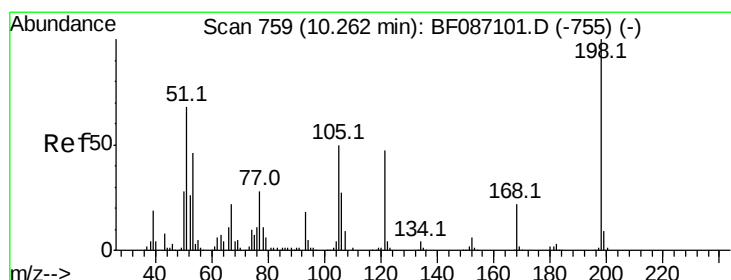
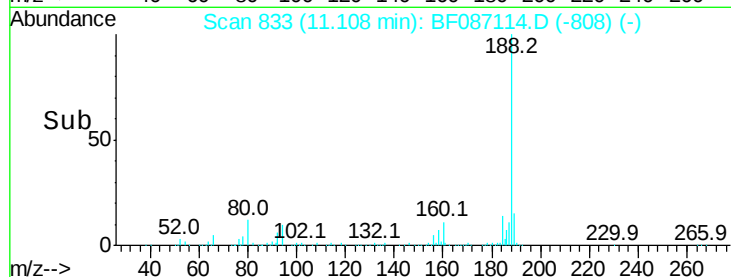
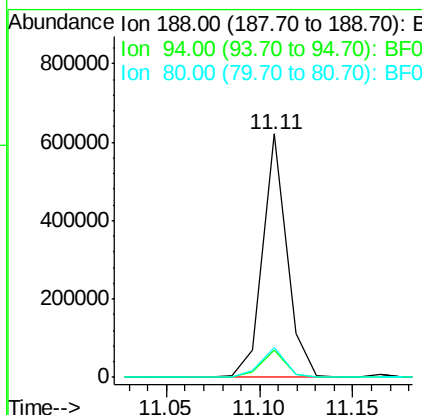
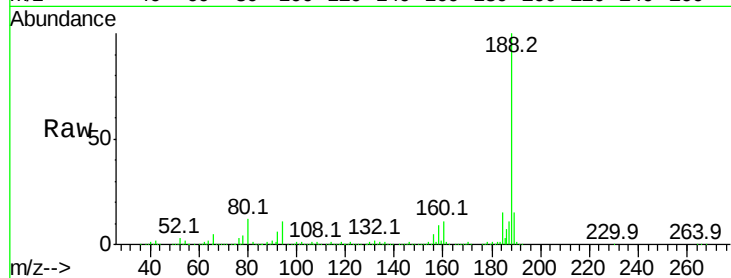
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF087114.D
Acq: 17 May 2016 21:00

Instrument :
BNA_F
ClientSampleId :
PB90651BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.2	6.8	10.2#
80	12.5	7.1	10.7#

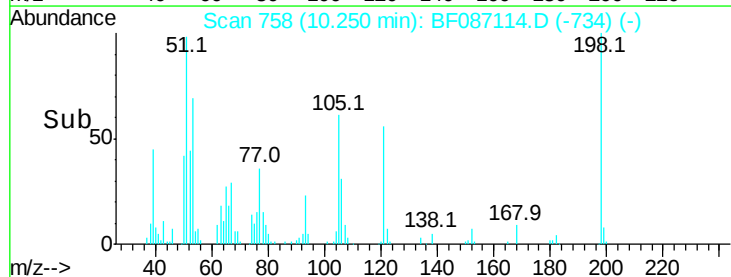
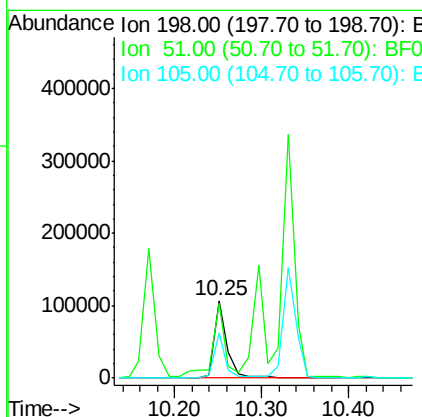
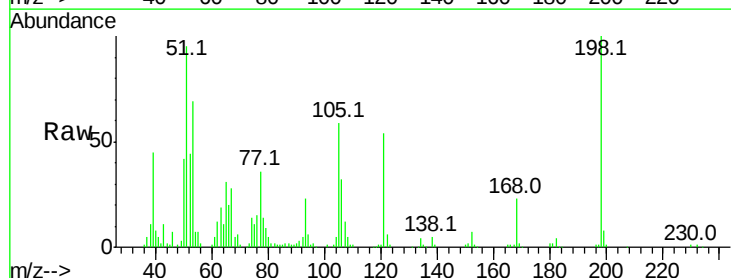
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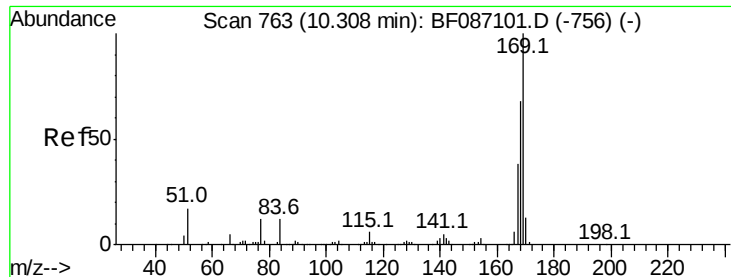
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#64
4,6-Dinitro-2-methylphenol
Concen: 30.52 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.02 min
Lab File: BF087114.D
Acq: 17 May 2016 21:00

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	95.4	20.5	60.5#
105	58.9	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 31.69 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Instrument :

BNA_F

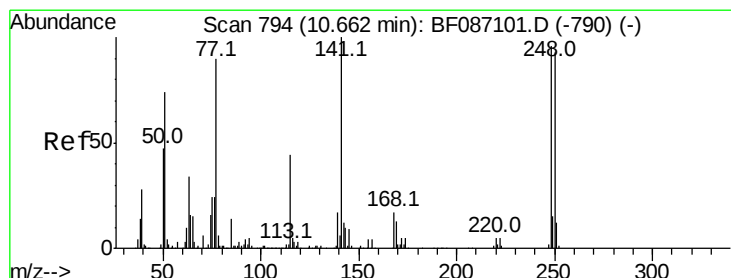
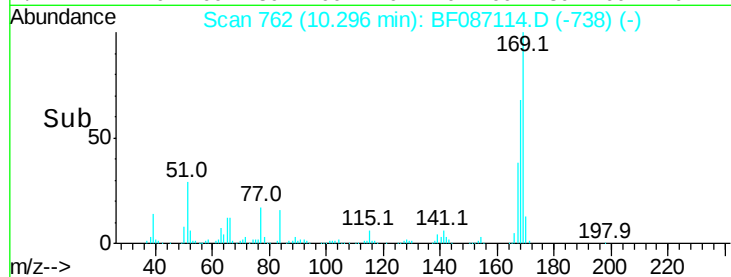
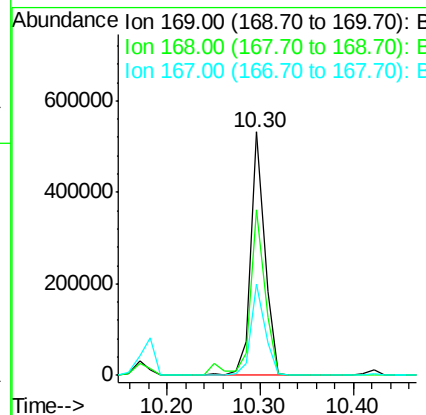
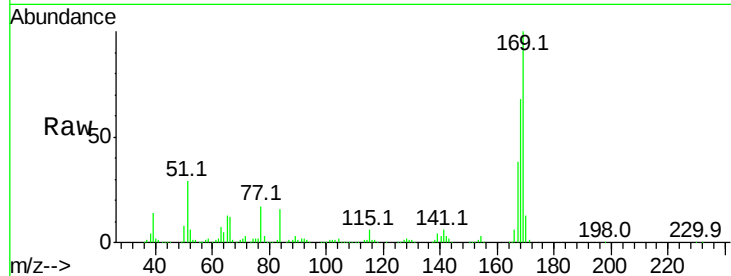
ClientSampleId :

PB90651BS

Tot Ion:	169	Resp:	557125
Ion Ratio	Lower	Upper	
169	100		
168	68.0	53.8	80.6
167	37.8	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 34.34 ng

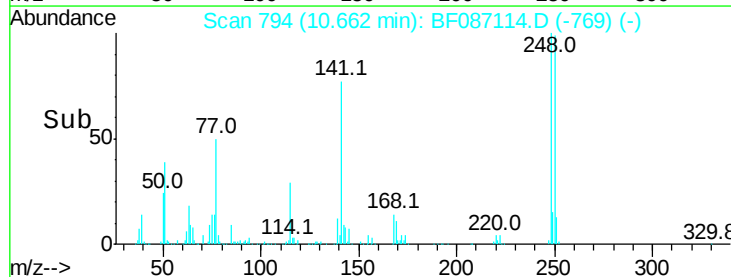
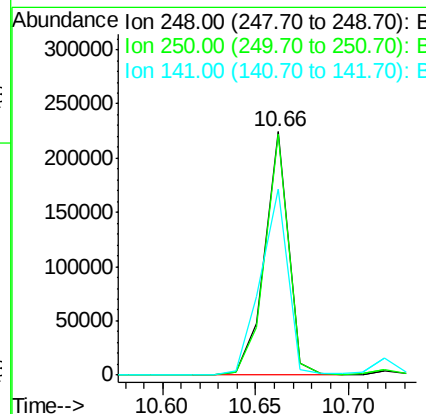
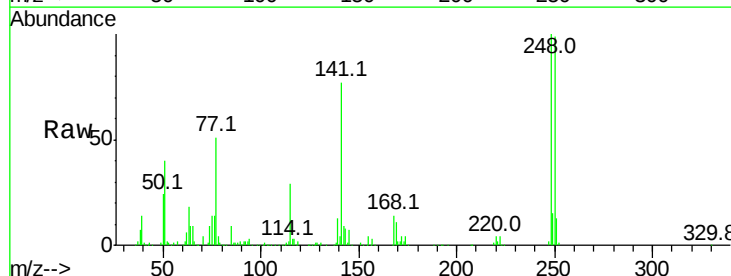
RT: 10.66 min Scan# 794

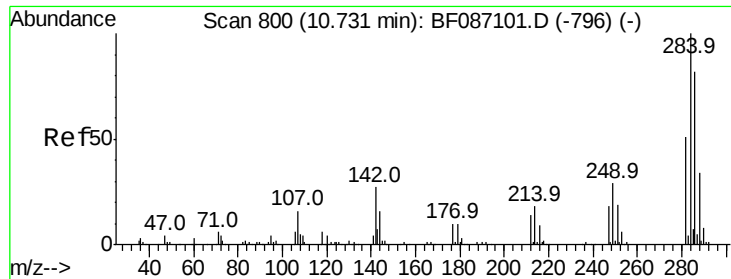
Delta R.T. -0.01 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Tgt Ion:	248	Resp:	197312
Ion Ratio	Lower	Upper	
248	100		
250	99.1	78.6	117.8
141	76.6	76.0	114.0





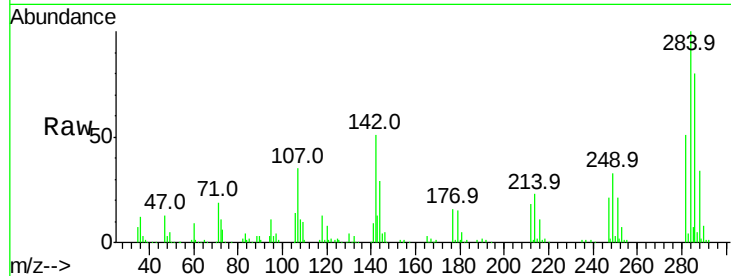
#67
Hexachlorobenzene
Concen: 30.70 ng
RT: 10.72 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF087114.D
Acq: 17 May 2016 21:00

Instrument :
BNA_F
ClientSampled :
PB90651BS

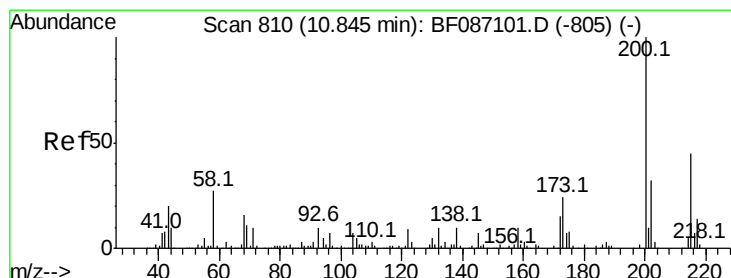
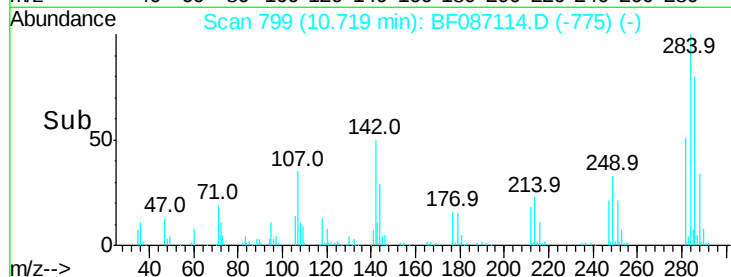
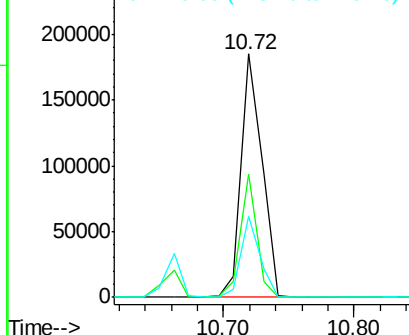
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	50.7	16.7	25.1#
249	33.4	21.3	31.9#

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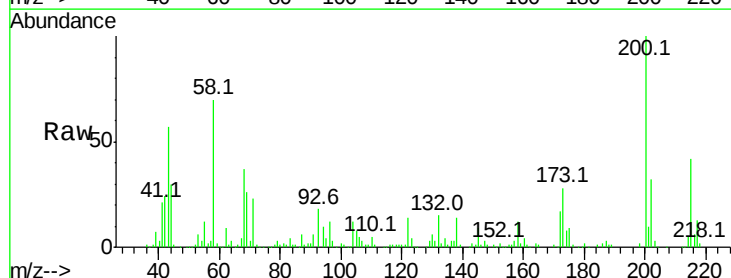


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

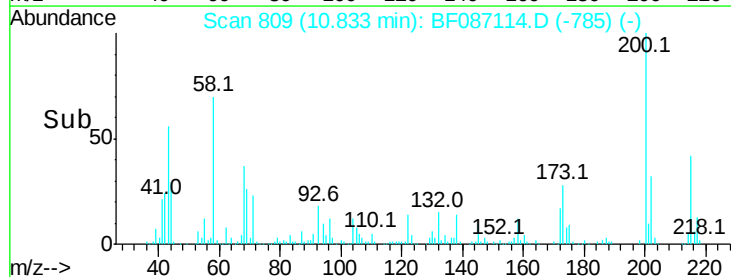
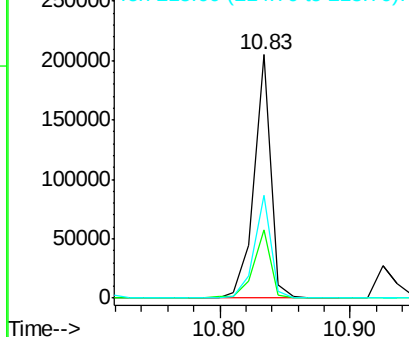


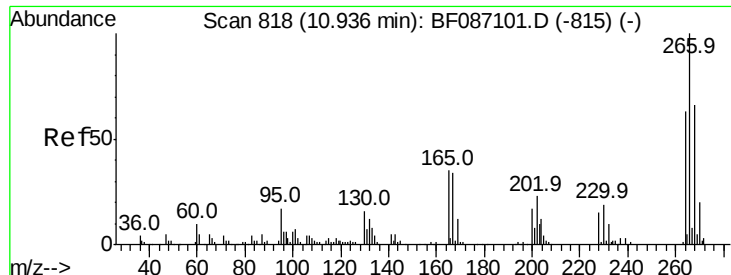
#68
Atrazine
Concen: 31.97 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF087114.D
Acq: 17 May 2016 21:00

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	27.9	8.5	48.5
215	42.2	27.2	67.2



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





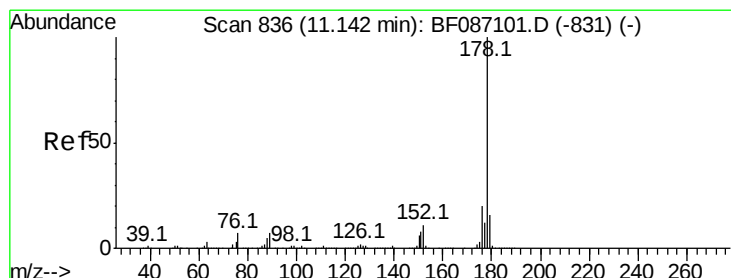
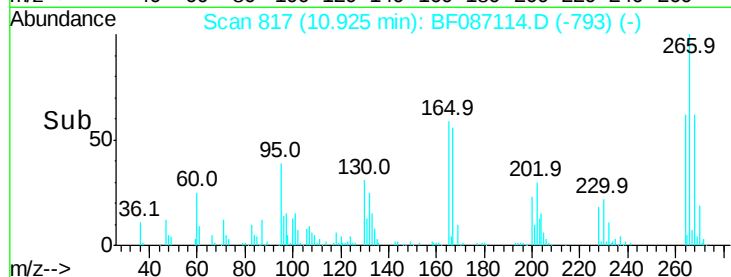
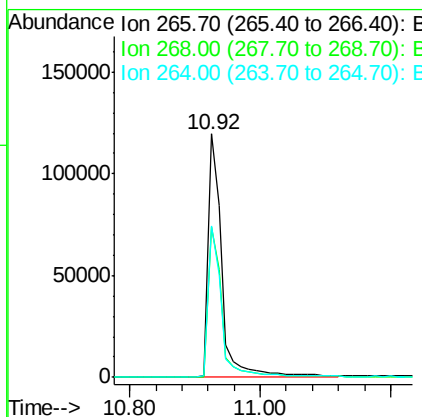
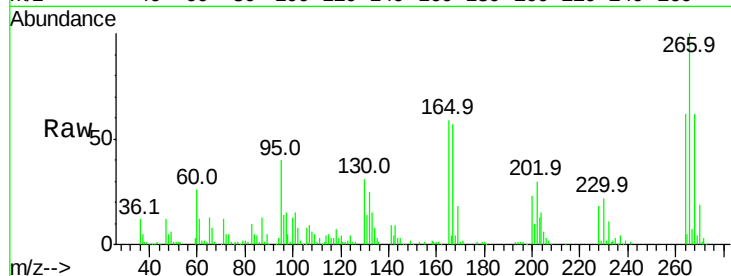
#69
 Pentachlorophenol
 Concen: 70.64 ng
 RT: 10.92 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BF087114.D
 Acq: 17 May 2016 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90651BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	176766		
268	61.9	51.5	77.3	
264	62.3	52.9	79.3	

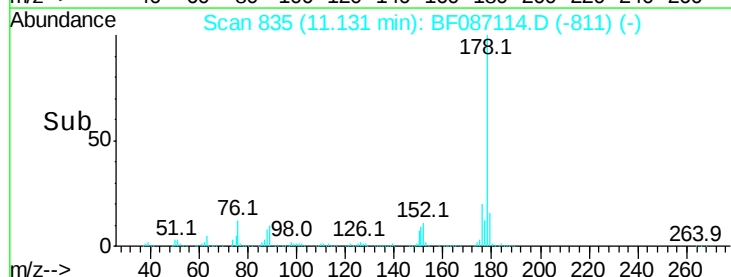
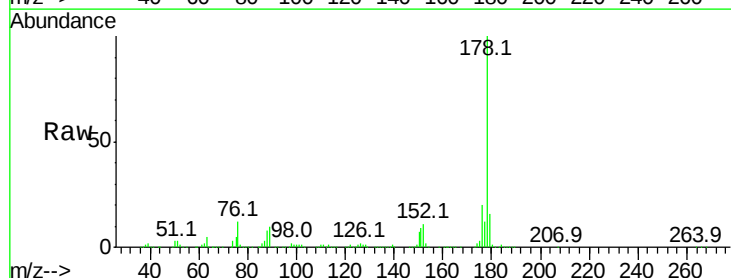
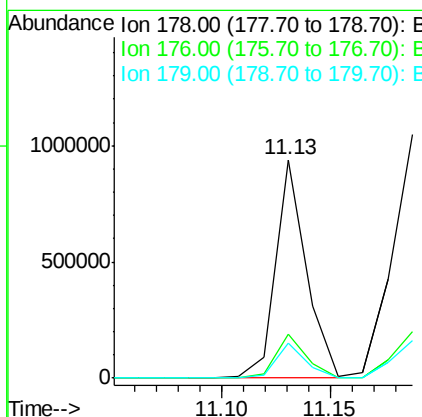
Manual Integrations
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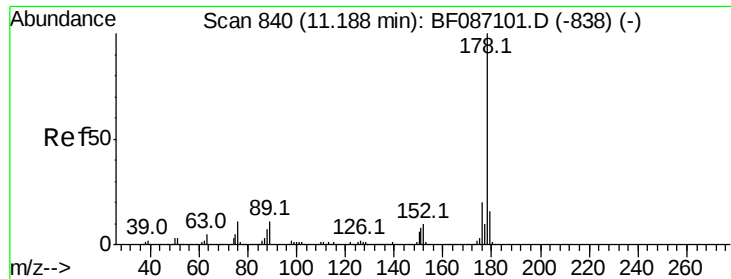
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#70
 Phenanthrene
 Concen: 30.64 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.02 min
 Lab File: BF087114.D
 Acq: 17 May 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	928475		
176	20.3	16.0	24.0	
179	16.2	12.6	18.8	





#71
 Anthracene
 Concen: 35.01 ng
 RT: 11.19 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF087114.D
 Acq: 17 May 2016 21:00

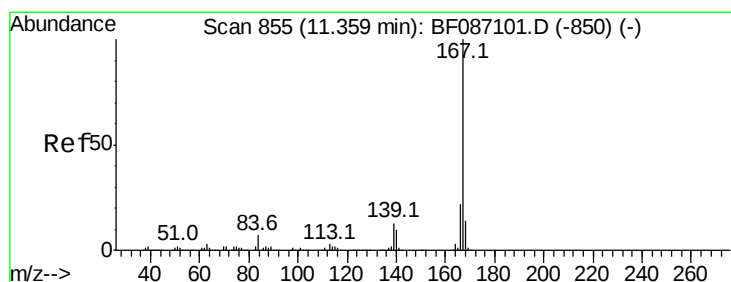
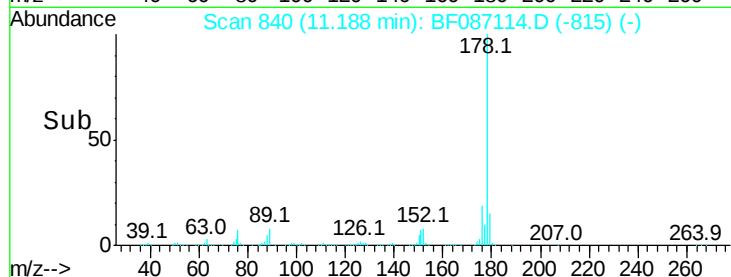
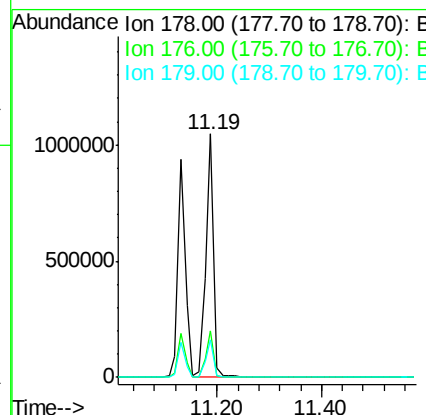
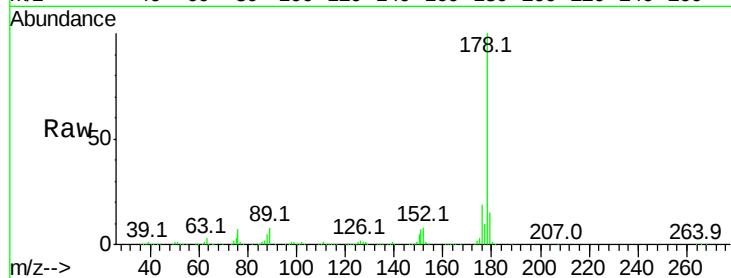
Instrument :
 BNA_F
 ClientSampleId :
 PB90651BS

Tot Ion:178 Resp: 1072910

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.4	12.7	19.1

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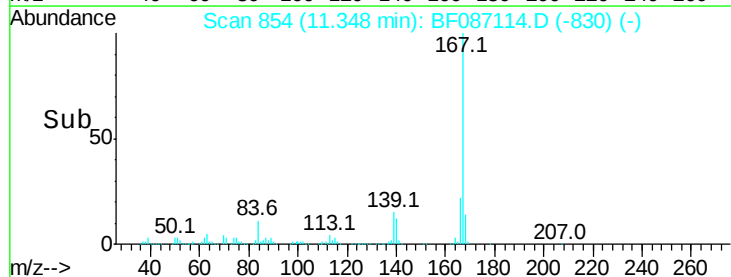
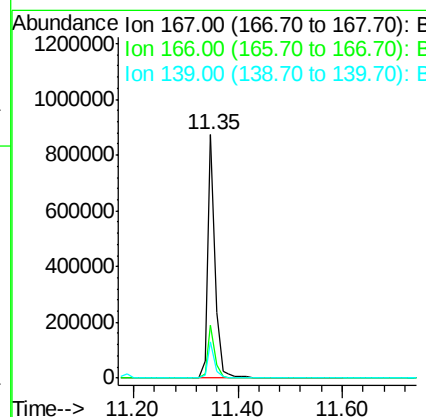
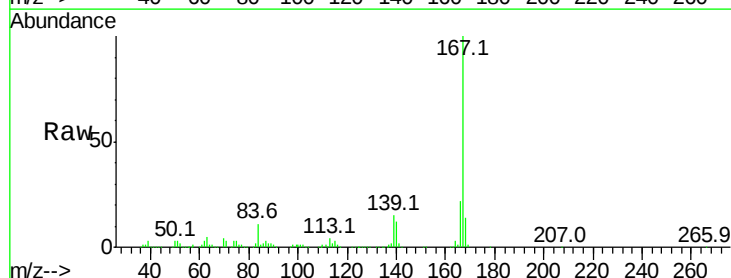
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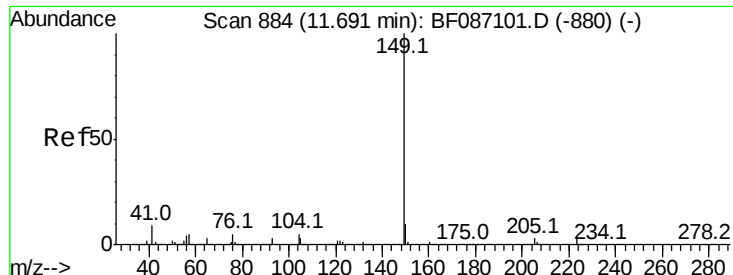


#72
 Carbazole
 Concen: 30.73 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.02 min
 Lab File: BF087114.D
 Acq: 17 May 2016 21:00

Tgt Ion:167 Resp: 860294

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.7	26.5
139	15.0	10.8	16.2





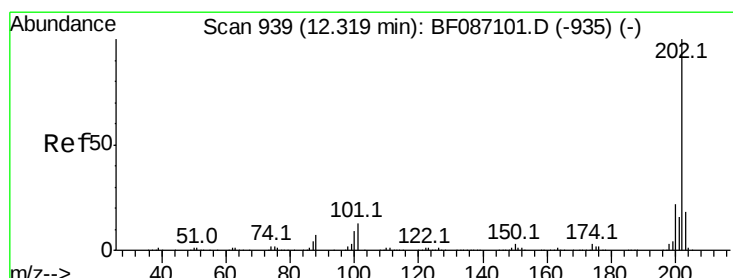
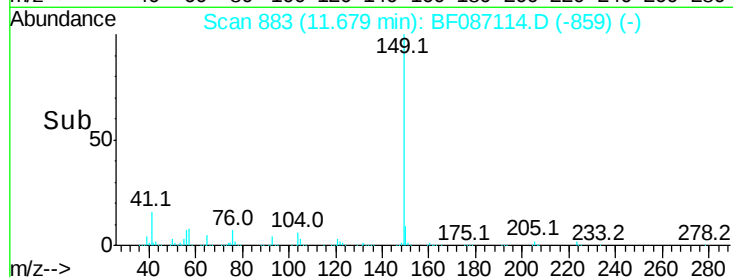
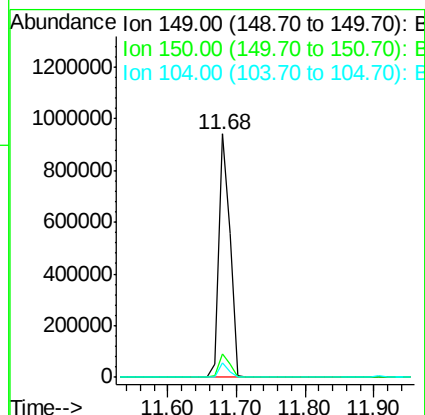
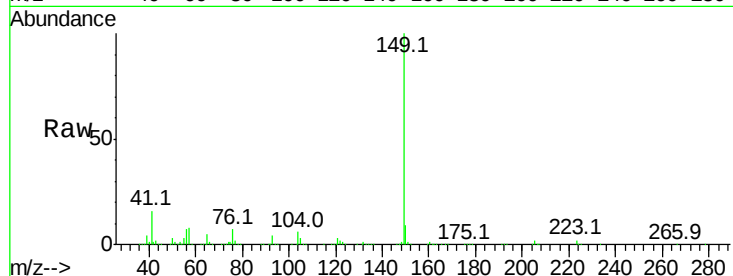
#73
Di-n-butylphthalate
Concen: 33.39 ng
RT: 11.68 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF087114.D
Acq: 17 May 2016 21:00

Instrument :
BNA_F
ClientSampleId :
PB90651BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	6.1	3.8	5.6

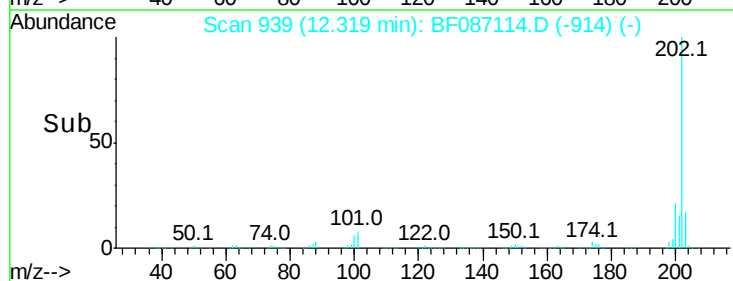
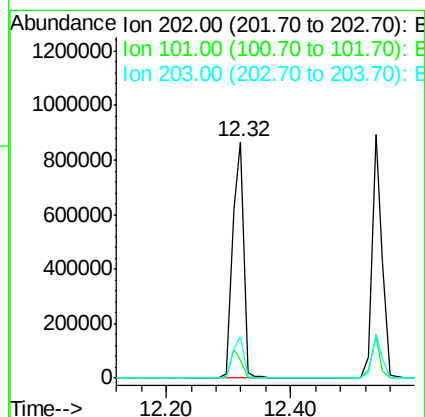
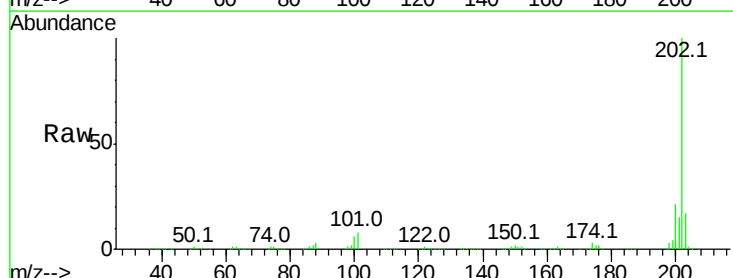
Manual Integrations
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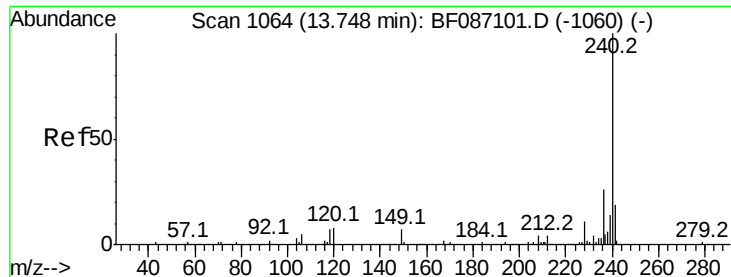
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#74
Fluoranthene
Concen: 35.17 ng
RT: 12.32 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF087114.D
Acq: 17 May 2016 21:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	35.4
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Instrument :

BNA_F

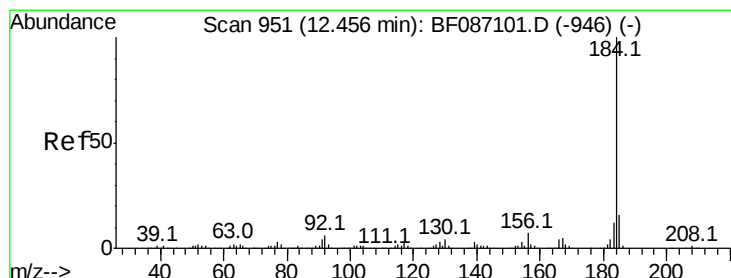
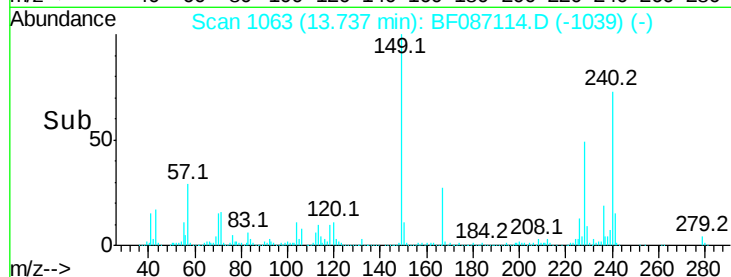
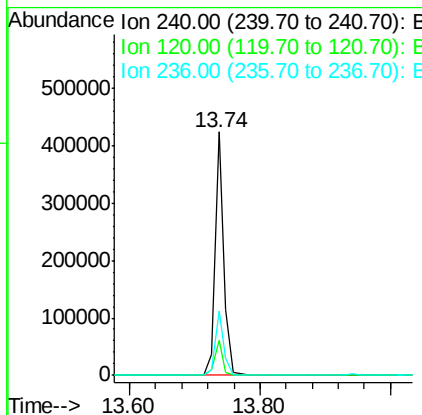
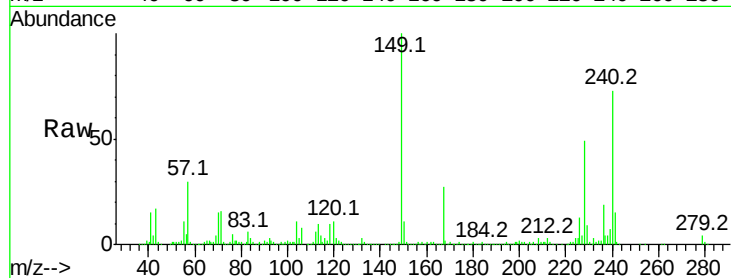
ClientSampleId :

PB90651BS

Tot Ion:	240	Resp:	405425
Ion Ratio	Lower	Upper	
240	100		
120	14.6	11.2	16.8
236	26.2	21.2	31.8

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#76

Benzidine

Concen: 12.91 ng

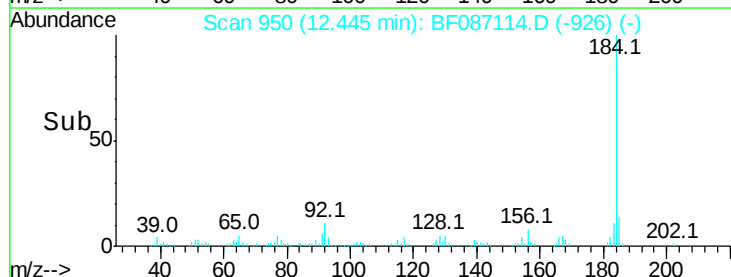
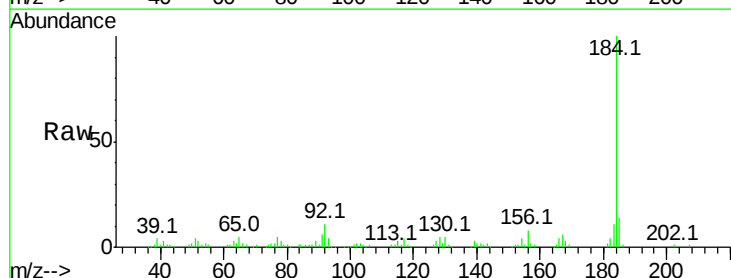
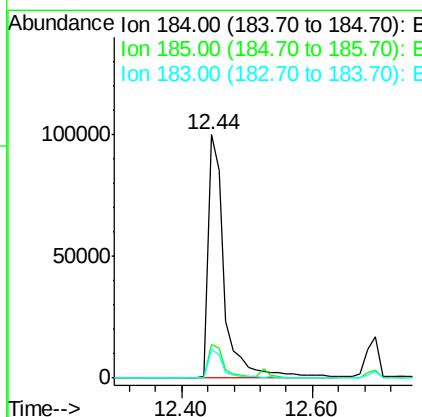
RT: 12.44 min Scan# 950

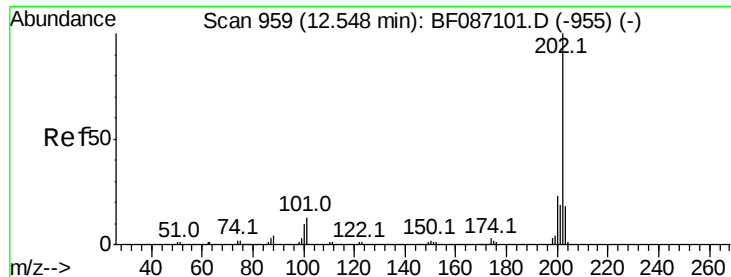
Delta R.T. -0.02 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Tgt Ion:	184	Resp:	174243
Ion Ratio	Lower	Upper	
184	100		
185	13.8	13.6	20.4
183	11.5	9.8	14.6





#77

Pvrene

Concen: 33.23 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Instrument :

BNA_F

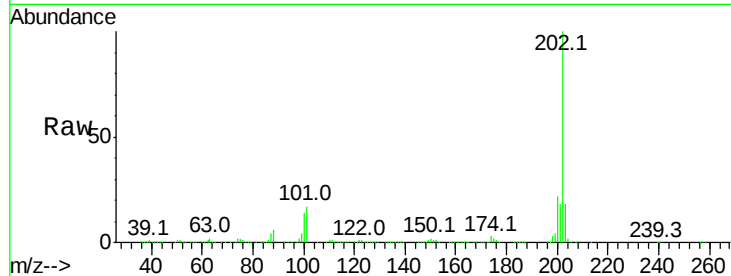
ClientSampleId :

PB90651BS

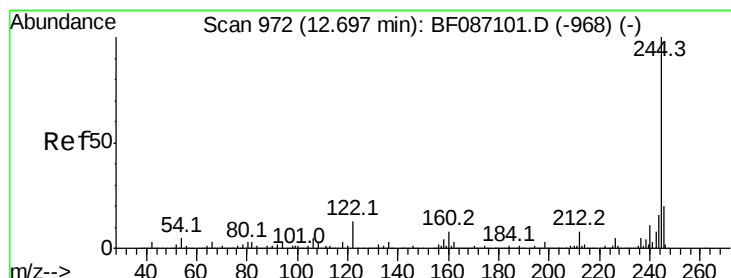
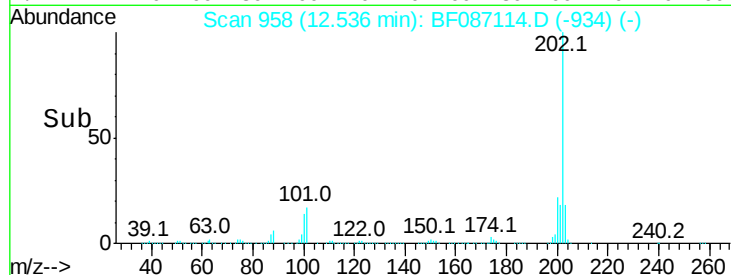
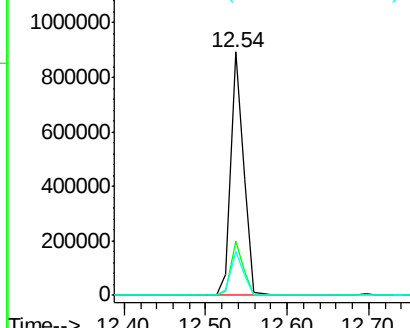
Tot Ion:	202	Resp:	973370
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.7	26.5
203	18.2	14.2	21.4

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



#78

Terphenyl-d14

Concen: 74.75 ng

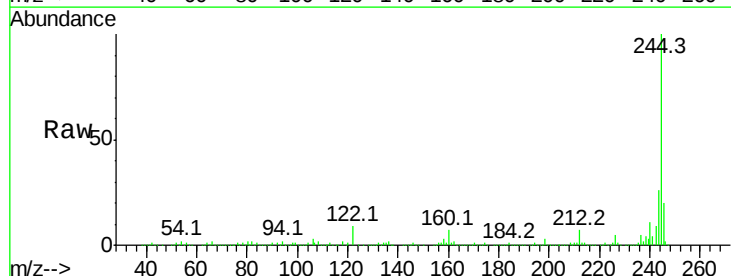
RT: 12.70 min Scan# 972

Delta R.T. -0.01 min

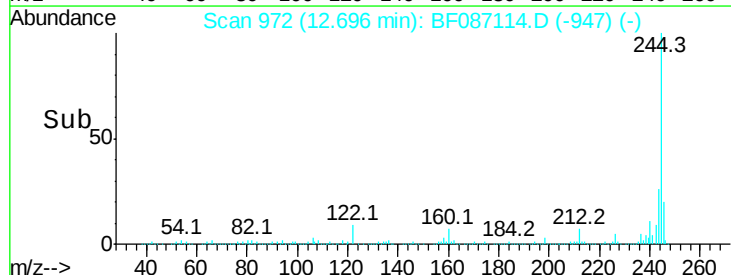
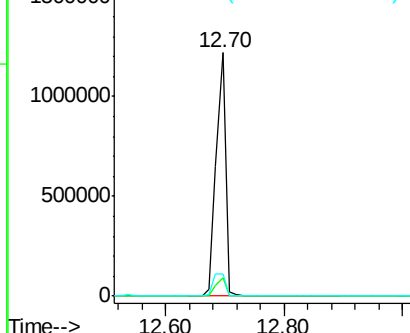
Lab File: BF087114.D

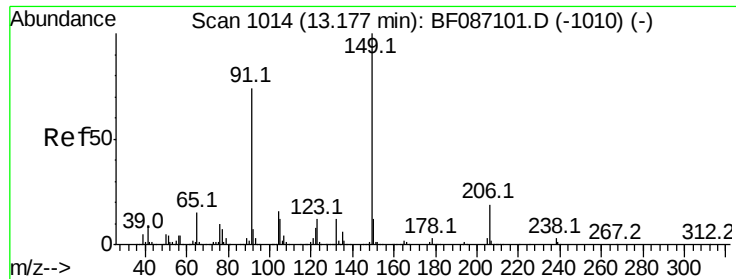
Acq: 17 May 2016 21:00

Tgt Ion:	244	Resp:	1339707
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.2	9.2
122	9.0	12.0	18.0#



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





#79

Butylbenzylphthalate

Concen: 38.26 ng

RT: 13.18 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Instrument :

BNA_F

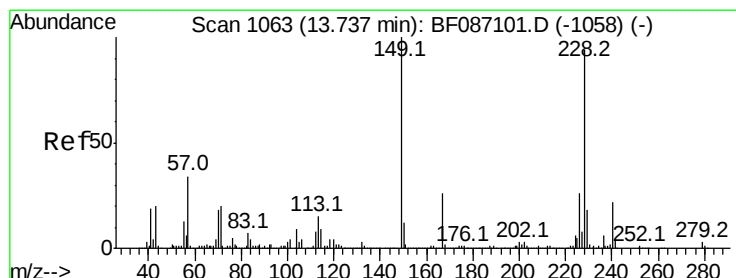
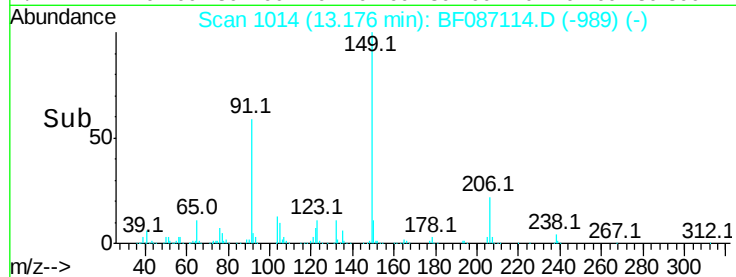
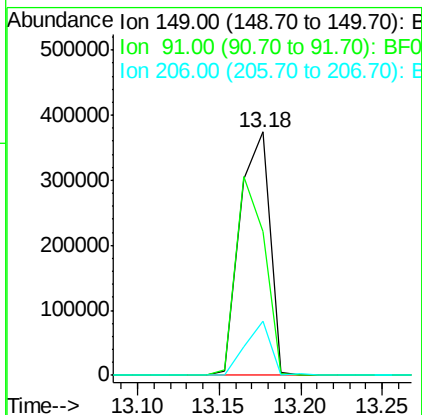
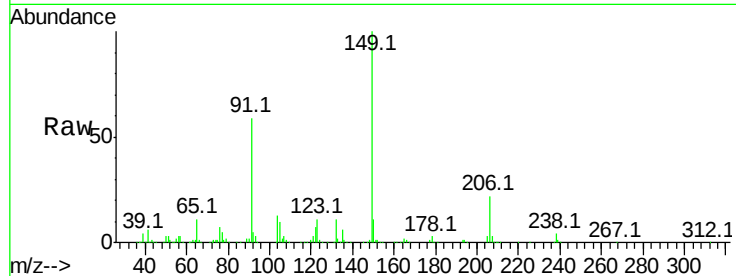
ClientSampleId :

PB90651BS

Tot Ion:	149	Resp:	473047
Ion Ratio	Lower	Upper	
149	100		
91	59.2	48.0	72.0
206	22.3	15.8	23.6

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#80

Benzo(a)anthracene

Concen: 34.69 ng

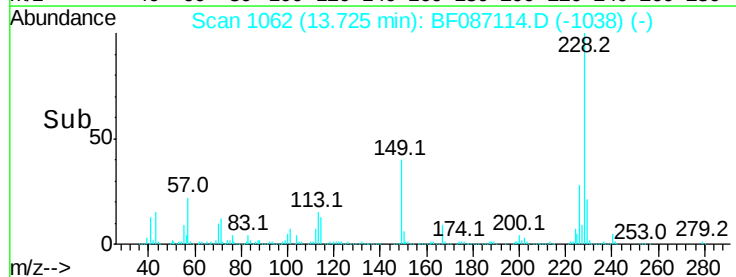
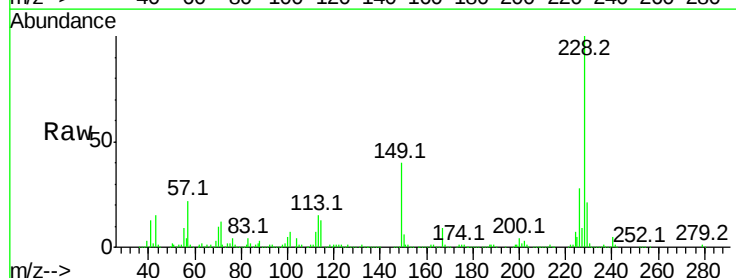
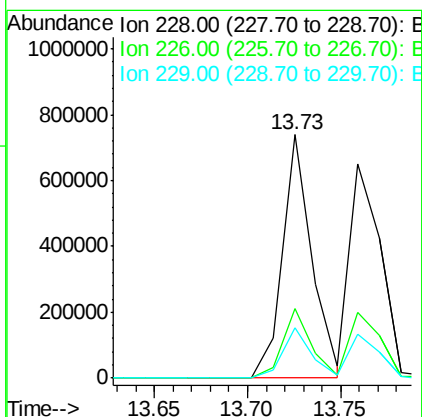
RT: 13.73 min Scan# 1062

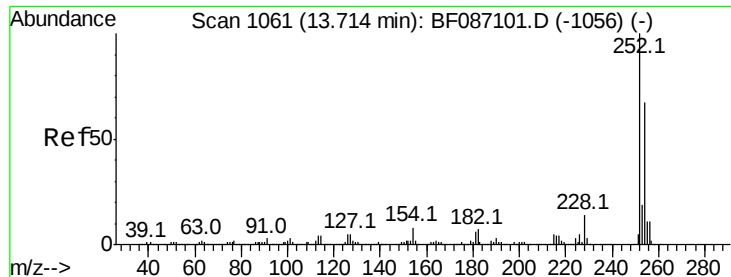
Delta R.T. -0.02 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Tgt Ion:	228	Resp:	813163
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.5	33.7
229	20.5	16.6	25.0





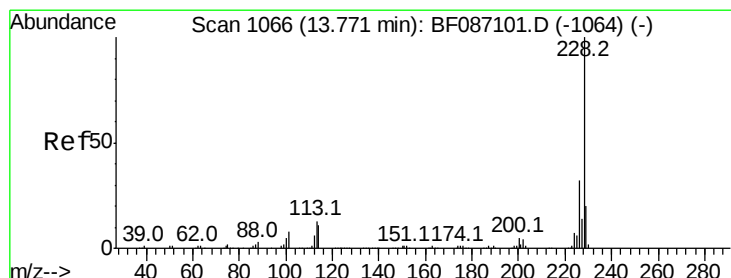
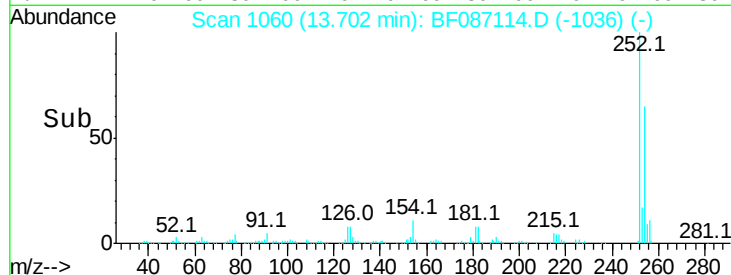
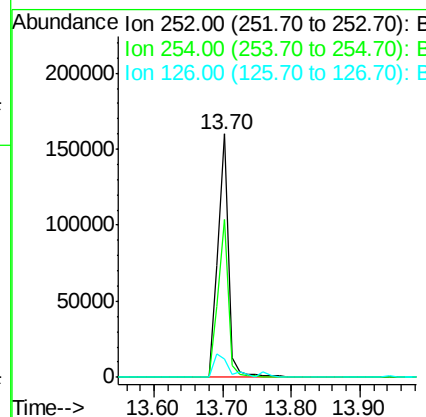
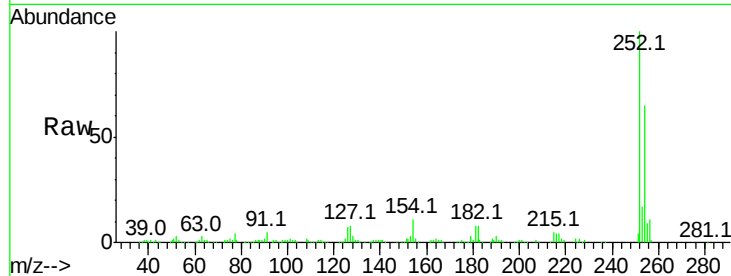
#81
 3,3'-Dichlorobenzidine
 Concen: 11.90 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BF087114.D
 Acq: 17 May 2016 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90651BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.7	76.1
126	7.5	12.7	19.1

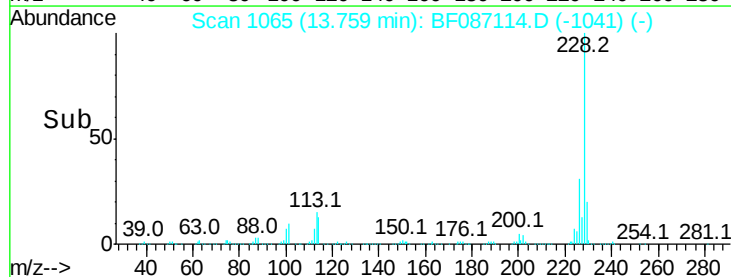
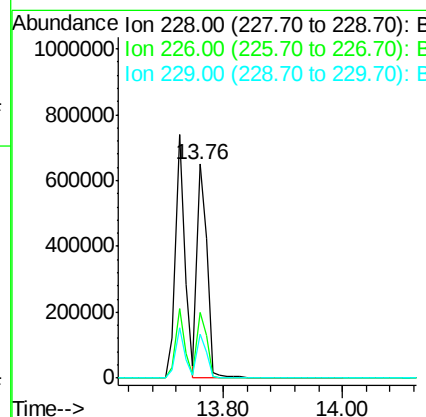
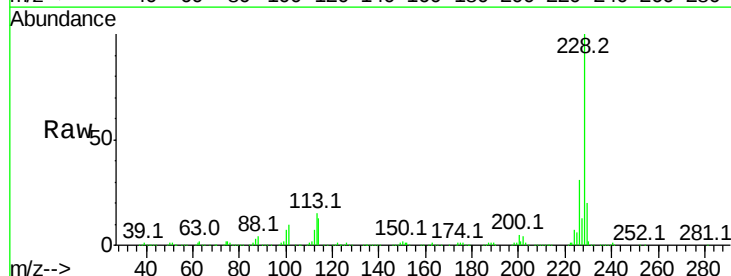
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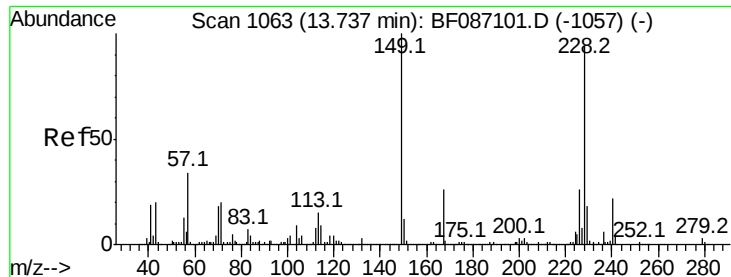
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#82
 Chrysene
 Concen: 33.99 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BF087114.D
 Acq: 17 May 2016 21:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	20.4	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.79 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Instrument :

BNA_F

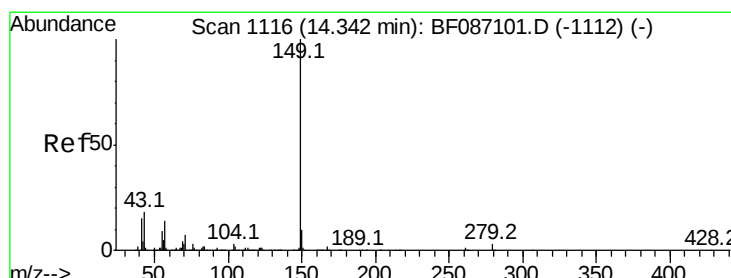
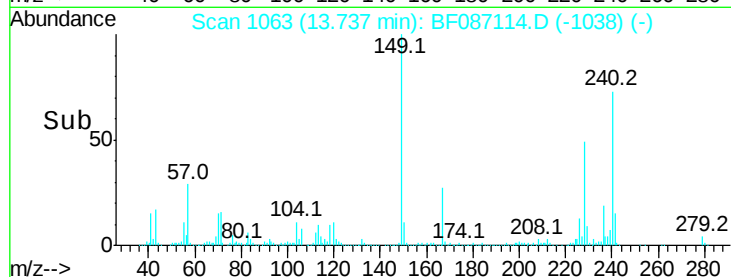
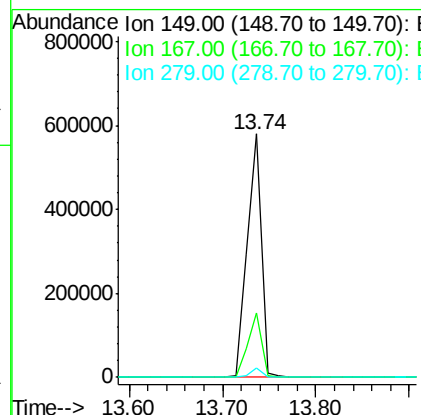
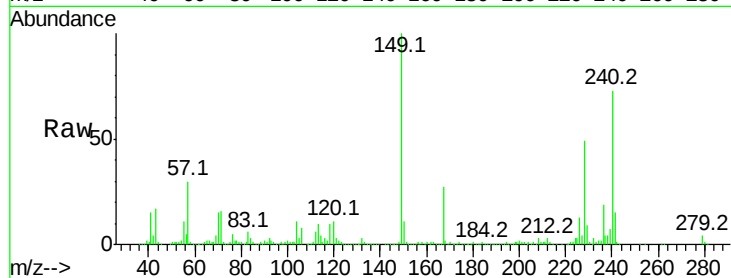
ClientSampleId :

PB90651BS

Tot Ion:	149	Resp:	613834
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.8	32.6
279	4.0	2.6	4.0#

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#84

Di-n-octyl phthalate

Concen: 40.86 ng

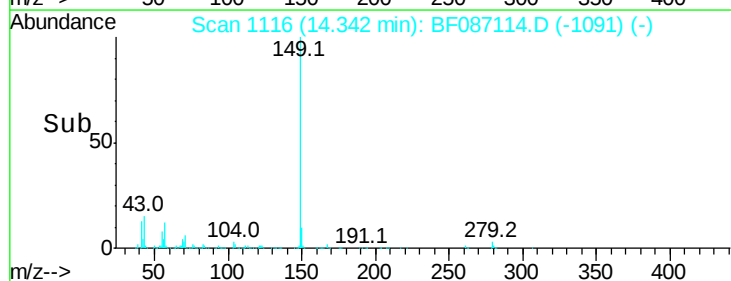
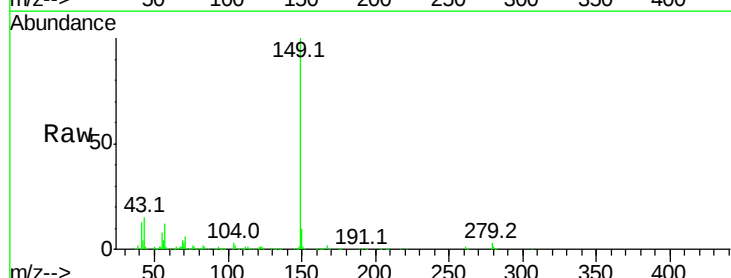
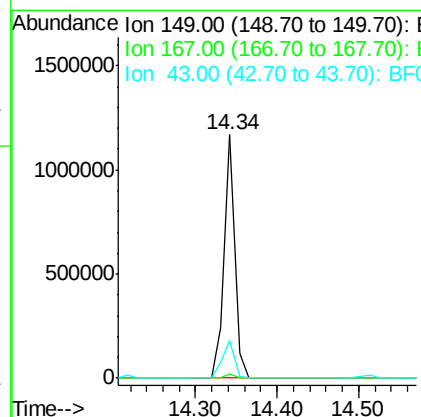
RT: 14.34 min Scan# 1116

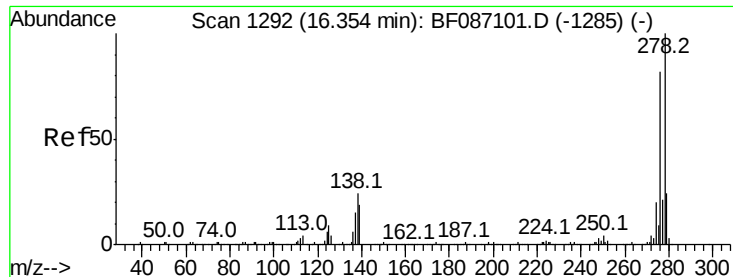
Delta R.T. -0.01 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Tgt Ion:	149	Resp:	1059263
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	17.0	8.2	12.4#





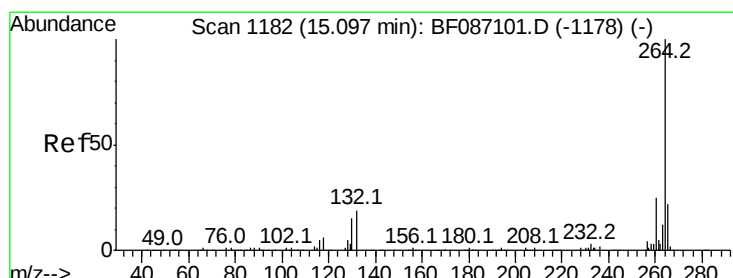
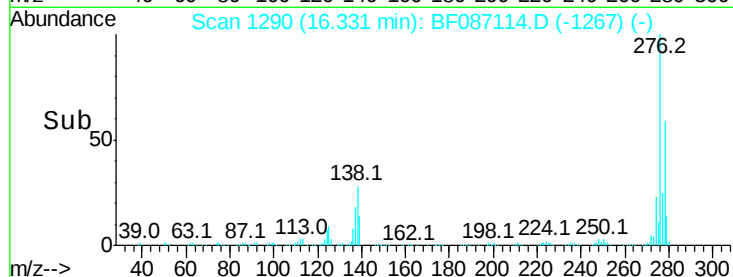
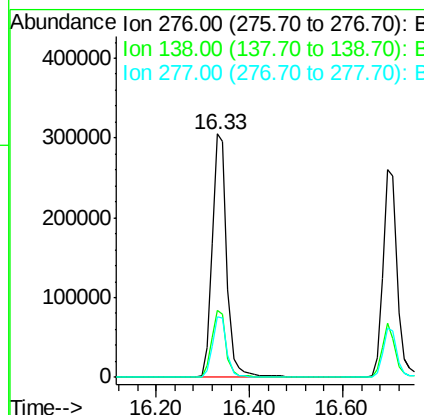
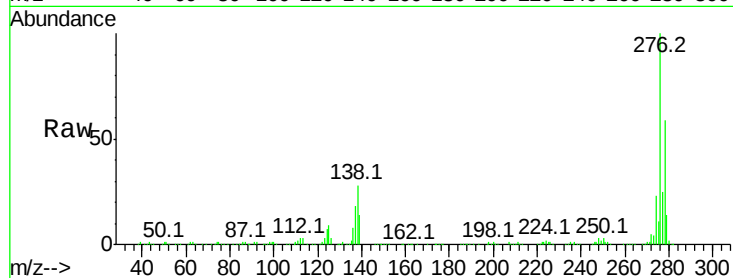
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.02 ng
RT: 16.33 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF087114.D
Acq: 17 May 2016 21:00

Instrument :
BNA_F
ClientSampleId :
PB90651BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	677299		
138	27.2		25.6	38.4
277	24.8		20.5	30.7

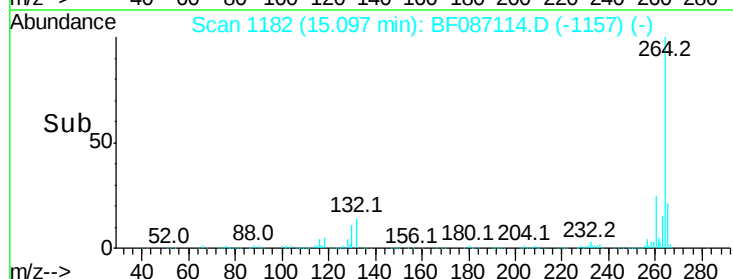
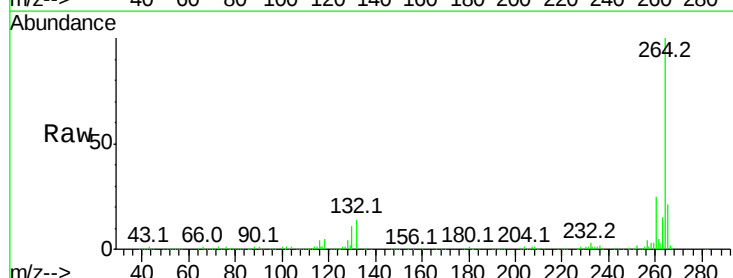
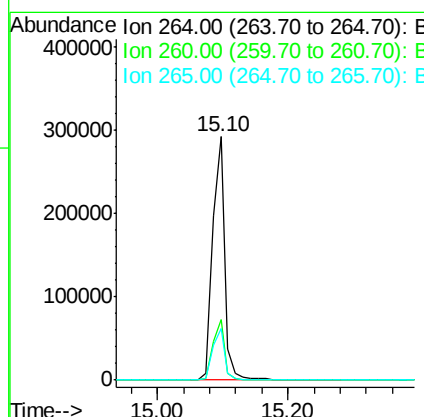
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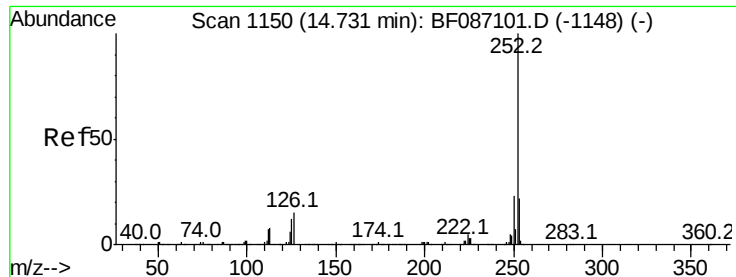
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF087114.D
Acq: 17 May 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	382327		
260	24.9		19.5	29.3
265	21.1		17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 33.85 ng m

RT: 14.73 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Instrument :

BNA_F

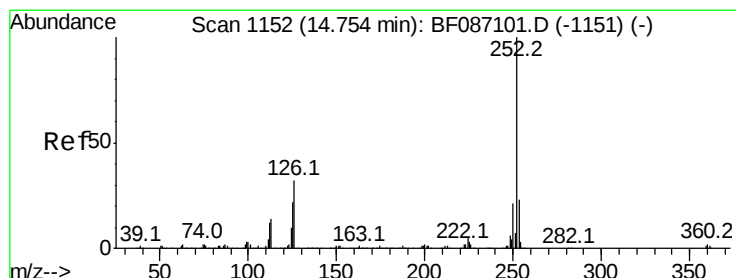
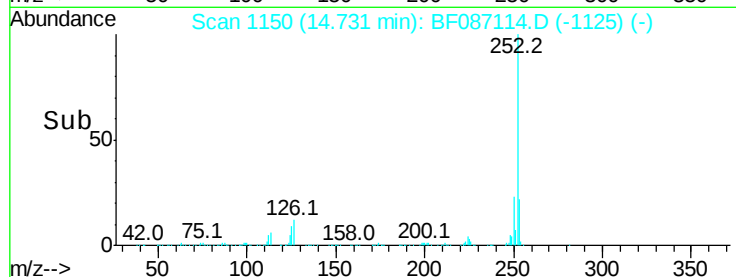
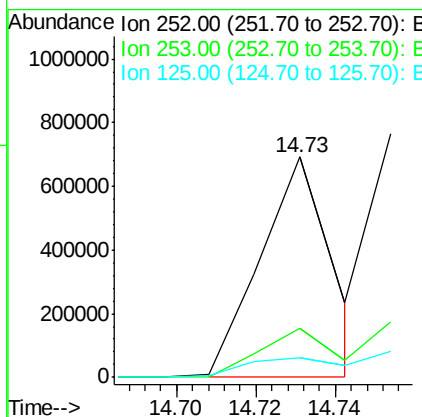
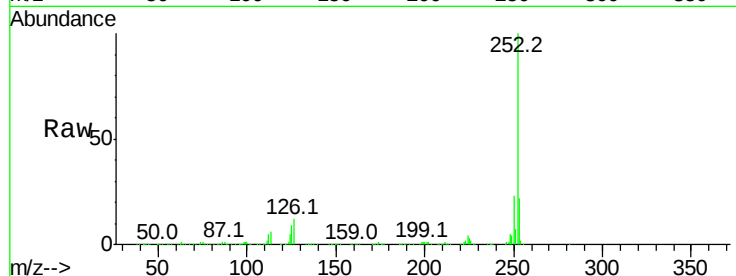
ClientSampleId :

PB90651BS

Tot Ion:	252	Resp:	858499
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.6
125	9.1	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 34.40 ng m

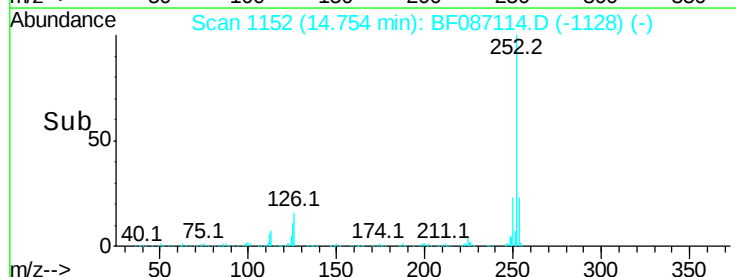
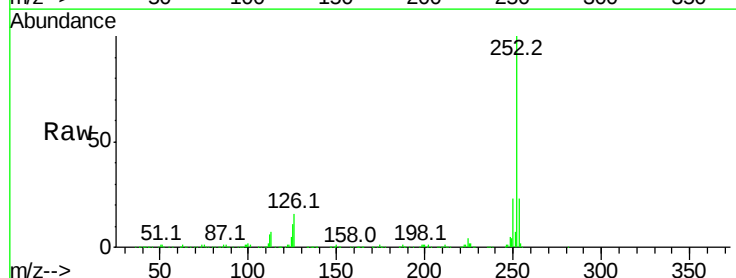
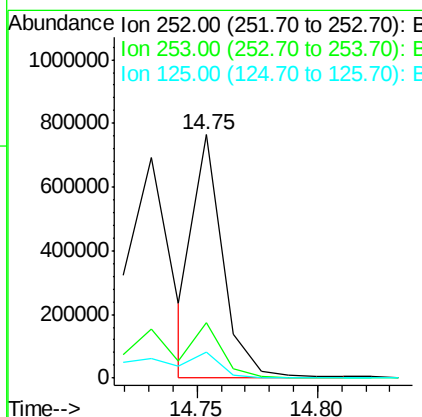
RT: 14.75 min Scan# 1152

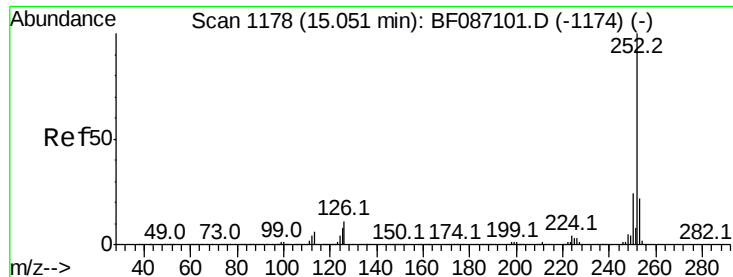
Delta R.T. -0.02 min

Lab File: BF087114.D

Acq: 17 May 2016 21:00

Tgt Ion:	252	Resp:	649490
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.6
125	10.8	9.1	13.7





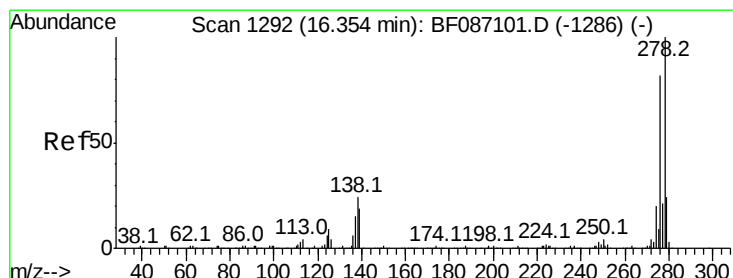
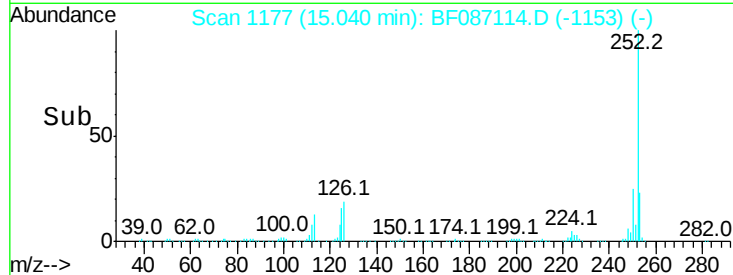
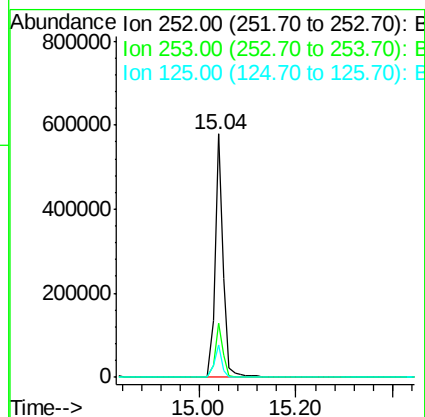
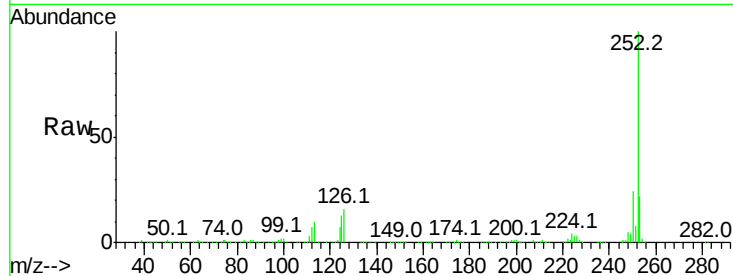
#89
Benzo(a)pyrene
Concen: 32.40 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF087114.D
Acq: 17 May 2016 21:00

Instrument :
BNA_F
ClientSampleId :
PB90651BS

Tot Ion:	252	Resp:	686948
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.2	25.8
125	13.1	9.0	13.6

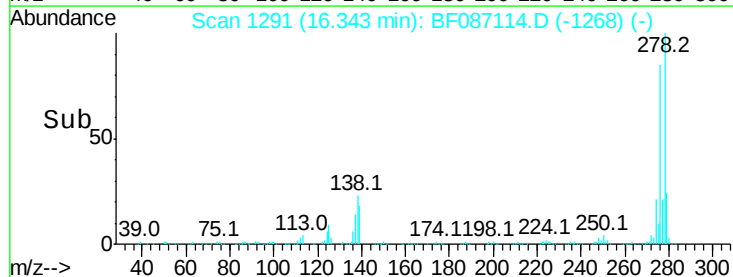
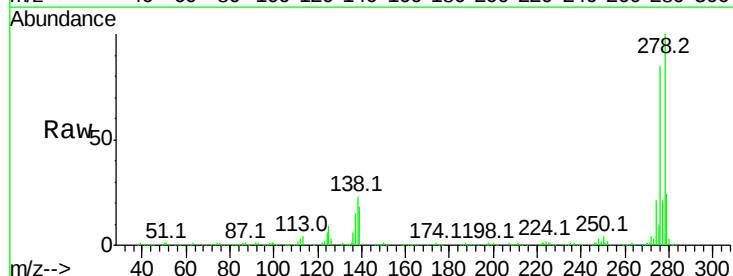
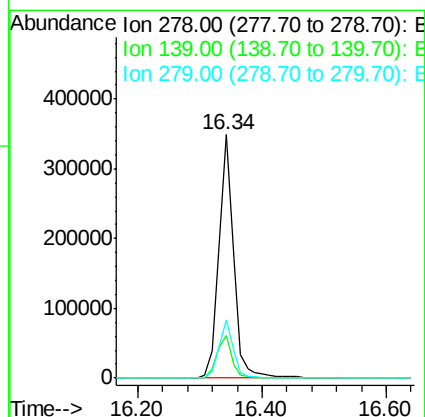
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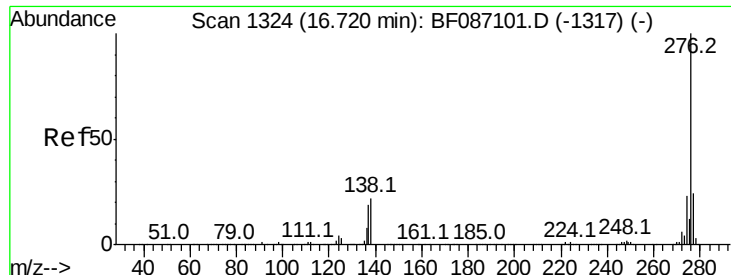
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#90
Dibenzo(a,h)anthracene
Concen: 31.64 ng
RT: 16.34 min Scan# 1291
Delta R.T. -0.03 min
Lab File: BF087114.D
Acq: 17 May 2016 21:00

Tgt Ion:	278	Resp:	564744
Ion Ratio	Lower	Upper	
278	100		
139	17.6	16.6	24.8
279	23.8	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 30.55 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. -0.05 min
 Lab File: BF087114.D
 Acq: 17 May 2016 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90651BS

Tot Ion:	276	Resp:	550757
Ion Ratio		Lower	Upper
276	100		
277	23.9	19.6	29.4
138	26.2	23.6	35.4

Manual Integrations
 APPROVED

sohil
 5/18/2016 6:58:30 PM

