

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
 Data File : BF087122.D
 Acq On : 18 May 2016 00:52
 Operator : UM/SJ
 Sample : PB90662BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB90662BS

Manual Integrations
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Quant Time: May 18 03:34:10 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	141327	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	585457	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	287373	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	523098	20.00	ng	-0.01
75) Chrysene-d12	13.74	240	383489	20.00	ng	-0.02
86) Perylene-d12	15.09	264	345327	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	948849	112.85	ng	-0.01
7) Phenol-d6	6.26	99	1228819	108.97	ng	-0.02
23) Nitrobenzene-d5	7.16	82	895365	76.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.42	330	331205	104.30	ng	-0.02
44) 2-Fluorobiphenyl	8.96	172	1430120	82.42	ng	-0.02
78) Terphenyl-d14	12.70	244	1485171	87.61	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	128392	29.68	ng	# 63
3) Pyridine	2.72	79	369155	35.28	ng	# 65
4) n-Nitrosodimethylamine	2.68	42	282329	38.08	ng	# 49
6) Aniline	6.26	93	295930	20.66	ng	# 68
8) 2-Chlorophenol	6.39	128	381203	37.26	ng	98
9) Benzaldehyde	6.15	77	24211	2.92	ng	96
10) Phenol	6.27	94	434700	30.66	ng	# 61
11) bis(2-Chloroethyl)ether	6.34	93	421776	39.63	ng	90
12) 1,3-Dichlorobenzene	6.52	146	384920m	35.40	ng	
13) 1,4-Dichlorobenzene	6.60	146	390968m	35.14	ng	
14) 1,2-Dichlorobenzene	6.76	146	364951	37.47	ng	98
15) Benzyl Alcohol	6.76	79	342297	40.77	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.89	45	798325	36.48	ng	72
17) 2-Methylphenol	6.89	107	304368	36.23	ng	# 79
18) Hexachloroethane	7.10	117	152155	35.77	ng	98
19) n-Nitroso-di-n-propylamine	7.03	70	332227	38.76	ng	# 72
20) 3+4-Methylphenols	7.04	107	441000	39.79	ng	# 62
22) Acetophenone	7.02	105	561377	39.18	ng	# 99
24) Nitrobenzene	7.19	77	460691	35.92	ng	98
25) Isophorone	7.43	82	801334	37.26	ng	98
26) 2-Nitrophenol	7.51	139	212271	39.95	ng	# 84
27) 2,4-Dimethylphenol	7.56	122	367546	40.54	ng	89
28) bis(2-Chloroethoxy)methane	7.64	93	454272	38.48	ng	# 98
29) 2,4-Dichlorophenol	7.76	162	329029	41.18	ng	98
30) 1,2,4-Trichlorobenzene	7.83	180	346065	39.03	ng	97
31) Naphthalene	7.91	128	1096426	38.33	ng	99
32) Benzoic acid	7.72	122	191579	35.45	ng	# 81
33) 4-Chloroaniline	7.98	127	136206	11.46	ng	96
34) Hexachlorobutadiene	8.02	225	198967	39.54	ng	98
35) Caprolactam	8.35	113	110737m	41.62	ng	
36) 4-Chloro-3-methylphenol	8.48	107	382973	39.74	ng	92
37) 2-Methylnaphthalene	8.59	142	710107	38.81	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	322454	38.42	ng	97
40) Hexachlorocyclopentadiene	8.74	237	248883	77.10	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	211997	38.95	nq	94
43) 2,4,5-Trichlorophenol	8.94	196	223776	39.57	nq	# 83
45) 1,1'-Biphenyl	9.06	154	926621	38.89	nq	97
46) 2-Chloronaphthalene	9.08	162	709430	38.78	nq	96
47) 2-Nitroaniline	9.20	65	290362	41.42	nq	94
48) Acenaphthylene	9.50	152	1088271	38.96	nq	99
49) Dimethylphthalate	9.37	163	834947	38.09	nq	99
50) 2,6-Dinitrotoluene	9.44	165	194426	40.85	nq	95
51) Acenaphthene	9.67	154	700067	40.12	nq	98
52) 3-Nitroaniline	9.61	138	95943	18.62	nq	96
53) 2,4-Dinitrophenol	9.72	184	206437	75.94	nq	89
54) Dibenzofuran	9.84	168	944633	41.86	nq	95
55) 4-Nitrophenol	9.80	139	187433m	59.75	nq	
56) 2,4-Dinitrotoluene	9.84	165	229262	37.61	nq	# 38
57) Fluorene	10.18	166	783895	43.24	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	190386	43.23	nq	98
59) Diethylphthalate	10.07	149	774537	37.01	nq	99
60) 4-Chlorophenyl-phenylether	10.17	204	318808	37.10	nq	95
61) 4-Nitroaniline	10.23	138	182993	35.97	nq	# 70
62) Azobenzene	10.33	77	930359	38.58	nq	85
64) 4,6-Dinitro-2-methylphenol	10.25	198	134193	38.95	nq	# 34
65) n-Nitrosodiphenylamine	10.30	169	651305	39.57	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	224814	41.79	nq	91
67) Hexachlorobenzene	10.72	284	240311	38.53	nq	# 63
68) Atrazine	10.83	200	193192	35.98	nq	95
69) Pentachlorophenol	10.93	266	211586	90.31	nq	97
70) Phenanthrene	11.13	178	1054985	37.19	nq	99
71) Anthracene	11.19	178	1211311	42.21	nq	100
72) Carbazole	11.35	167	984768	37.57	nq	98
73) Di-n-butylphthalate	11.68	149	1217298	40.43	nq	# 98
74) Fluoranthene	12.32	202	1190967	41.90	nq	90
76) Benzidine	12.45	184	235794	18.81	nq	96
77) Pyrene	12.54	202	1081343	39.03	nq	100
79) Butylbenzylphthalate	13.17	149	520330	44.49	nq	# 62
80) Benzo(a)anthracene	13.73	228	912921	41.17	nq	99
81) 3,3'-Dichlorobenzidine	13.70	252	201647	14.29	nq	# 95
82) Chrysene	13.76	228	823307	38.38	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	657719	46.21	nq	# 100
84) Di-n-octyl phthalate	14.34	149	1192785	48.65	nq	# 86
85) Indeno(1,2,3-cd)pyrene	16.33	276	769693	40.87	nq	95
87) Benzo(b)fluoranthene	14.73	252	995044m	43.43	nq	
88) Benzo(k)fluoranthene	14.75	252	704034m	41.28	nq	
89) Benzo(a)pyrene	15.04	252	761331	39.76	nq	98
90) Dibenzo(a,h)anthracene	16.34	278	634756	39.37	nq	96
91) Benzo(g,h,i)perylene	16.70	276	637527	39.15	nq	95

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

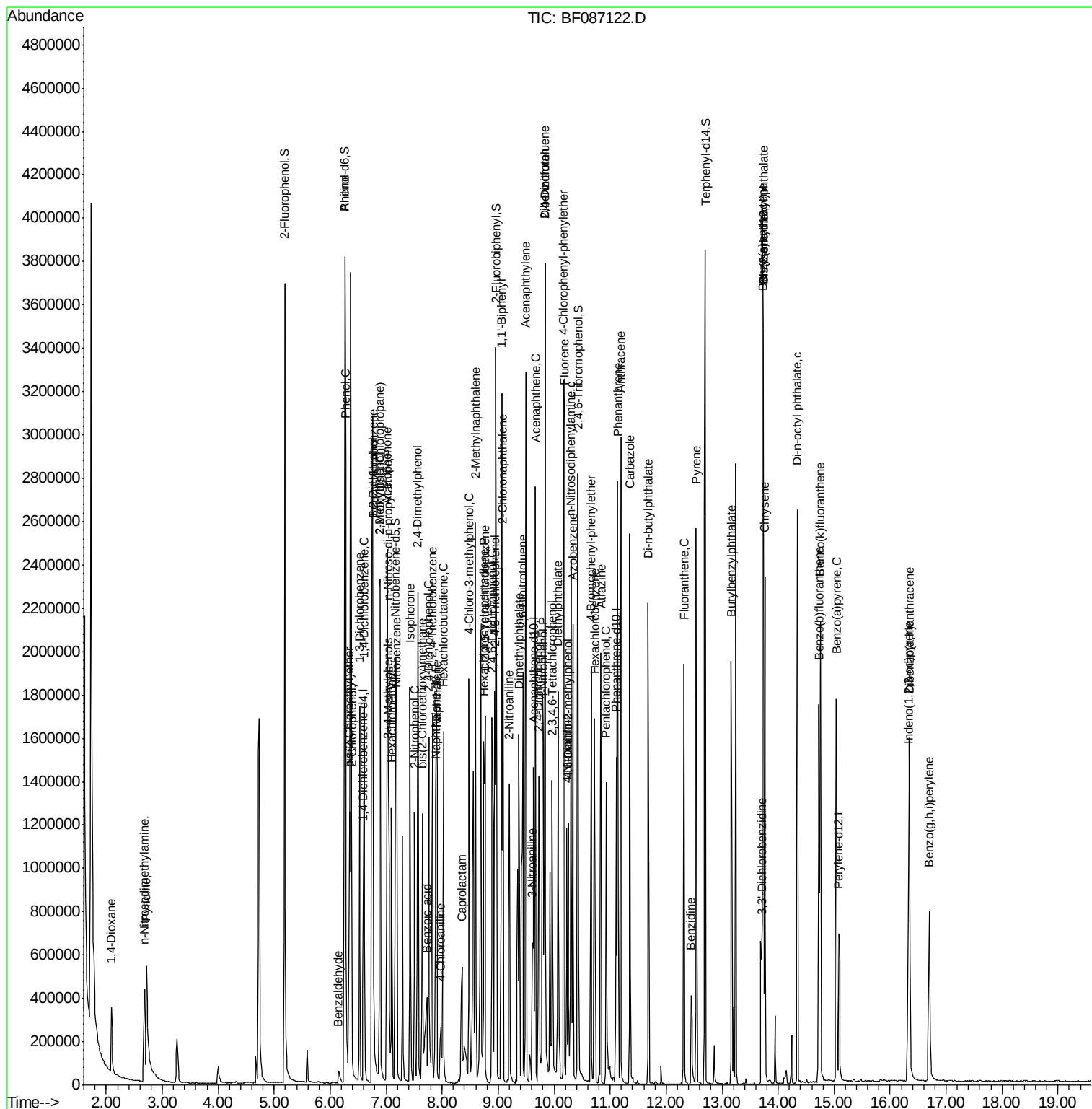
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Operator  : UM/SJ  
Sample    : PB90662BS  
Misc      :  
ALS Vial  : 24      Sample Multiplier: 1
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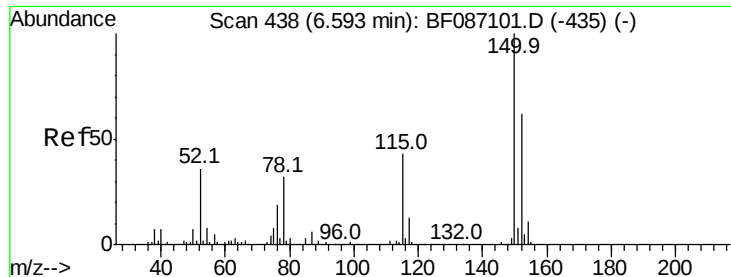
Instrument :
BNA_F
ClientSampleId :
PB90662BS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Instrument :

BNA_F

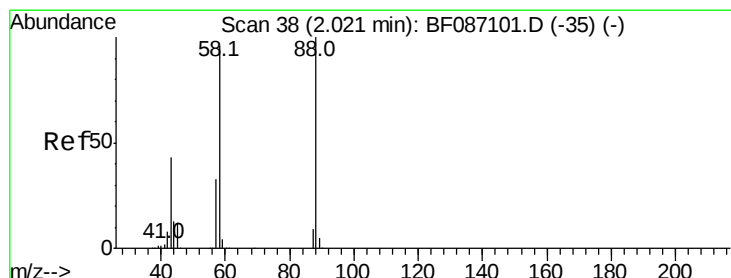
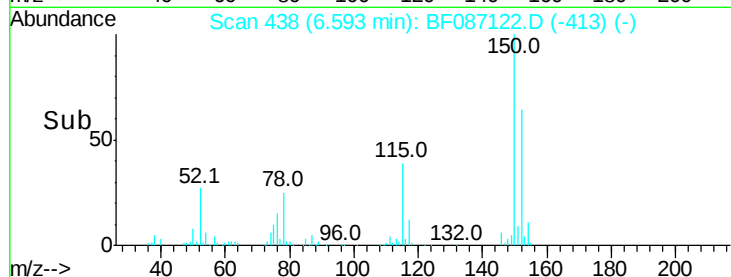
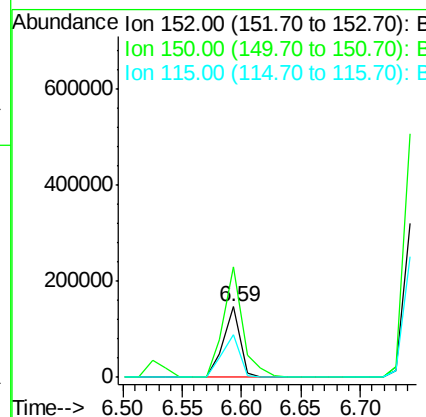
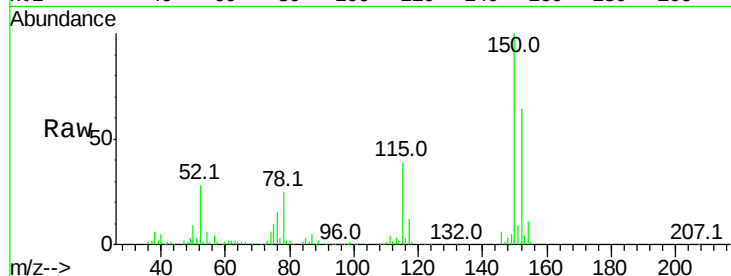
ClientSampleId :

PB90662BS

Tot Ion:	152	Resp:	141327
Ion Ratio	Lower	Upper	
152	100		
150	157.0	125.8	188.6
115	60.9	51.5	77.3

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#2

1,4-Dioxane

Concen: 29.68 ng

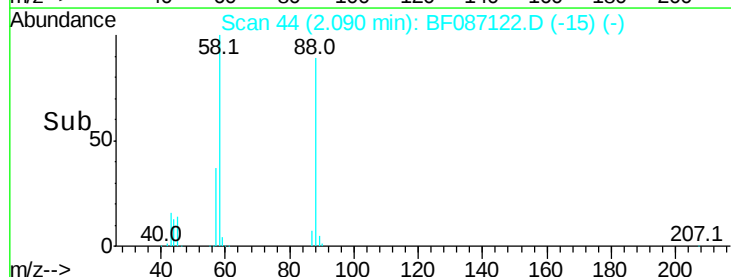
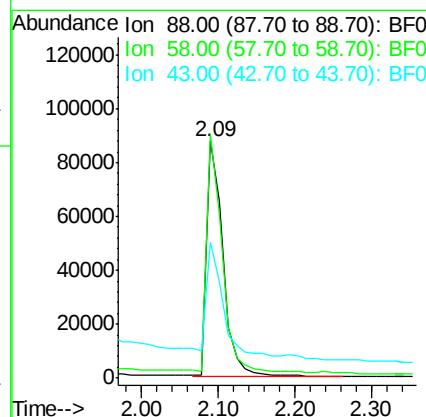
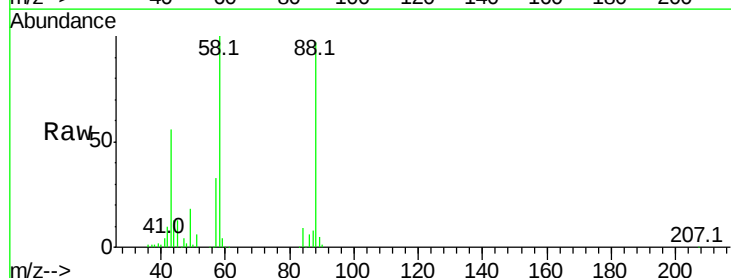
RT: 2.09 min Scan# 44

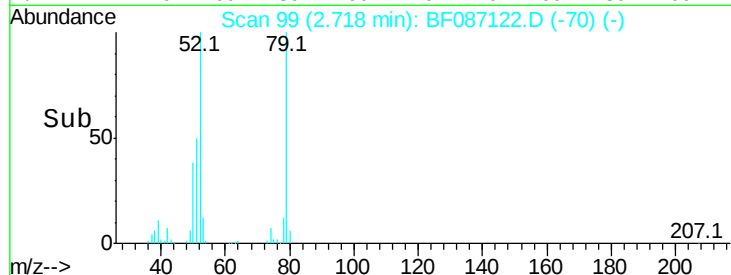
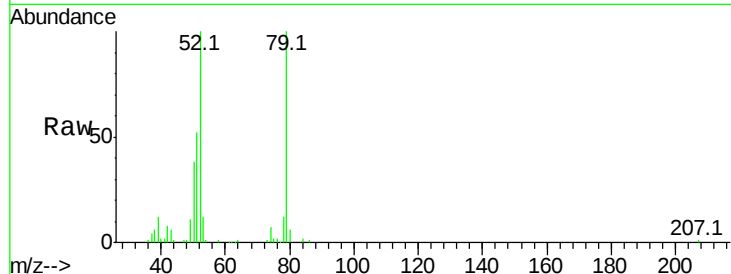
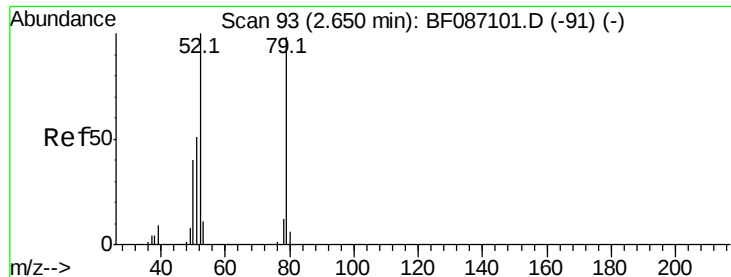
Delta R.T. 0.03 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Tgt Ion:	88	Resp:	128392
Ion Ratio	Lower	Upper	
88	100		
58	96.3	59.6	89.4#
43	62.9	21.8	32.6#





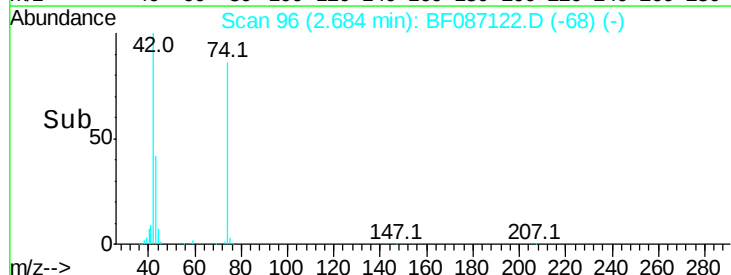
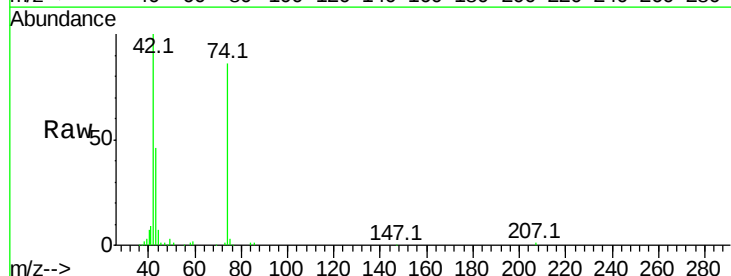
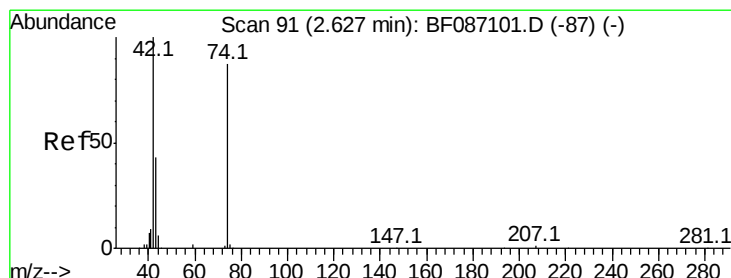
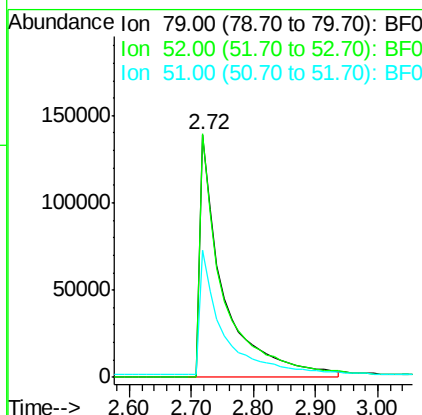
#3
 Pvridine
 Concen: 35.28 ng
 RT: 2.72 min Scan# 99
 Delta R.T. 0.03 min
 Lab File: BF087122.D
 Acq: 18 May 2016 00:52

Tot Ion	Ratio	Resp Lower	Upper
79	100		
52	100.4	55.9	83.9#
51	52.2	28.1	42.1#

Instrument :
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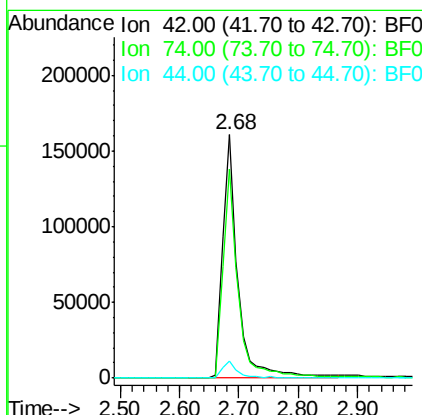
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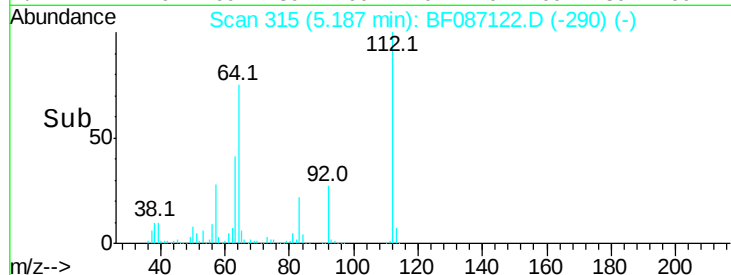
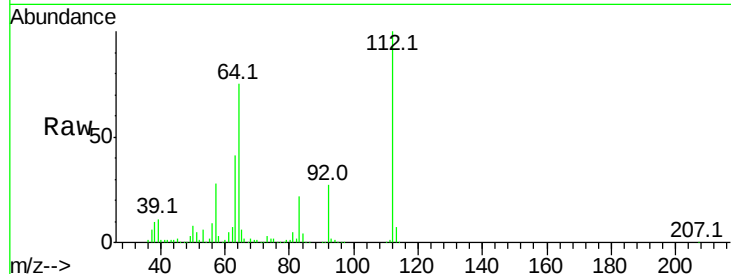
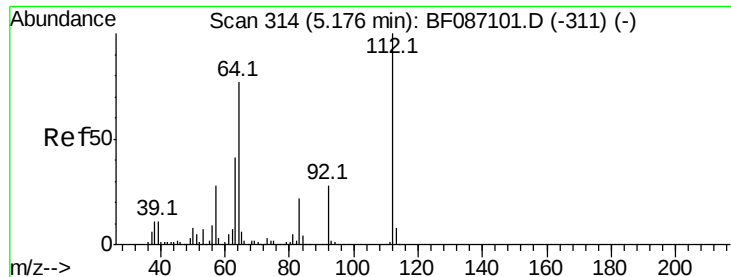
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#4
 n-Nitrosodimethylamine
 Concen: 38.08 ng
 RT: 2.68 min Scan# 96
 Delta R.T. 0.02 min
 Lab File: BF087122.D
 Acq: 18 May 2016 00:52

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
74	85.7	123.4	185.0#
44	6.9	5.8	8.6





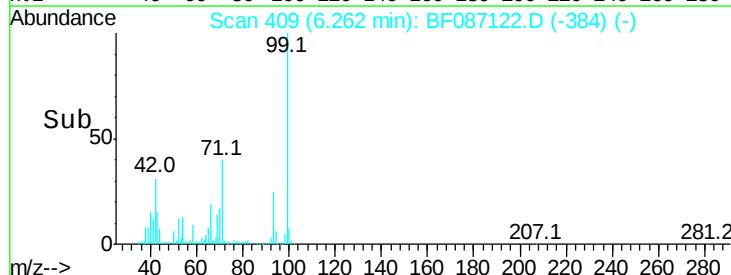
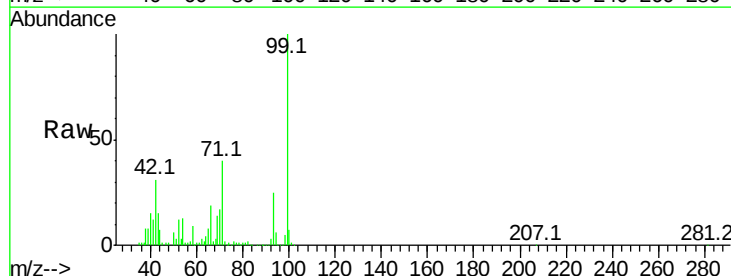
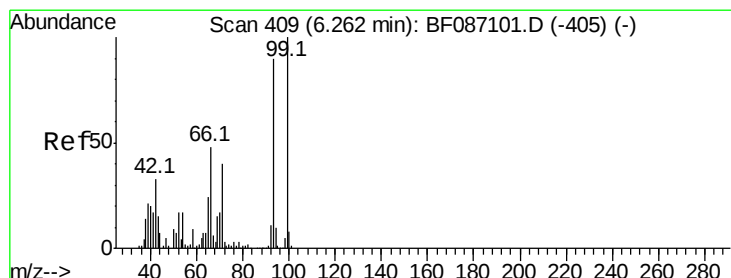
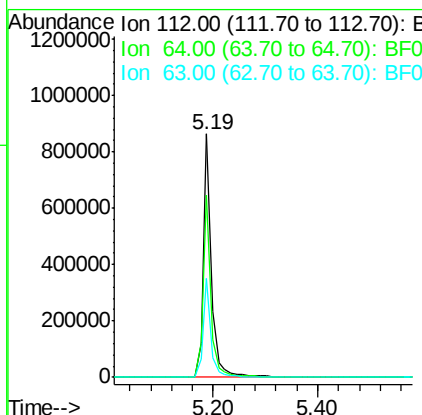
#5
2-Fluorophenol
Concen: 112.85 ng
RT: 5.19 min Scan# 315
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	75.0	52.1	78.1
63	40.7	25.7	38.5#

Instrument :
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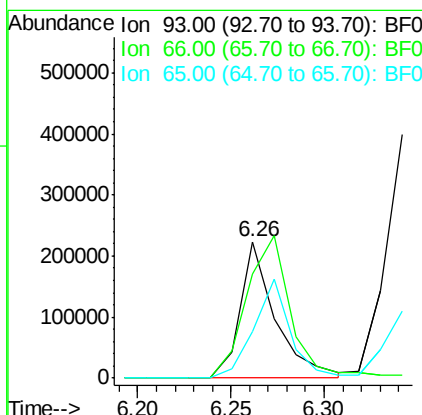
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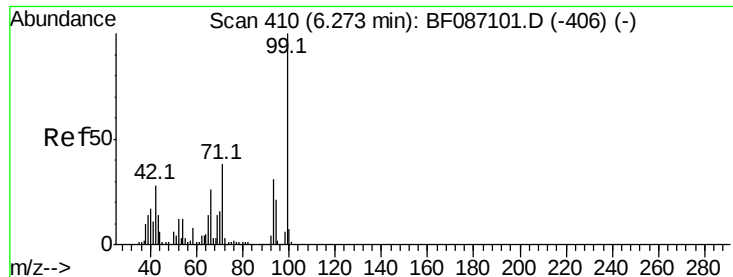
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#6
Aniline
Concen: 20.66 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	76.1	39.0	58.6#
65	33.7	20.6	31.0#





#7

Phenol-d6

Concen: 108.97 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Instrument :

BNA_F

ClientSampleId :

PB90662BS

Tot Ion: 99 Resp: 1228819

Ion Ratio Lower Upper

99 100

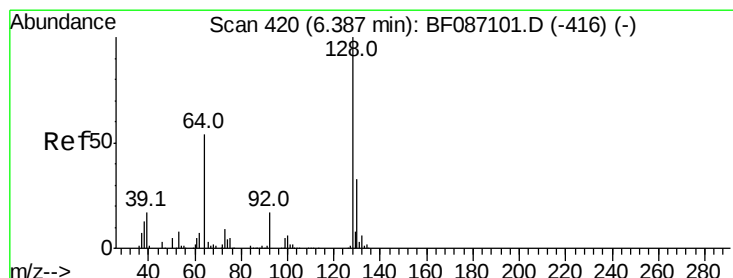
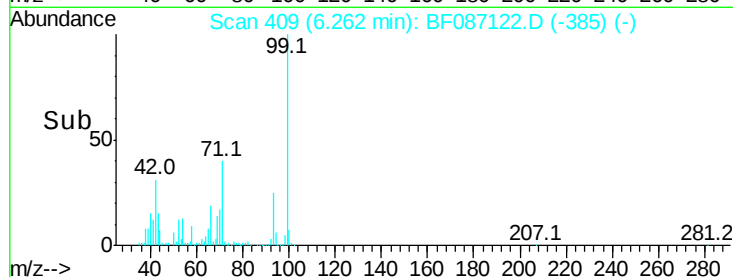
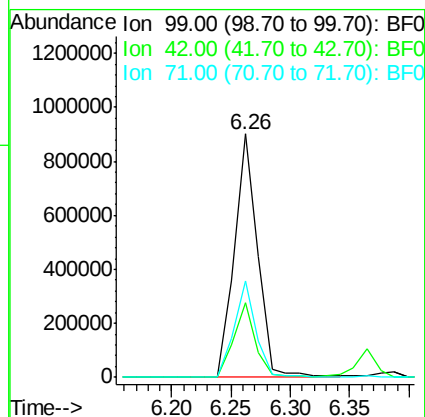
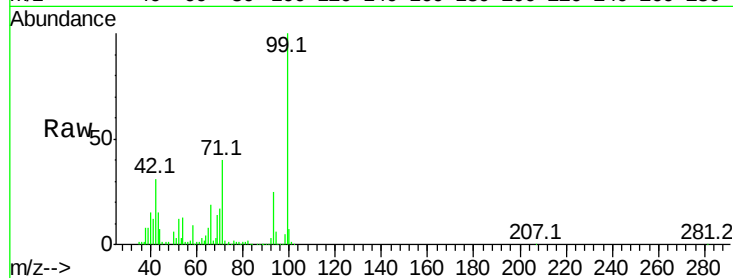
42 30.7 13.6 20.4#

71 39.6 24.6 36.8#

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#8

2-Chlorophenol

Concen: 37.26 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

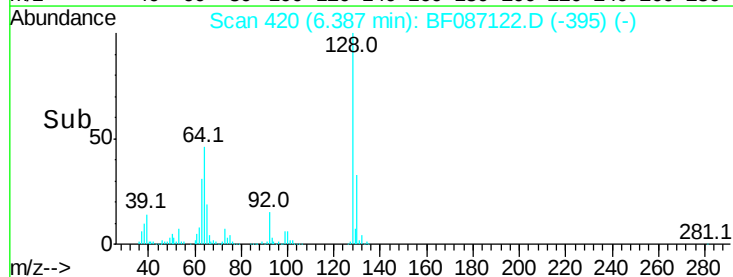
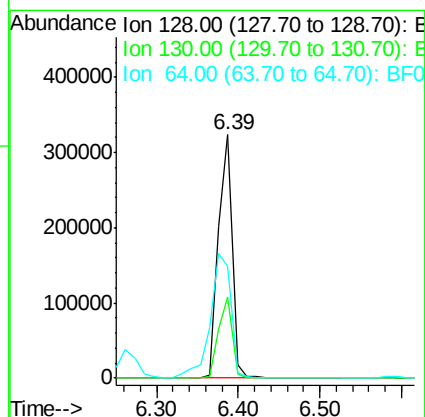
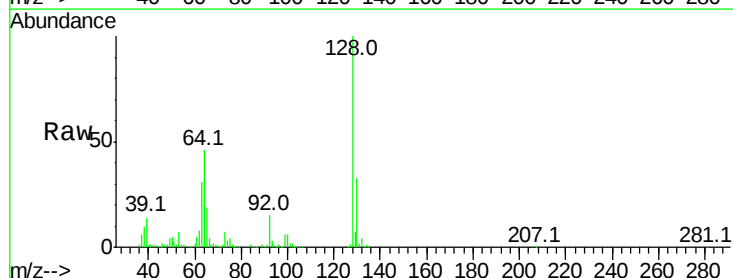
Tgt Ion: 128 Resp: 381203

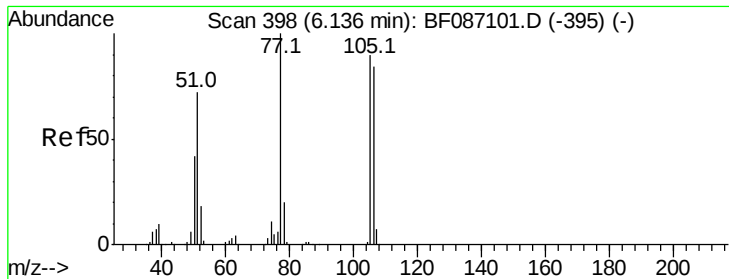
Ion Ratio Lower Upper

128 100

130 33.3 12.5 52.5

64 46.0 27.3 67.3





#9

Benzaldehyde

Concen: 2.92 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Instrument :

BNA_F

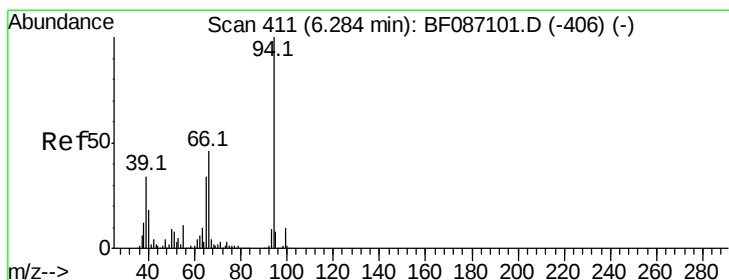
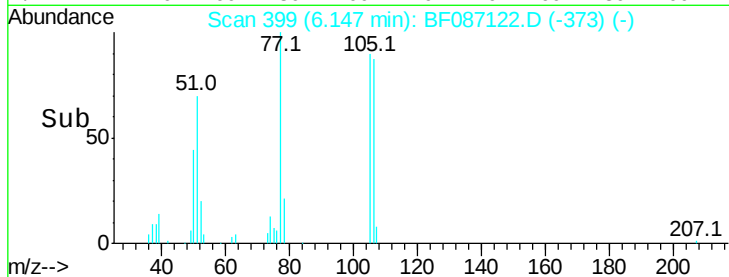
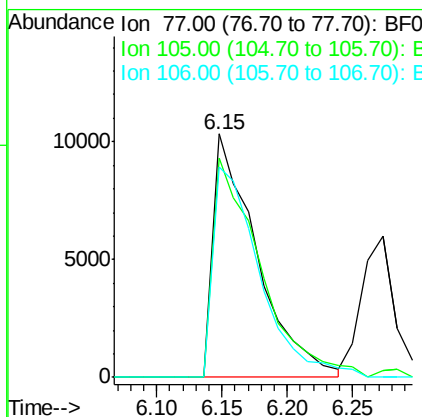
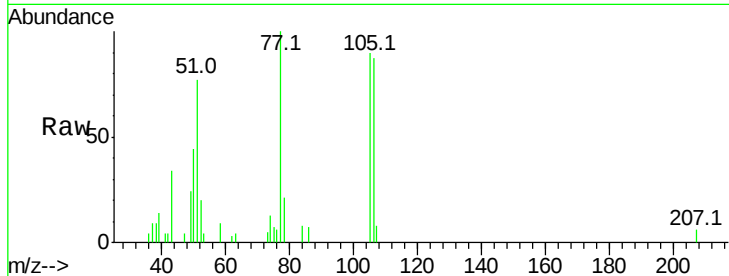
ClientSampled :

PB90662BS

Tot Ion:	77	Resp:	24211
Ion Ratio	Lower	Upper	
77	100		
105	89.8	72.7	112.7
106	86.5	70.8	110.8

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#10

Phenol

Concen: 30.66 ng

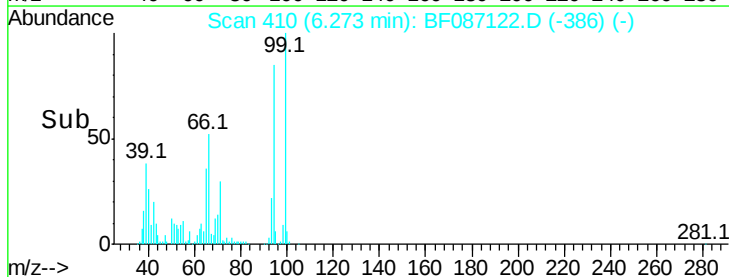
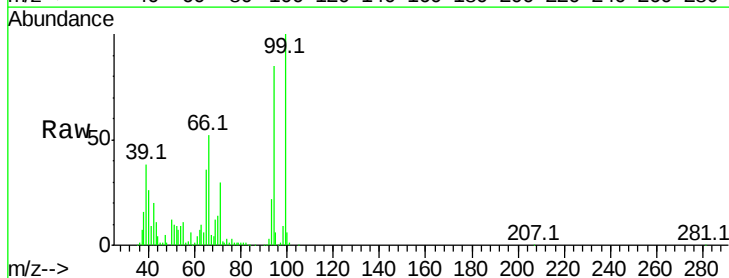
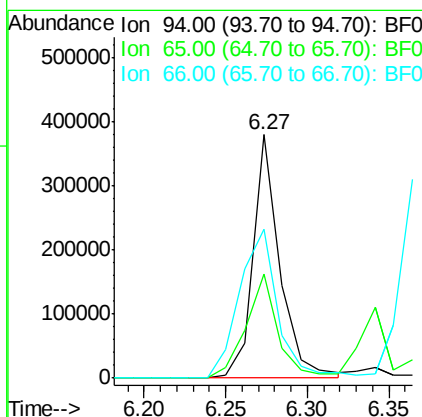
RT: 6.27 min Scan# 410

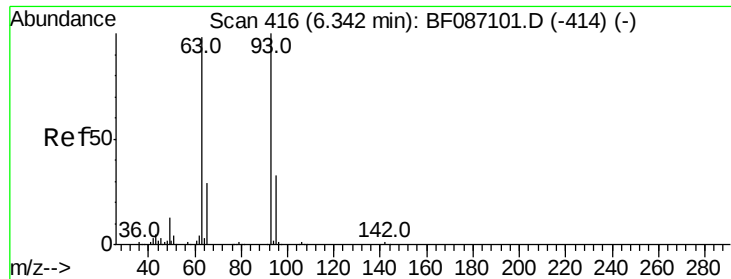
Delta R.T. -0.02 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Tgt Ion:	94	Resp:	434700
Ion Ratio	Lower	Upper	
94	100		
65	42.7	7.2	47.2
66	61.2	14.9	54.9#





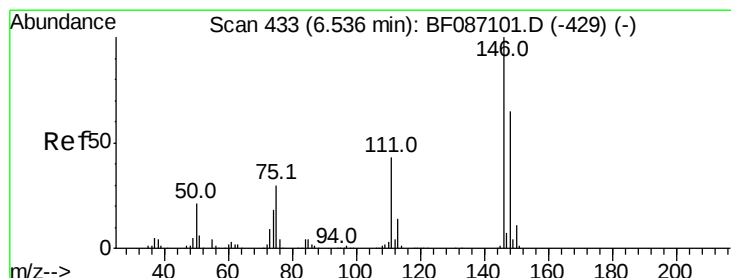
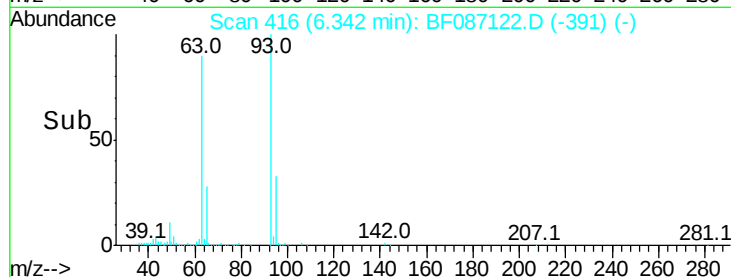
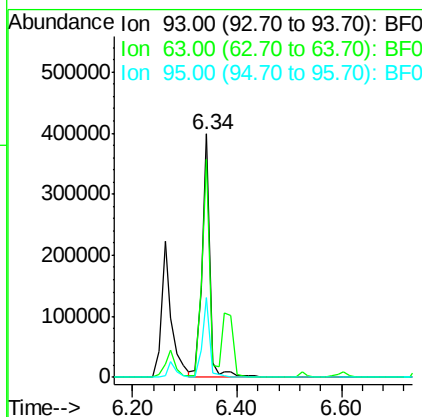
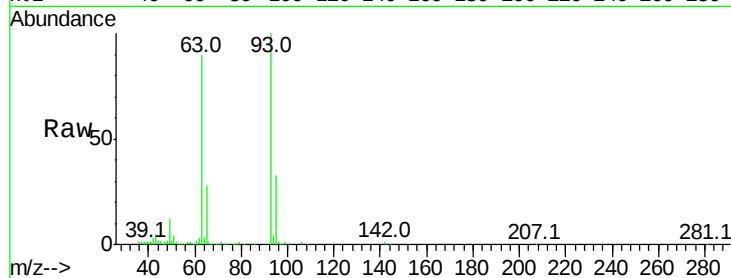
#11
bis(2-Chloroethyl)ether
Concen: 39.63 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Instrument :
BNA_F
ClientSampleId :
PB90662BS

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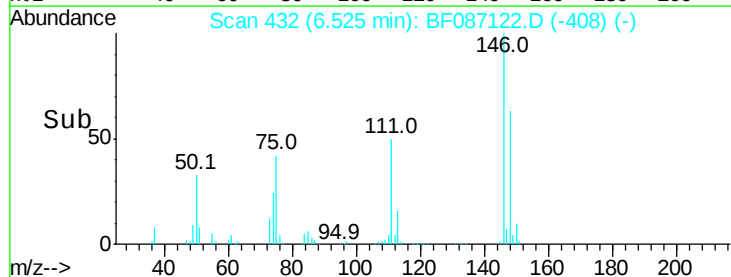
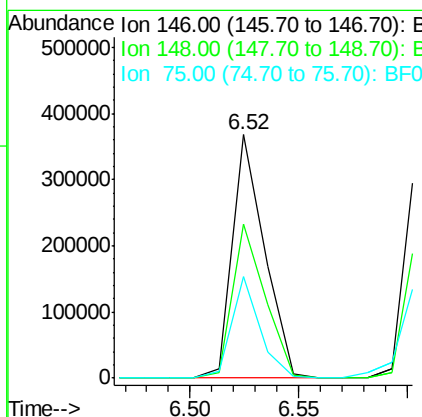
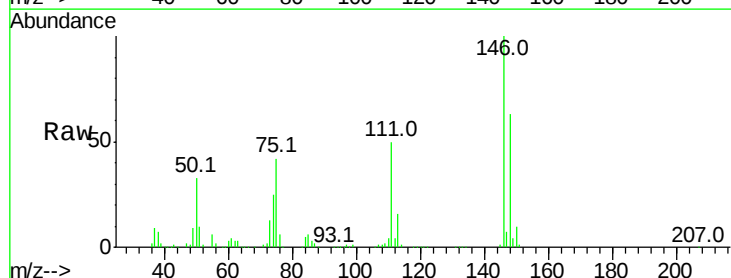
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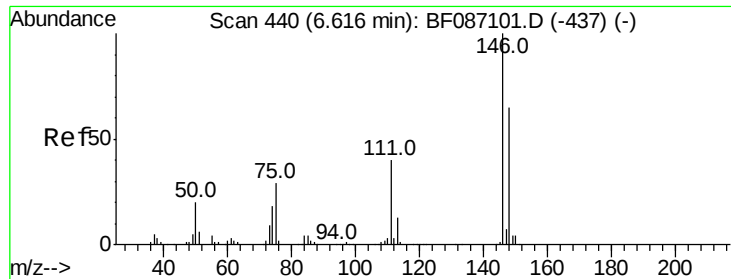
Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	89.7	58.0	98.0	
95	32.7	11.9	51.9	



#12
1,3-Dichlorobenzene
Concen: 35.40 ng m
RT: 6.52 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.3	52.4	78.6	
75	41.7	22.8	34.2	





#13

1,4-Dichlorobenzene

Concen: 35.14 ng m

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Instrument :

BNA_F

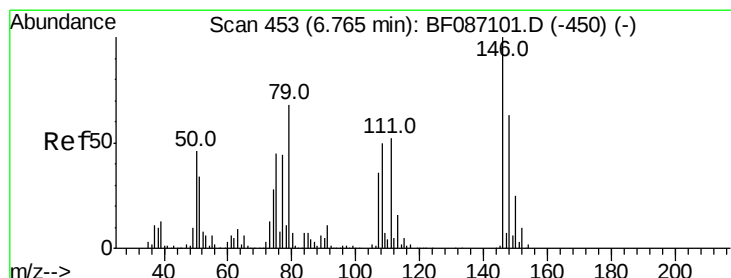
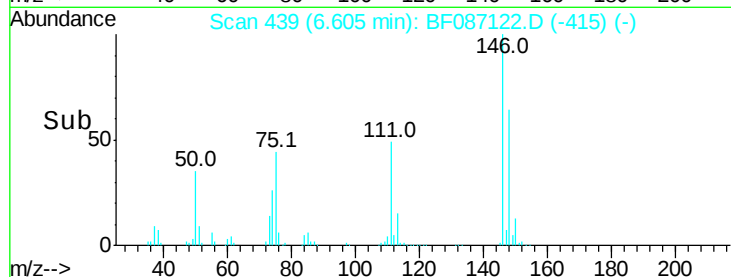
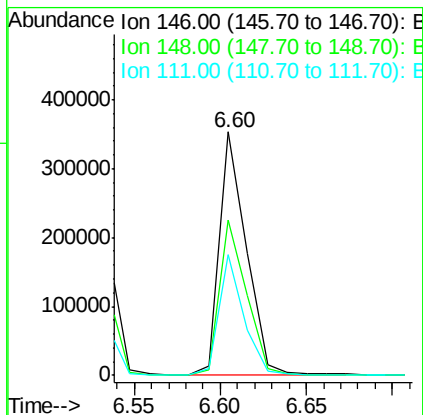
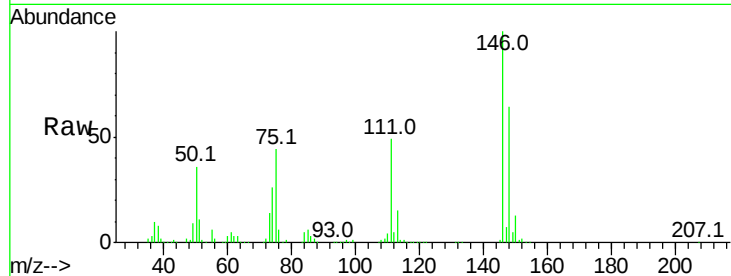
ClientSampled :

PB90662BS

Tot Ion:	146	Resp:	390968
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.2	78.4
111	49.3	30.7	46.1#

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#14

1,2-Dichlorobenzene

Concen: 37.47 ng

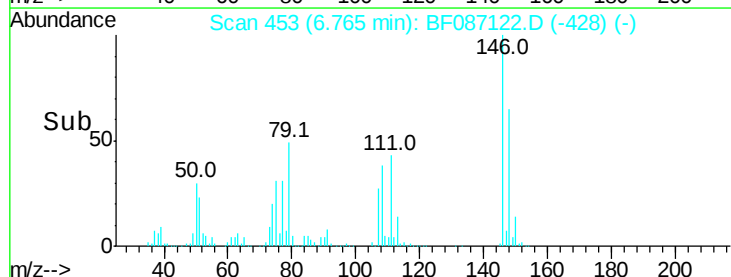
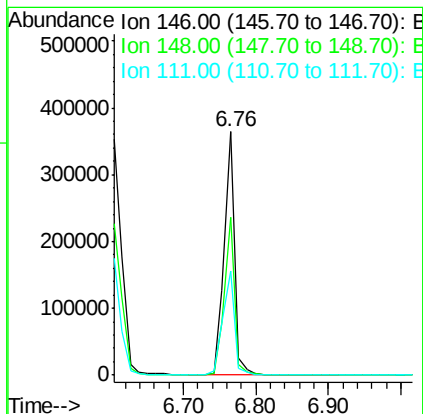
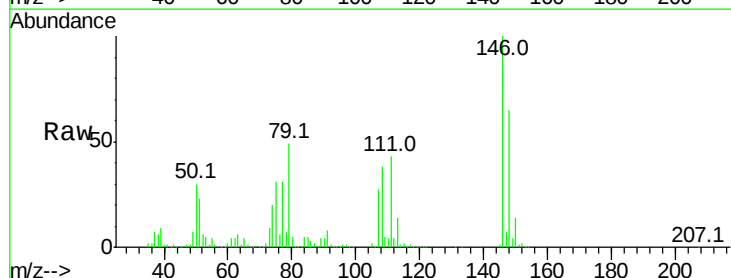
RT: 6.76 min Scan# 453

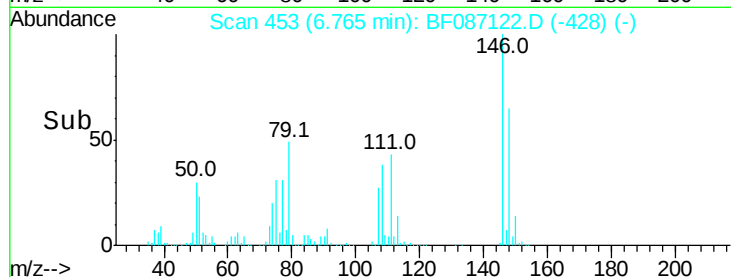
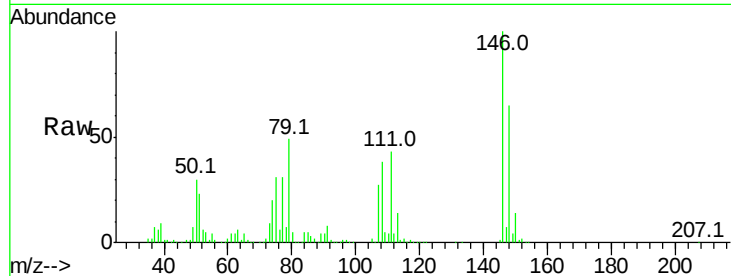
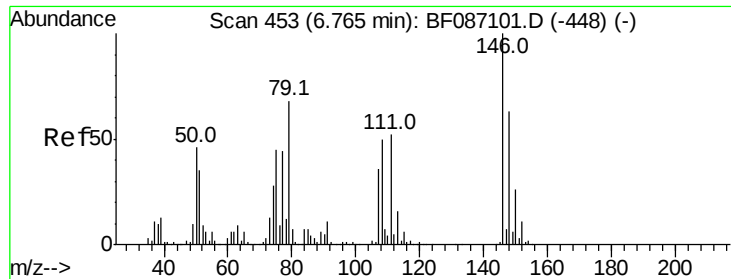
Delta R.T. -0.01 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Tgt Ion:	146	Resp:	364951
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.0	76.6
111	42.8	36.2	54.4





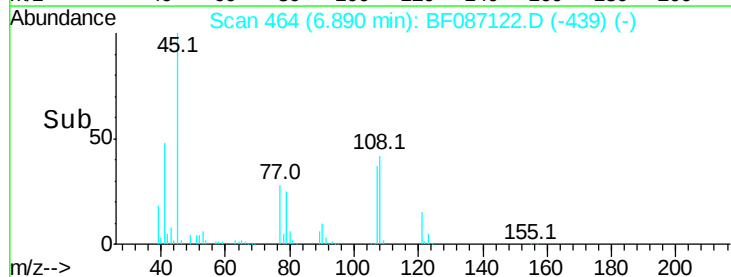
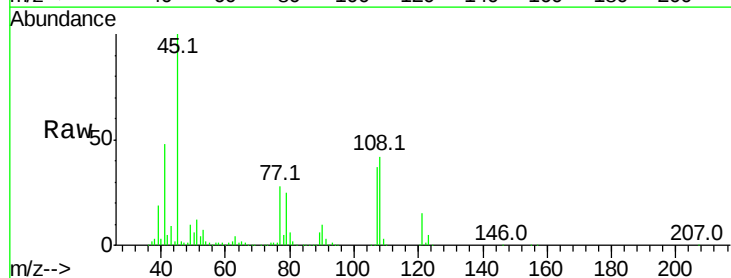
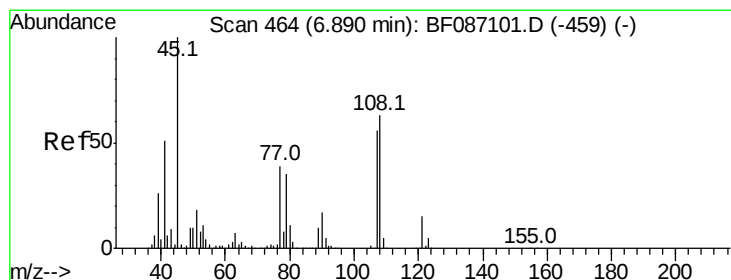
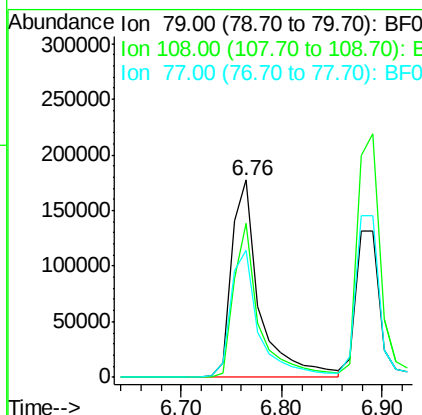
#15
Benzyl Alcohol
Concen: 40.77 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	77.9	68.4	102.6	
77	64.6	50.6	76.0	

Instrument :
BNA_F
ClientSampled :
PB90662BS

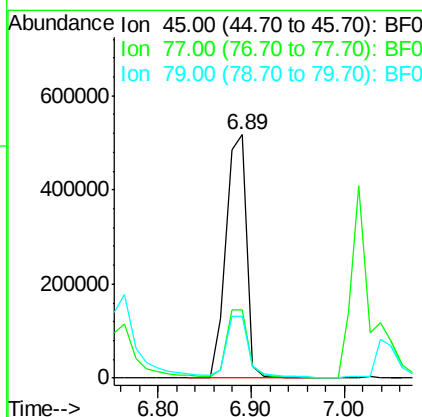
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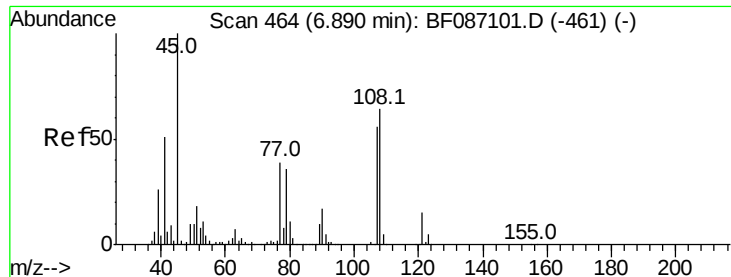
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.48 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	28.0	0.0	36.4	
79	25.5	0.0	33.4	





#17

2-Methylphenol

Concen: 36.23 ng

RT: 6.89 min Scan# 464

Delta R.T. -0.01 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Instrument :

BNA_F

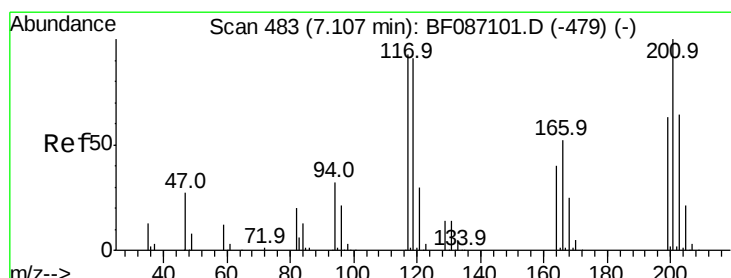
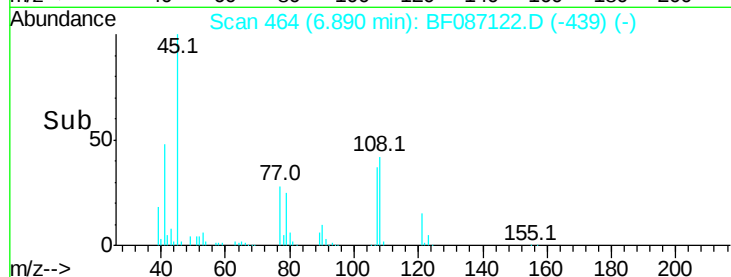
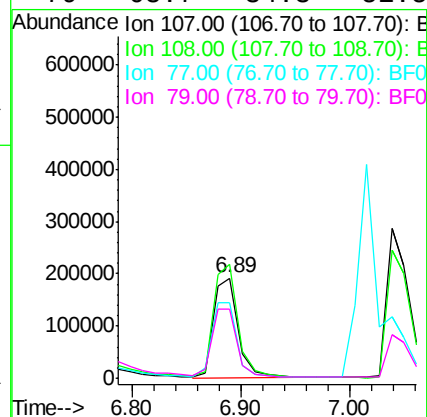
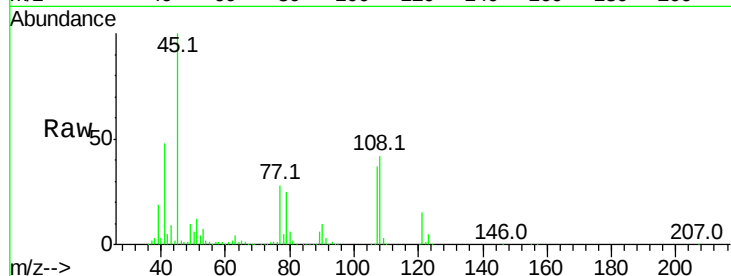
ClientSampleId :

PB90662BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	93.7	140.5	
77	75.5	33.4	50.0	
79	68.7	34.3	51.5	

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#18

Hexachloroethane

Concen: 35.77 ng

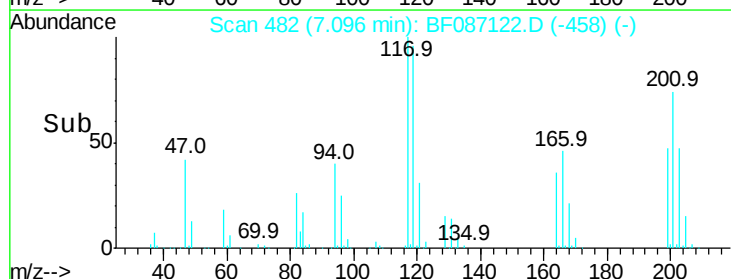
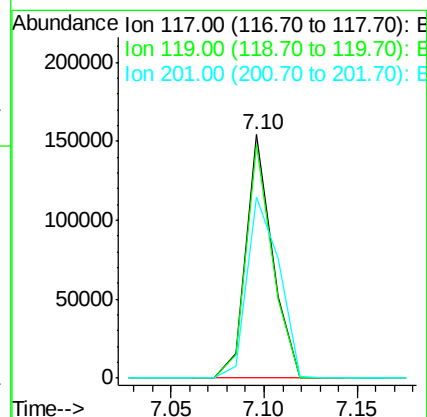
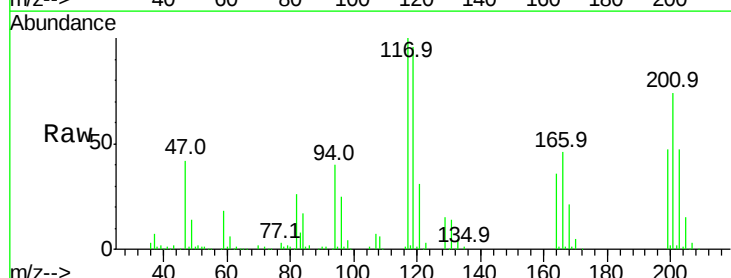
RT: 7.10 min Scan# 482

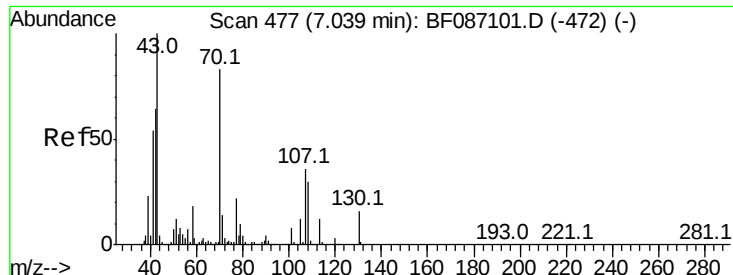
Delta R.T. -0.02 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	76.5	114.7	
201	74.5	63.0	94.6	





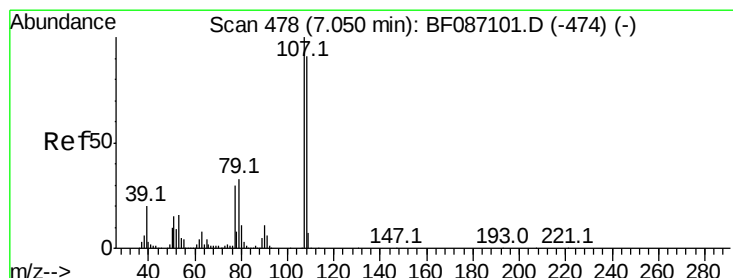
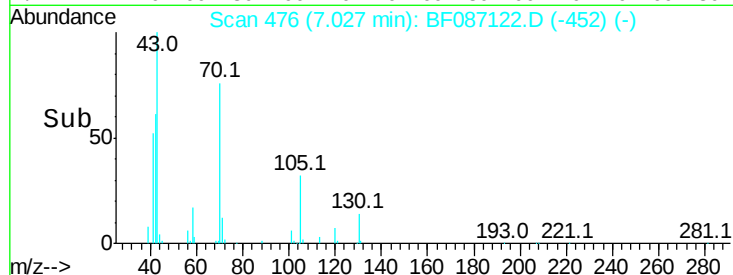
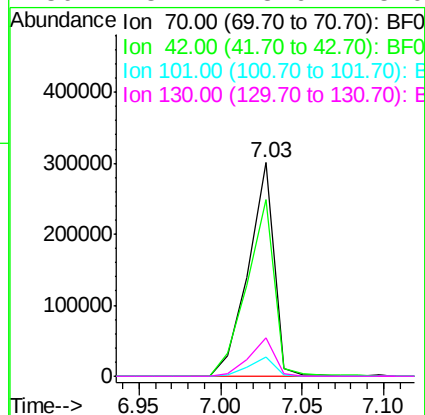
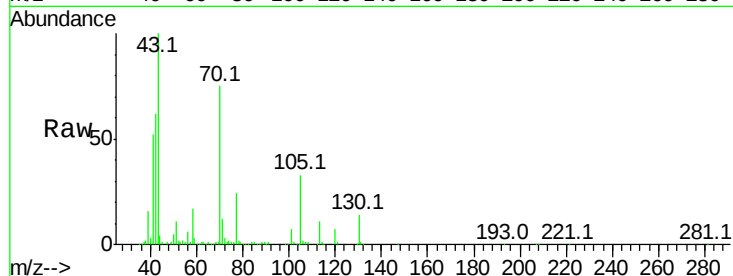
#19
n-Nitroso-di-n-propylamine
Concen: 38.76 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Instrument :
BNA_F
ClientSampleId :
PB90662BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	82.7	43.1	64.7#		
101	8.9	8.1	12.1		
130	18.1	18.6	28.0#		

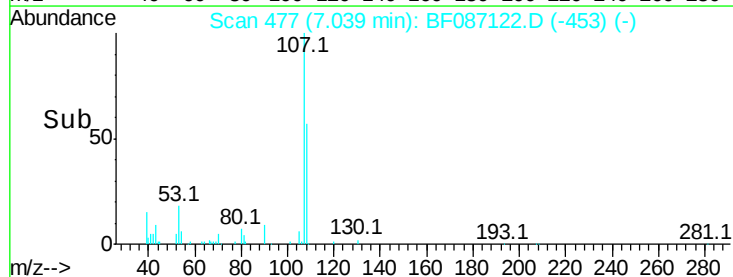
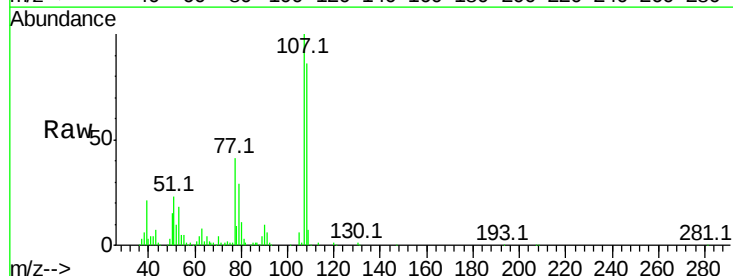
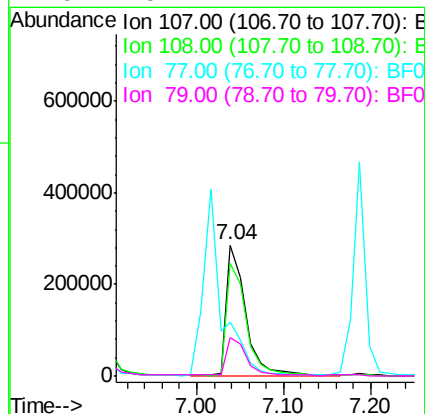
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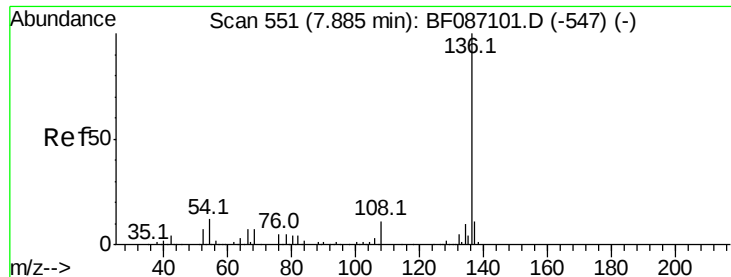
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#20
3+4-Methylphenols
Concen: 39.79 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.7	68.5	108.5		
77	40.8	101.6	141.6#		
79	29.1	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: BF087122.D

Acq: 18 May 2016 00:52

Instrument :

BNA_F

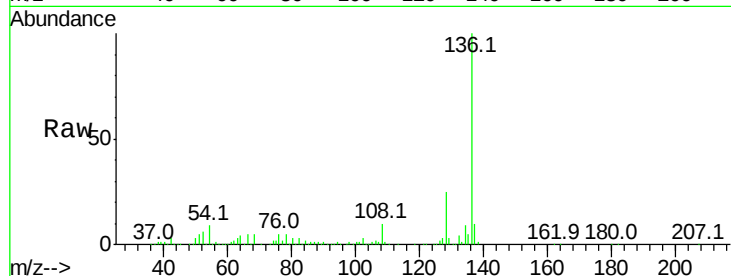
ClientSampleId :

PB90662BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.8	13.2	
54	9.2	5.0	7.4#	
68	5.2	4.4	6.6	

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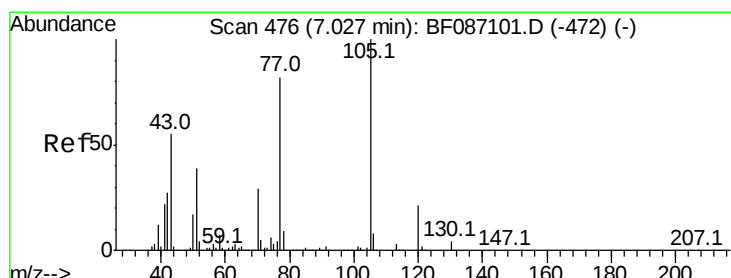
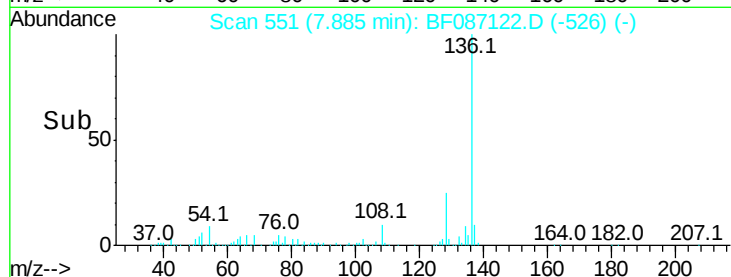
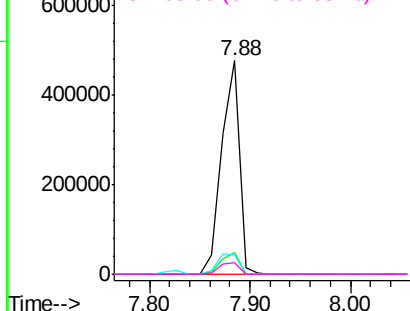


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.18 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

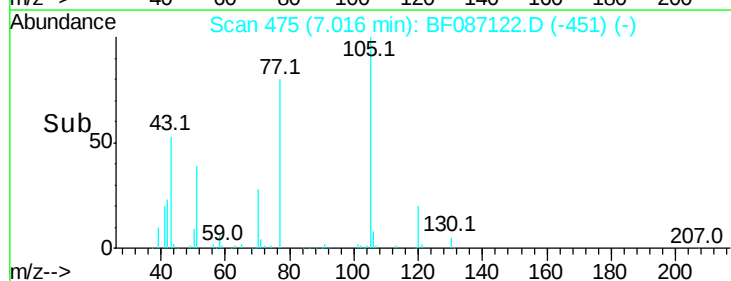
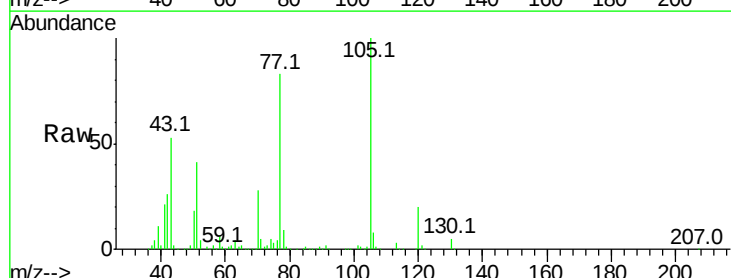
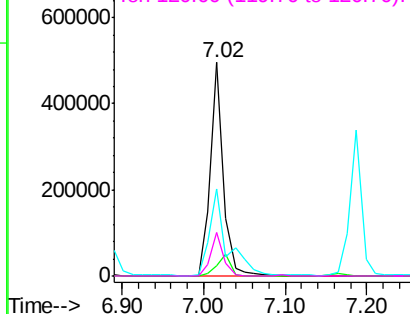
Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.6	4.8	7.2#	
51	40.7	32.6	49.0	
120	20.3	16.5	24.7	

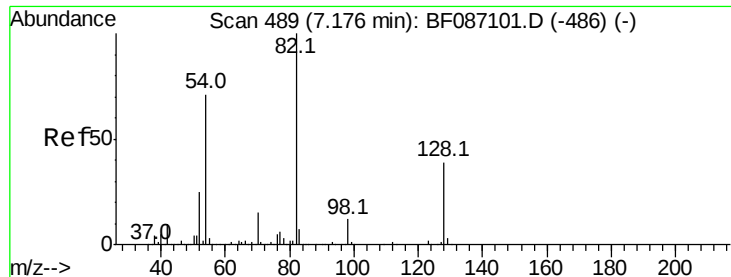
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





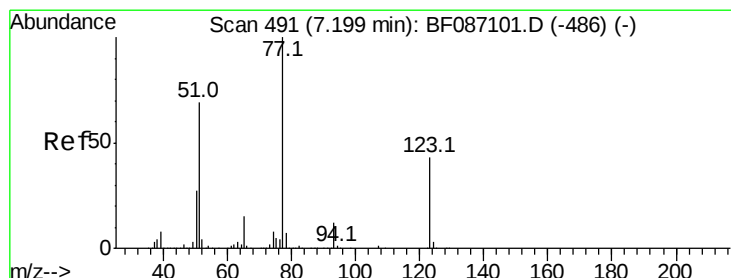
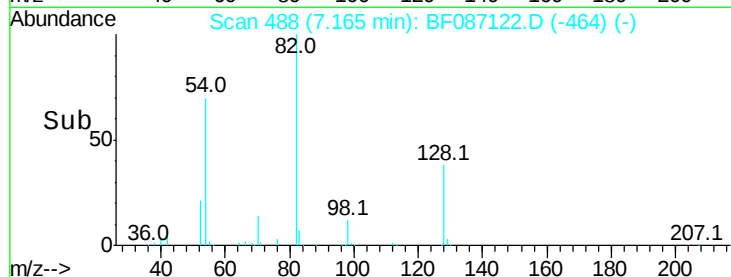
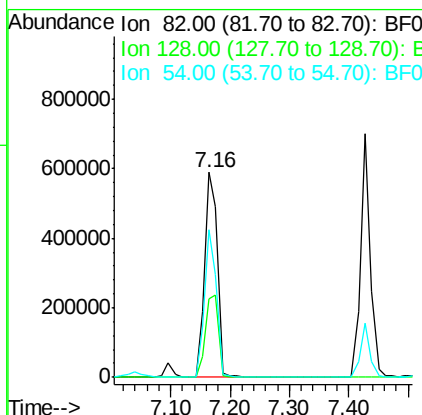
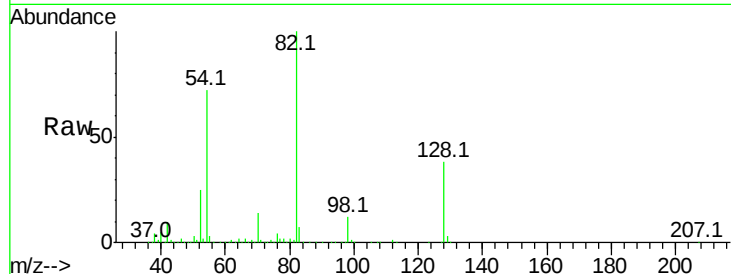
#23
Nitrobenzene-d5
Concen: 76.22 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Instrument :
BNA_F
ClientSampleId :
PB90662BS

Tot Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	38.1	40.6	61.0#
54	72.1	38.1	57.1#

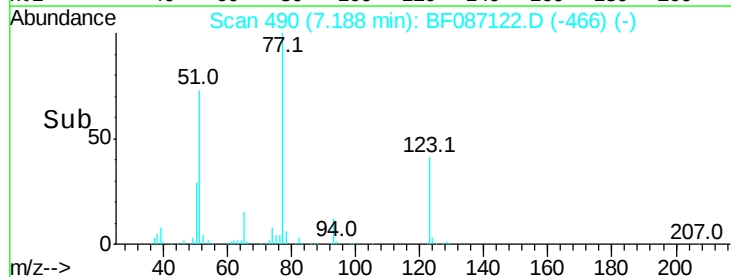
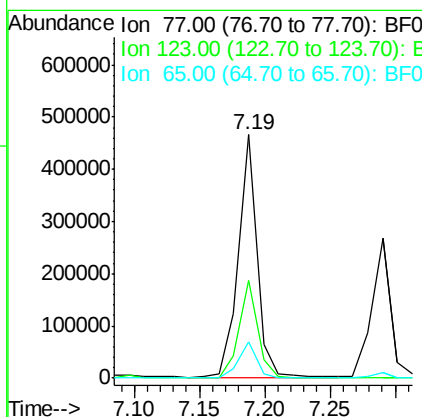
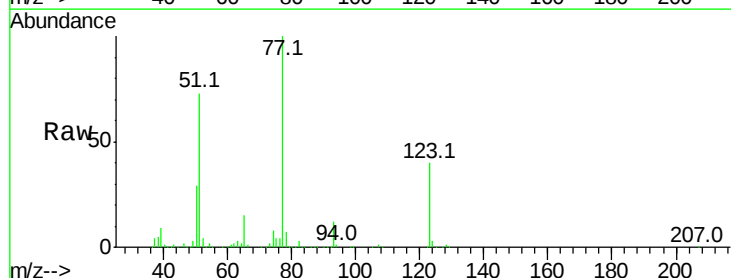
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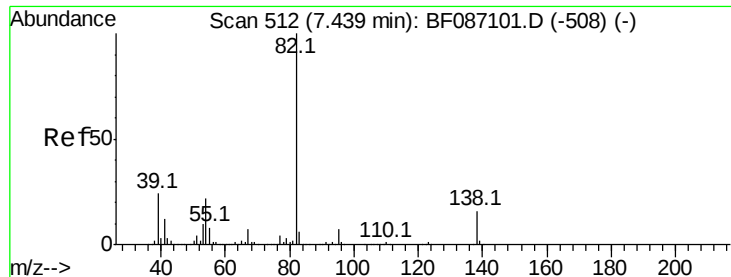
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#24
Nitrobenzene
Concen: 35.92 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	40.2	33.0	49.4
65	15.0	10.8	16.2





#25

Isophorone

Concen: 37.26 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.02 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Instrument :

BNA_F

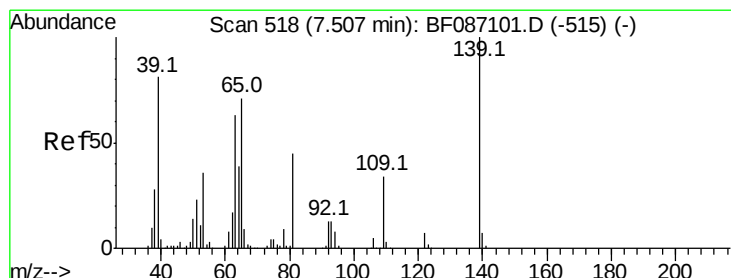
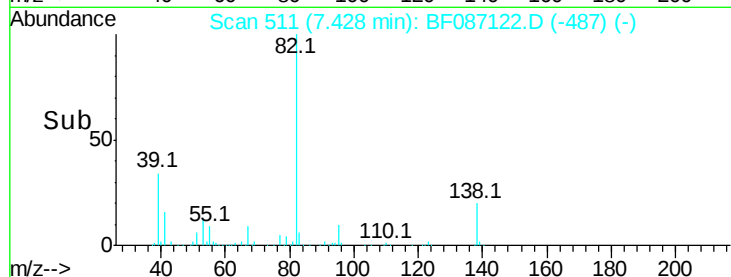
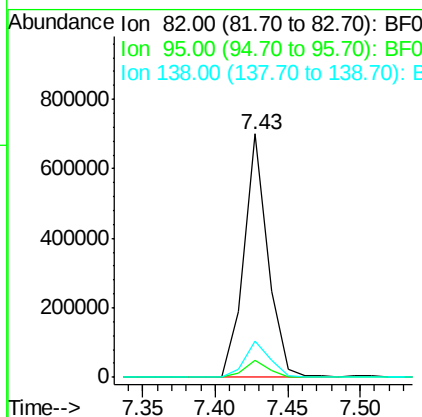
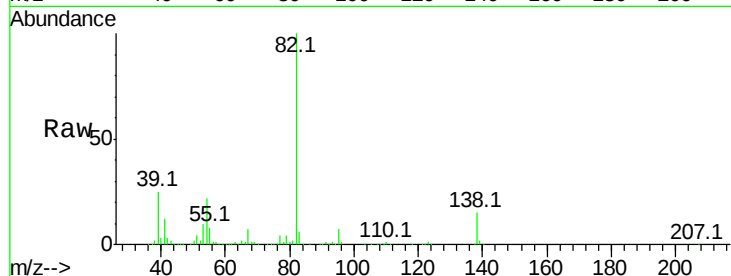
ClientSampleId :

PB90662BS

Tot Ion:	82	Resp:	801334
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.1	7.7
138	14.9	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.95 ng

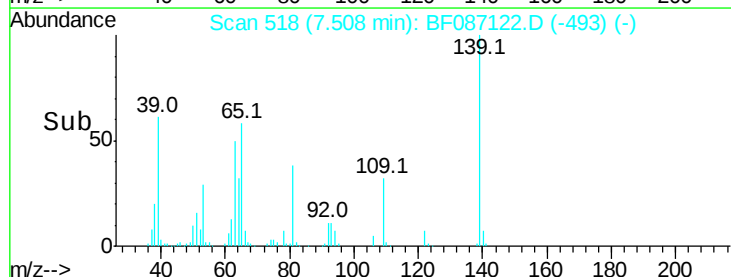
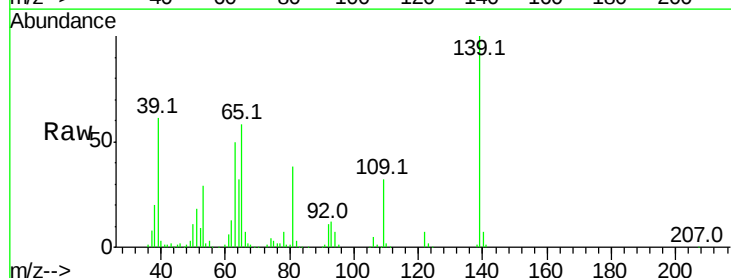
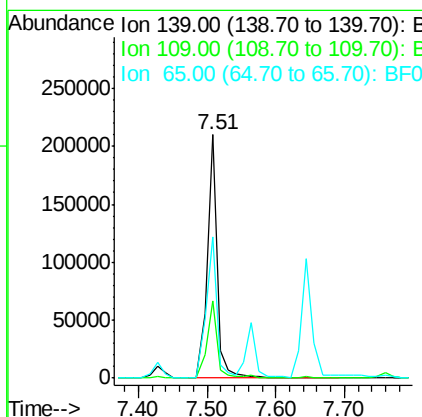
RT: 7.51 min Scan# 518

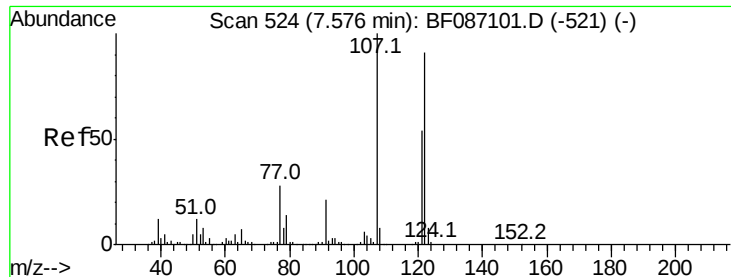
Delta R.T. -0.01 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Tgt Ion:	139	Resp:	212271
Ion Ratio	Lower	Upper	
139	100		
109	31.6	19.5	29.3#
65	58.2	37.5	56.3#





#27

2,4-Dimethylphenol

Concen: 40.54 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Instrument :

BNA_F

ClientSampleId :

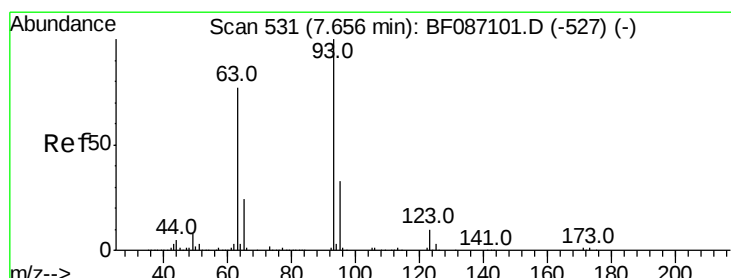
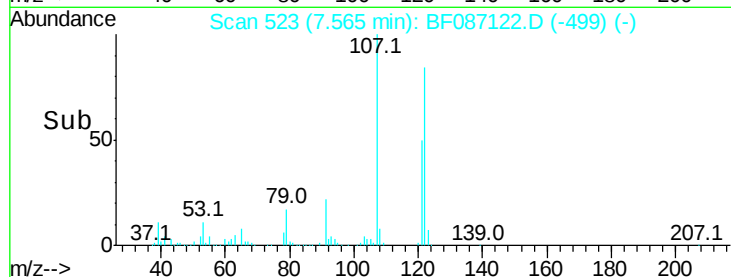
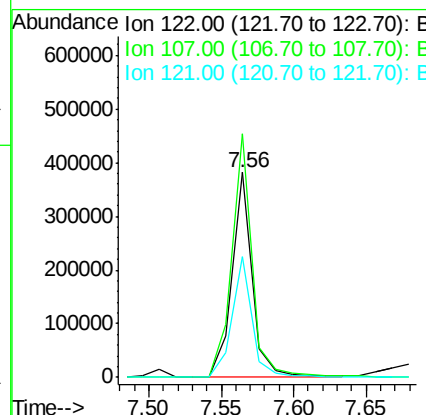
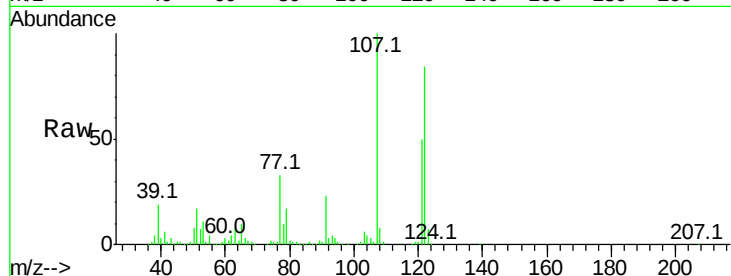
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Tot Ion:	122	Resp:	367546
Ion Ratio	Lower	Upper	
122	100		
107	119.0	82.0	123.0
121	59.1	46.1	69.1



#28

bis(2-Chloroethoxy)methane

Concen: 38.48 ng

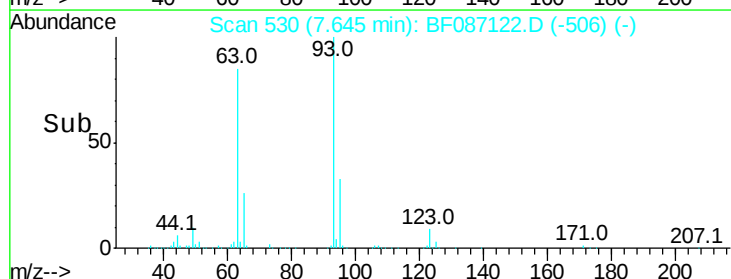
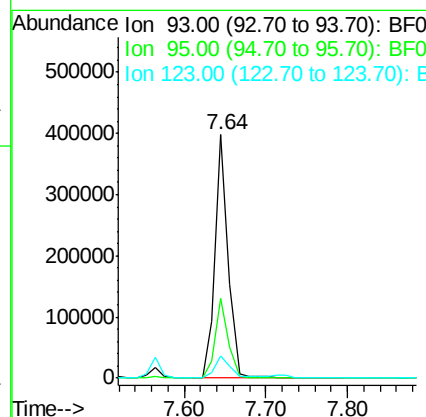
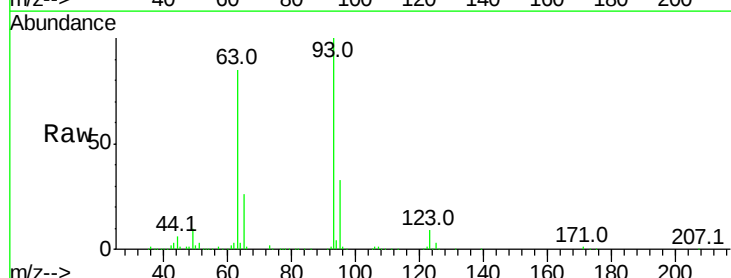
RT: 7.64 min Scan# 530

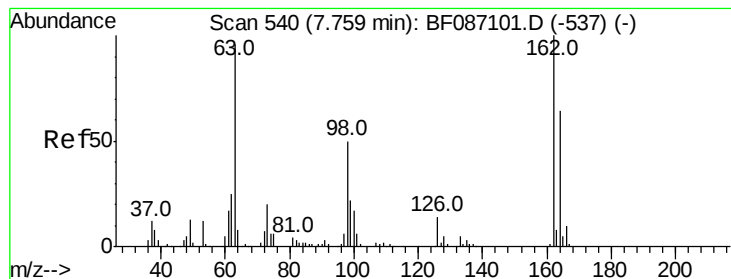
Delta R.T. -0.02 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Tgt Ion:	93	Resp:	454272
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.0	39.0
123	9.3	9.5	14.3#





#29

2,4-Dichlorophenol

Concen: 41.18 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Instrument :

BNA_F

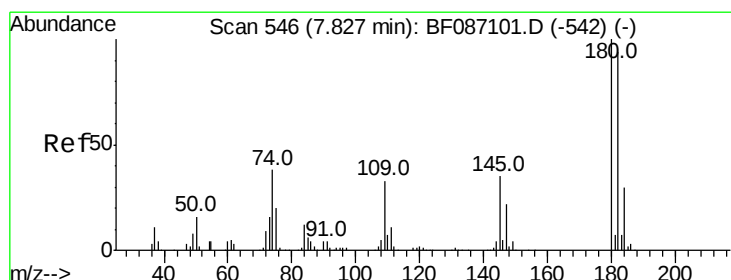
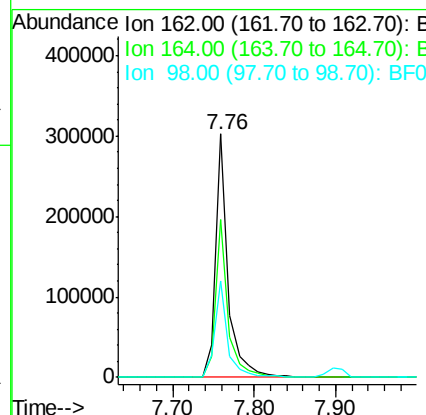
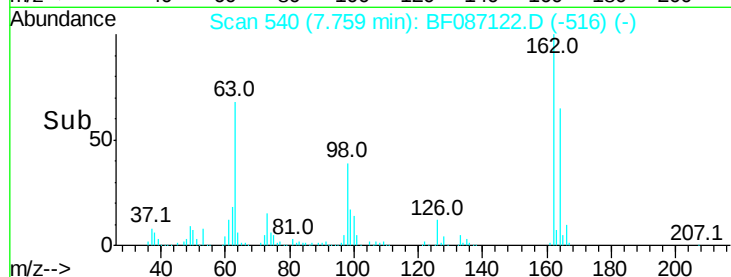
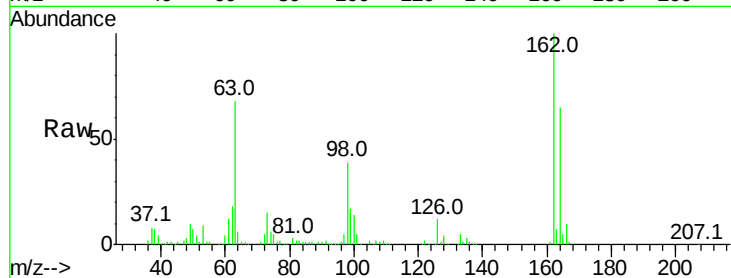
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.0	42.2	82.2	
98	39.5	19.0	59.0	



#30

1,2,4-Trichlorobenzene

Concen: 39.03 ng

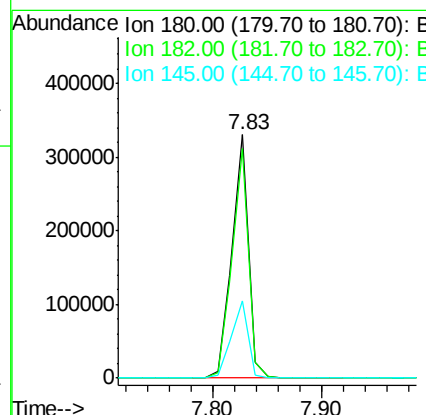
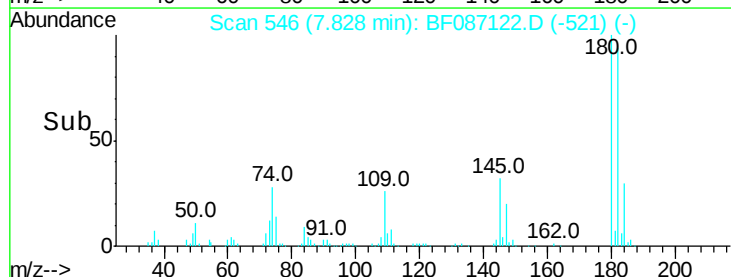
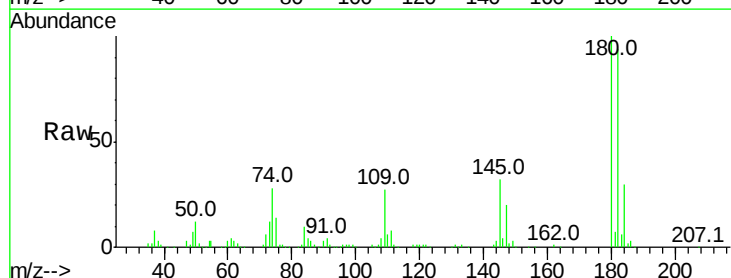
RT: 7.83 min Scan# 546

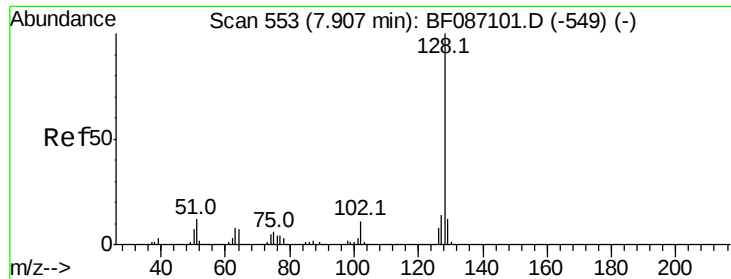
Delta R.T. -0.01 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.1	78.0	117.0	
145	31.6	24.2	36.2	





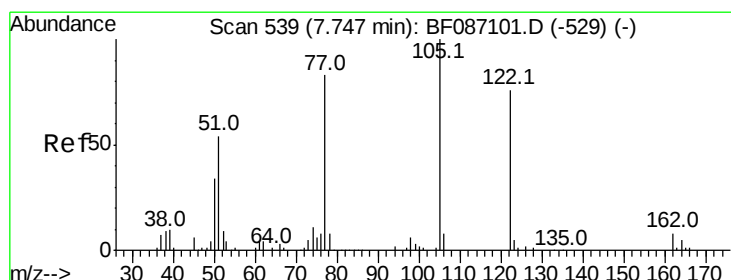
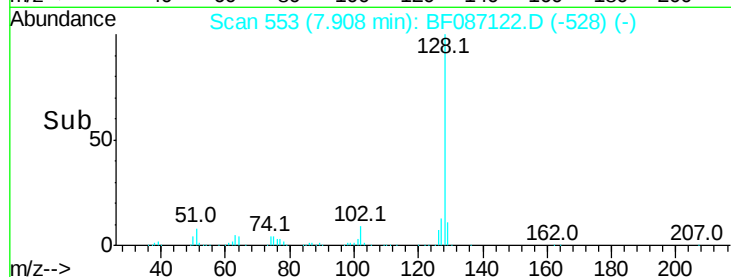
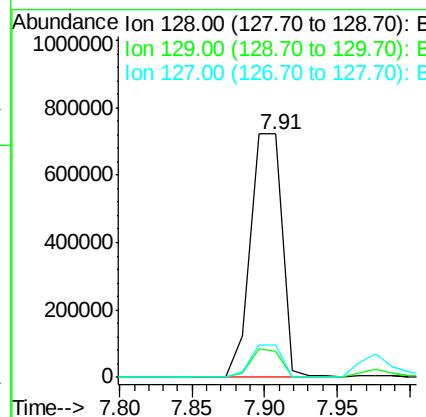
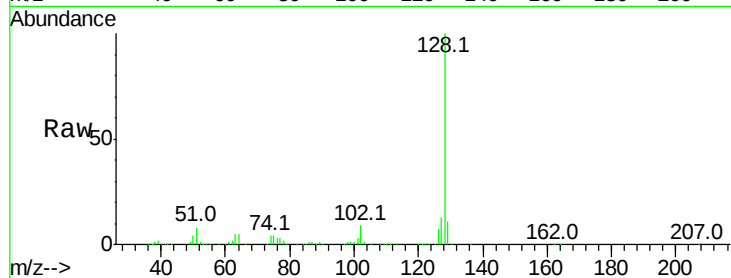
#31
Naphthalene
Concen: 38.33 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Instrument :
BNA_F
ClientSampleId :
PB90662BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.1	10.8	16.2

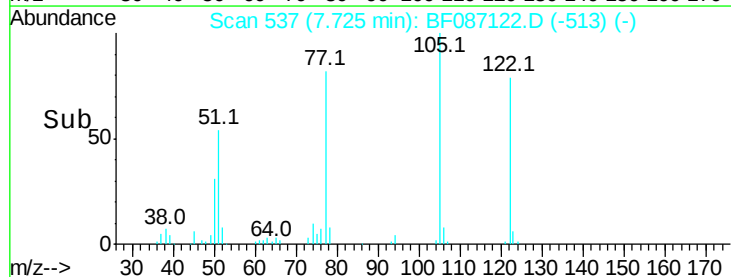
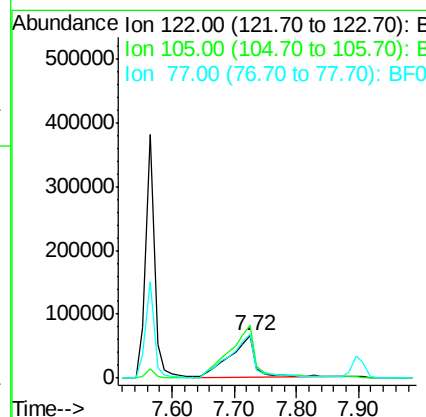
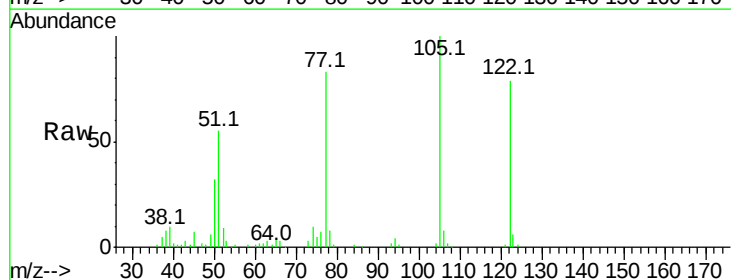
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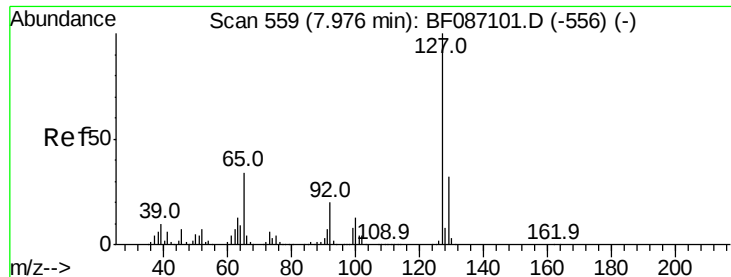
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#32
Benzoic acid
Concen: 35.45 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.1	92.6	132.6
77	105.2	60.0	100.0#





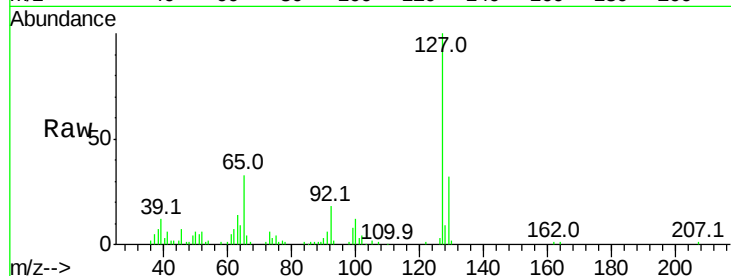
#33
4-Chloroaniline
Concen: 11.46 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Instrument :
BNA_F
ClientSampled :
PB90662BS

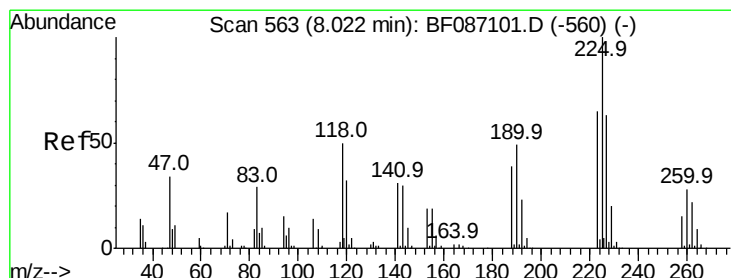
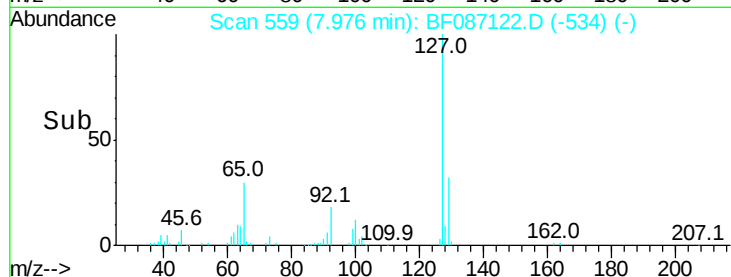
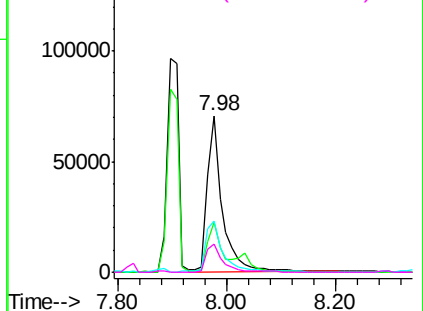
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Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	26.2	39.4	
65	32.7	23.0	34.4	
92	18.1	15.1	22.7	

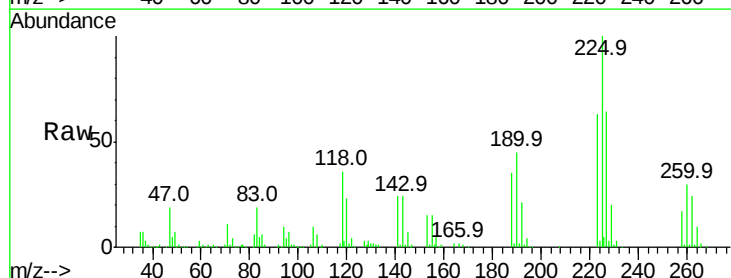


Abundance Ion 127.00 (126.70 to 127.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

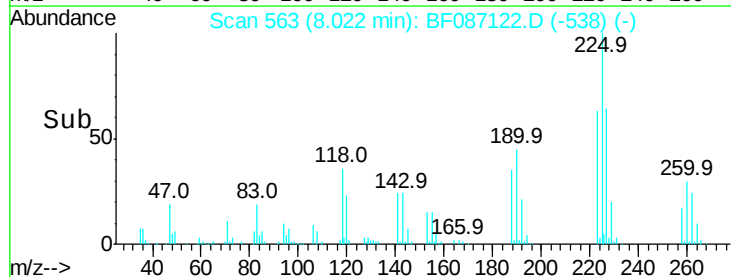
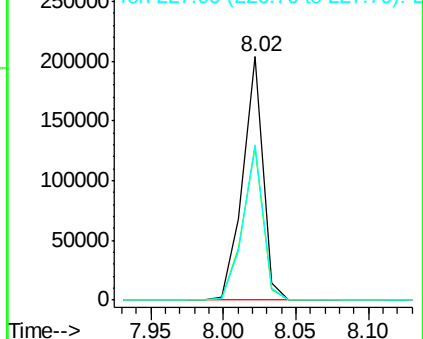


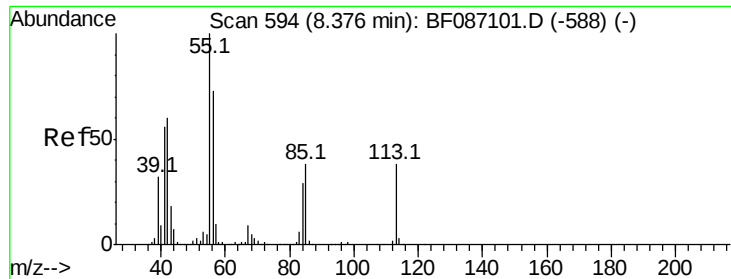
#34
Hexachlorobutadiene
Concen: 39.54 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	51.5	77.3	
227	63.5	52.2	78.2	



Abundance Ion 225.00 (224.70 to 225.70): E
250000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.62 ng/ml

RT: 8.35 min Scan# 592

Delta R.T. -0.03 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Instrument :

BNA_F

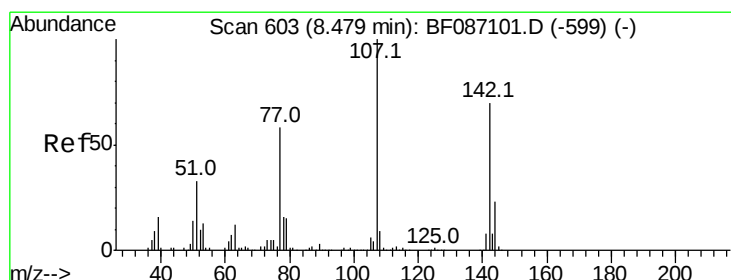
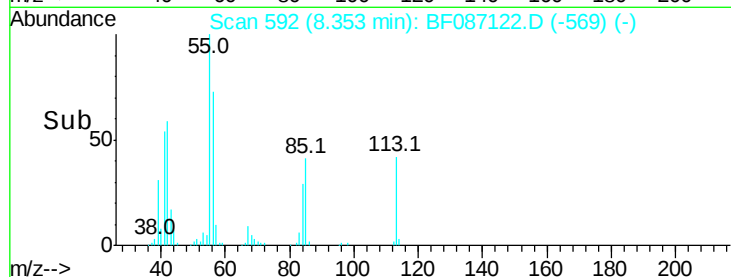
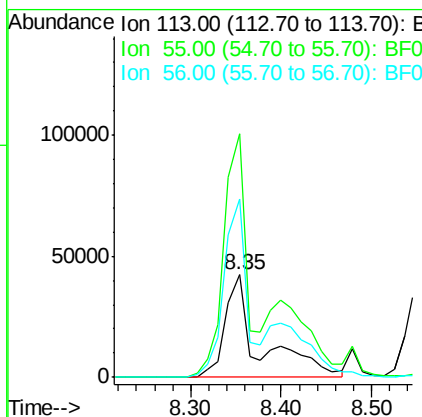
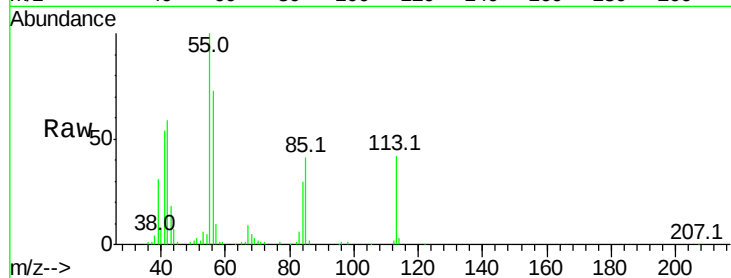
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	237.9	162.0	202.0#	
56	174.2	115.3	155.3#	

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#36

4-Chloro-3-methylphenol

Concen: 39.74 ng/ml

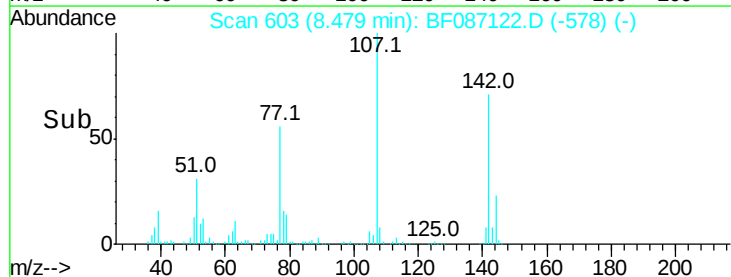
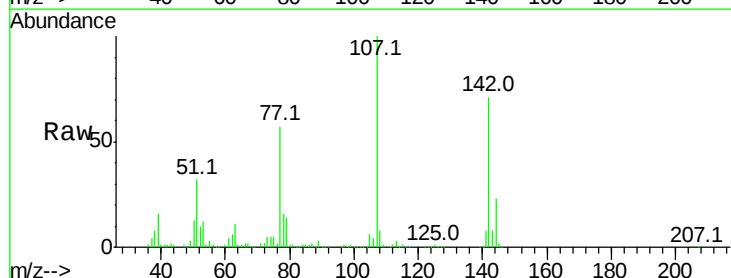
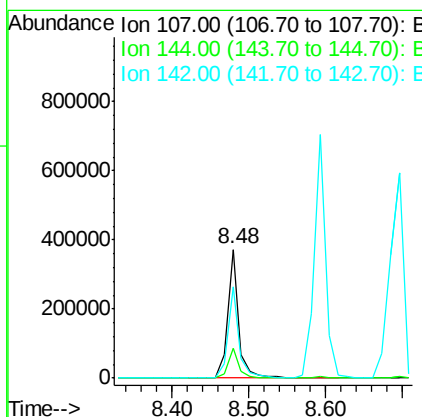
RT: 8.48 min Scan# 603

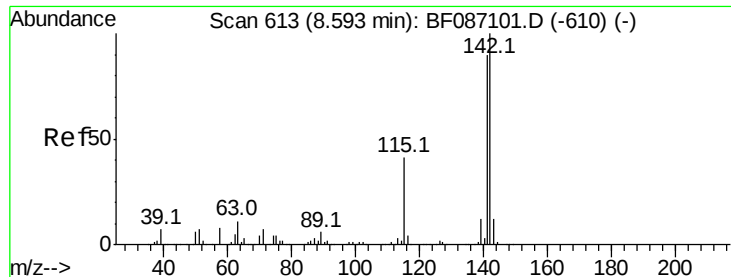
Delta R.T. -0.01 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	22.9	20.7	31.1	
142	71.2	63.2	94.8	





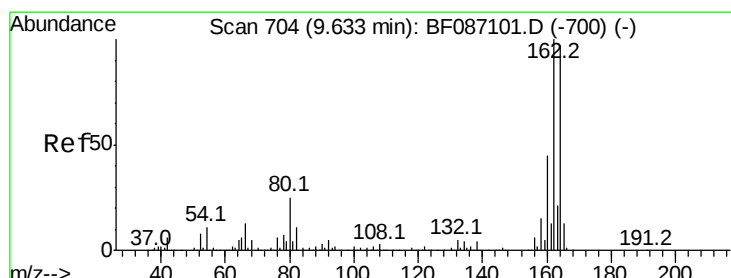
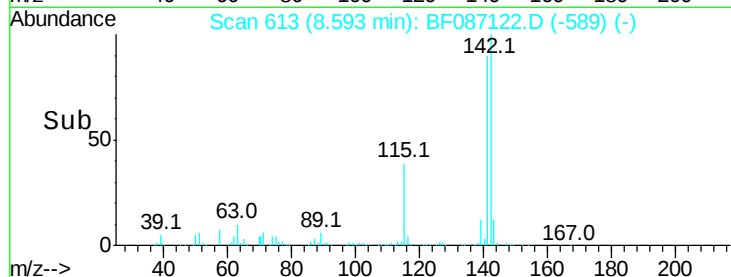
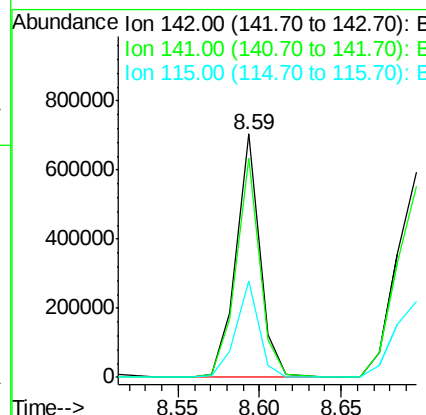
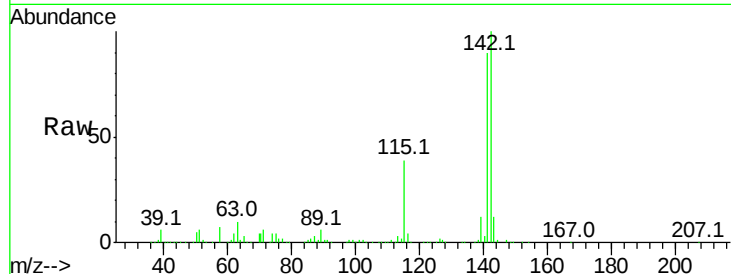
#37
2-Methylnaphthalene
Concen: 38.81 ng
RT: 8.59 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Instrument :
BNA_F
ClientSampleId :
PB90662BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	710107		
141	90.0	71.0	106.6	
115	39.5	26.6	39.8	

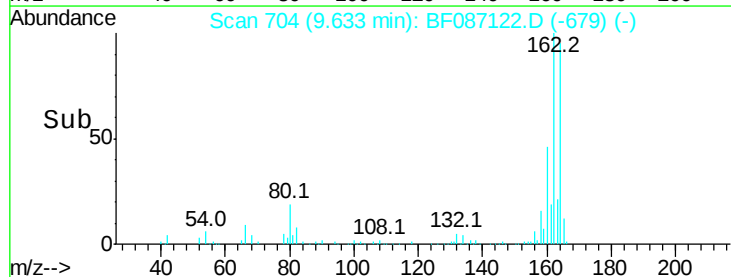
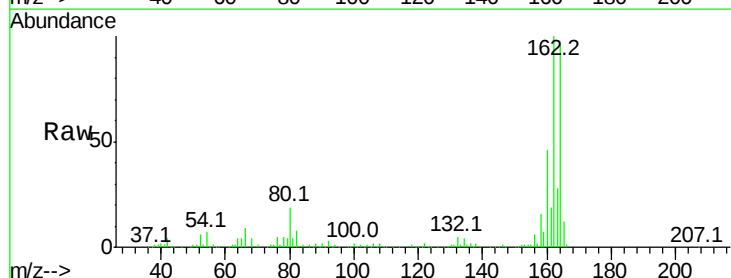
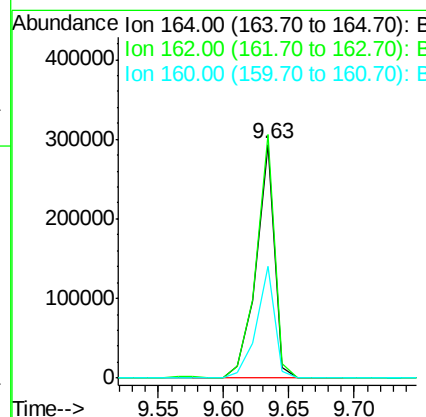
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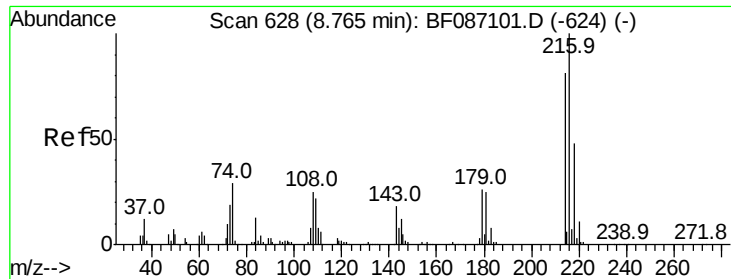
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	287373		
162	104.3	82.8	124.2	
160	47.9	36.9	55.3	





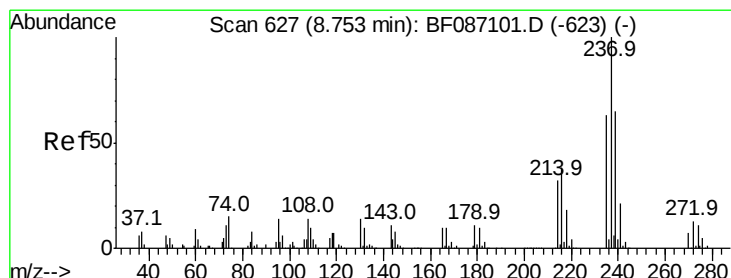
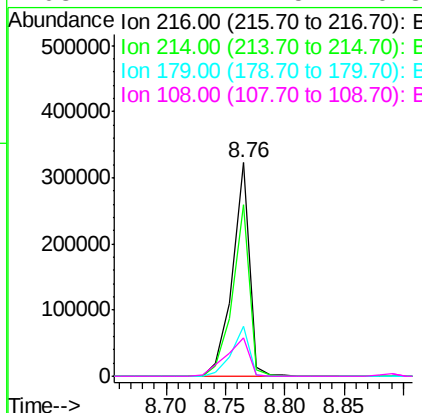
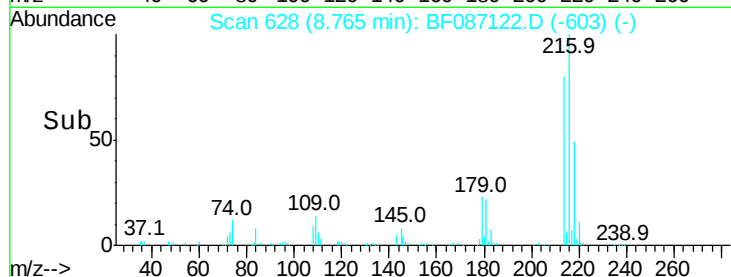
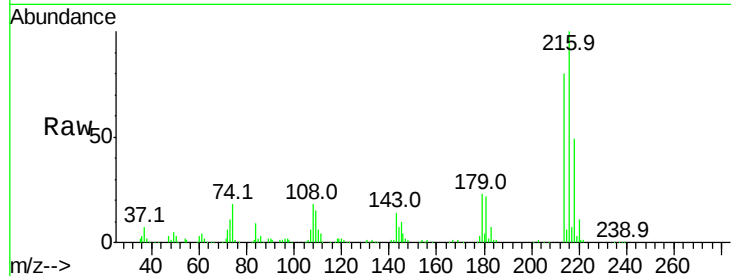
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.42 ng
 RT: 8.76 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF087122.D
 Acq: 18 May 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90662BS

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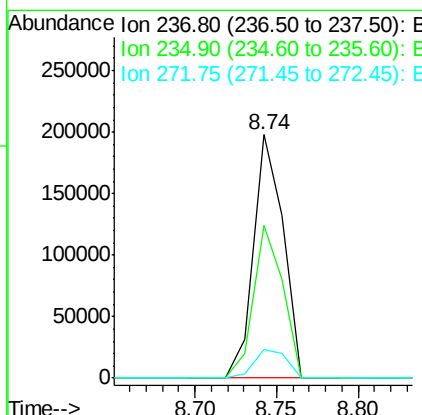
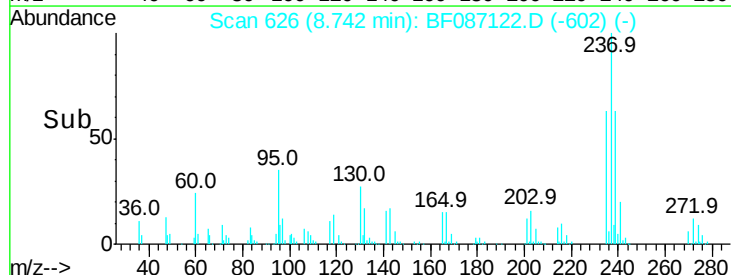
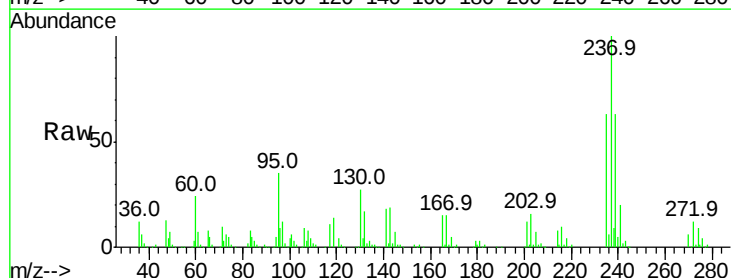
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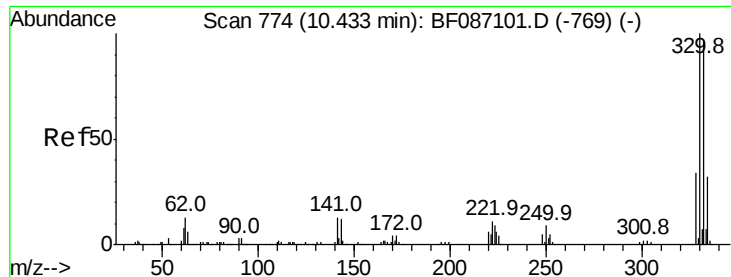
Tot Ion	Ratio	Resp	Lower	Upper
216	100	322454		
214	80.0	62.6	93.8	
179	24.0	18.2	27.4	
108	24.7	17.5	26.3	



#40
 Hexachlorocyclopentadiene
 Concen: 77.10 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF087122.D
 Acq: 18 May 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	248883		
235	62.8	47.2	87.2	
272	11.5	0.0	31.1	





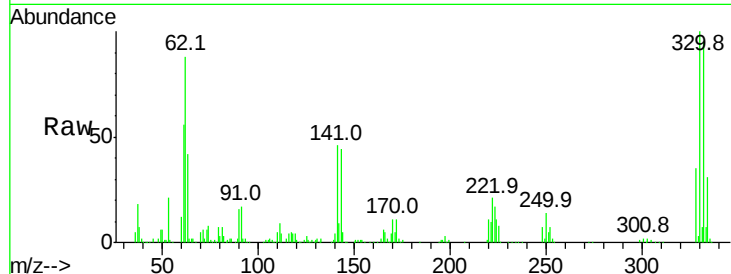
#41
 2,4,6-Tribromophenol
 Concen: 104.30 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF087122.D
 Acq: 18 May 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90662BS

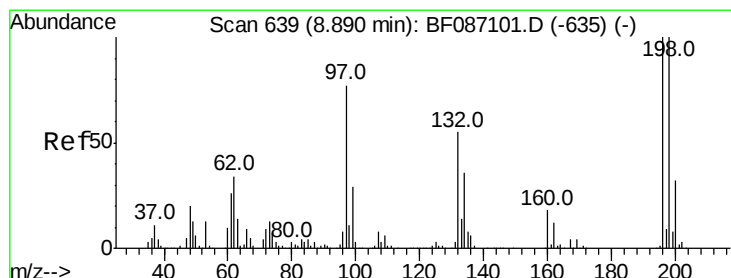
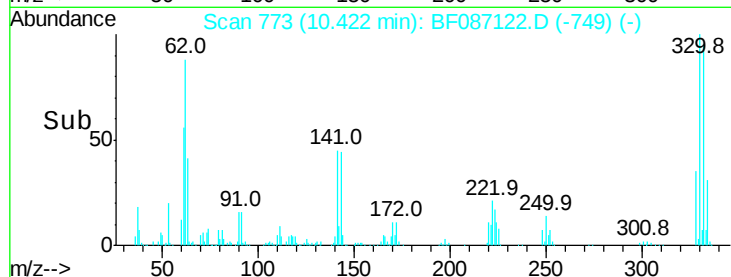
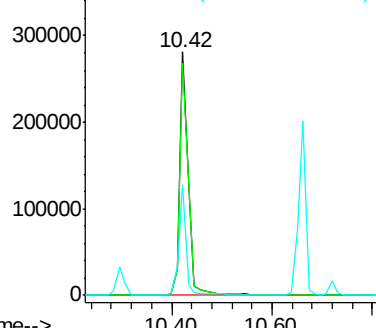
Tot Ion	Ratio	Resp	Lower	Upper
330	100	331205		
332	97.3	79.0	118.4	
141	38.2	31.2	46.8	

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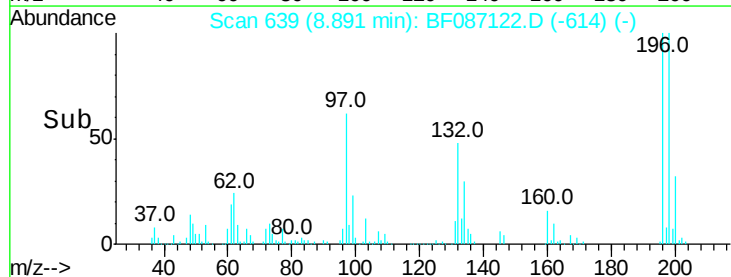
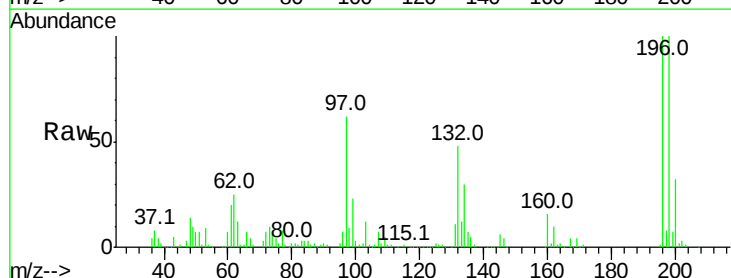
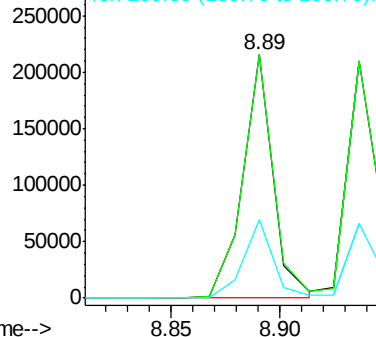
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

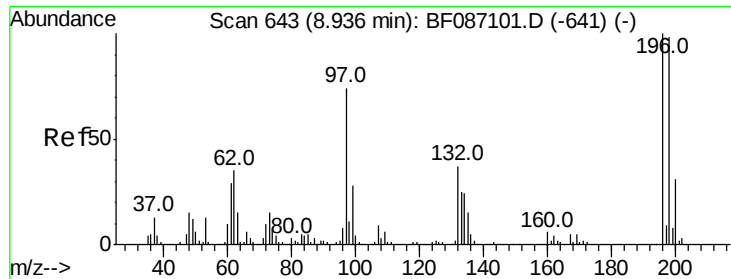


#42
 2,4,6-Trichlorophenol
 Concen: 38.95 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF087122.D
 Acq: 18 May 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	211997		
198	100.0	74.7	112.1	
200	32.2	23.8	35.6	

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





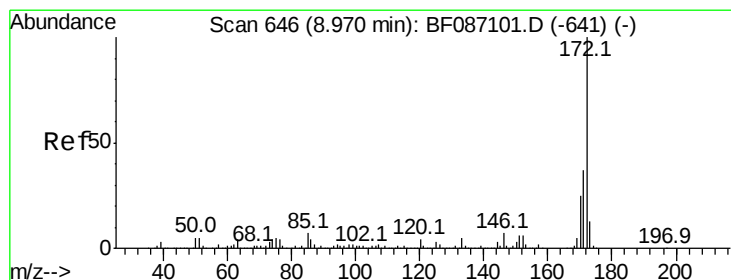
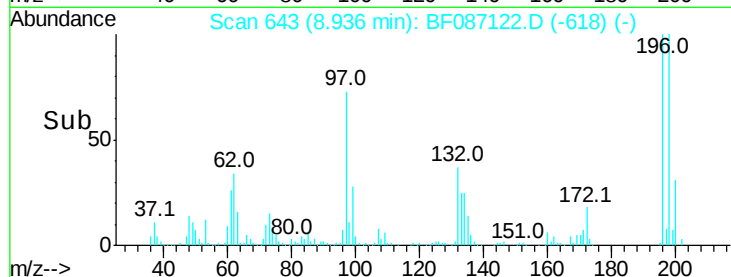
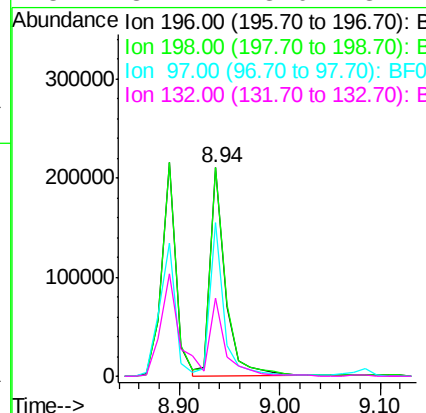
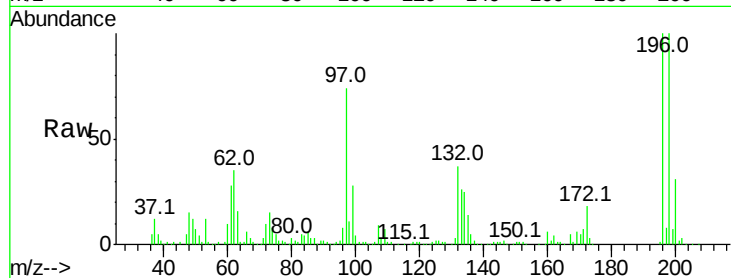
#43
 2,4,5-Trichlorophenol
 Concen: 39.57 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF087122.D
 Acq: 18 May 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90662BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	223776		
198	100.1	77.5	116.3	
97	73.7	34.8	52.2	
132	37.4	23.0	34.4	

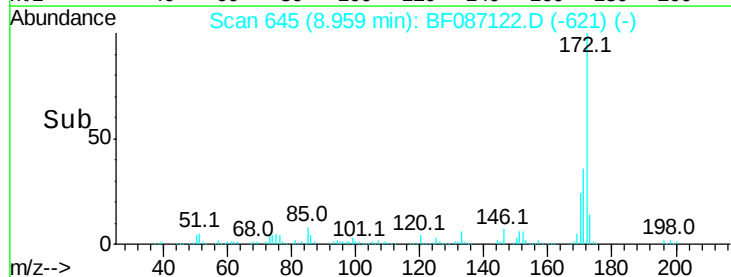
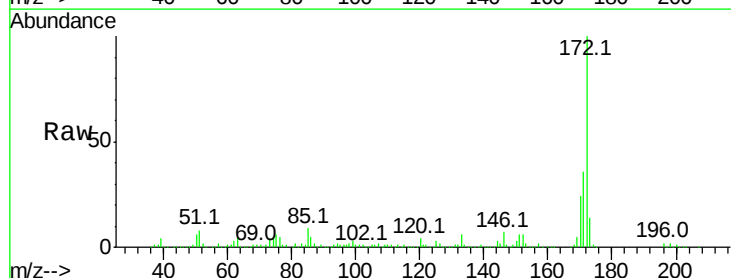
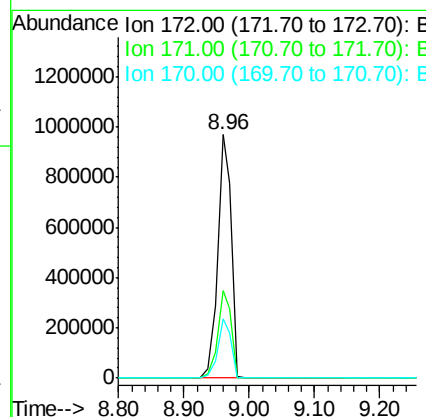
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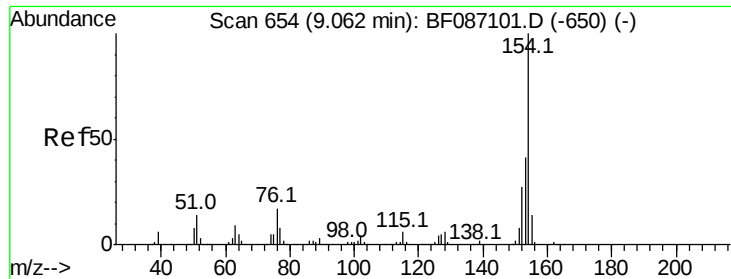
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#44
 2-Fluorobiphenyl
 Concen: 82.42 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.02 min
 Lab File: BF087122.D
 Acq: 18 May 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1430120		
171	36.2	29.0	43.6	
170	24.5	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 38.89 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Instrument :

BNA_F

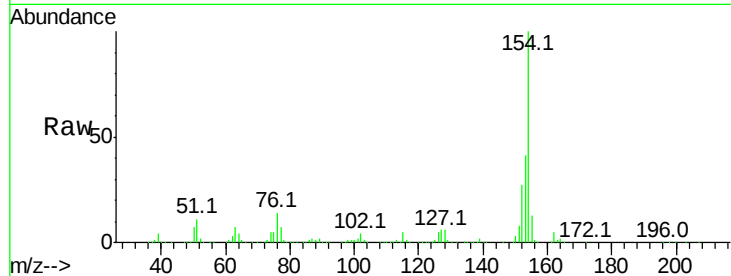
ClientSampled :

PB90662BS

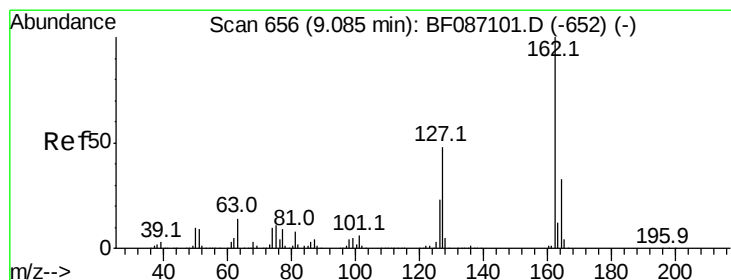
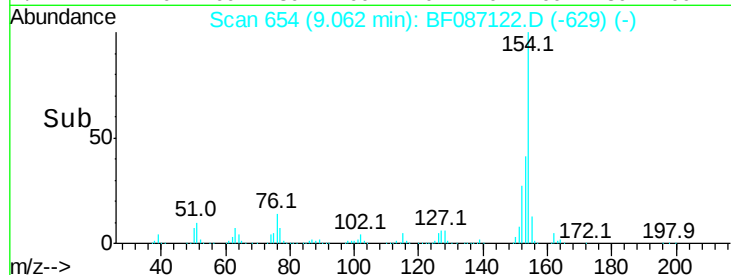
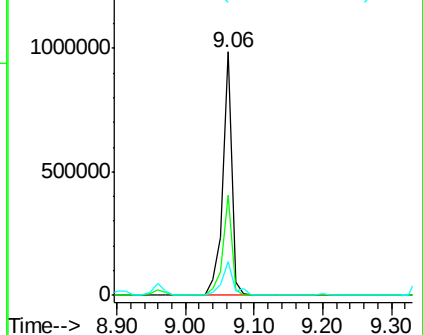
Tot Ion:	154	Resp:	926621
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.3	60.3
76	13.8	0.0	30.2

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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: 38.78 ng

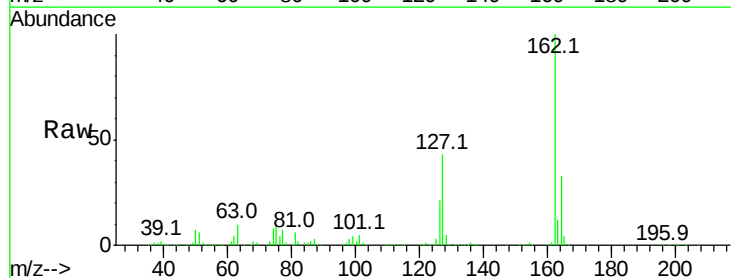
RT: 9.08 min Scan# 656

Delta R.T. -0.01 min

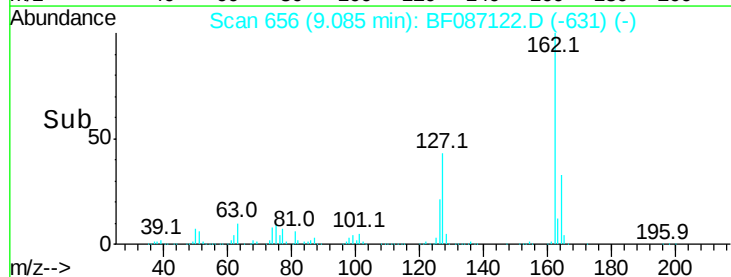
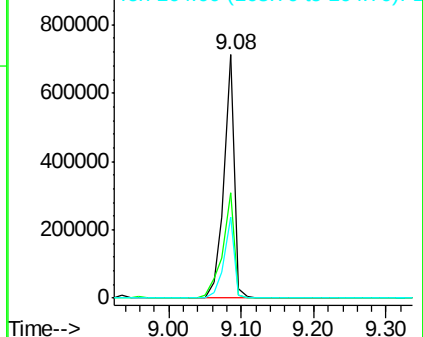
Lab File: BF087122.D

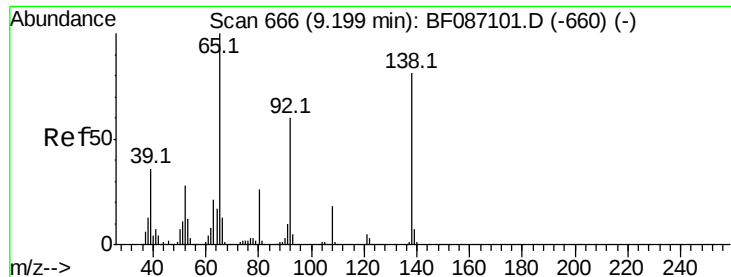
Acq: 18 May 2016 00:52

Tgt Ion:	162	Resp:	709430
Ion Ratio	Lower	Upper	
162	100		
127	43.0	31.8	47.6
164	33.0	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





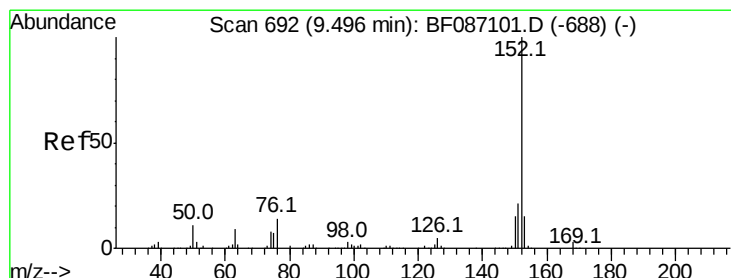
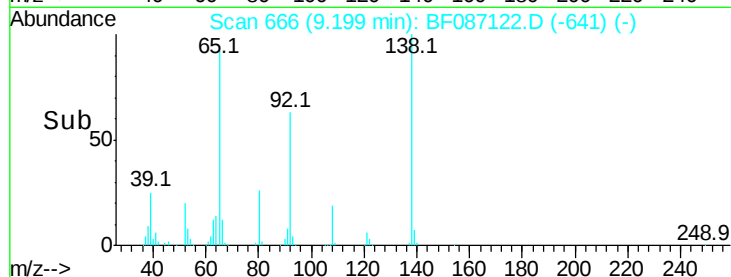
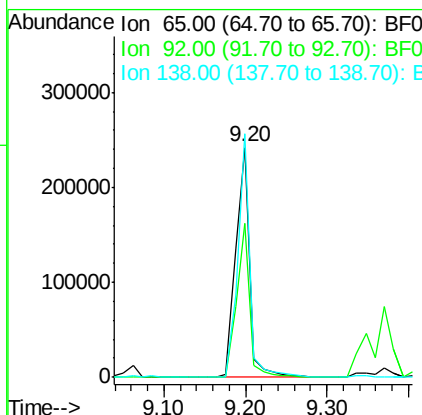
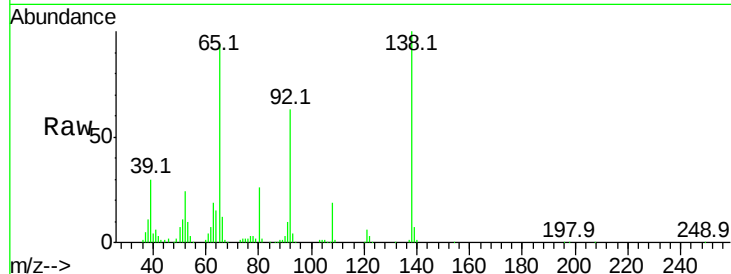
#47
2-Nitroaniline
Concen: 41.42 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Instrument :
BNA_F
ClientSampleId :
PB90662BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.8	57.4	86.2
138	105.9	90.1	135.1

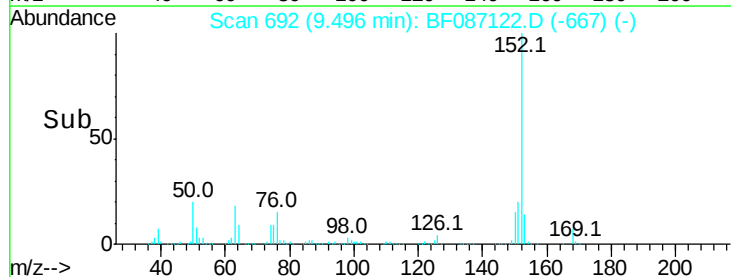
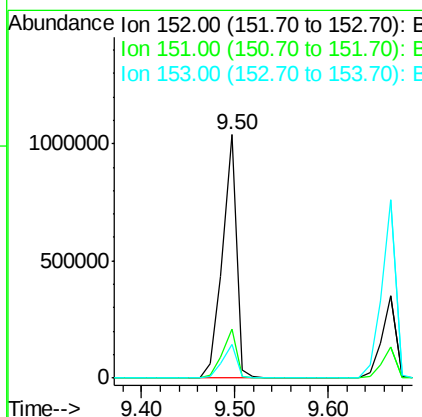
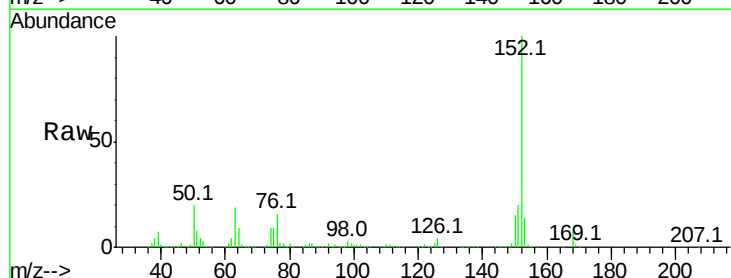
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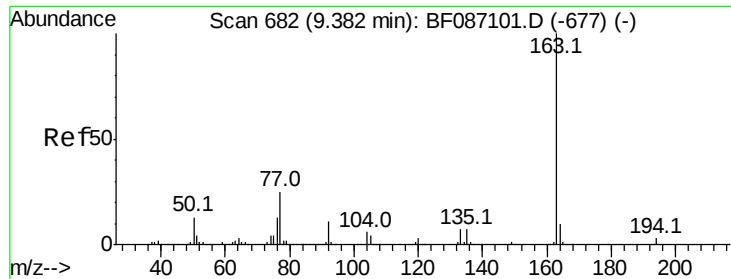
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#48
Acenaphthylene
Concen: 38.96 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.8	10.9	16.3





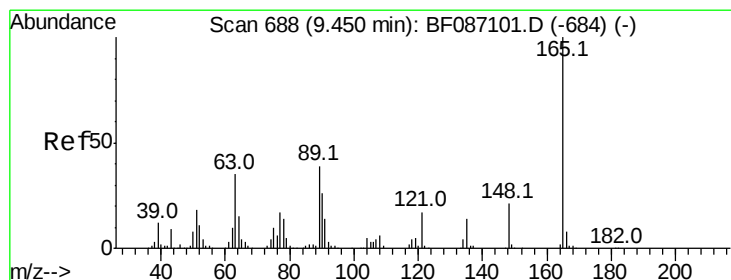
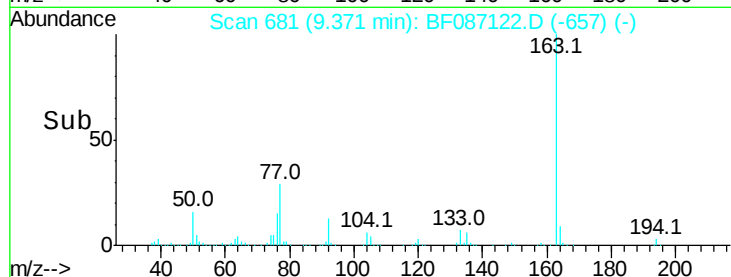
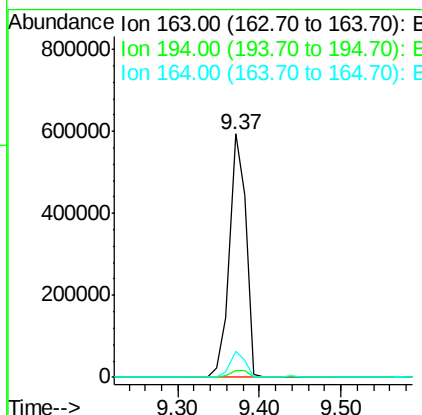
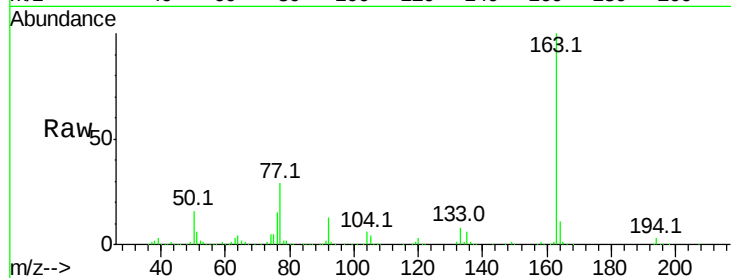
#49
Dimethylphthalate
Concen: 38.09 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Instrument :
BNA_F
ClientSampleId :
PB90662BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	834947		
194	3.0	2.6	4.0	
164	10.7	8.2	12.4	

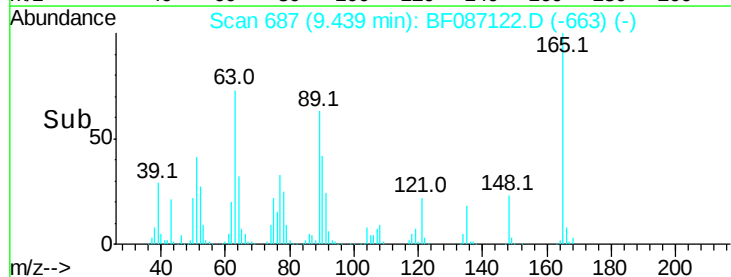
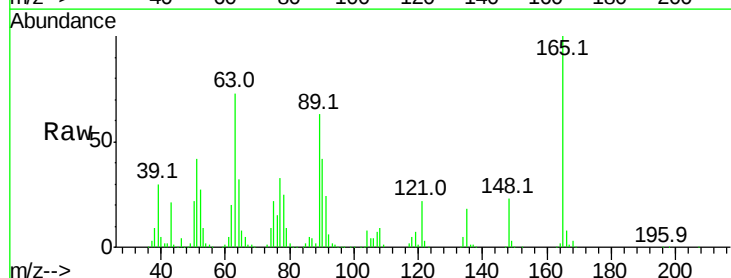
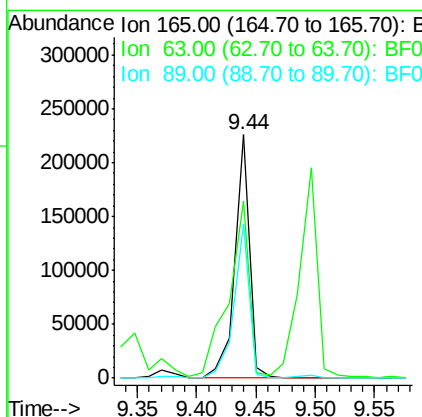
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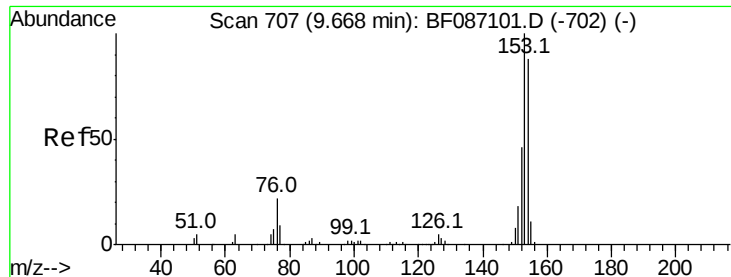
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#50
2,6-Dinitrotoluene
Concen: 40.85 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	194426		
63	73.0	51.8	77.8	
89	63.4	50.7	76.1	





#51

Acenaphthene

Concen: 40.12 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Instrument :

BNA_F

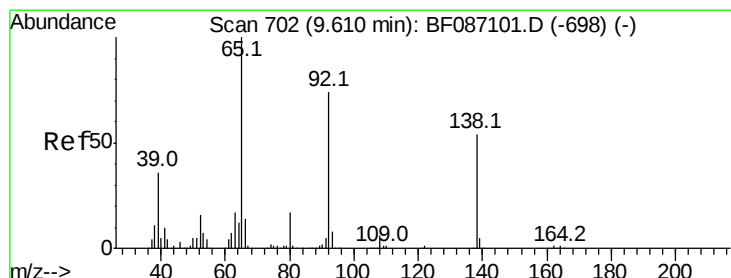
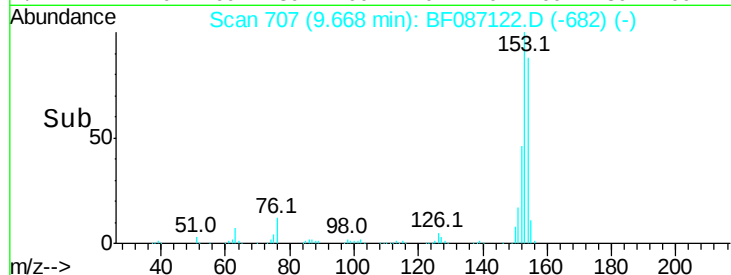
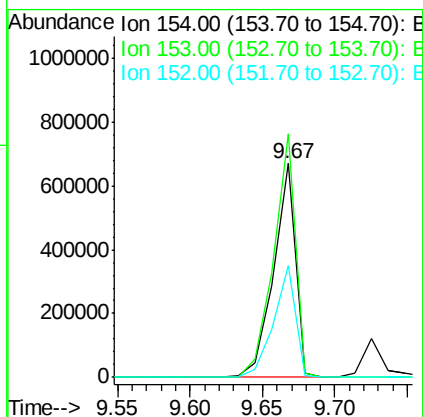
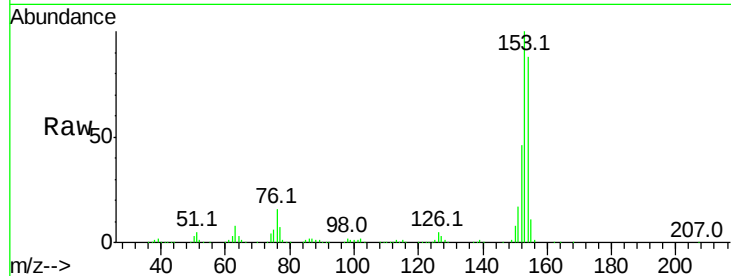
ClientSampleId :

PB90662BS

Tot Ion:	154	Resp:	700067
Ion Ratio	Lower	Upper	
154	100		
153	113.9	89.8	134.6
152	52.4	43.4	65.0

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#52

3-Nitroaniline

Concen: 18.62 ng

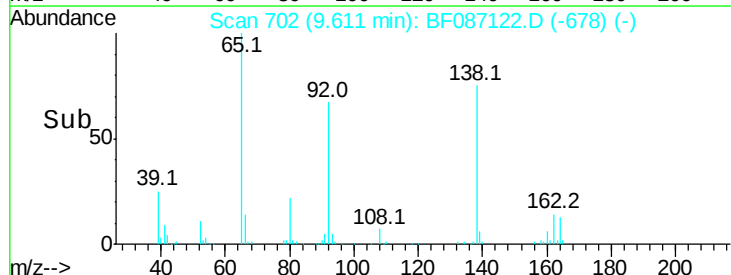
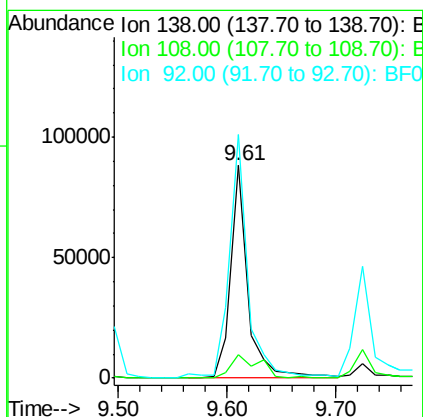
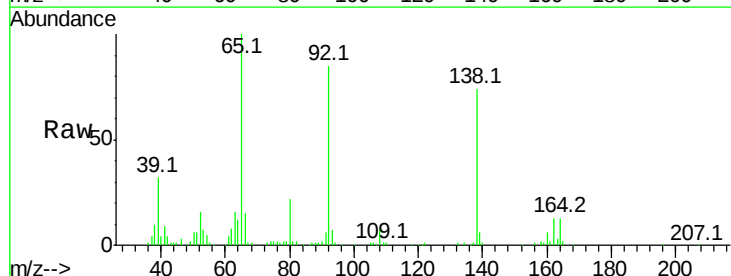
RT: 9.61 min Scan# 702

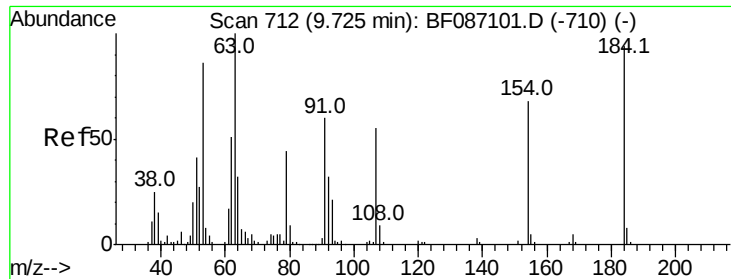
Delta R.T. -0.02 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Tgt Ion:	138	Resp:	95943
Ion Ratio	Lower	Upper	
138	100		
108	10.9	7.8	11.6
92	114.7	87.8	131.8





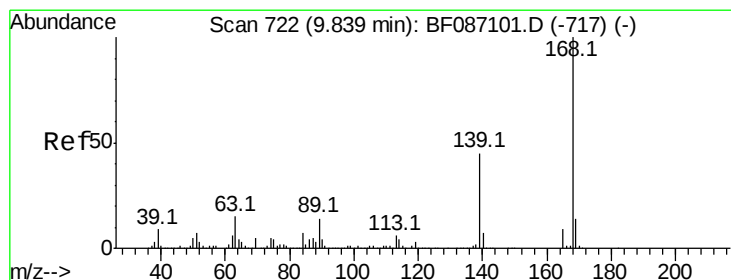
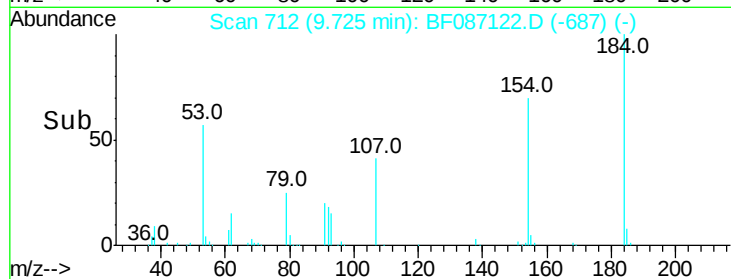
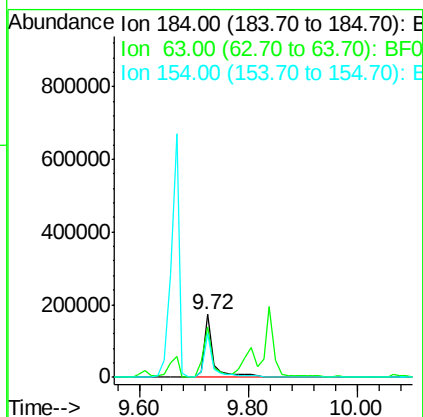
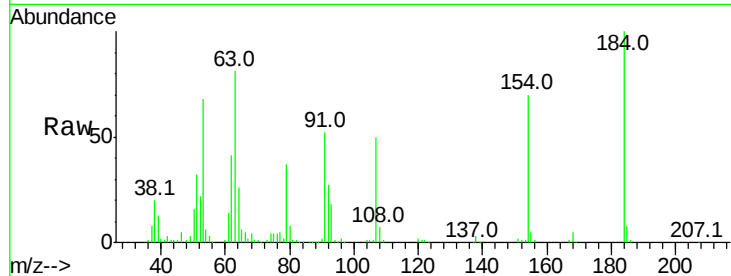
#53
2,4-Dinitrophenol
Concen: 75.94 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Instrument :
BNA_F
ClientSampleId :
PB90662BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	206437		
63	81.0		55.8	83.8
154	69.9		62.4	93.6

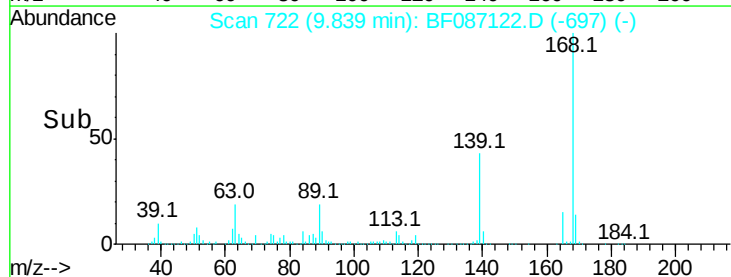
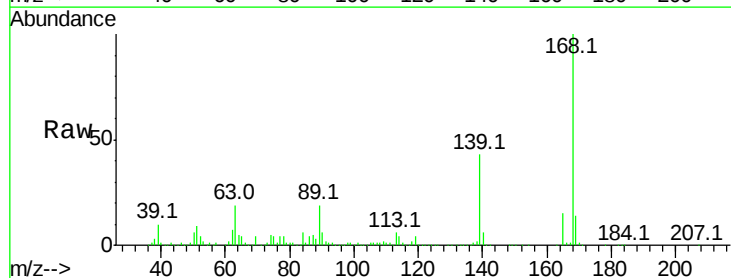
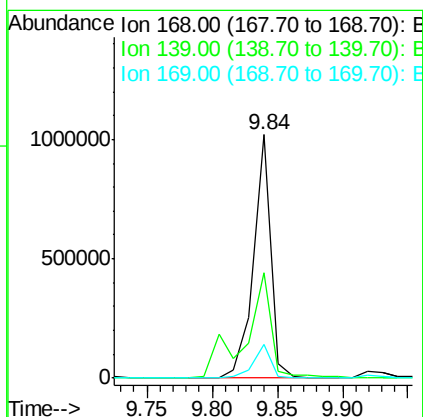
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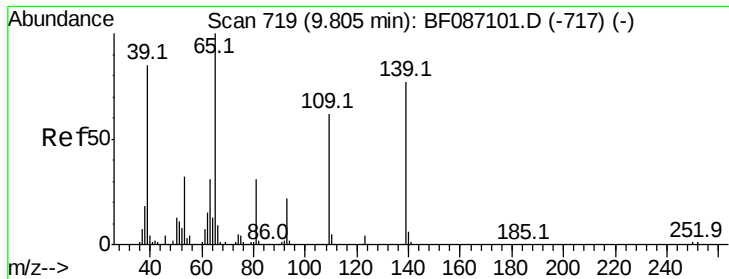
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#54
Dibenzofuran
Concen: 41.86 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	944633		
139	43.3		31.4	47.0
169	13.6		10.7	16.1





#55

4-Nitrophenol

Concen: 59.75 ng/mL

RT: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Instrument :

BNA_F

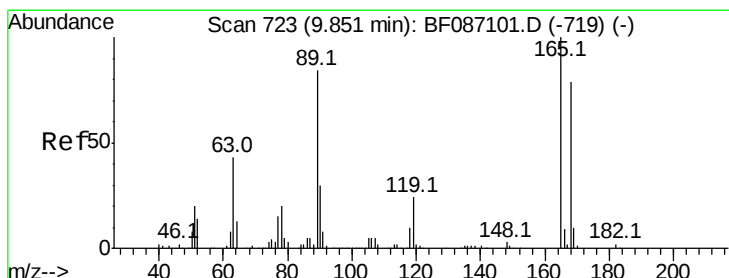
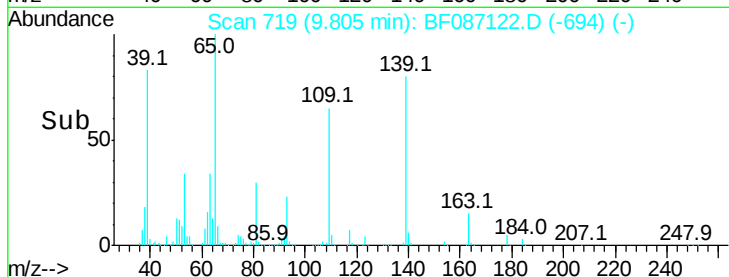
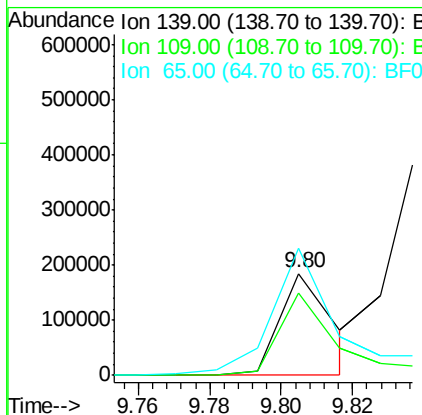
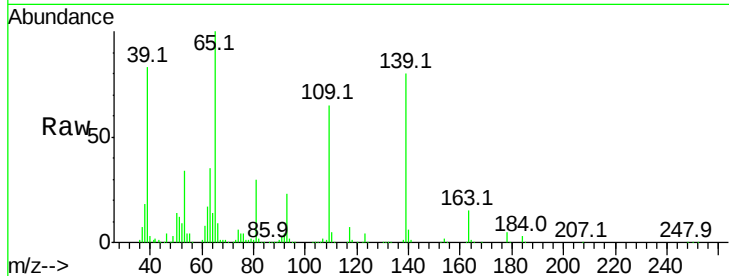
ClientSampleID :

PB90662BS

Tot Ion:	139	Resp:	187433
Ion Ratio	Lower	Upper	
139	100		
109	81.3	36.9	76.9#
65	125.0	64.0	104.0#

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 37.61 ng/mL

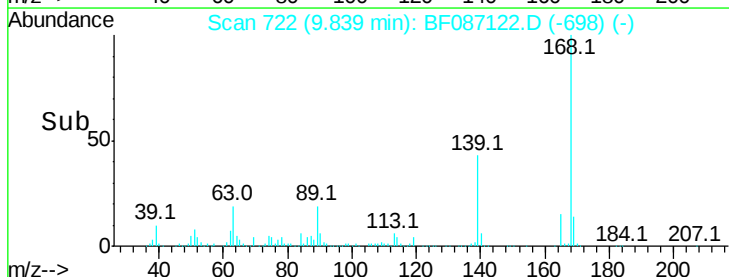
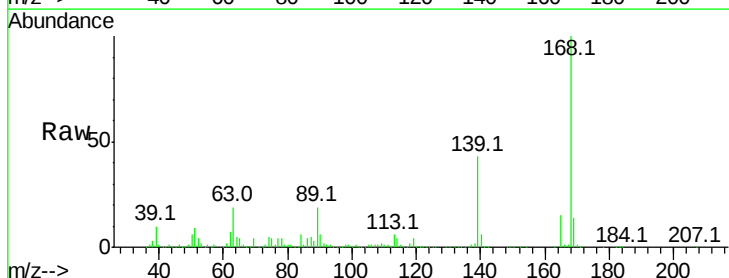
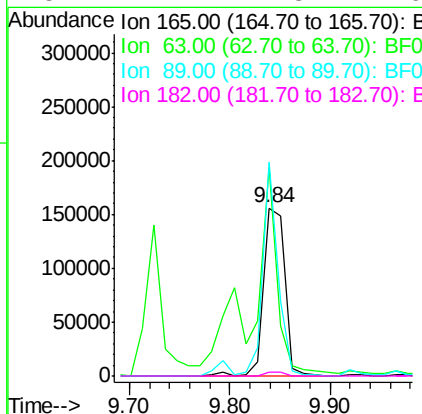
RT: 9.84 min Scan# 722

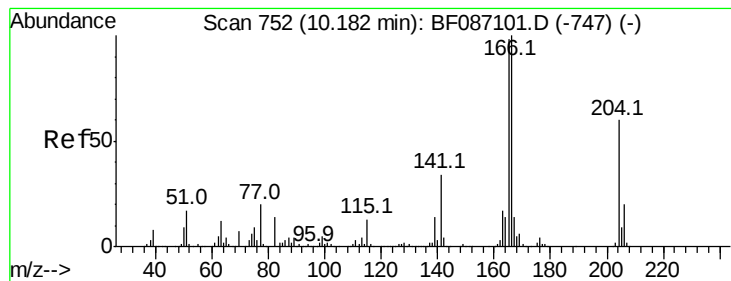
Delta R.T. -0.02 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Tgt Ion:	165	Resp:	229262
Ion Ratio	Lower	Upper	
165	100		
63	124.0	44.3	66.5#
89	127.3	70.0	105.0#
182	2.2	1.8	2.6





#57

Fluorene

Concen: 43.24 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Instrument :

BNA_F

ClientSampleID :

PB90662BS

Tot Ion:166 Resp: 783895

Ion Ratio Lower Upper

166 100

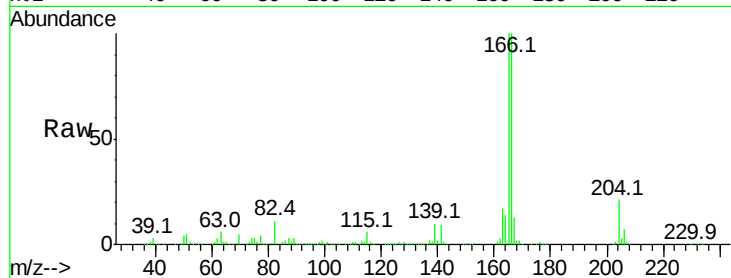
165 100.3 79.0 118.6

167 13.4 10.6 15.8

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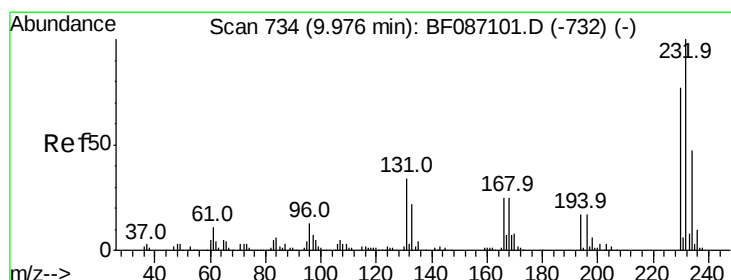
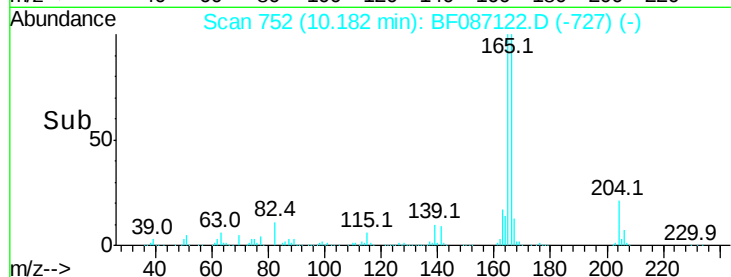
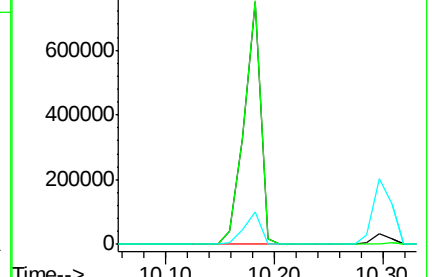
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.23 ng

RT: 9.96 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Tgt Ion:232 Resp: 190386

Ion Ratio Lower Upper

232 100

131 53.8 41.9 62.9

130 2.9 2.2 3.4

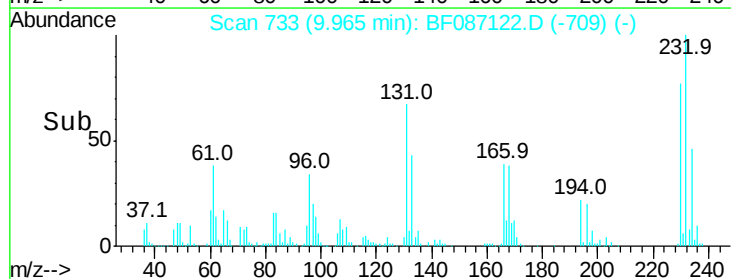
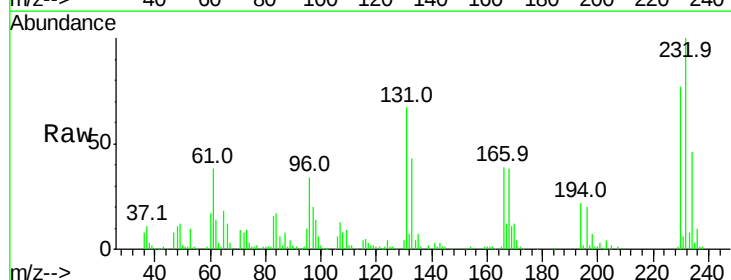
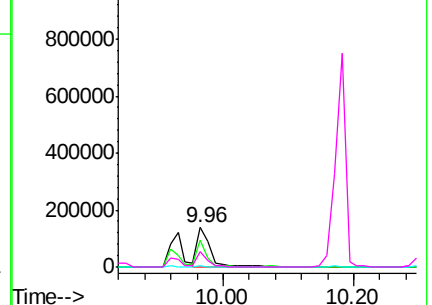
166 32.5 26.8 40.2

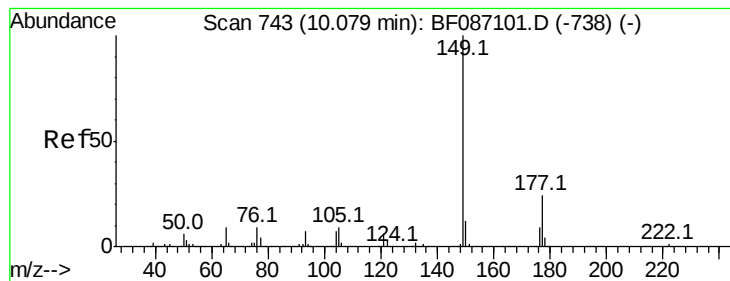
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.01 ng

RT: 10.07 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Instrument :

BNA_F

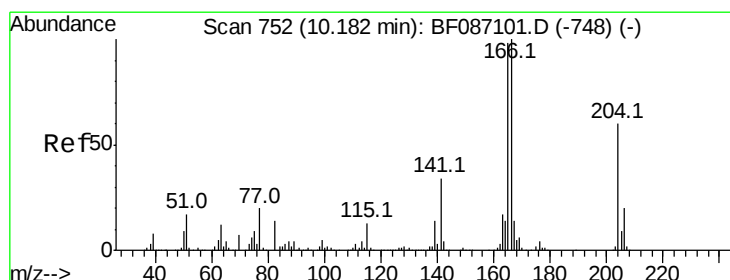
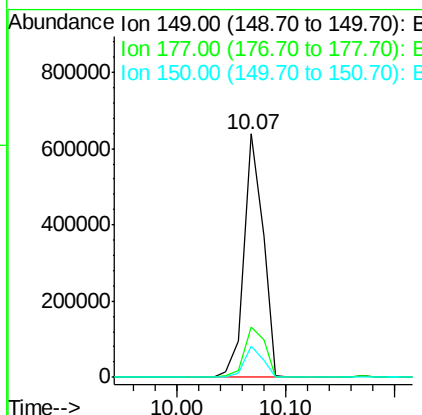
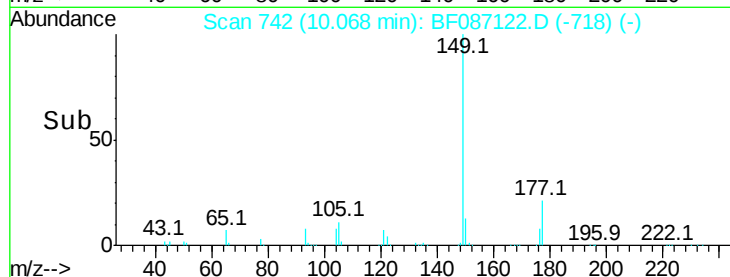
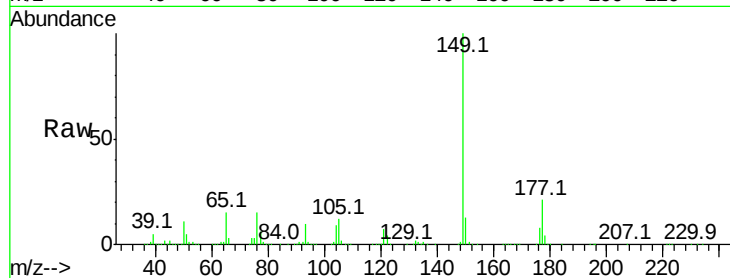
ClientSampleId :

PB90662BS

Tot Ion:	149	Resp:	774537
Ion Ratio	Lower	Upper	
149	100		
177	20.6	16.6	24.8
150	13.0	10.0	15.0

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#60

4-Chlorophenyl-phenylether

Concen: 37.10 ng

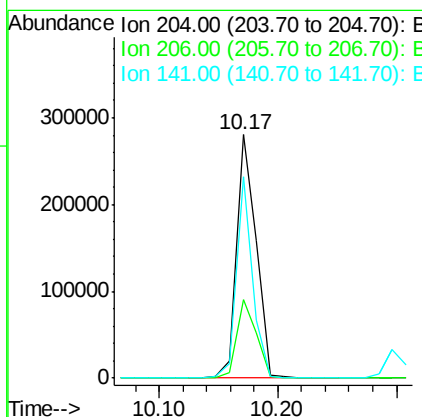
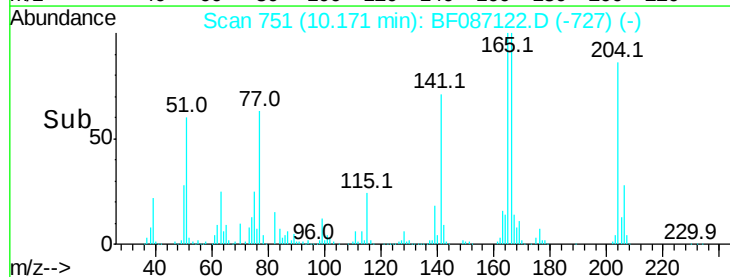
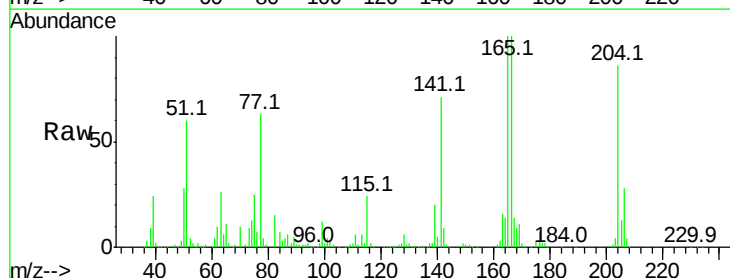
RT: 10.17 min Scan# 751

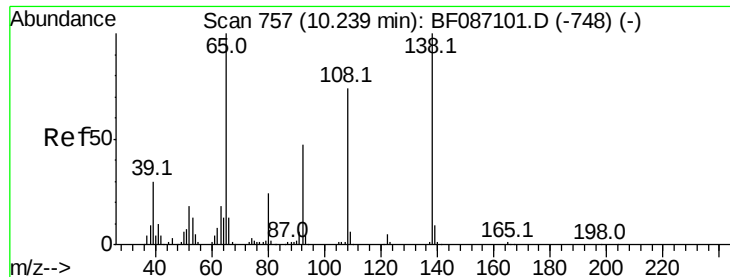
Delta R.T. -0.02 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Tgt Ion:	204	Resp:	318808
Ion Ratio	Lower	Upper	
204	100		
206	32.4	25.4	38.0
141	82.8	61.6	92.4





#61

4-Nitroaniline

Concen: 35.97 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Instrument :

BNA_F

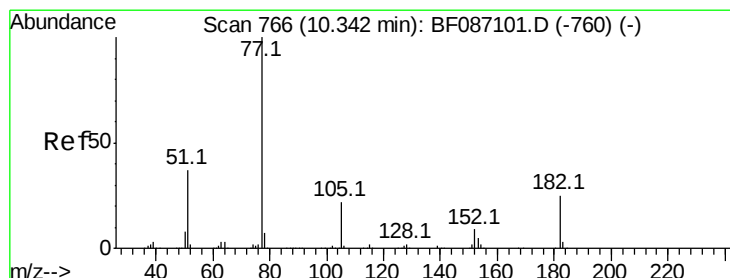
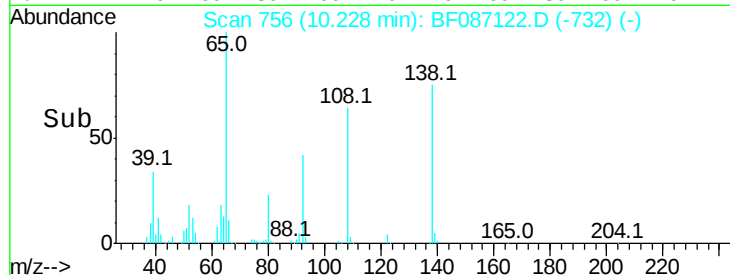
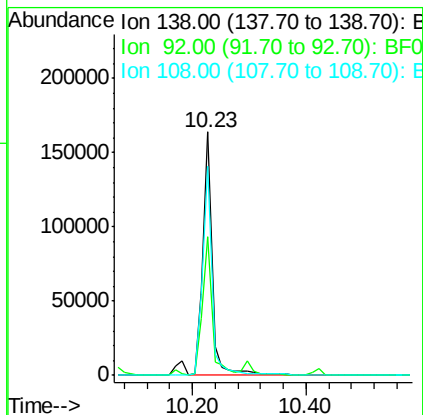
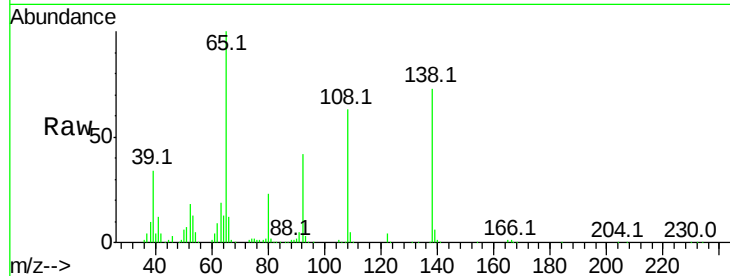
ClientSampleId :

PB90662BS

Tot Ion:	138	Resp:	182993
Ion Ratio	Lower	Upper	
138	100		
92	56.9	24.7	64.7
108	85.8	37.4	77.4#

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#62

Azobenzene

Concen: 38.58 ng

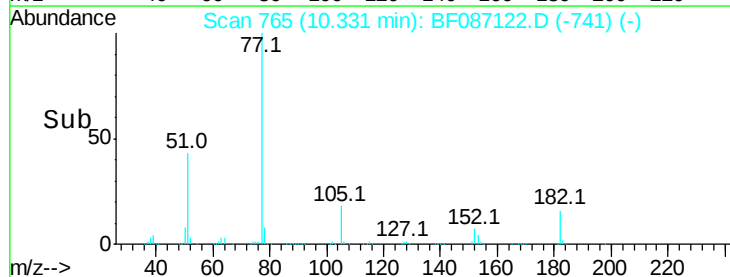
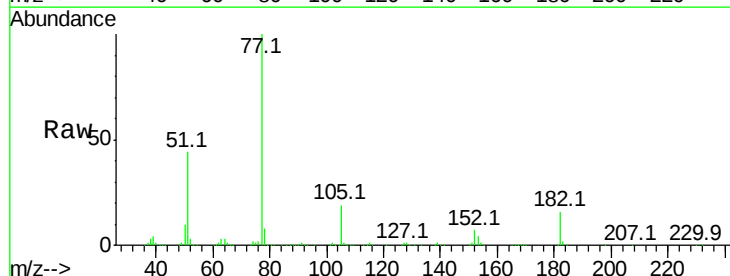
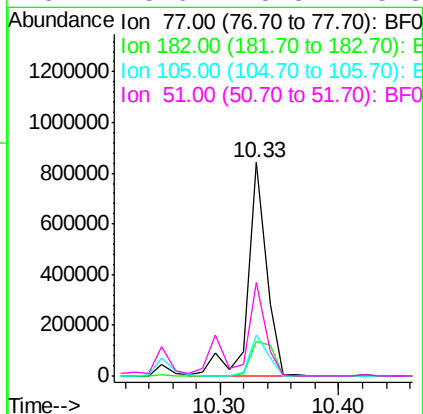
RT: 10.33 min Scan# 765

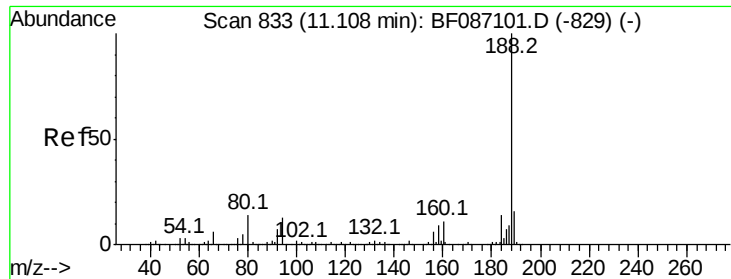
Delta R.T. -0.02 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Tgt Ion:	77	Resp:	930359
Ion Ratio	Lower	Upper	
77	100		
182	16.0	0.0	38.8
105	19.5	3.2	43.2
51	43.6	8.8	48.8





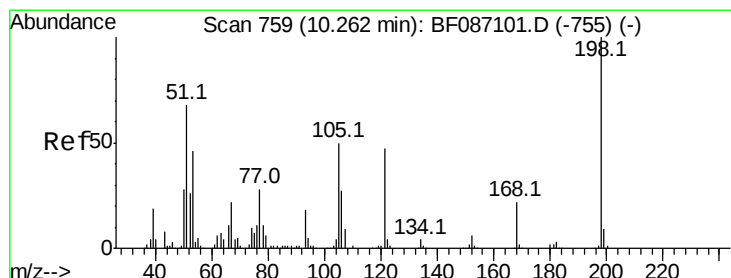
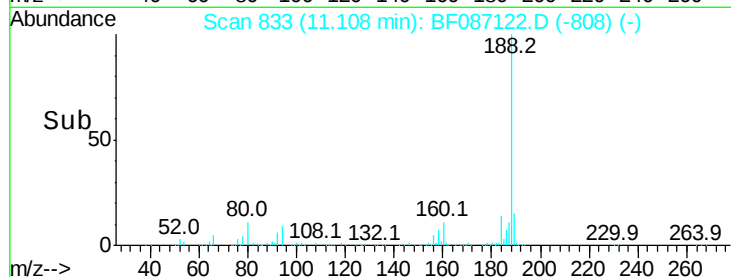
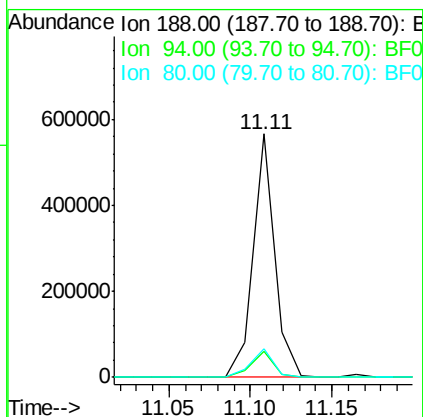
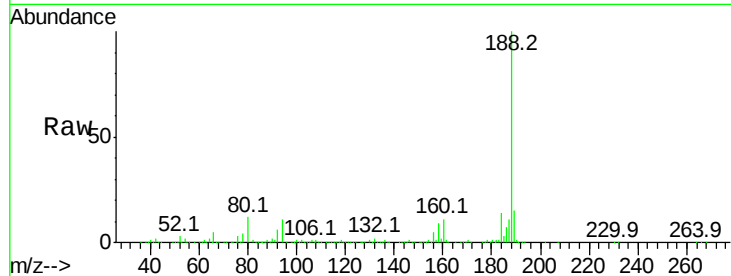
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Instrument :
BNA_F
ClientSampleId :
PB90662BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.6	6.8	10.2#
80	11.5	7.1	10.7#

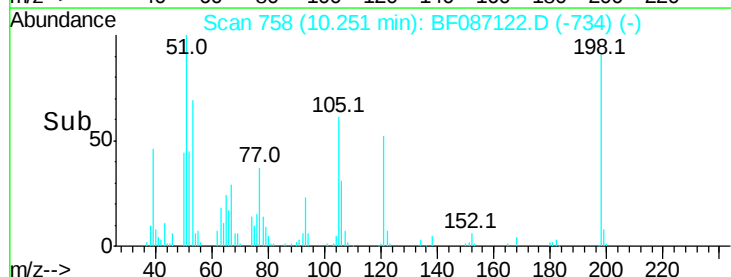
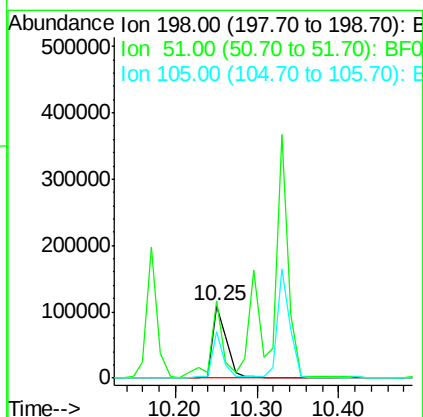
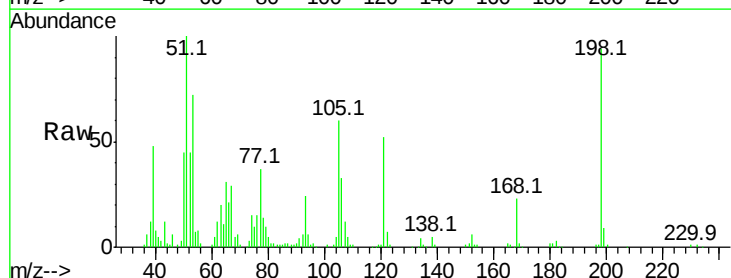
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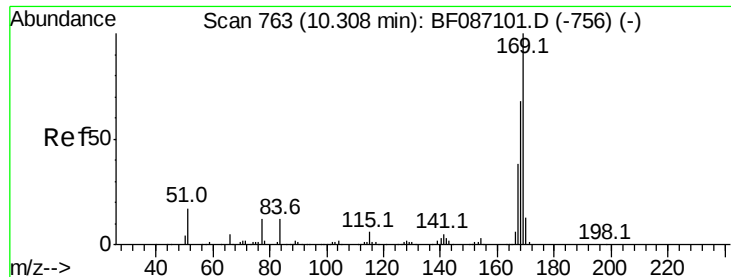
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.95 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	106.0	20.5	60.5#
105	63.6	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 39.57 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Instrument :

BNA_F

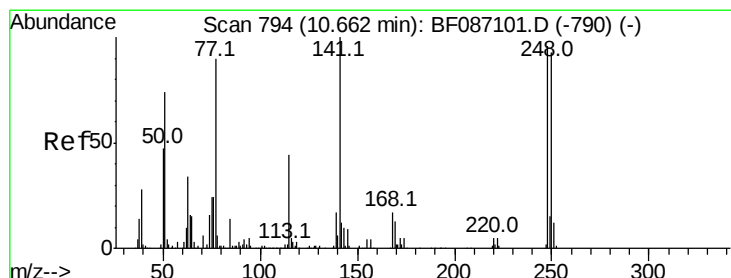
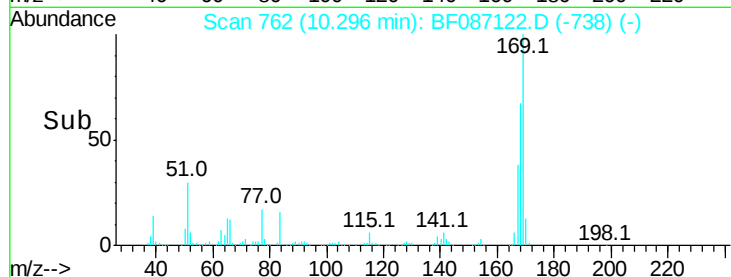
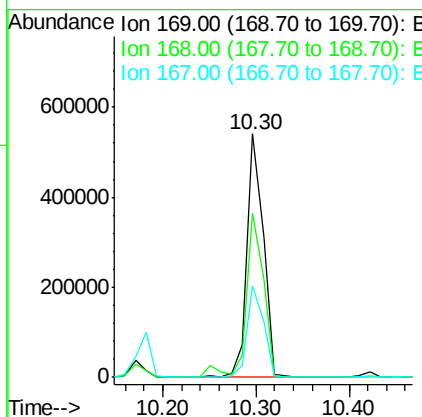
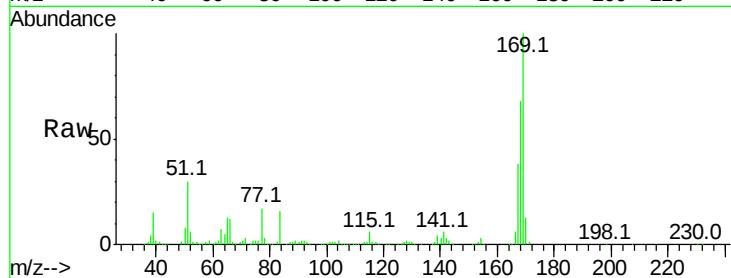
ClientSampleId :

PB90662BS

Tot Ion:	169	Resp:	651305
Ion Ratio	Lower	Upper	
169	100		
168	67.6	53.8	80.6
167	37.6	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 41.79 ng

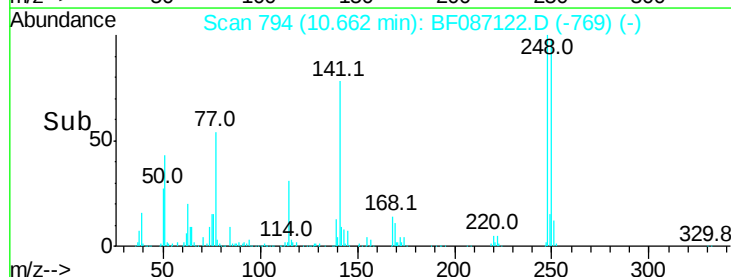
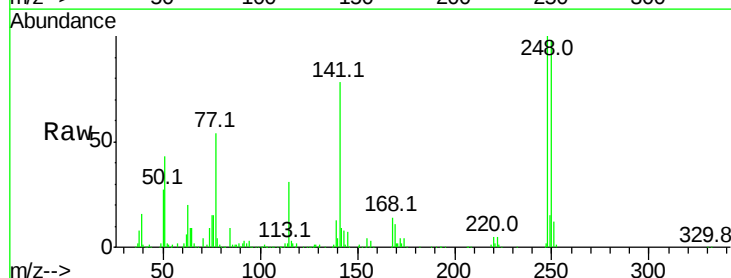
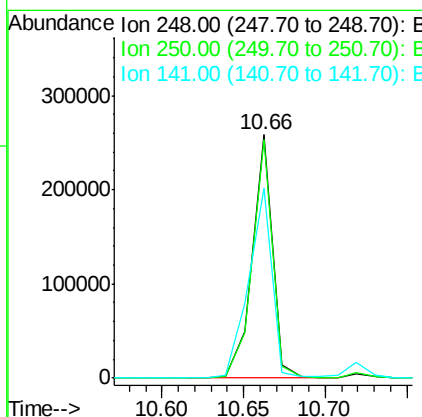
RT: 10.66 min Scan# 794

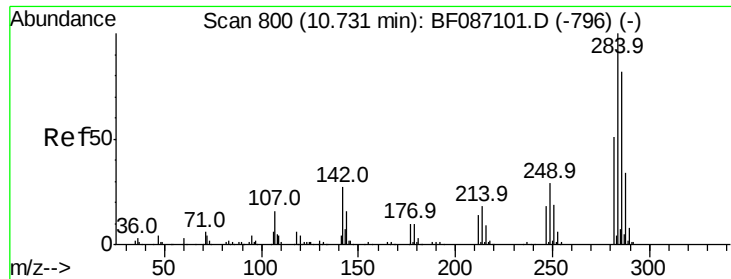
Delta R.T. -0.01 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Tgt Ion:	248	Resp:	224814
Ion Ratio	Lower	Upper	
248	100		
250	98.0	78.6	117.8
141	77.9	76.0	114.0





#67

Hexachlorobenzene

Concen: 38.53 ng

RT: 10.72 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Instrument :

BNA_F

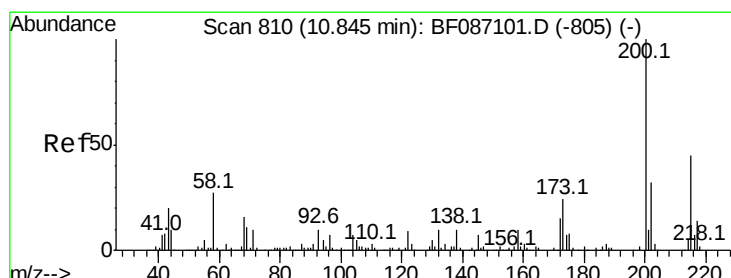
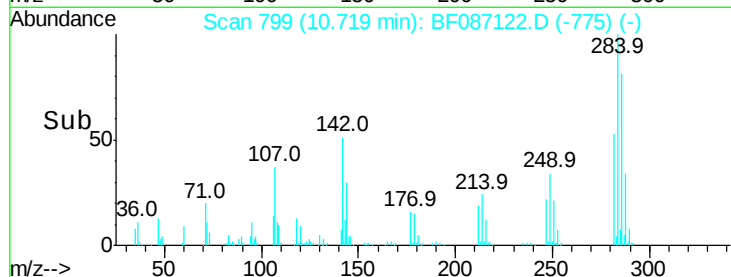
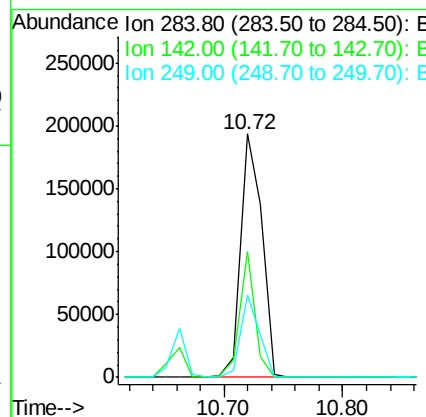
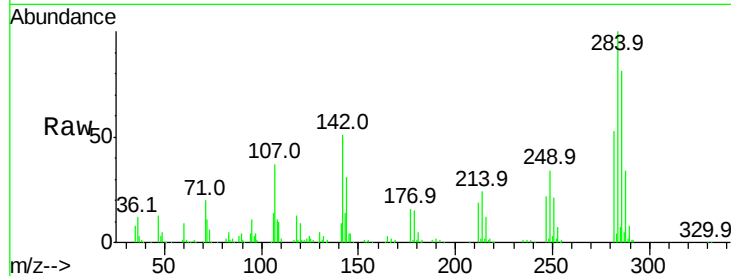
ClientSampleId :

PB90662BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	240311		
142	51.5	16.7	25.1#	
249	34.0	21.3	31.9#	

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#68

Atrazine

Concen: 35.98 ng

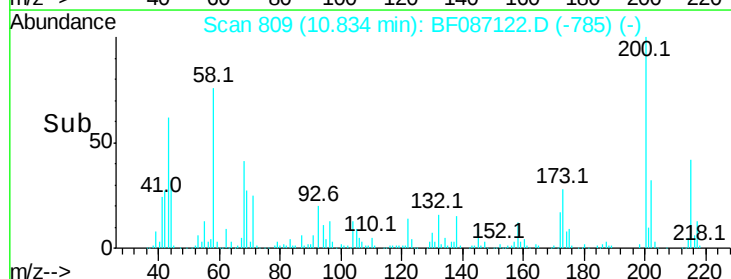
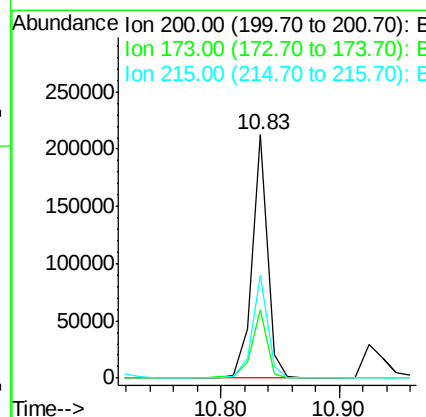
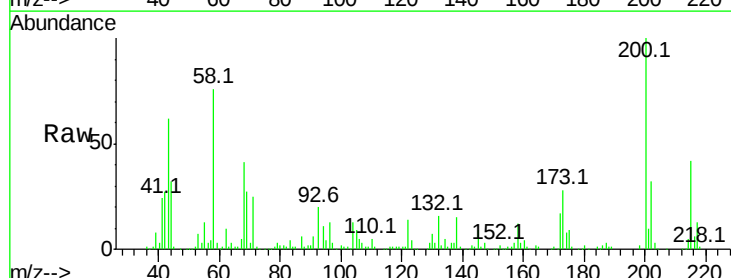
RT: 10.83 min Scan# 809

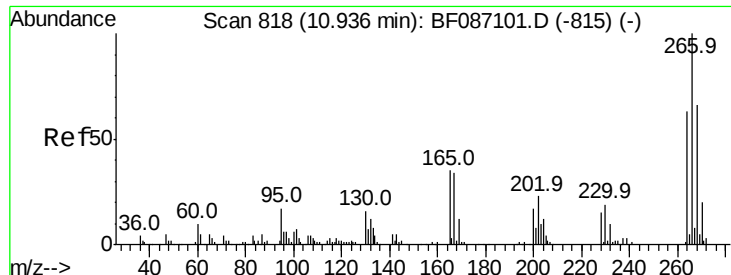
Delta R.T. -0.02 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	193192		
173	28.0	8.5	48.5	
215	42.2	27.2	67.2	





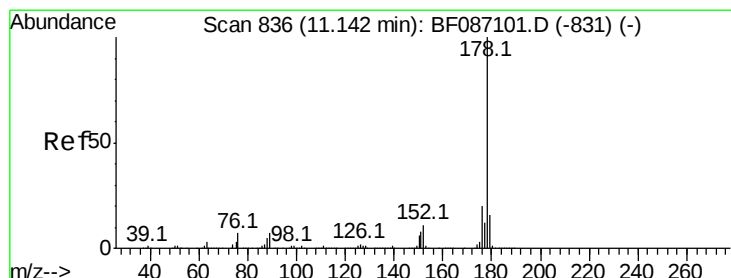
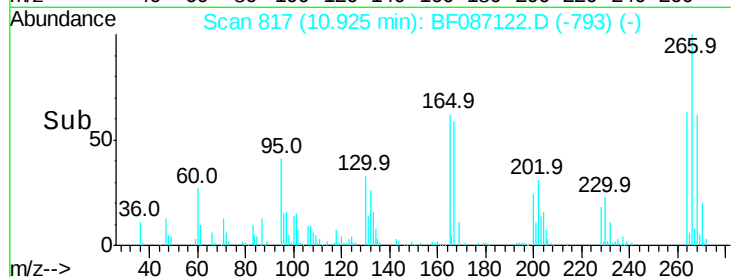
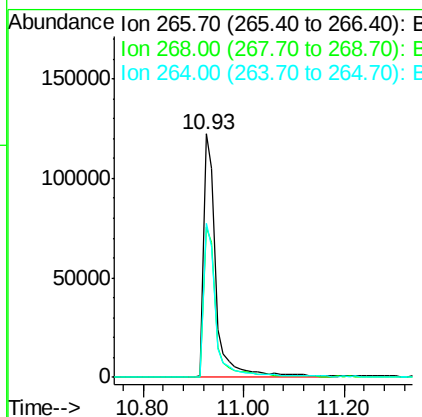
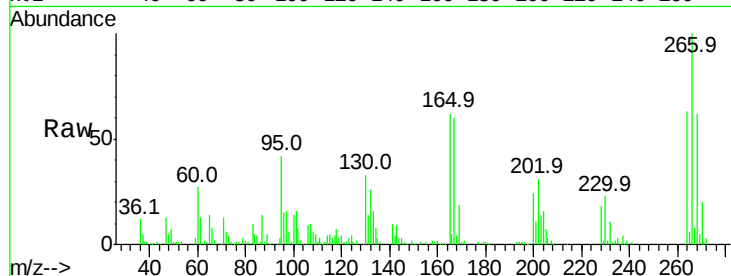
#69
 Pentachlorophenol
 Concen: 90.31 ng
 RT: 10.93 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BF087122.D
 Acq: 18 May 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90662BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	211586		
268	61.7		51.5	77.3
264	63.4		52.9	79.3

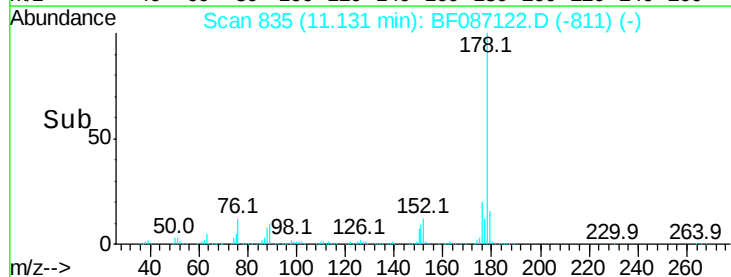
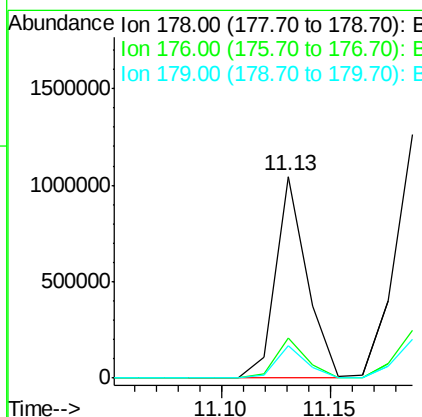
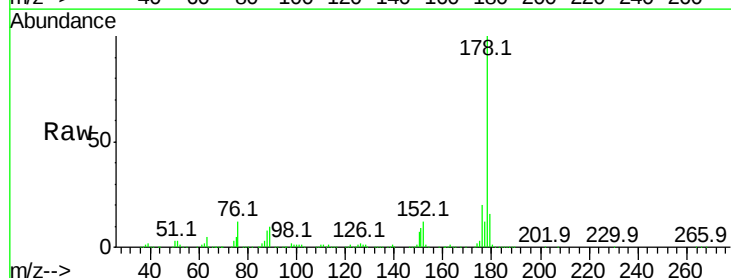
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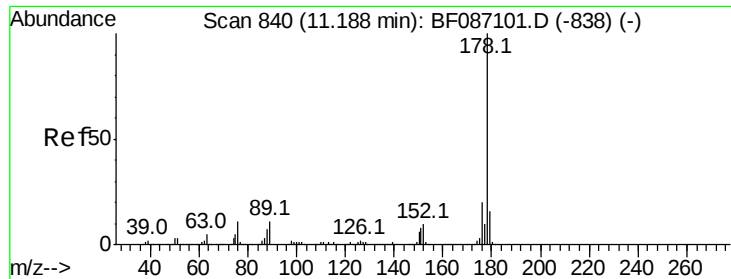
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#70
 Phenanthrene
 Concen: 37.19 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.02 min
 Lab File: BF087122.D
 Acq: 18 May 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1054985		
176	20.0		16.0	24.0
179	16.2		12.6	18.8





#71

Anthracene

Concen: 42.21 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Instrument :

BNA_F

ClientSampleId :

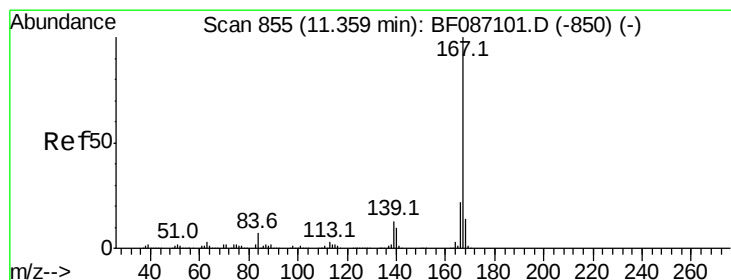
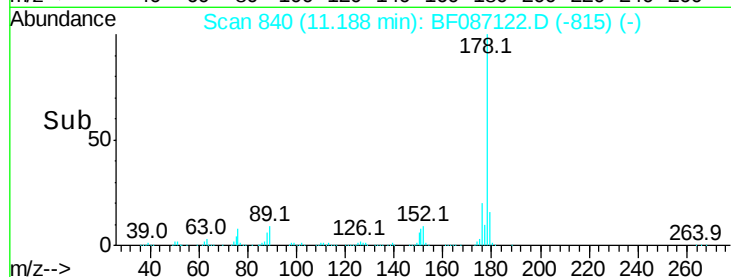
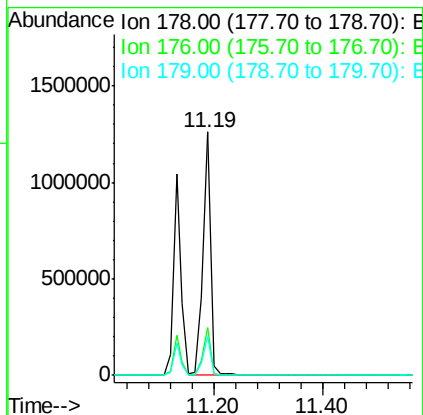
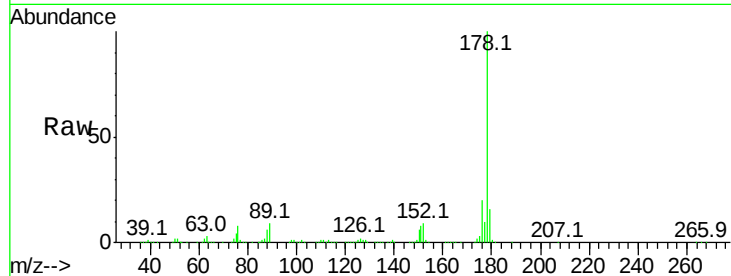
PB90662BS

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Tot Ion:178	Resp: 1211311		
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	15.9	12.7	19.1



#72

Carbazole

Concen: 37.57 ng

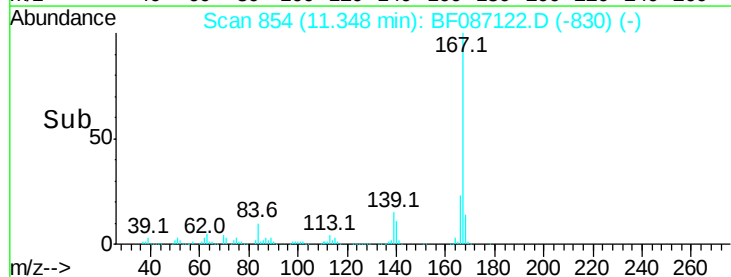
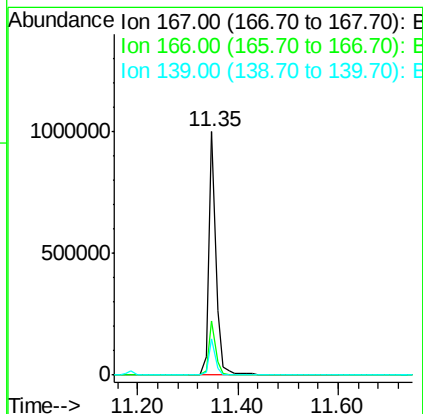
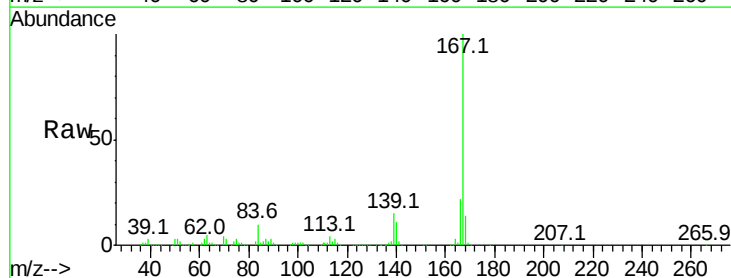
RT: 11.35 min Scan# 854

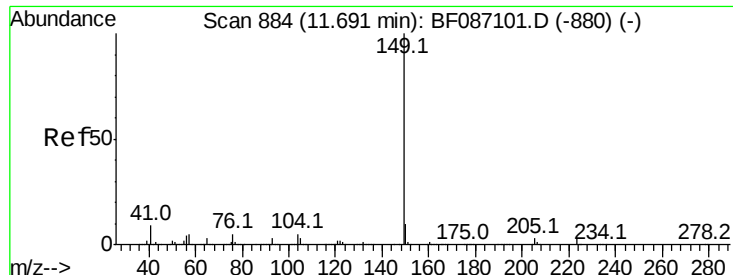
Delta R.T. -0.02 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Tgt Ion:167	Resp: 984768		
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.7	26.5
139	15.0	10.8	16.2





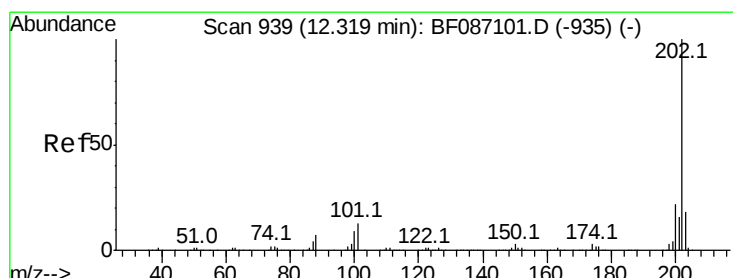
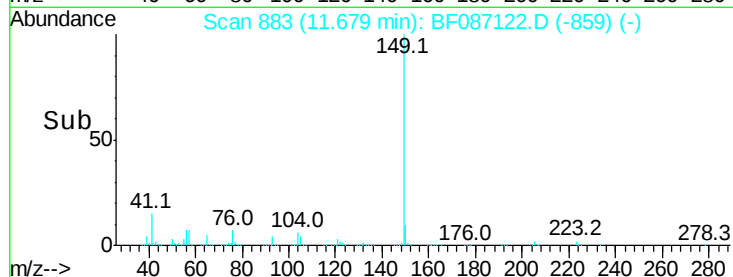
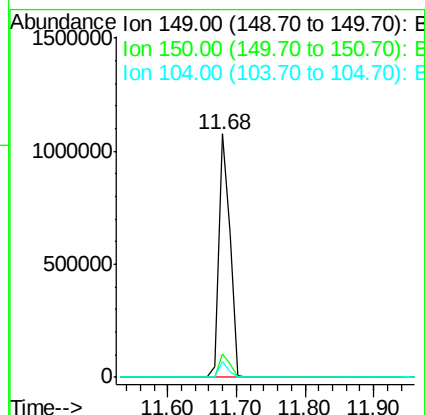
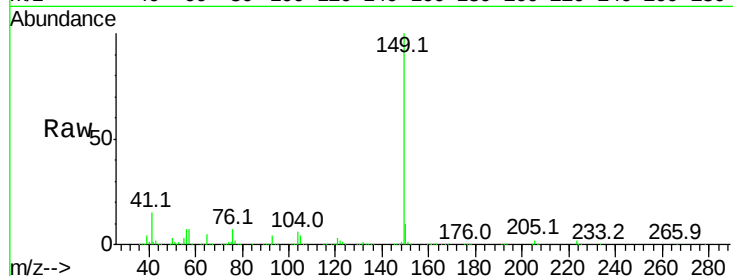
#73
Di-n-butylphthalate
Concen: 40.43 ng
RT: 11.68 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Instrument :
BNA_F
ClientSampleId :
PB90662BS

Tot Ion:149 Resp: 1217298
Ion Ratio Lower Upper
149 100
150 9.7 7.6 11.4
104 6.4 3.8 5.6#

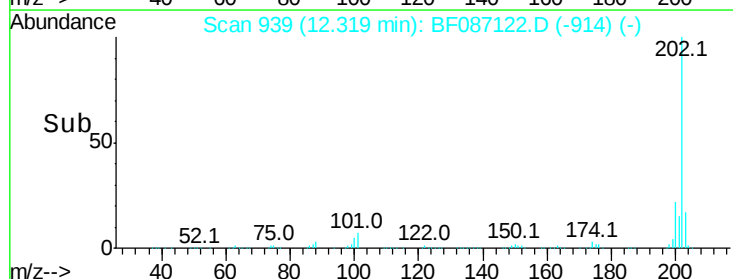
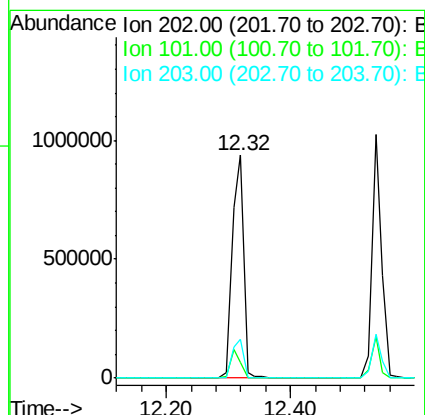
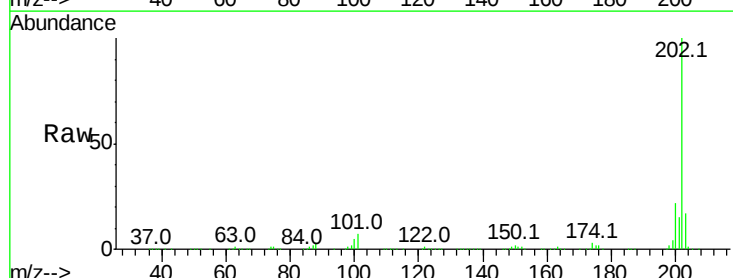
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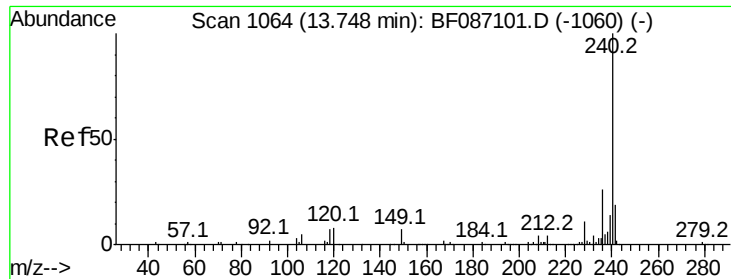
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#74
Fluoranthene
Concen: 41.90 ng
RT: 12.32 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:202 Resp: 1190967
Ion Ratio Lower Upper
202 100
101 7.1 0.0 35.4
203 17.4 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: BF087122.D

Acq: 18 May 2016 00:52

Instrument :

BNA_F

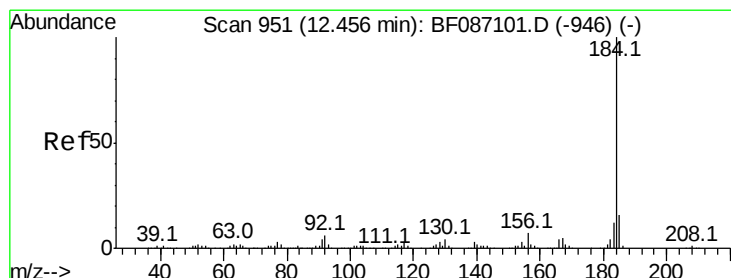
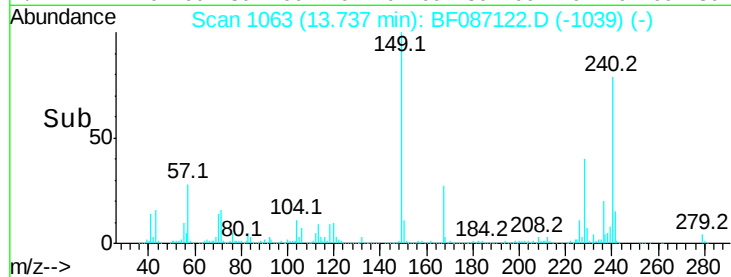
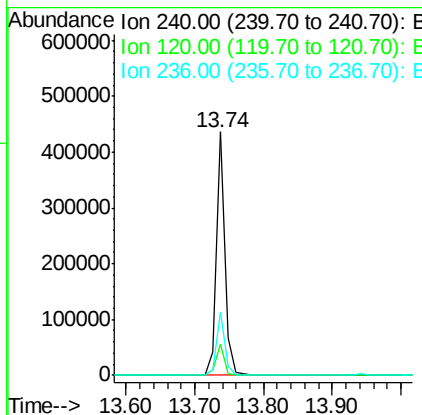
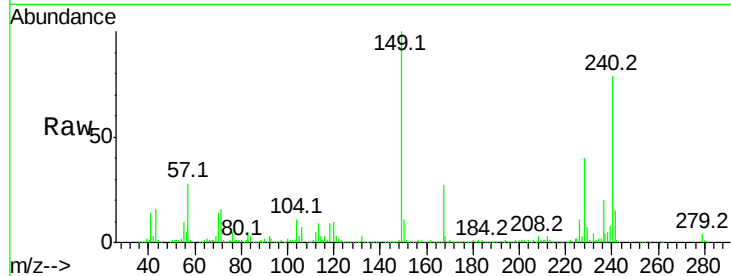
ClientSampled :

PB90662BS

Tot Ion:	240	Resp:	383489
Ion Ratio	Lower	Upper	
240	100		
120	13.0	11.2	16.8
236	25.9	21.2	31.8

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#76

Benzidine

Concen: 18.81 ng

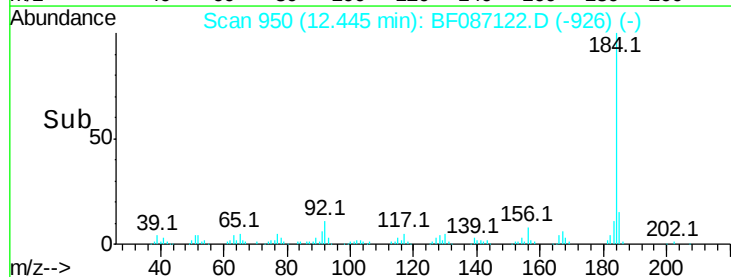
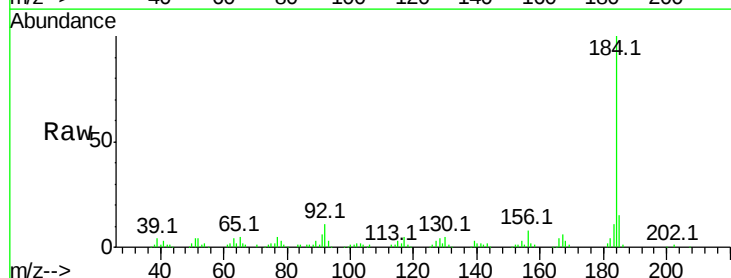
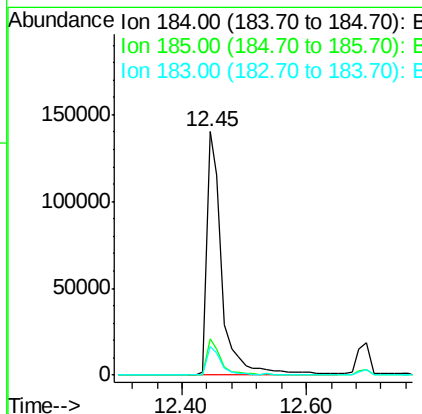
RT: 12.45 min Scan# 950

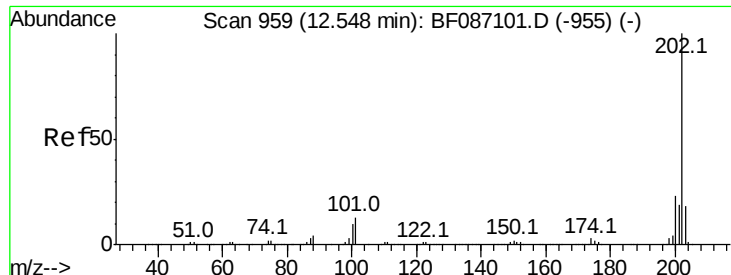
Delta R.T. -0.02 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Tgt Ion:	184	Resp:	235794
Ion Ratio	Lower	Upper	
184	100		
185	14.9	13.6	20.4
183	11.5	9.8	14.6





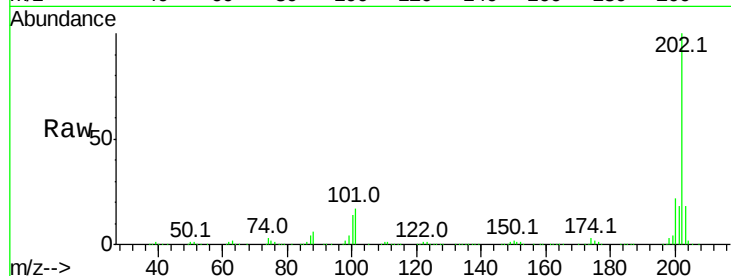
#77
Pvrene
Concen: 39.03 ng
RT: 12.54 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Instrument :
BNA_F
ClientSampleId :
PB90662BS

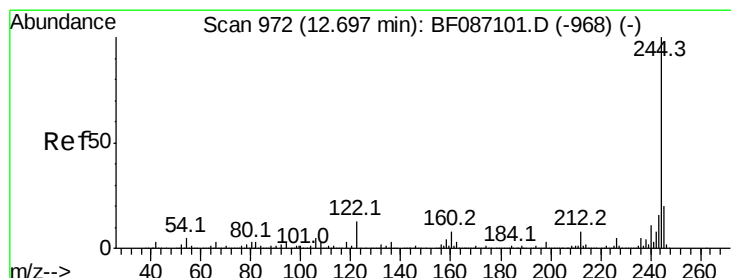
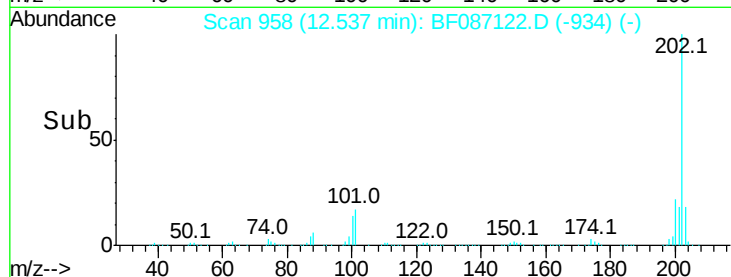
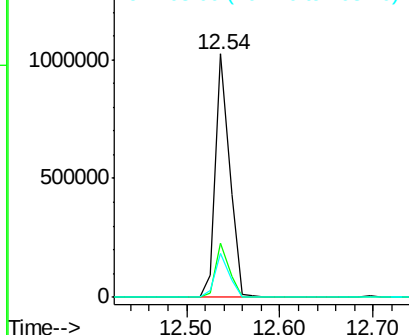
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	18.2	14.2	21.4

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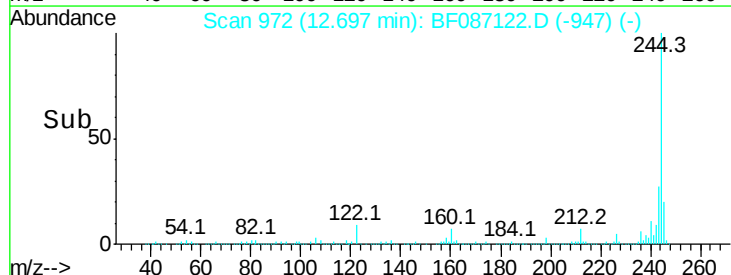
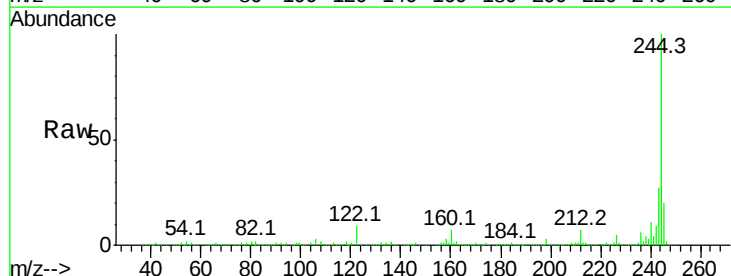
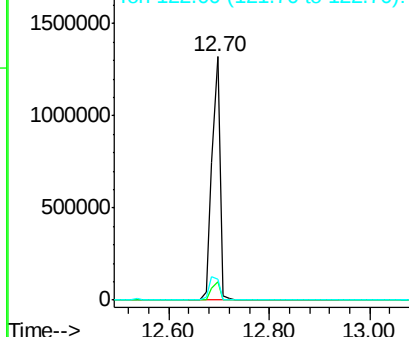
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

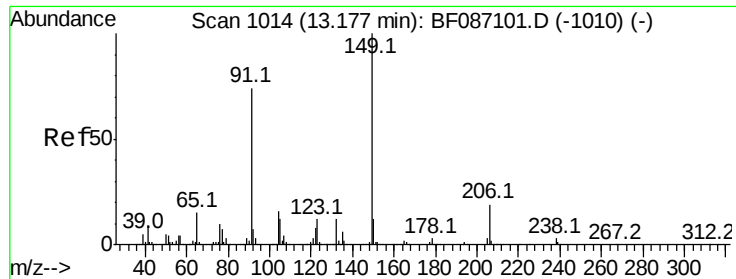


#78
Terphenyl-d14
Concen: 87.61 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	8.6	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: 44.49 ng

RT: 13.17 min Scan# 1013

Delta R.T. -0.02 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Instrument :

BNA_F

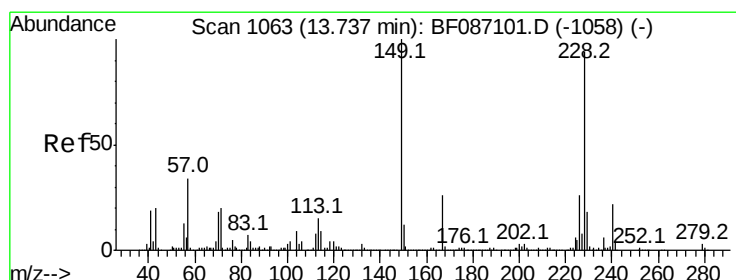
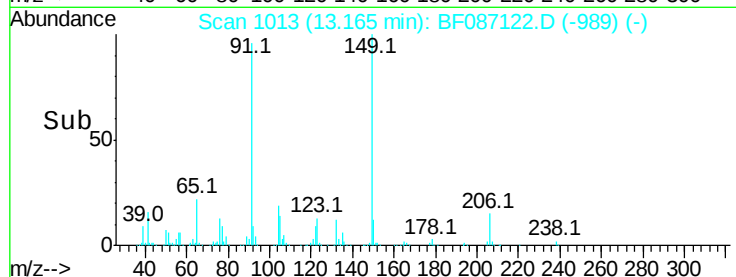
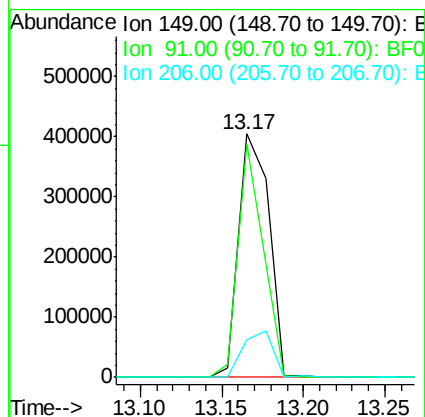
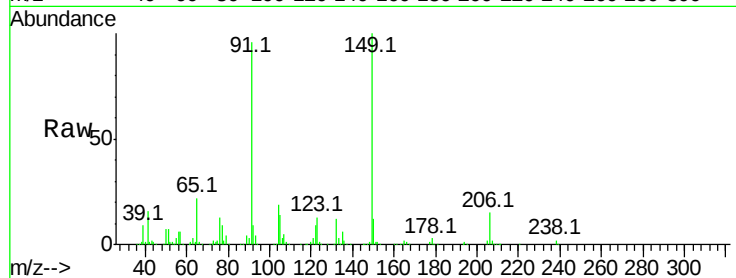
ClientSampleID :

PB90662BS

Tot Ion:	149	Resp:	520330
Ion Ratio	Lower	Upper	
149	100		
91	96.0	48.0	72.0#
206	15.5	15.8	23.6#

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#80

Benzo(a)anthracene

Concen: 41.17 ng

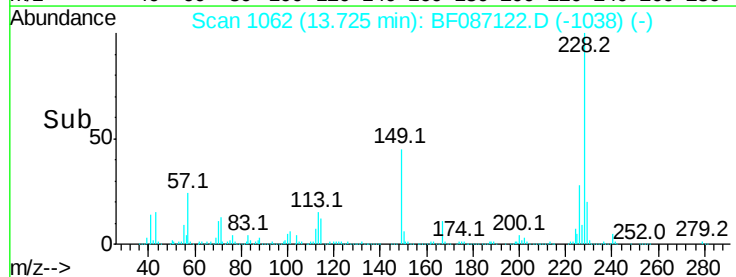
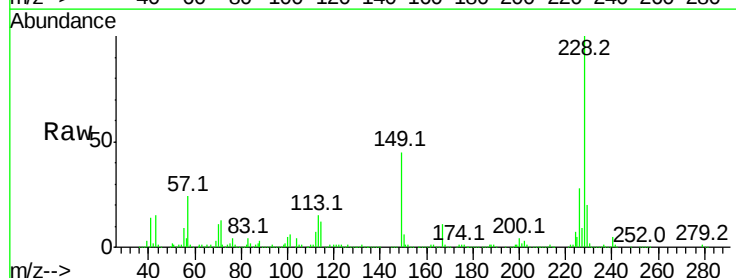
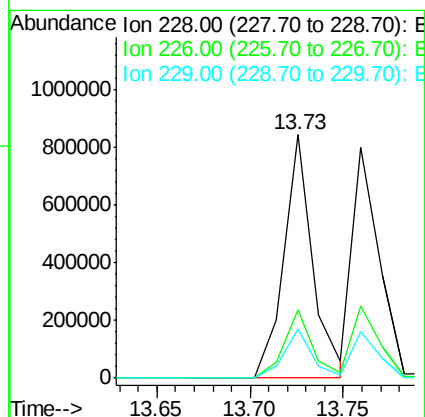
RT: 13.73 min Scan# 1062

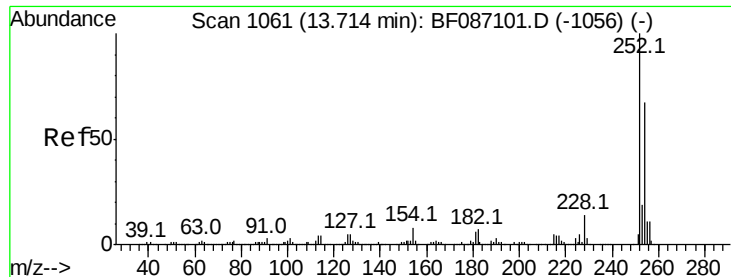
Delta R.T. -0.02 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Tgt Ion:	228	Resp:	912921
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.5	33.7
229	20.2	16.6	25.0





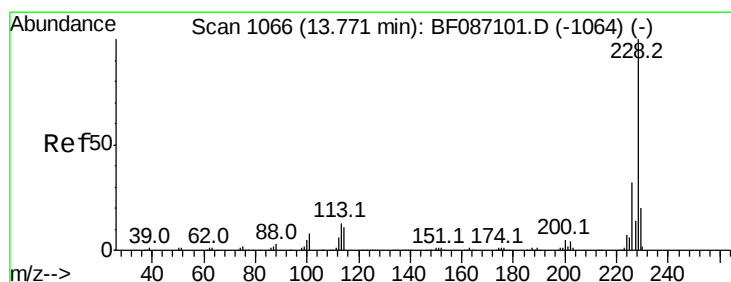
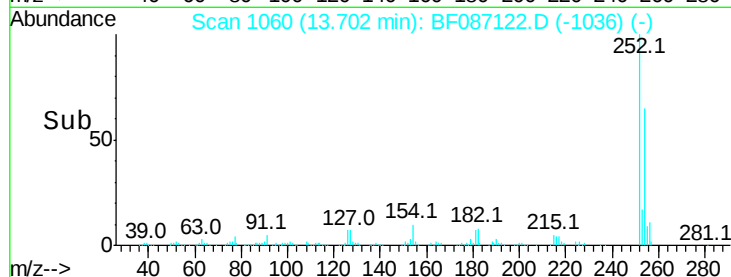
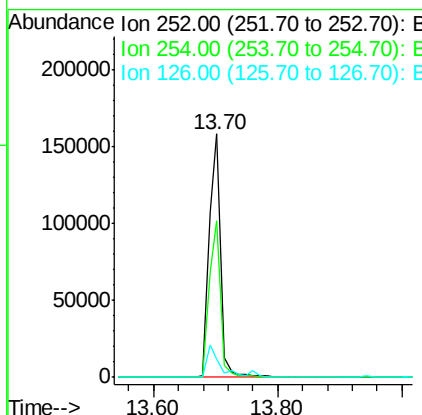
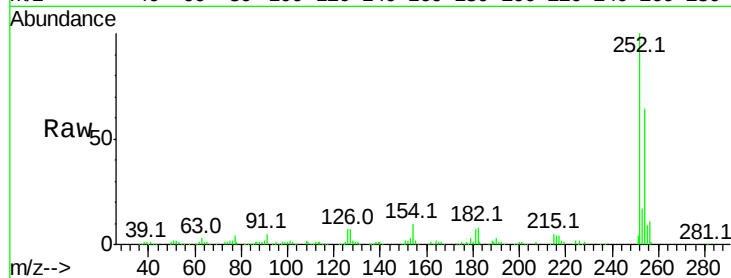
#81
 3,3'-Dichlorobenzidine
 Concen: 14.29 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BF087122.D
 Acq: 18 May 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90662BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.7	76.1
126	7.4	12.7	19.1

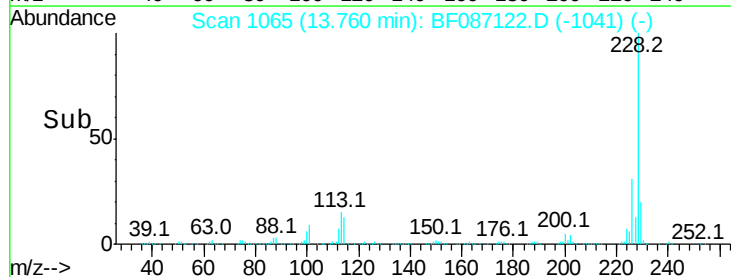
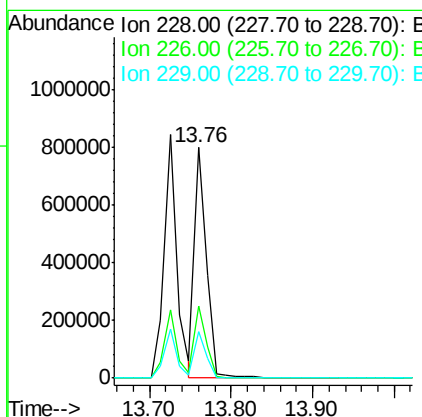
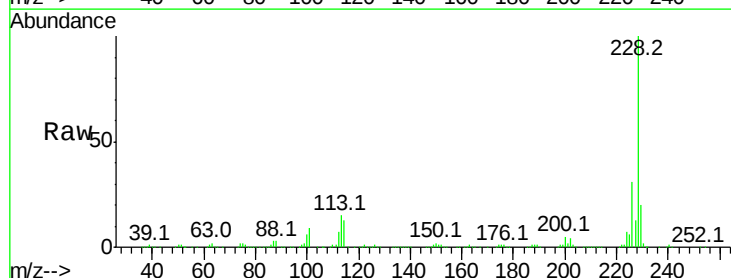
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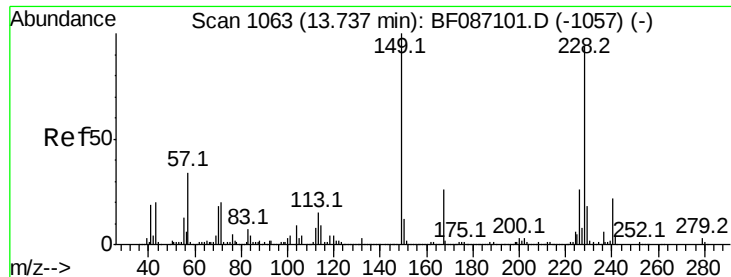
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#82
 Chrysene
 Concen: 38.38 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BF087122.D
 Acq: 18 May 2016 00:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	20.3	15.8	23.8





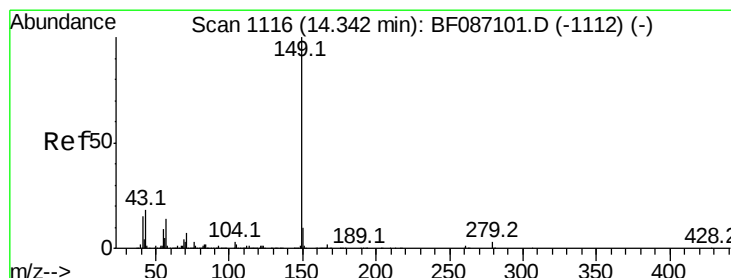
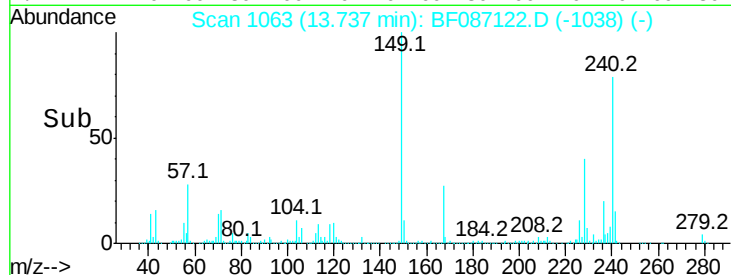
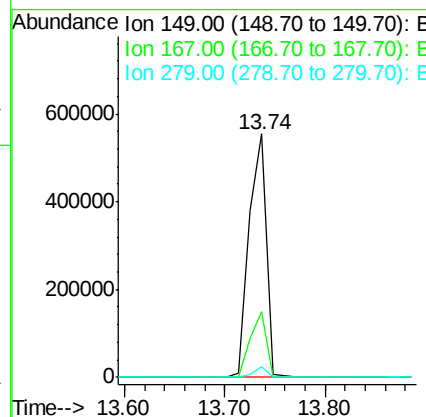
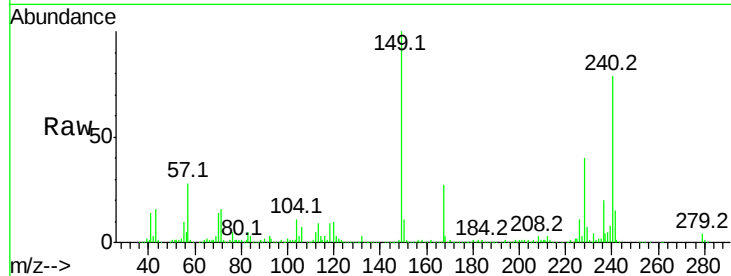
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.21 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BF087122.D
 Acq: 18 May 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90662BS

Tot Ion:	149	Resp:	657719
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.8	32.6
279	4.3	2.6	4.0#

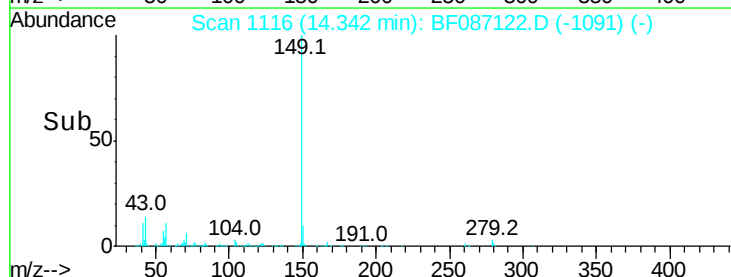
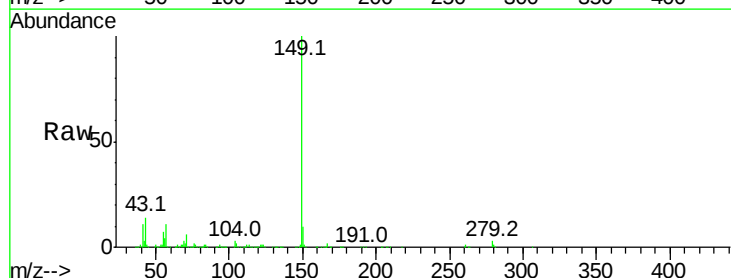
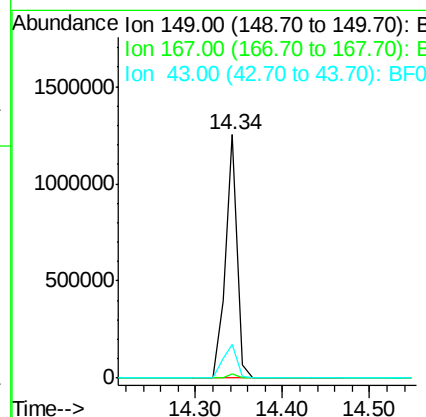
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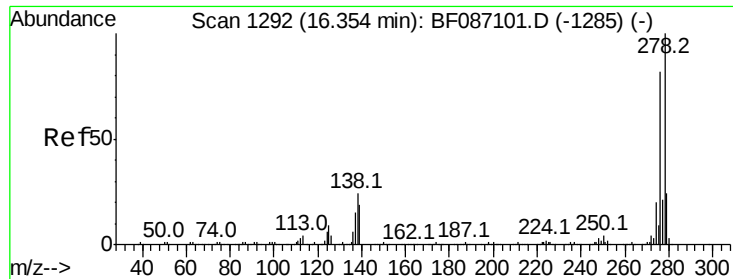
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#84
 Di-n-octyl phthalate
 Concen: 48.65 ng
 RT: 14.34 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BF087122.D
 Acq: 18 May 2016 00:52

Tgt Ion:	149	Resp:	1192785
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	16.5	8.2	12.4#





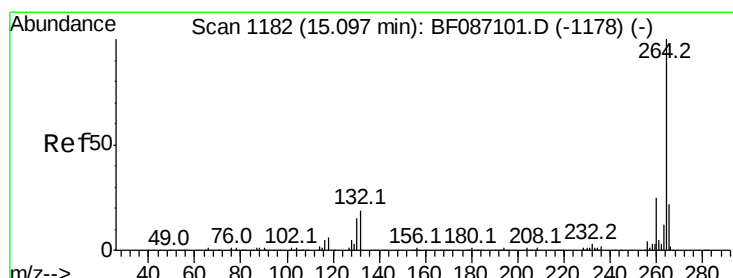
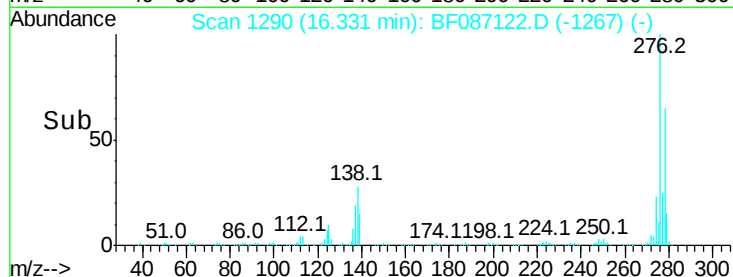
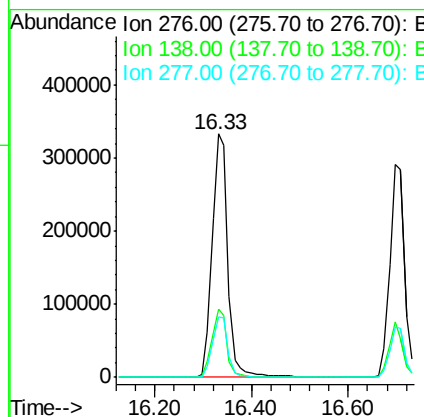
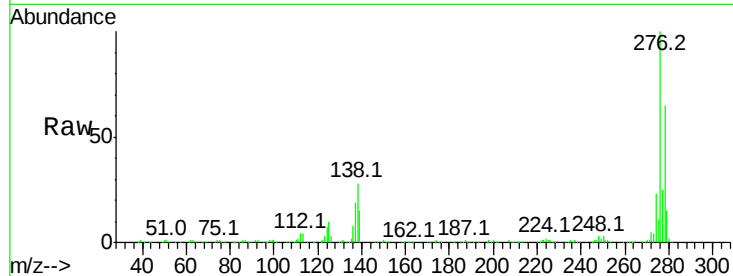
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.87 ng
RT: 16.33 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Instrument :
BNA_F
ClientSampleId :
PB90662BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	769693		
138	27.2		25.6	38.4
277	24.9		20.5	30.7

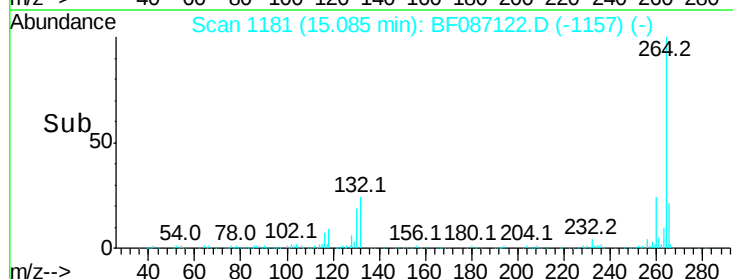
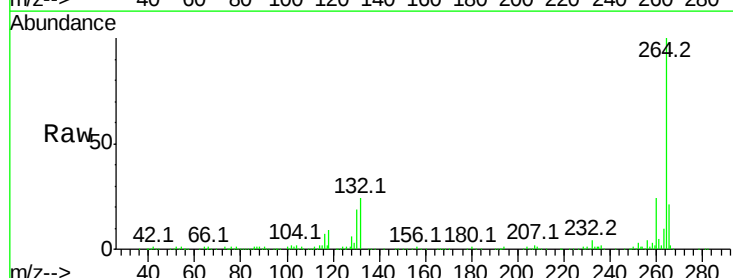
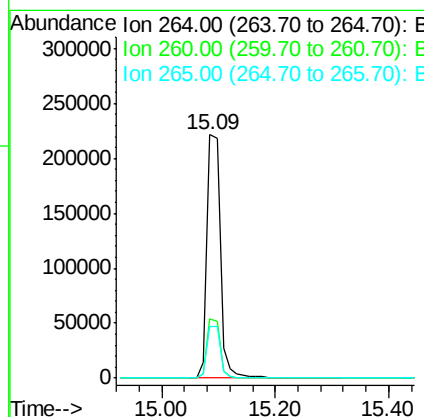
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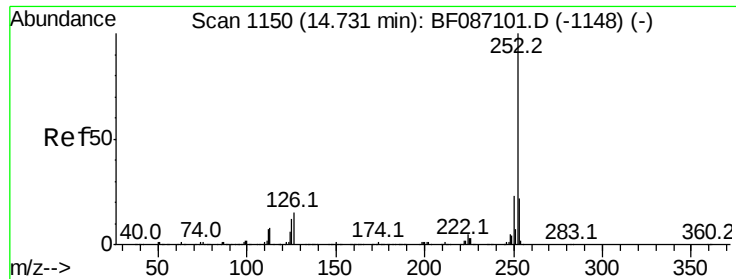
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	345327		
260	24.1		19.5	29.3
265	21.3		17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 43.43 ng m

RT: 14.73 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF087122.D

Acq: 18 May 2016 00:52

Instrument :

BNA_F

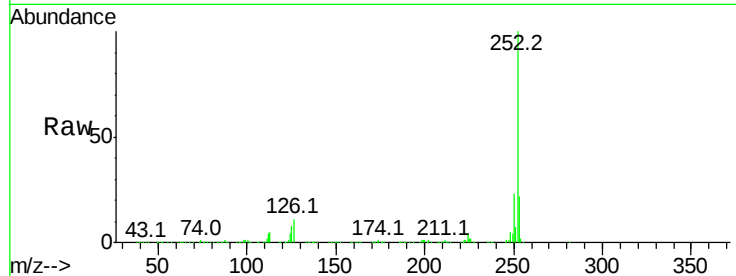
ClientSampleId :

PB90662BS

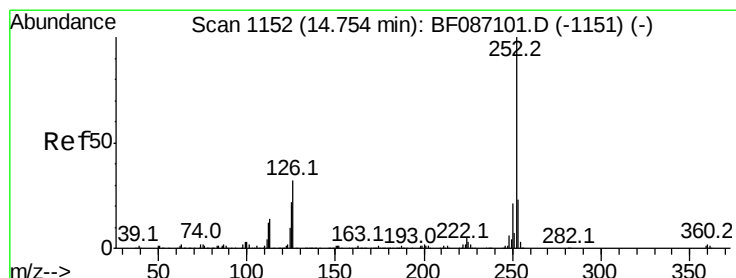
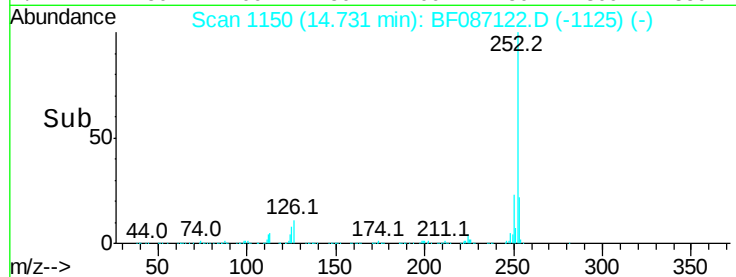
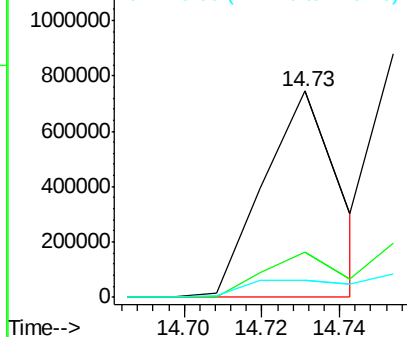
Tot Ion:	252	Resp:	995044
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.6
125	8.2	11.4	17.0

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



#88

Benzo(k)fluoranthene

Concen: 41.28 ng m

RT: 14.75 min Scan# 1152

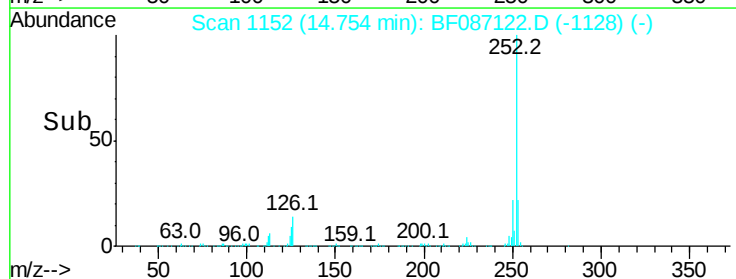
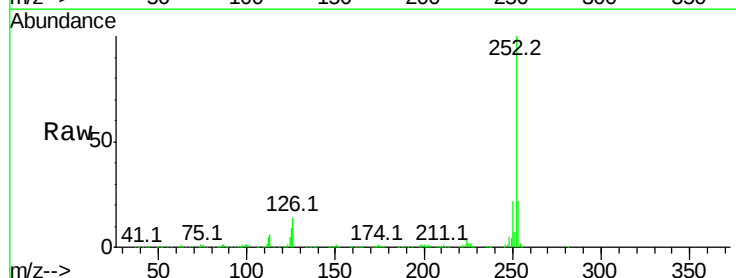
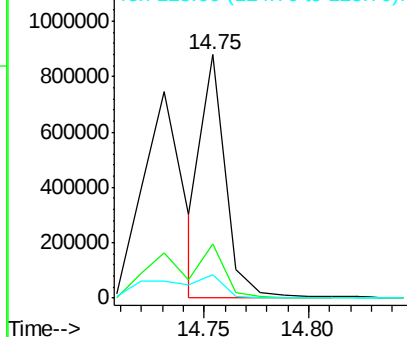
Delta R.T. -0.02 min

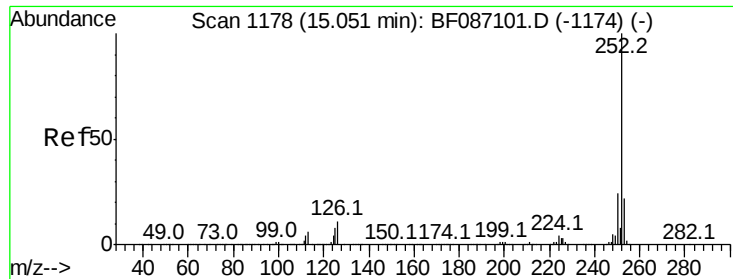
Lab File: BF087122.D

Acq: 18 May 2016 00:52

Tgt Ion:	252	Resp:	704034
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	9.4	9.1	13.7

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





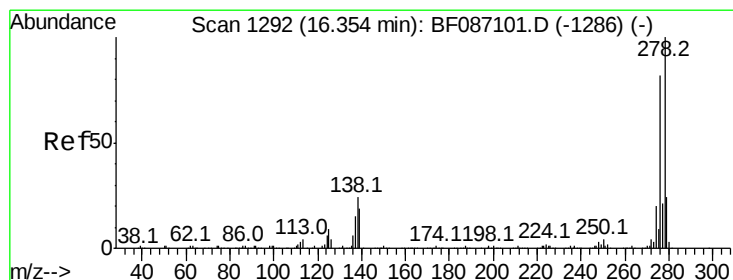
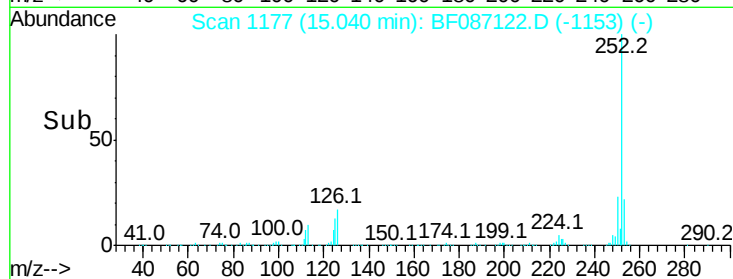
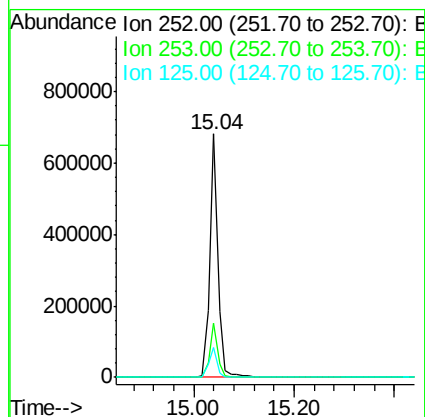
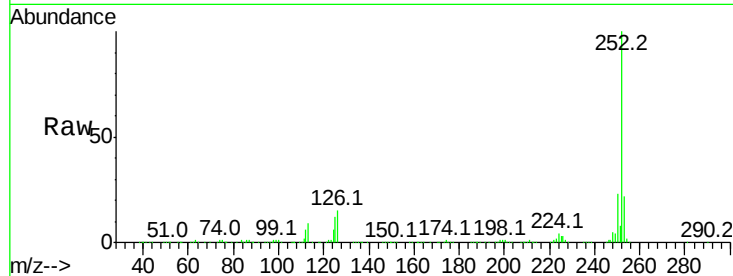
#89
Benzo(a)pyrene
Concen: 39.76 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Instrument :
BNA_F
ClientSampleId :
PB90662BS

Tot Ion:	252	Resp:	761331
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.2	25.8
125	12.1	9.0	13.6

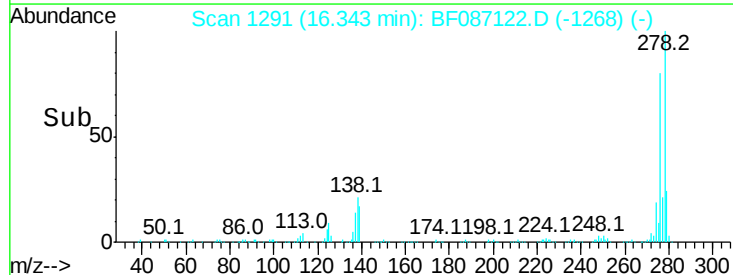
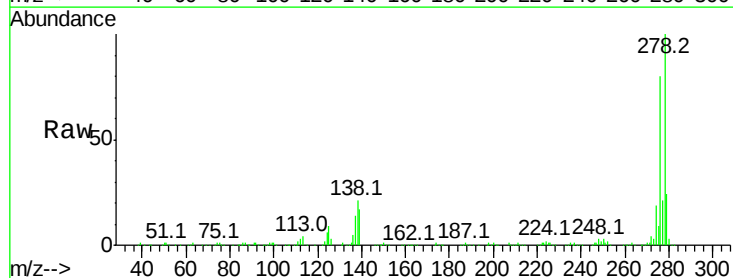
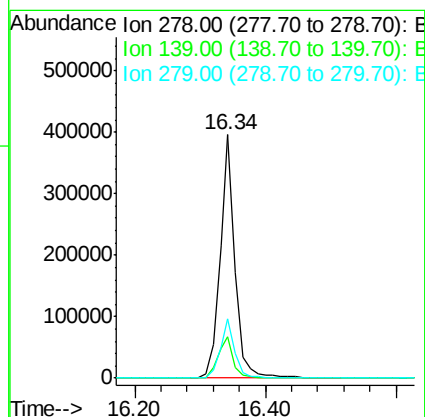
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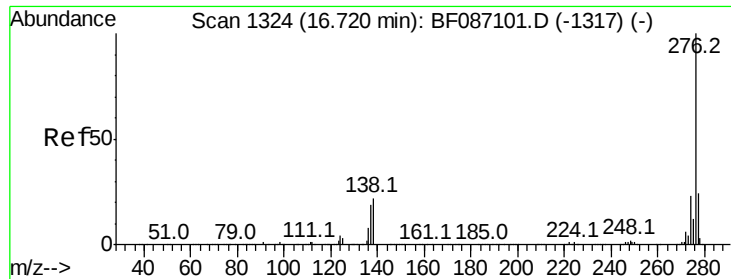
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#90
Dibenzo(a,h)anthracene
Concen: 39.37 ng
RT: 16.34 min Scan# 1291
Delta R.T. -0.03 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:	278	Resp:	634756
Ion Ratio	Lower	Upper	
278	100		
139	16.9	16.6	24.8
279	24.3	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 39.15 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. -0.05 min
 Lab File: BF087122.D
 Acq: 18 May 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90662BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.4	19.6	29.4	
138	25.8	23.6	35.4	

Manual Integrations
 APPROVED

sohil
 5/18/2016 6:59:08 PM

