

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087928.D
 Acq On : 12 Jun 2016 4:52
 Operator : UM/SJ
 Sample : PB91249BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91249BS

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Quant Time: Jun 12 06:10:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	99468	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	429107	20.00	ng	-0.03
38) Acenaphthene-d10	9.85	164	207074	20.00	ng	-0.03
63) Phenanthrene-d10	11.33	188	393263	20.00	ng	-0.03
75) Chrysene-d12	13.97	240	264617	20.00	ng	-0.02
86) Perylene-d12	15.37	264	241473	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	811577	139.48	ng	-0.02
7) Phenol-d6	6.44	99	993623	140.91	ng	-0.03
23) Nitrobenzene-d5	7.37	82	588020	80.02	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	262827	120.21	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	1254985	95.92	ng	-0.03
78) Terphenyl-d14	12.91	244	939881	80.82	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	101021	35.73	ng	# 38
3) Pyridine	3.13	79	259885	38.93	ng	95
4) n-Nitrosodimethylamine	3.07	42	122892	43.47	ng	86
6) Aniline	6.47	93	234402	23.35	ng	98
8) 2-Chlorophenol	6.58	128	307071	44.59	ng	98
9) Benzaldehyde	6.34	77	11550	2.43	ng	98
10) Phenol	6.46	94	421548	58.66	ng	88
11) bis(2-Chloroethyl)ether	6.55	93	281747	45.57	ng	# 81
12) 1,3-Dichlorobenzene	6.74	146	323316	43.76	ng	96
13) 1,4-Dichlorobenzene	6.82	146	335464	45.07	ng	97
14) 1,2-Dichlorobenzene	6.97	146	284875m	42.08	ng	
15) Benzyl Alcohol	6.95	79	232876	42.21	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	361700	43.30	ng	94
17) 2-Methylphenol	7.06	107	260659	46.67	ng	98
18) Hexachloroethane	7.31	117	111357	42.16	ng	# 86
19) n-Nitroso-di-n-propylamine	7.22	70	193294	42.85	ng	93
20) 3+4-Methylphenols	7.22	107	319352	49.01	ng	94
22) Acetophenone	7.21	105	397115	41.41	ng	# 91
24) Nitrobenzene	7.39	77	340881	47.89	ng	97
25) Isophorone	7.63	82	601175	44.17	ng	98
26) 2-Nitrophenol	7.70	139	166589	43.69	ng	96
27) 2,4-Dimethylphenol	7.75	122	302029	43.02	ng	94
28) bis(2-Chloroethoxy)methane	7.85	93	401746	47.59	ng	99
29) 2,4-Dichlorophenol	7.95	162	294703	50.28	ng	93
30) 1,2,4-Trichlorobenzene	8.03	180	269387	42.21	ng	100
31) Naphthalene	8.11	128	927594	43.68	ng	99
32) Benzoic acid	7.88	122	198082	51.24	ng	93
33) 4-Chloroaniline	8.16	127	130034	13.71	ng	97
34) Hexachlorobutadiene	8.24	225	139593	41.47	ng	98
35) Caprolactam	8.54	113	96637m	49.77	ng	
36) 4-Chloro-3-methylphenol	8.65	107	294916	47.05	ng	99
37) 2-Methylnaphthalene	8.81	142	635446	45.40	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	238922	44.00	ng	# 1
40) Hexachlorocyclopentadiene	8.96	237	251419	75.27	ng	99

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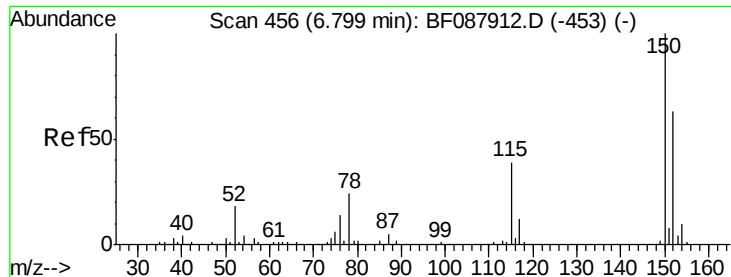
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	199498	48.18	nq	97
43) 2,4,5-Trichlorophenol	9.13	196	188758	43.81	nq	# 92
45) 1,1'-Biphenyl	9.27	154	696715	44.80	nq	99
46) 2-Chloronaphthalene	9.29	162	564764	42.15	nq	99
47) 2-Nitroaniline	9.39	65	200798	50.80	nq	# 73
48) Acenaphthylene	9.71	152	993197	46.60	nq	99
49) Dimethylphthalate	9.58	163	658646	43.91	nq	99
50) 2,6-Dinitrotoluene	9.63	165	151805	44.19	nq	# 67
51) Acenaphthene	9.88	154	656869	49.40	nq	99
52) 3-Nitroaniline	9.79	138	83422	21.05	nq	97
53) 2,4-Dinitrophenol	9.91	184	148741	79.20	nq	96
54) Dibenzofuran	10.06	168	887148	48.45	nq	97
55) 4-Nitrophenol	9.98	139	316657	102.92	nq	# 65
56) 2,4-Dinitrotoluene	10.03	165	215377	48.79	nq	# 59
57) Fluorene	10.40	166	614065	50.18	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	165240	48.81	nq	# 52
59) Diethylphthalate	10.27	149	672118	44.27	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	263962	43.35	nq	99
61) 4-Nitroaniline	10.42	138	191446	50.92	nq	92
62) Azobenzene	10.55	77	723069	48.16	nq	98
64) 4,6-Dinitro-2-methylphenol	10.44	198	112952	46.10	nq	83
65) n-Nitrosodiphenylamine	10.51	169	626172	47.99	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	191687	45.43	nq	97
67) Hexachlorobenzene	10.94	284	183436	41.85	nq	96
68) Atrazine	11.04	200	184157	46.60	nq	92
69) Pentachlorophenol	11.13	266	209910	90.84	nq	96
70) Phenanthrene	11.35	178	912214	44.20	nq	100
71) Anthracene	11.41	178	963871	46.30	nq	100
72) Carbazole	11.55	167	859268	44.11	nq	99
73) Di-n-butylphthalate	11.90	149	979753	39.73	nq	100
74) Fluoranthene	12.54	202	866443	39.79	nq	99
76) Benzidine	12.66	184	286091	39.05	nq	97
77) Pyrene	12.77	202	932496	47.49	nq	100
79) Butylbenzylphthalate	13.39	149	425827	49.05	nq	97
80) Benzo(a)anthracene	13.95	228	640886	42.50	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	116339	28.69	nq	99
82) Chrysene	13.99	228	625502	44.09	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	481156	45.53	nq	# 98
84) Di-n-octyl phthalate	14.56	149	922819	53.74	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.74	276	612099	46.44	nq	# 100
87) Benzo(b)fluoranthene	14.97	252	649929	38.62	nq	# 95
88) Benzo(k)fluoranthene	15.01	252	658947m	51.90	nq	
89) Benzo(a)pyrene	15.31	252	607967	44.65	nq	99
90) Dibenzo(a,h)anthracene	16.77	278	503295	39.80	nq	97
91) Benzo(g,h,i)perylene	17.15	276	527049	40.51	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF087928.D

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Instrument :

BNA_F

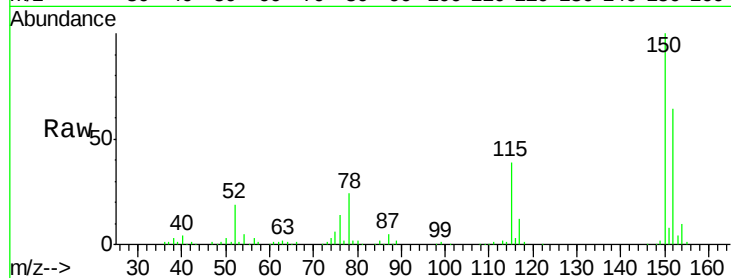
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PB91249BS

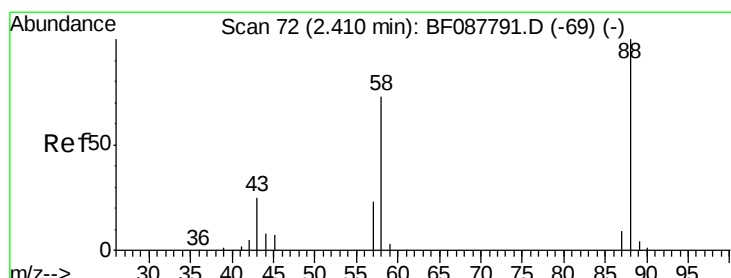
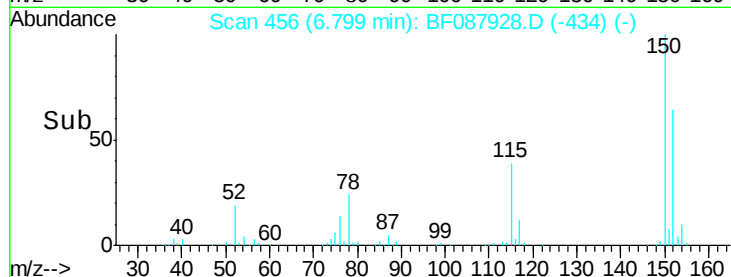
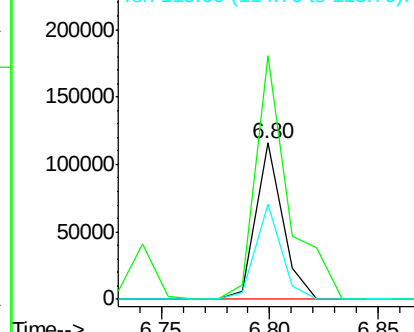
Tot Ion:	152	Resp:	99468
Ion Ratio	Lower	Upper	
152	100		
150	156.1	123.8	185.6
115	61.4	39.6	59.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.73 ng

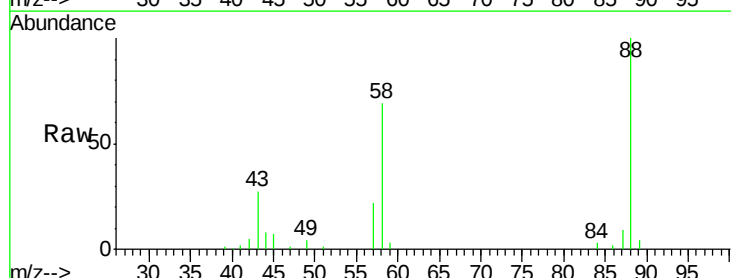
RT: 2.43 min Scan# 74

Delta R.T. 0.02 min

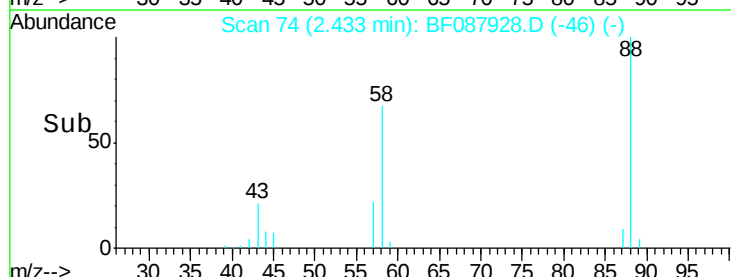
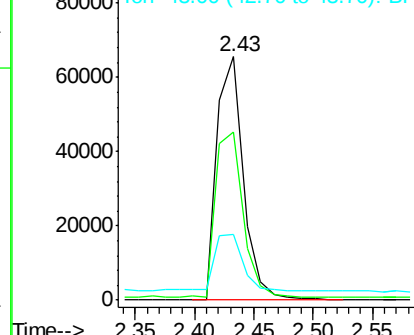
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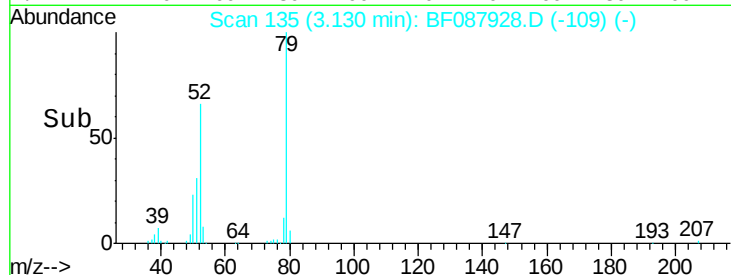
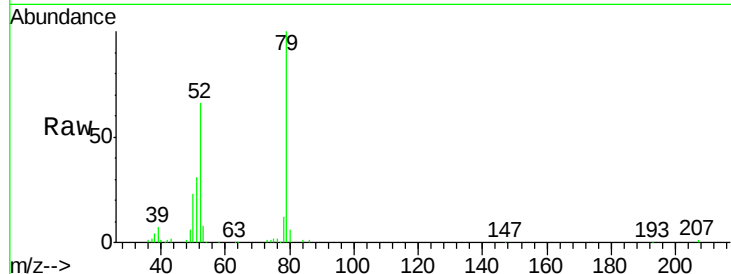
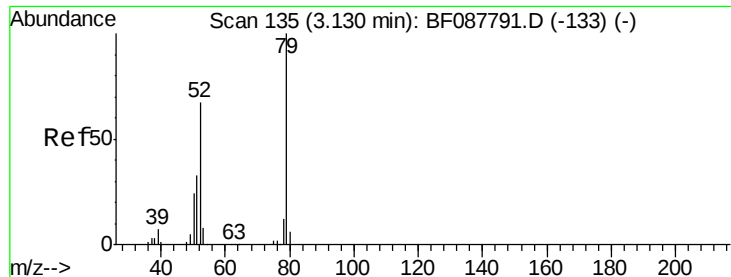
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Tgt Ion:	88	Resp:	101021
Ion Ratio	Lower	Upper	
88	100		
58	71.1	0.0	0.0
43	24.8	3.4	5.2



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





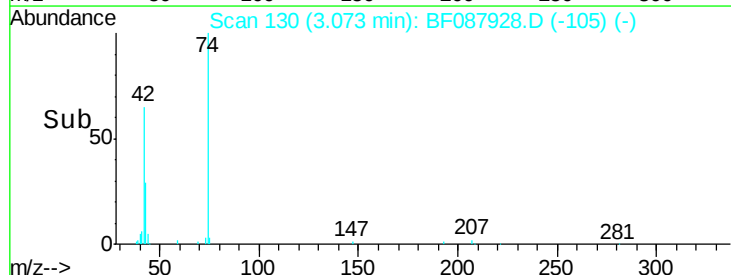
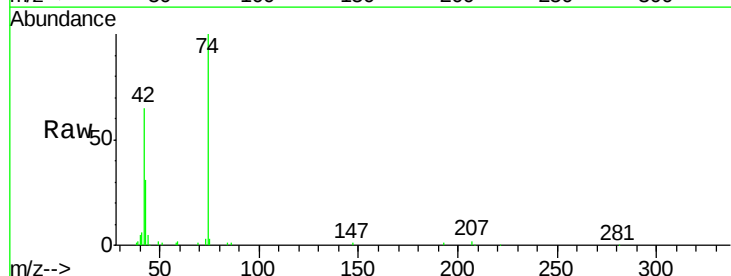
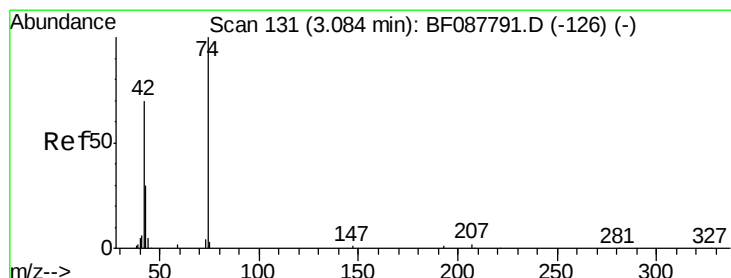
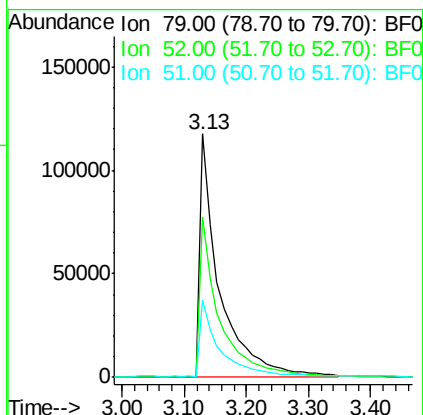
#3
Pvridine
Concen: 38.93 ng
RT: 3.13 min Scan# 135
Delta R.T. -0.00 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		259885		
52	65.9	56.3	84.5		
51	31.5	27.4	41.2		

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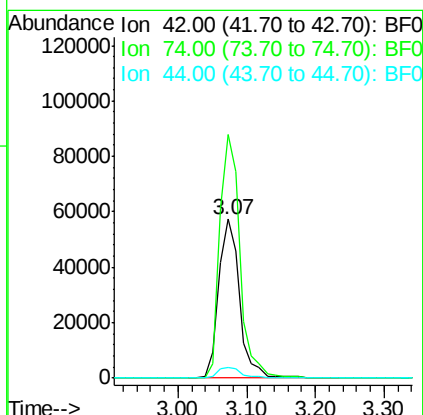
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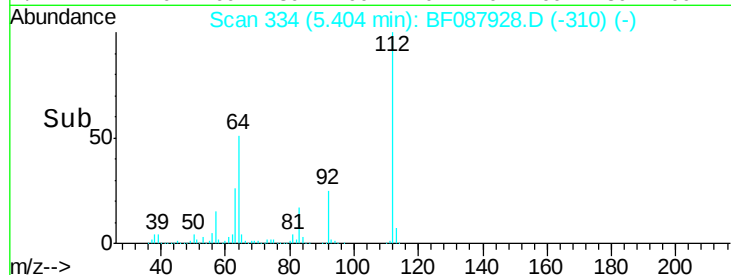
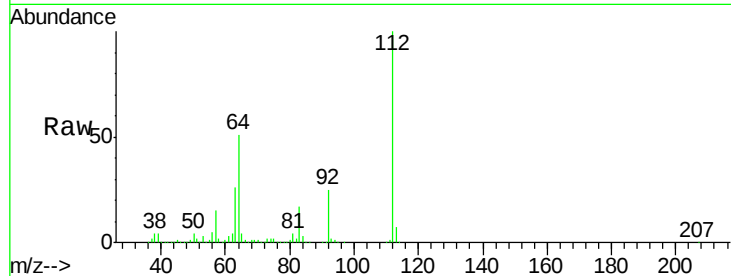
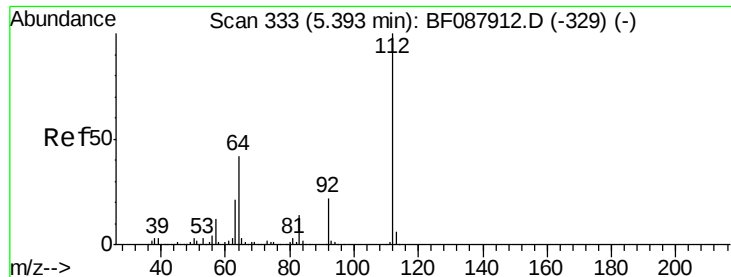
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#4
n-Nitrosodimethylamine
Concen: 43.47 ng
RT: 3.07 min Scan# 130
Delta R.T. -0.01 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		122892		
74	153.5	108.6	163.0		
44	7.0	5.5	8.3		





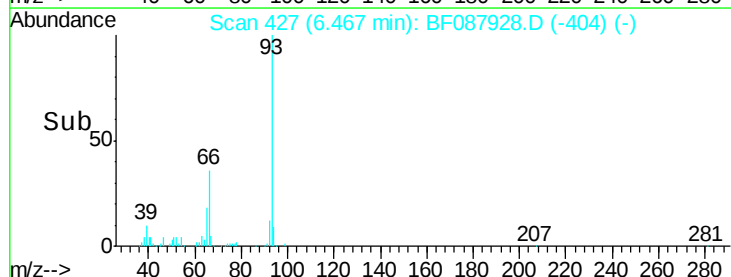
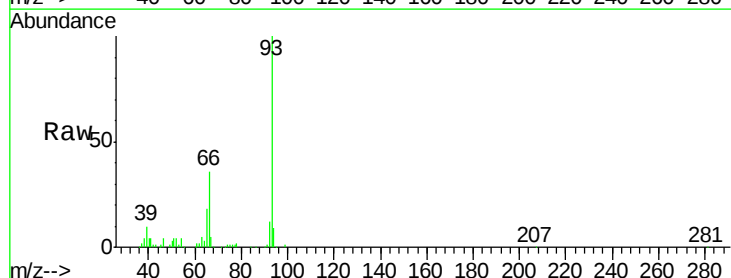
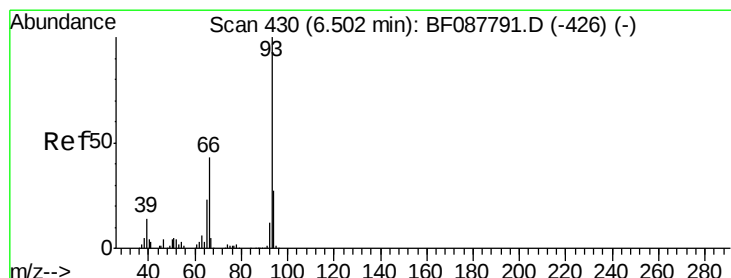
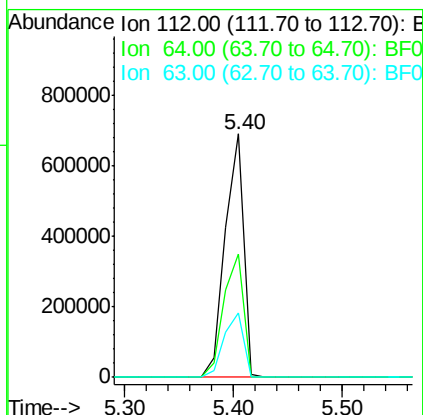
#5
2-Fluorophenol
Concen: 139.48 ng
RT: 5.40 min Scan# 334
Delta R.T. -0.02 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Tot Ion	Ratio	Resp	Lower	Upper
112	100	811577		
64	50.8	42.2	63.2	
63	26.4	21.8	32.8	

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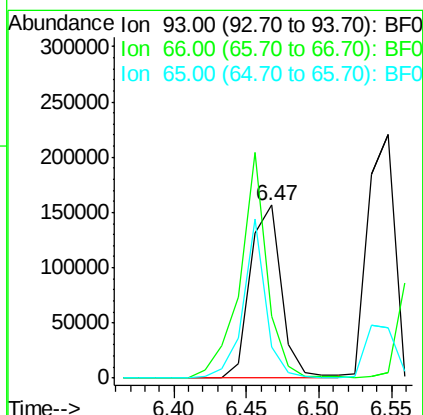
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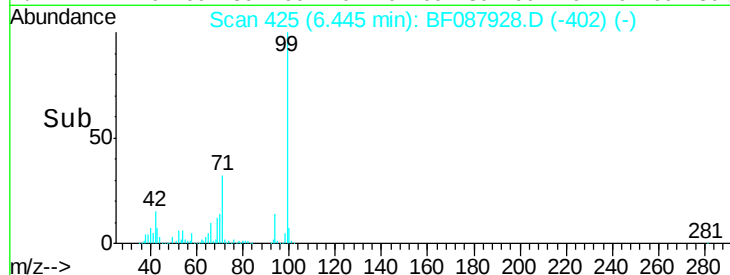
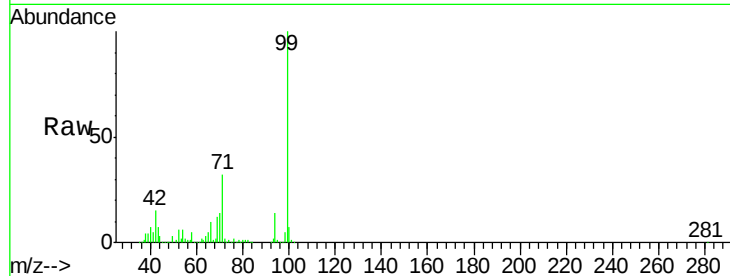
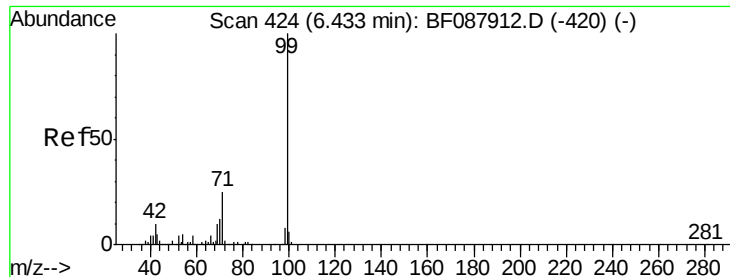
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#6
Aniline
Concen: 23.35 ng
RT: 6.47 min Scan# 427
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	234402		
66	35.8	29.8	44.8	
65	18.3	14.9	22.3	





#7

Phenol-d6

Concen: 140.91 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Tot Ion:	99	Resp:	993623
Ion Ratio	Lower	Upper	
99	100		
42	15.0	12.2	18.2
71	31.7	23.4	35.0

Instrument :

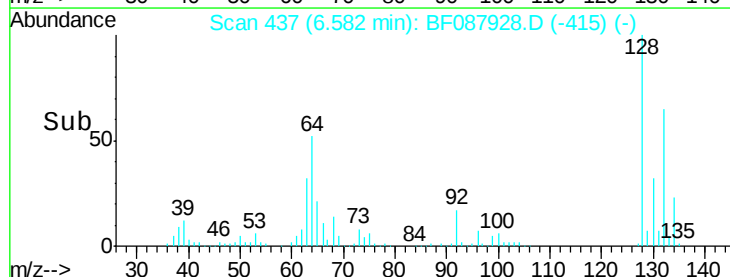
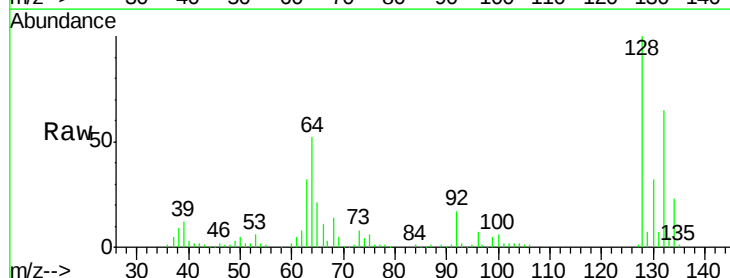
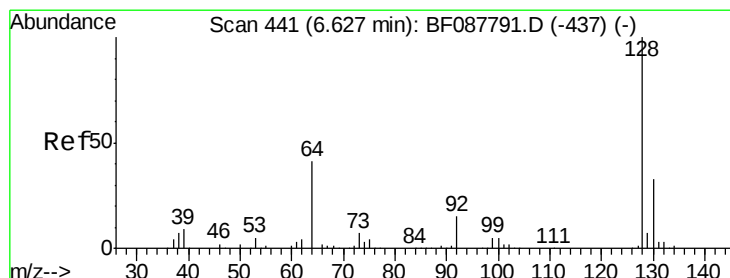
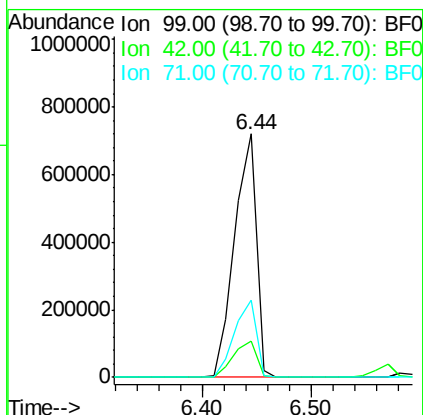
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#8

2-Chlorophenol

Concen: 44.59 ng

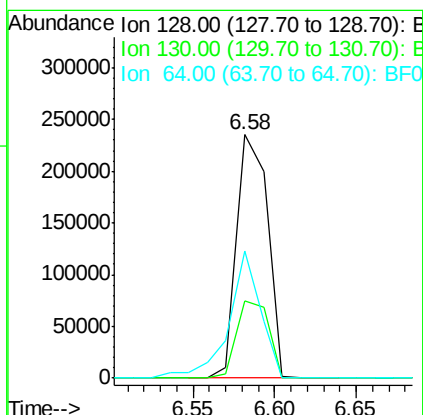
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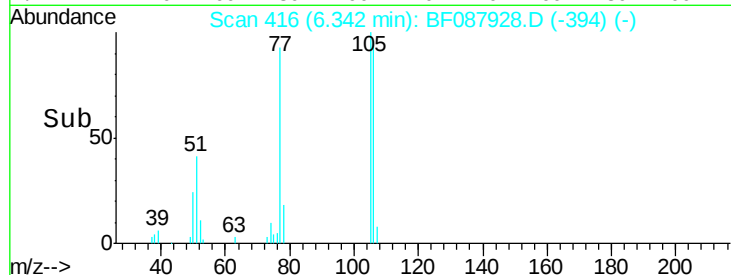
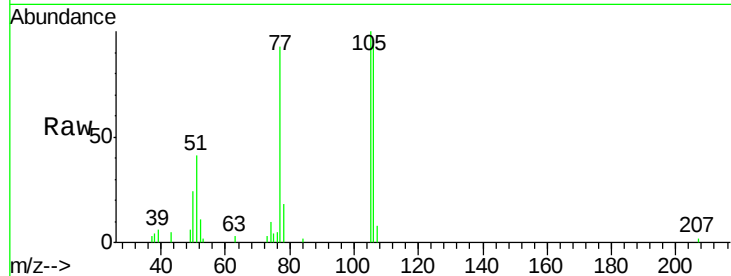
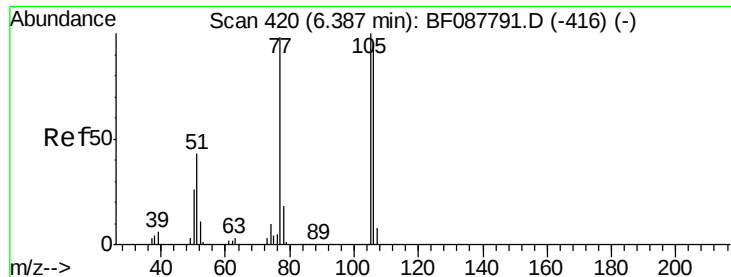
Delta R.T. -0.05 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Tgt Ion:	128	Resp:	307071
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.0	52.0
64	52.2	30.8	70.8





#9

Benzaldehyde

Concen: 2.43 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Tot Ion:	77	Resp:	11550
Ion Ratio	Lower	Upper	
77	100		
105	107.4	90.6	130.6
106	103.5	85.3	125.3

Instrument :

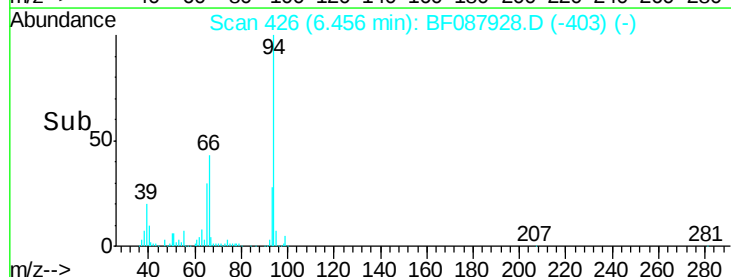
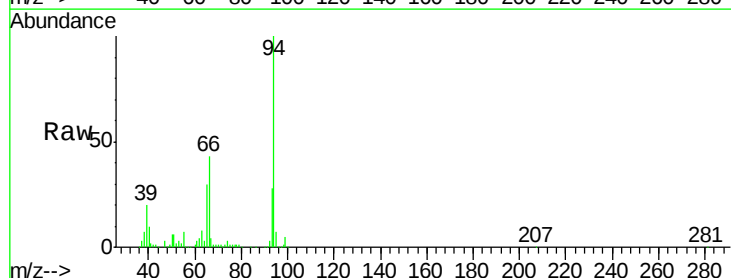
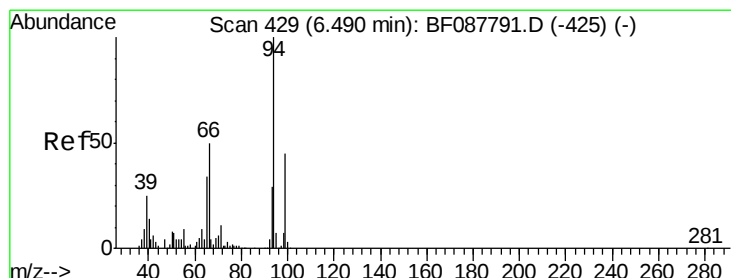
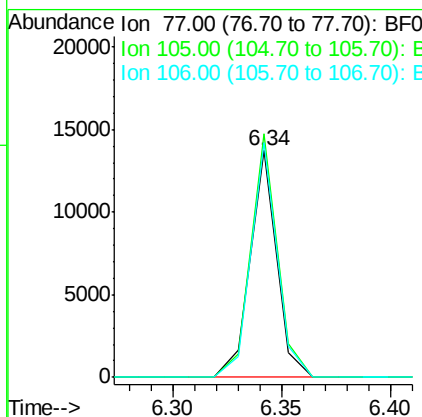
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#10

Phenol

Concen: 58.66 ng

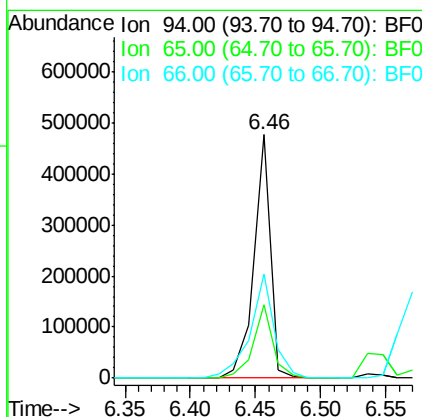
RT: 6.46 min Scan# 426

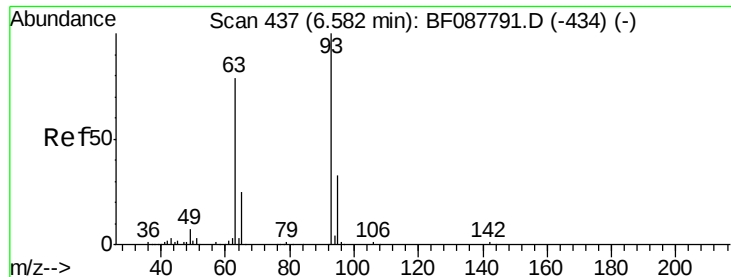
Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Tgt Ion:	94	Resp:	421548
Ion Ratio	Lower	Upper	
94	100		
65	30.2	5.9	45.9
66	42.9	14.0	54.0





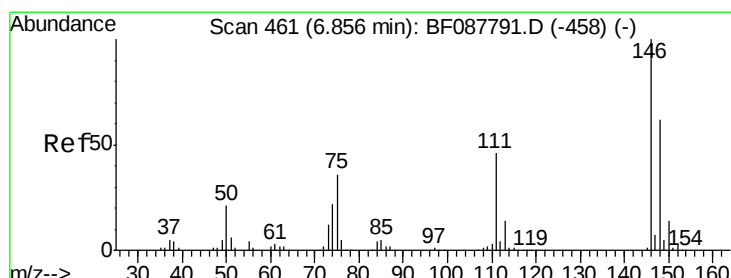
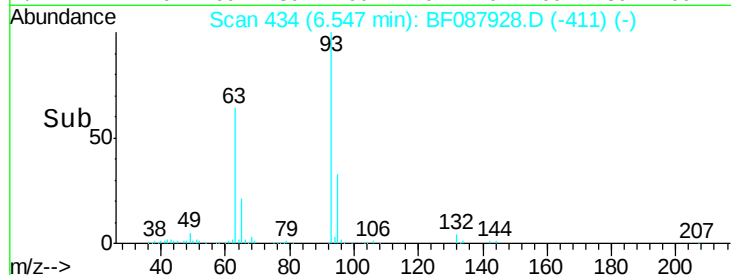
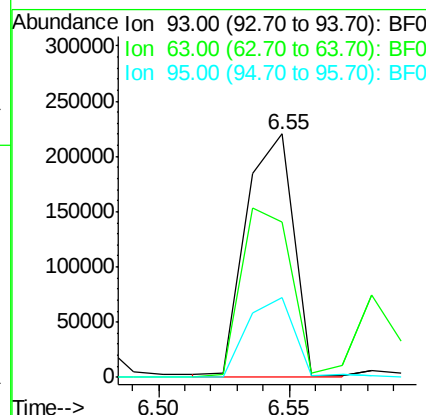
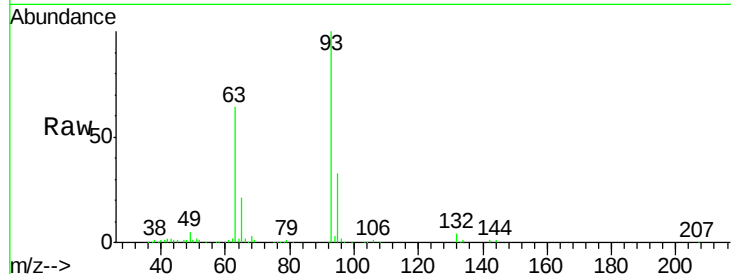
#11
bis(2-Chloroethyl)ether
Concen: 45.57 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Instrument :
BNA_F
ClientSampleId :
PB91249BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	64.0	67.6	107.6#
95	33.0	12.5	52.5

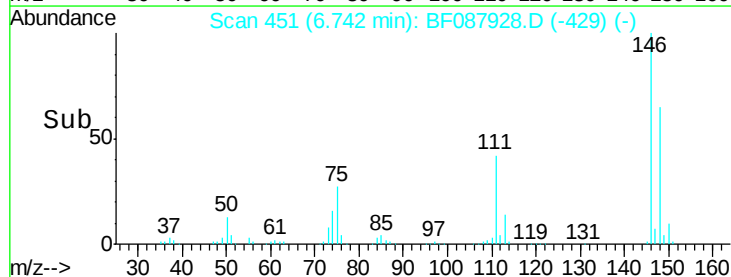
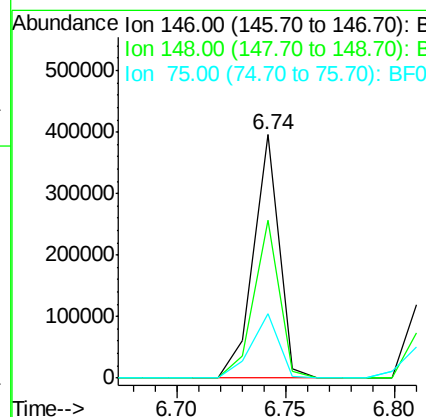
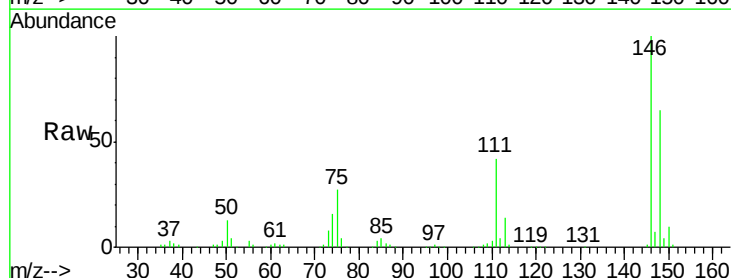
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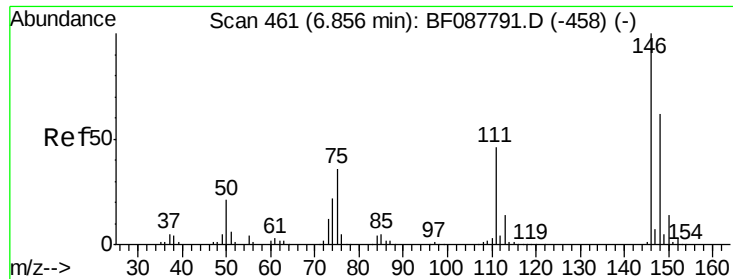
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#12
1,3-Dichlorobenzene
Concen: 43.76 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.9	76.3
75	26.7	25.6	38.4





#13

1,4-Dichlorobenzene

Concen: 45.07 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

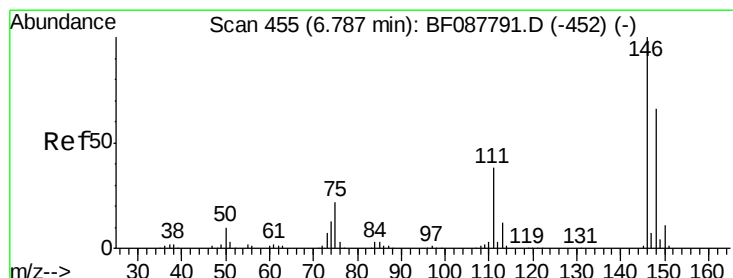
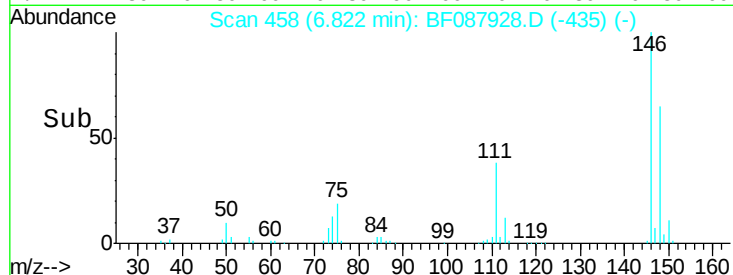
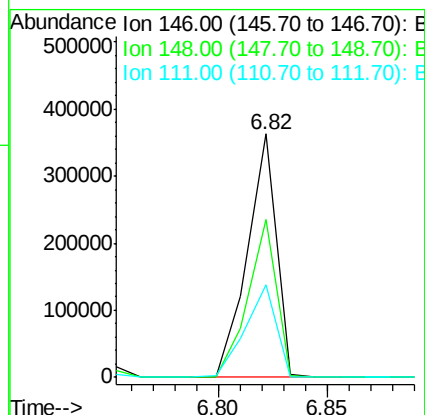
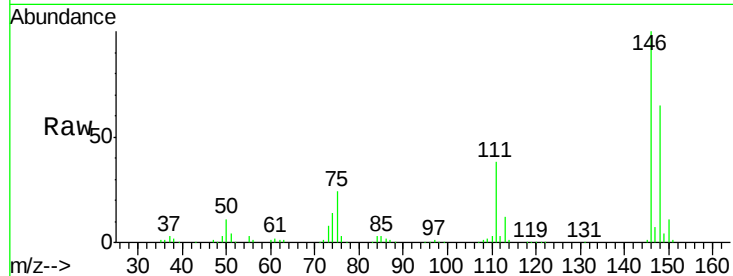
ClientSampled :

PB91249BS

Tot Ion:	146	Resp:	335464
Ion Ratio		Lower	Upper
146	100		
148	64.9	52.0	78.0
111	38.0	33.8	50.8

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#14

1,2-Dichlorobenzene

Concen: 42.08 ng m

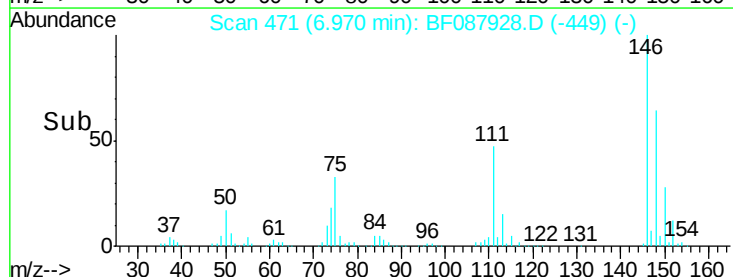
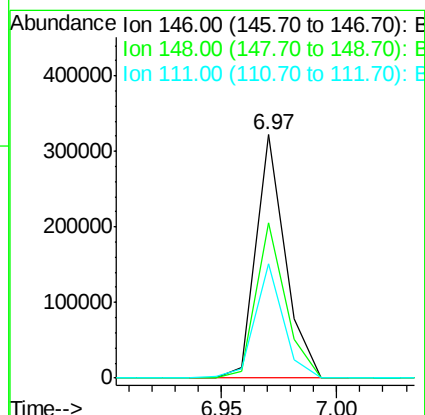
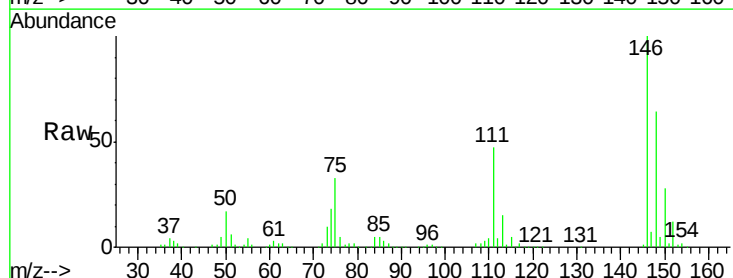
RT: 6.97 min Scan# 471

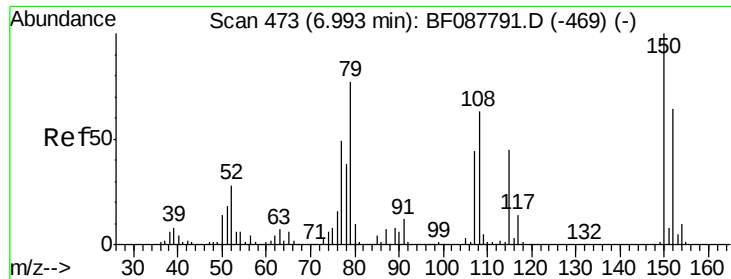
Delta R.T. -0.05 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Tgt Ion:	146	Resp:	284875
Ion Ratio		Lower	Upper
146	100		
148	64.0	52.3	78.5
111	47.0	28.7	43.1#





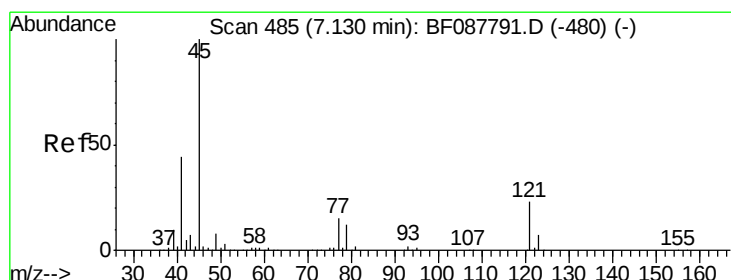
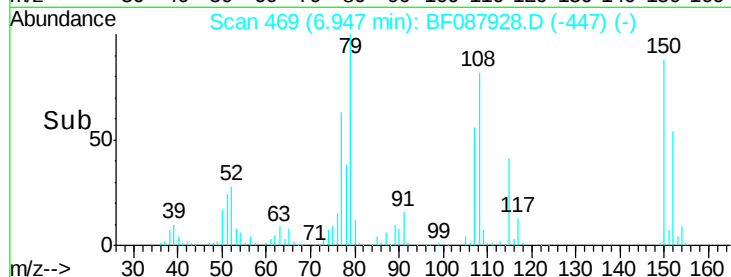
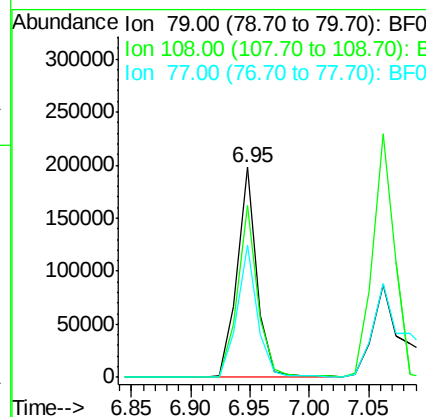
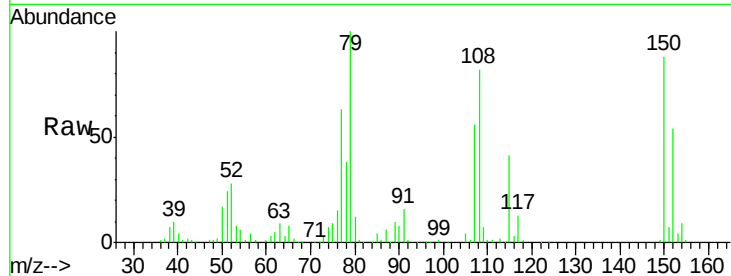
#15
Benzyl Alcohol
Concen: 42.21 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.05 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Instrument :
BNA_F
ClientSampleId :
PB91249BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	232876		
108	82.2	65.0	97.6	
77	62.9	50.3	75.5	

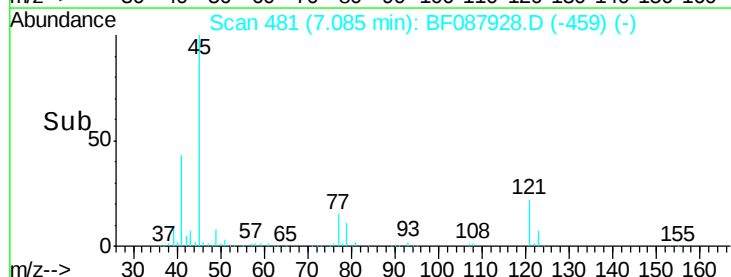
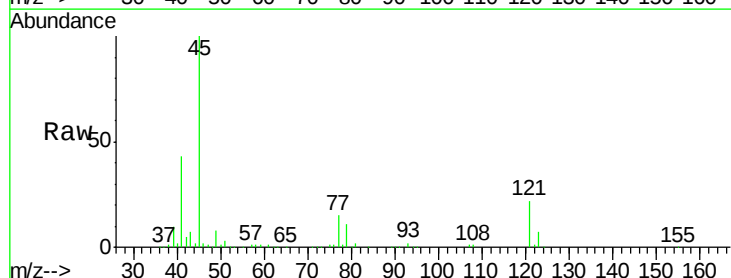
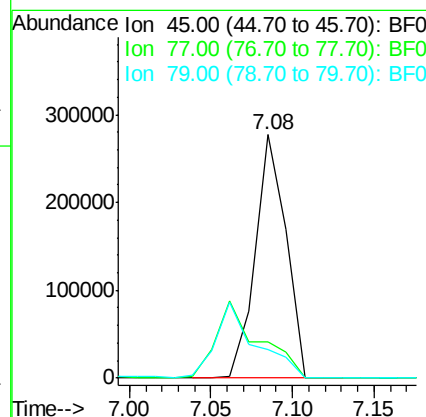
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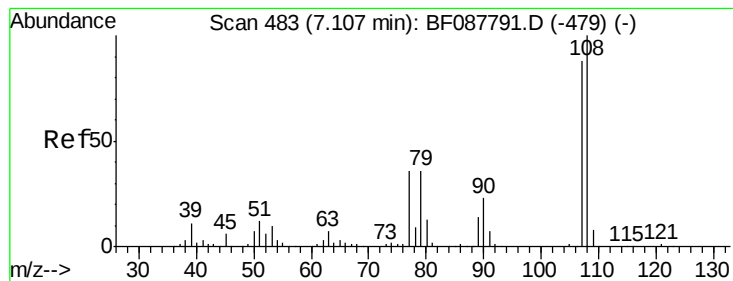
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.30 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.05 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	361700		
77	14.9	0.0	32.5	
79	11.5	0.0	29.5	





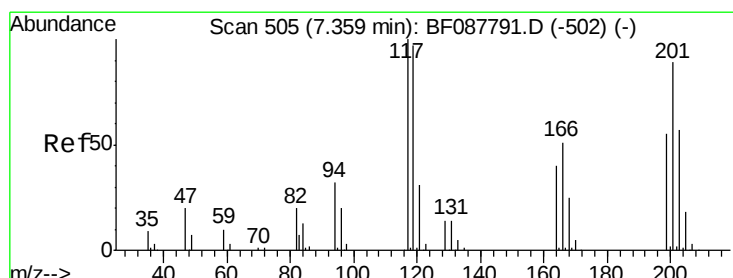
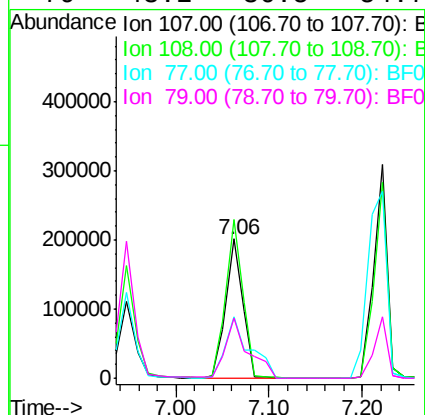
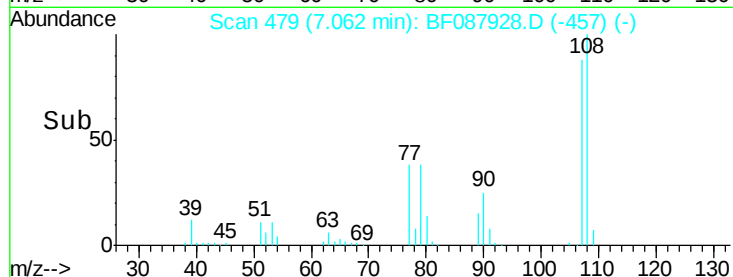
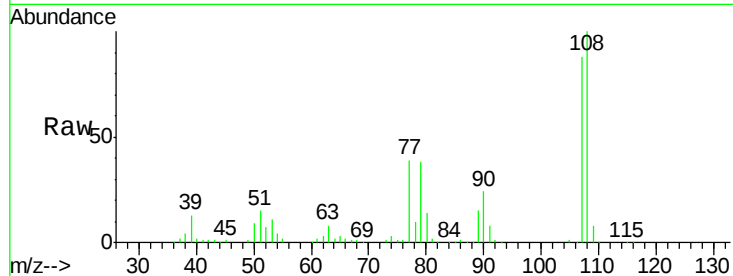
#17
2-Methylphenol
Concen: 46.67 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.05 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Instrument :
BNA_F
ClientSampleId :
PB91249BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	113.8	90.9	136.3		
77	43.8	36.6	55.0		
79	43.2	36.5	54.7		

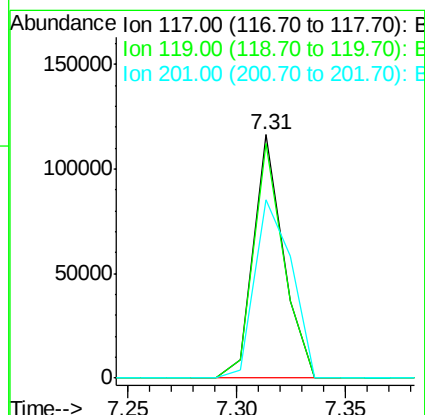
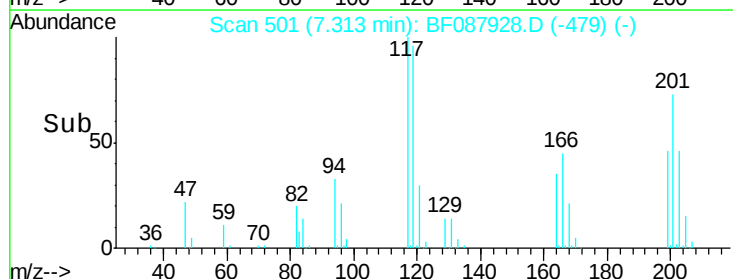
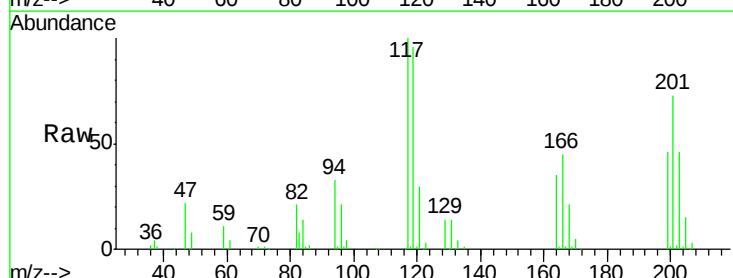
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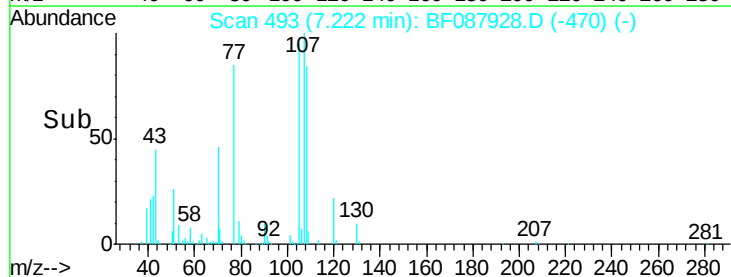
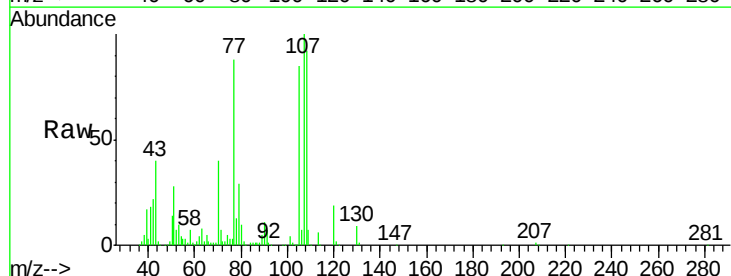
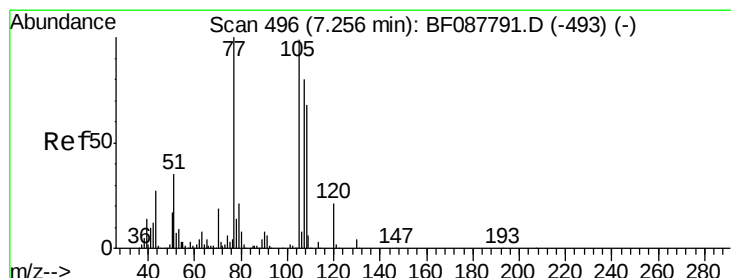
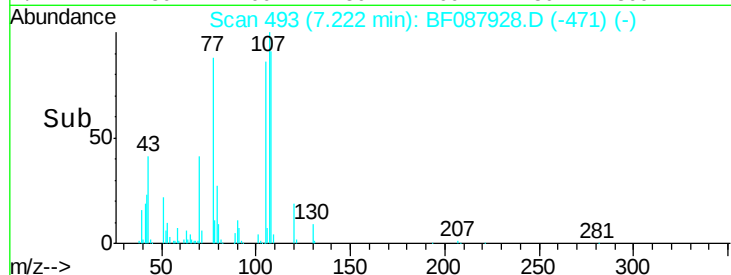
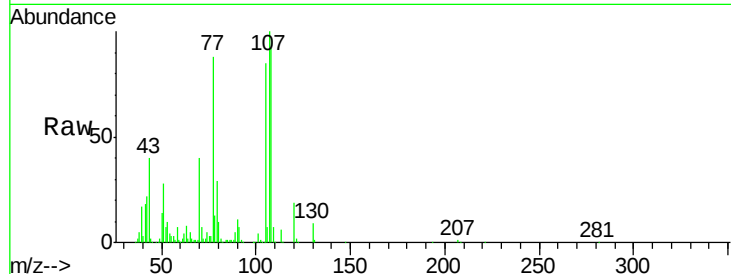
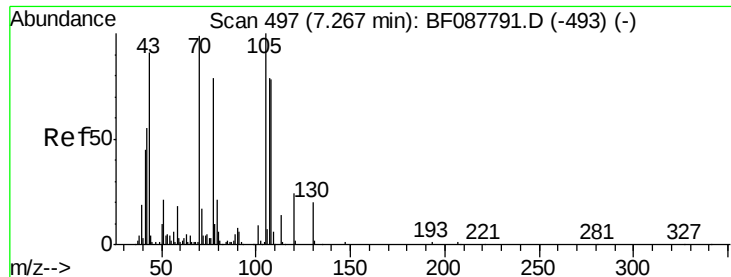
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#18
Hexachloroethane
Concen: 42.16 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.05 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	96.3	77.4	116.2		
201	73.2	80.4	120.6#		





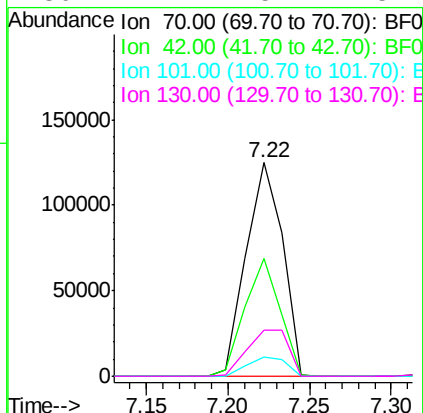
#19
n-Nitroso-di-n-propylamine
Concen: 42.85 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.05 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Instrument :
BNA_F
ClientSampleId :
PB91249BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	55.2	49.6	74.4		
101	9.3	7.1	10.7		
130	21.4	15.4	23.2		

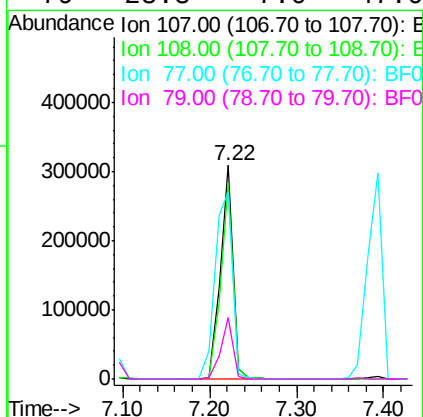
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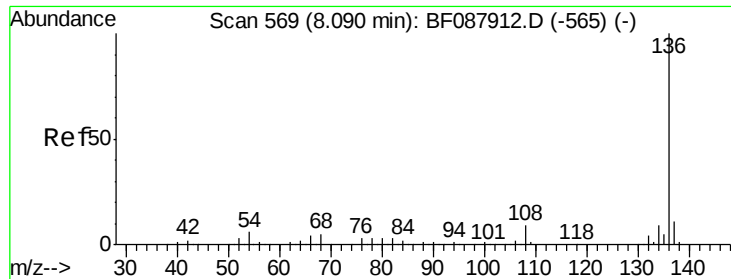
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#20
3+4-Methylphenols
Concen: 49.01 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.6	67.8	107.8		
77	87.8	59.3	99.3		
79	28.8	7.0	47.0		





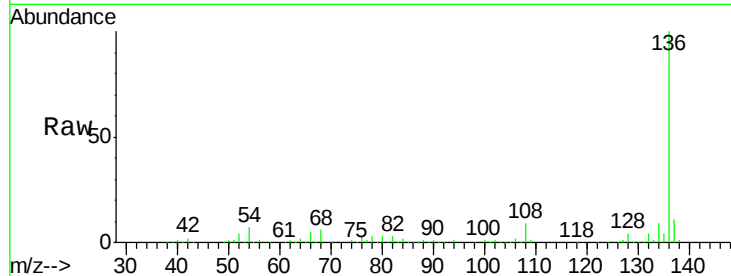
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Instrument :
BNA_F
ClientSampleId :
PB91249BS

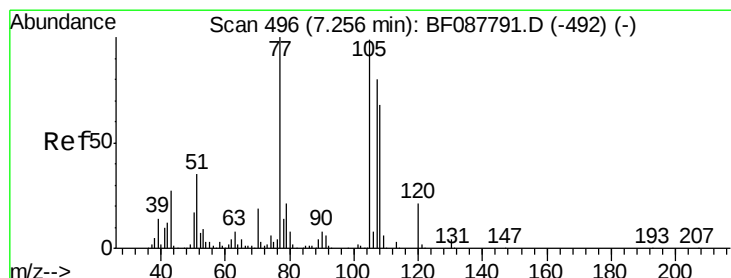
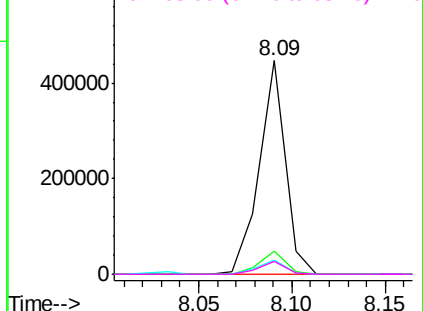
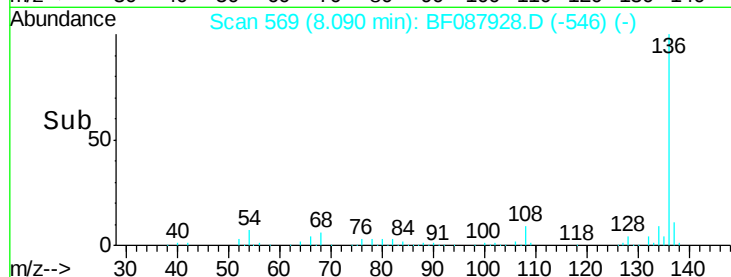
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.9	6.6	10.0
68	5.9	5.1	7.7

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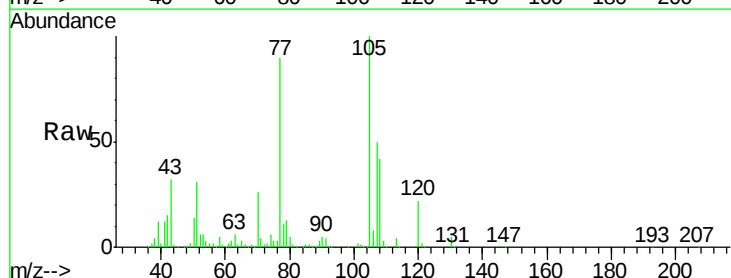


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

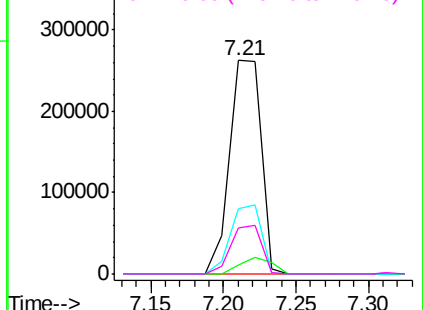
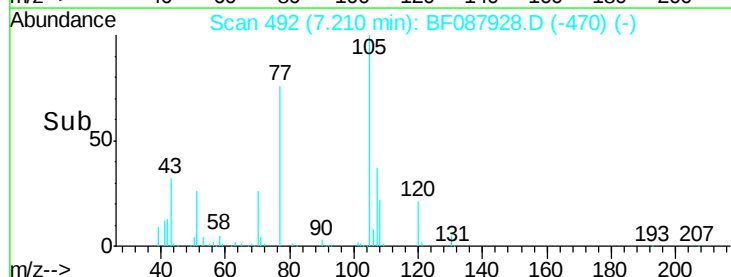


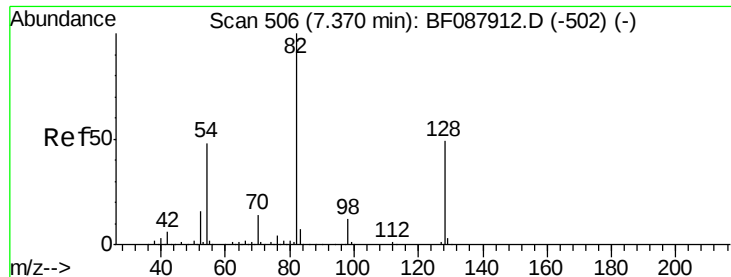
#22
Acetophenone
Concen: 41.41 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.05 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.4	5.3	7.9#
51	30.8	18.2	27.4#
120	21.5	18.0	27.0



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





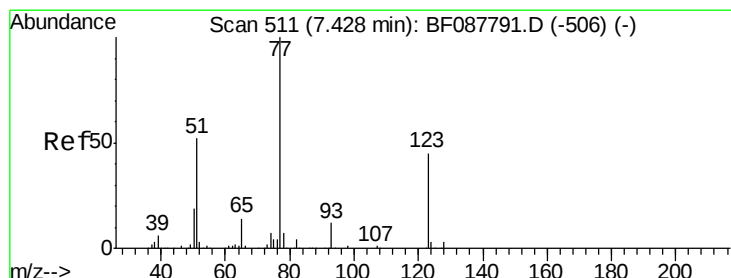
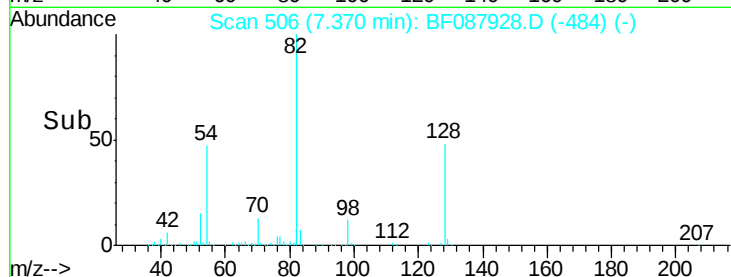
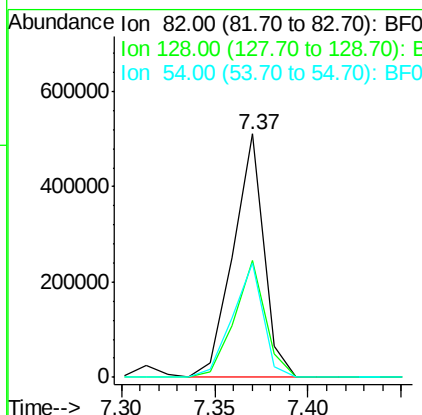
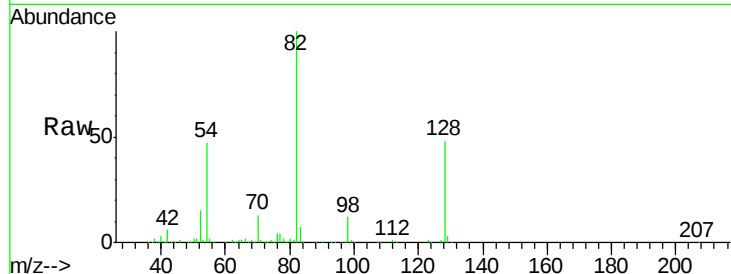
#23
 Nitrobenzene-d5
 Concen: 80.02 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Instrument :
 BNA_F
 ClientSampleId :
 PB91249BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	588020		
128	48.0		35.9	53.9
54	47.0		40.9	61.3

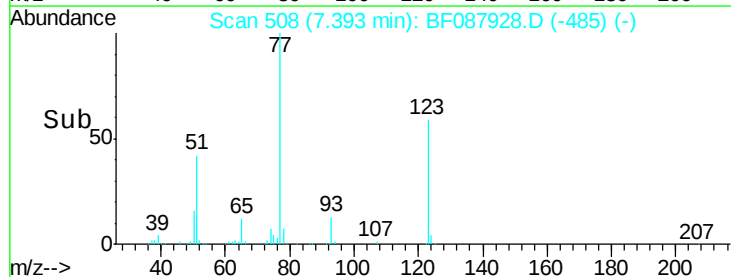
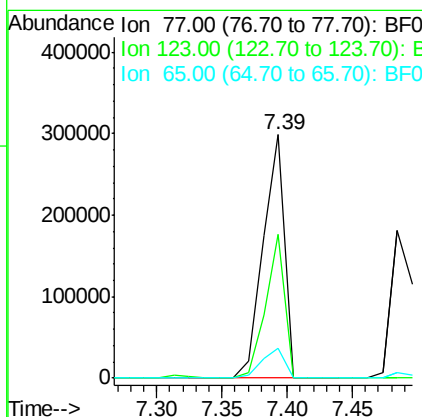
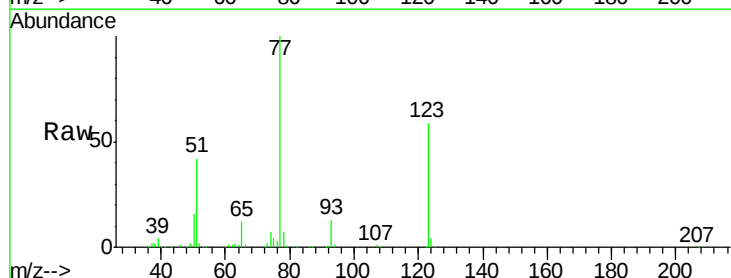
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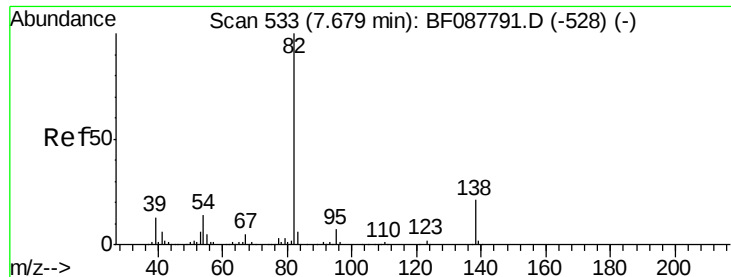
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#24
 Nitrobenzene
 Concen: 47.89 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	340881		
123	59.0		45.0	67.4
65	12.5		10.2	15.2





#25

Isophorone

Concen: 44.17 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.05 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

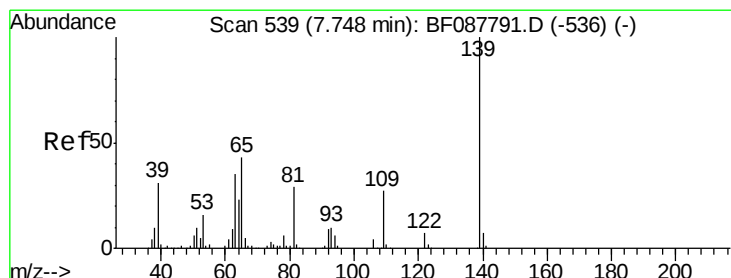
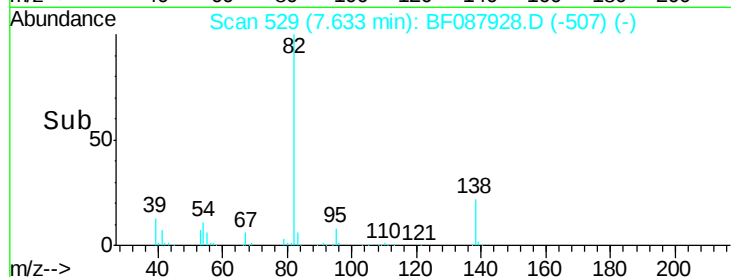
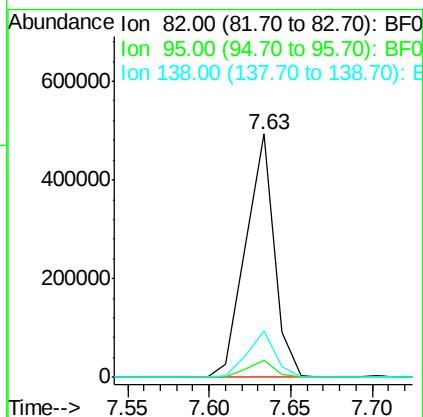
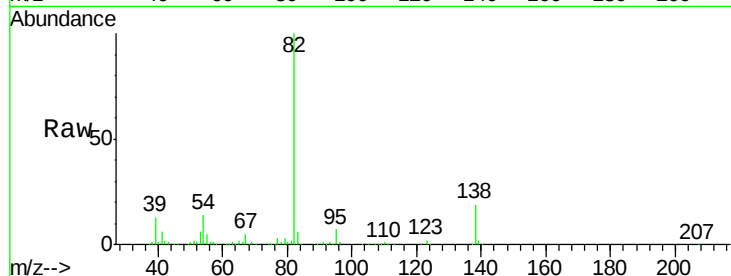
ClientSampleId :

PB91249BS

Tot Ion:	82	Resp:	601175
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.4	8.2
138	19.2	14.6	21.8

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#26

2-Nitrophenol

Concen: 43.69 ng

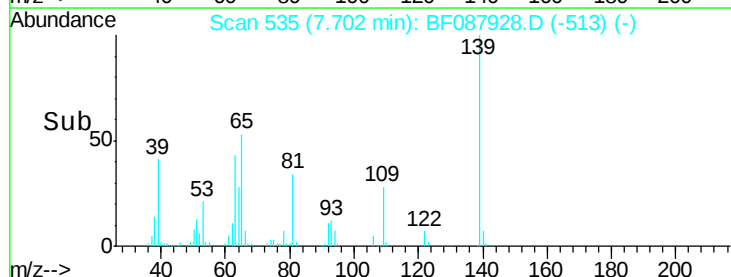
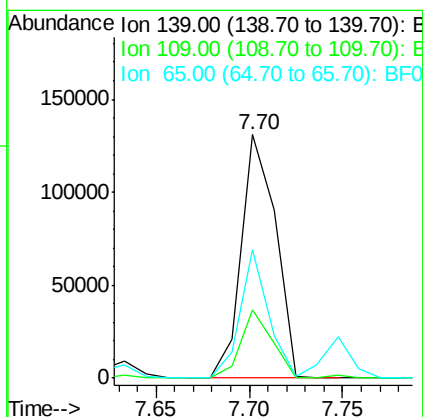
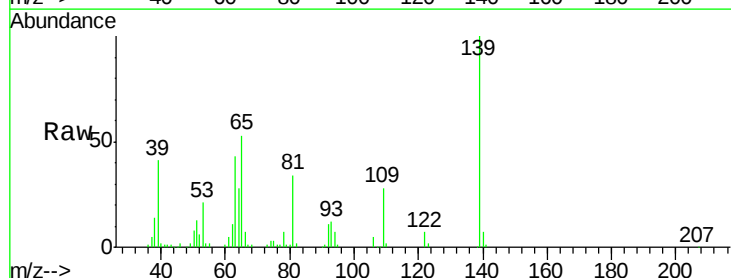
RT: 7.70 min Scan# 535

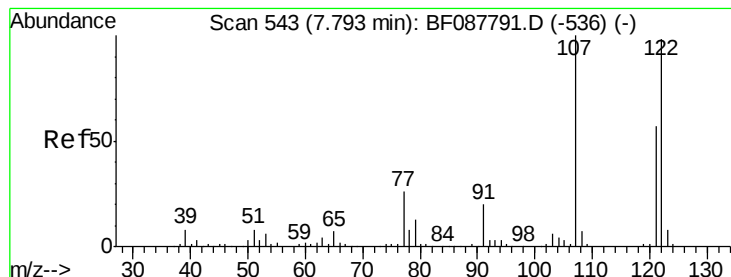
Delta R.T. -0.05 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Tgt Ion:	139	Resp:	166589
Ion Ratio		Lower	Upper
139	100		
109	27.9	23.0	34.4
65	52.9	45.8	68.8





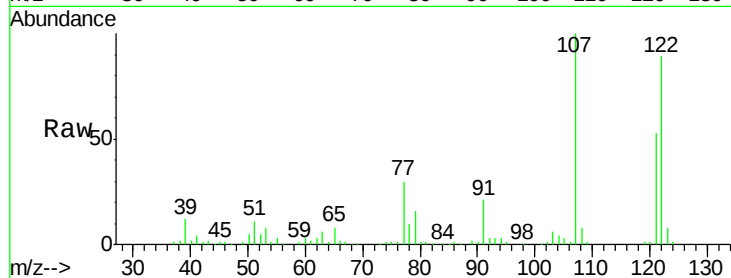
#27
2,4-Dimethylphenol
Concen: 43.02 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.05 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Instrument :
BNA_F
ClientSampleId :
PB91249BS

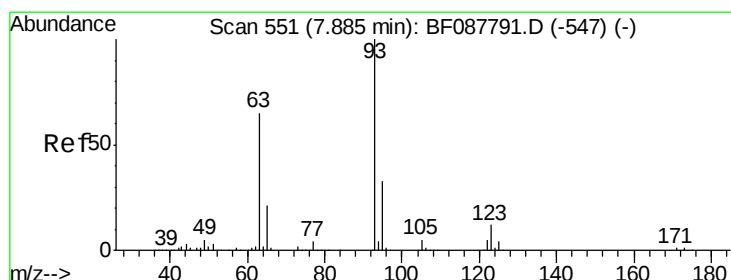
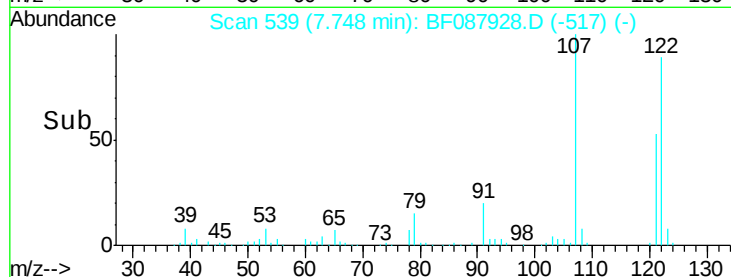
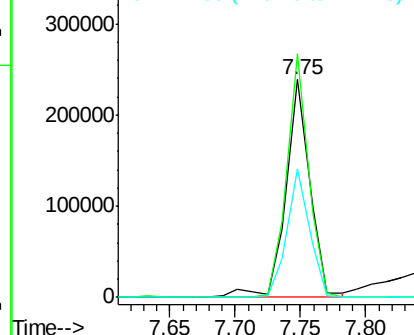
Tot Ion	Ratio	Resp	Lower	Upper
122	100	302029		
107	111.9	82.4	123.6	
121	58.9	46.3	69.5	

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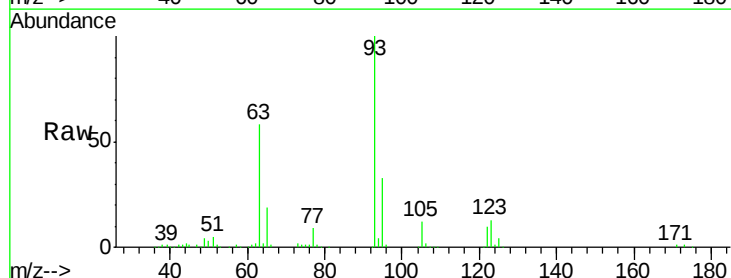


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

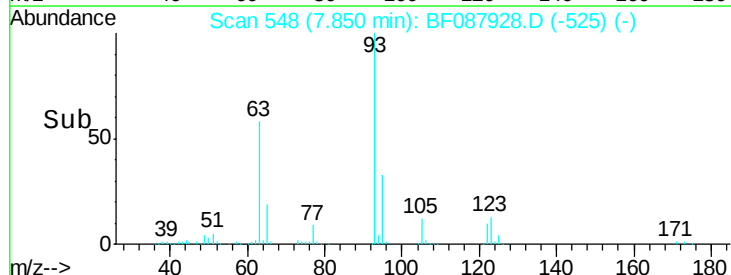
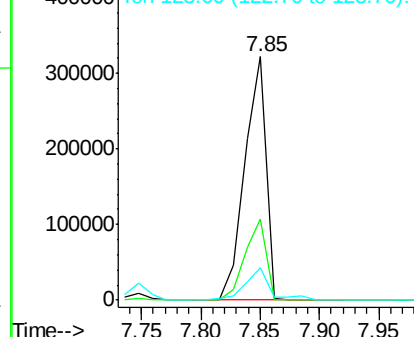


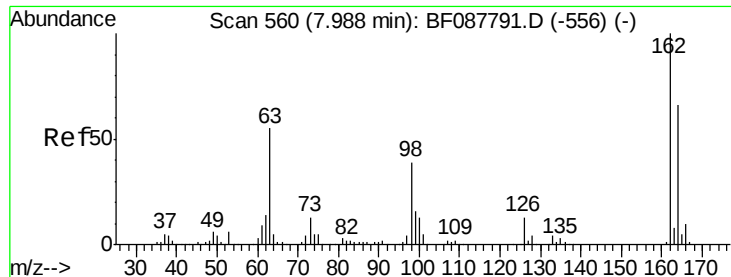
#28
bis(2-Chloroethoxy)methane
Concen: 47.59 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	401746		
95	33.3	26.5	39.7	
123	13.1	11.6	17.4	



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





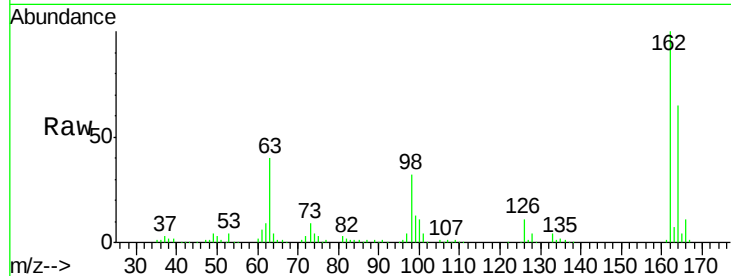
#29
 2,4-Dichlorophenol
 Concen: 50.28 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Instrument :
 BNA_F
 ClientSampleId :
 PB91249BS

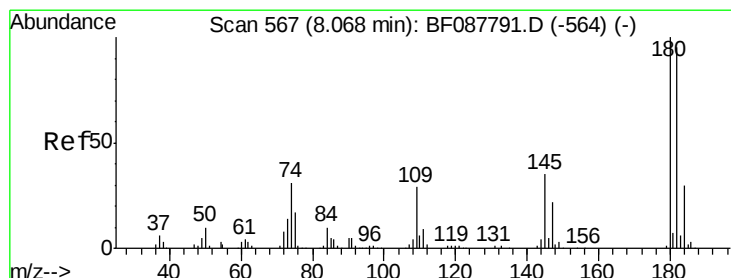
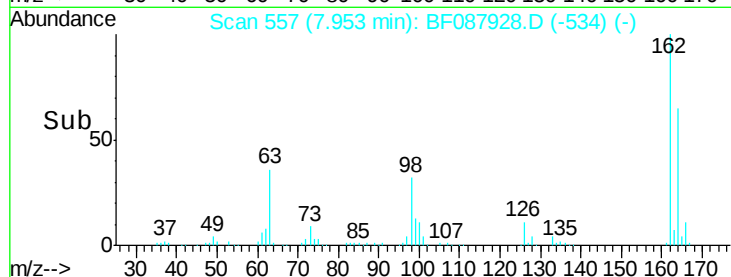
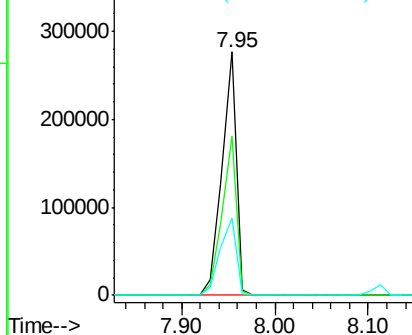
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.5	43.8	83.8
98	32.0	21.3	61.3

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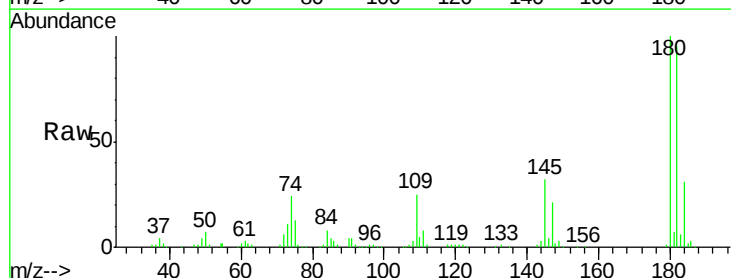


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

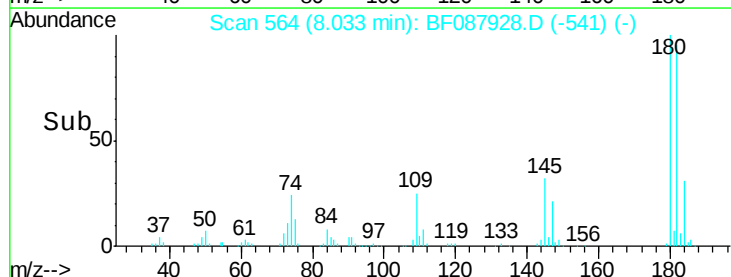
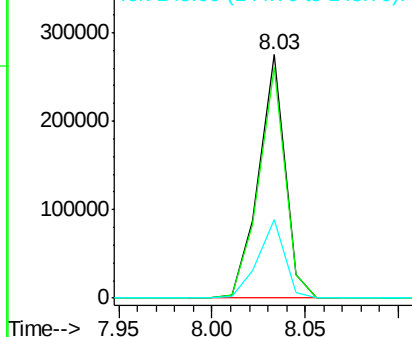


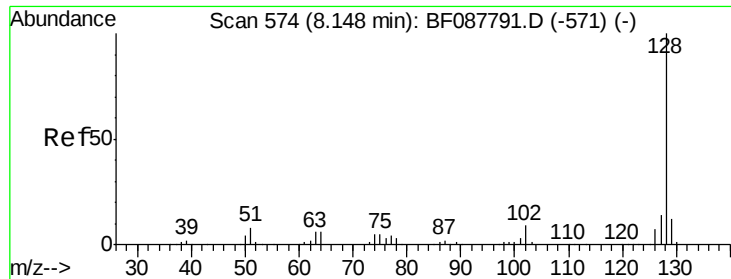
#30
 1,2,4-Trichlorobenzene
 Concen: 42.21 ng
 RT: 8.03 min Scan# 564
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.8	76.0	114.0
145	32.5	26.5	39.7



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





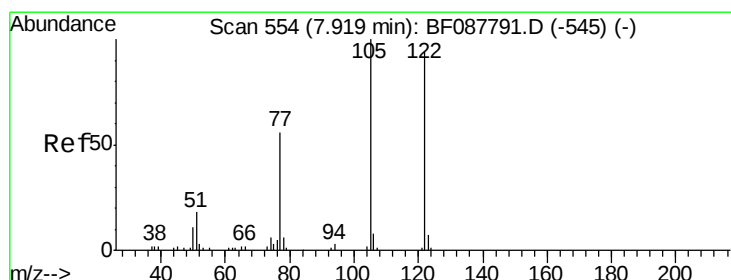
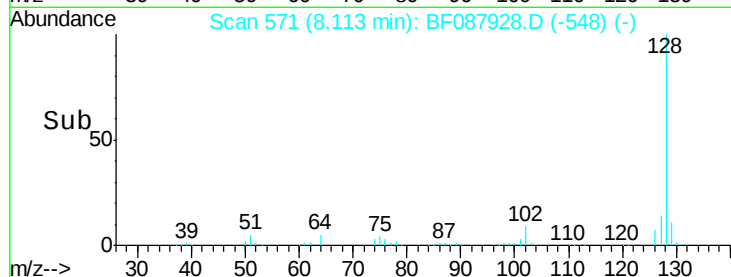
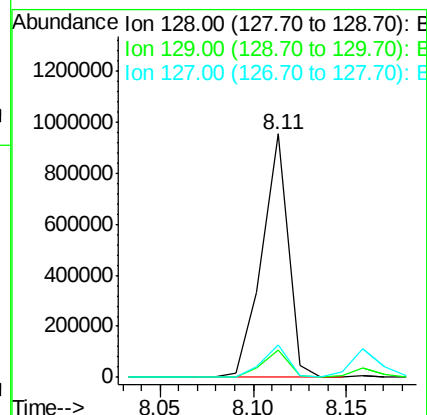
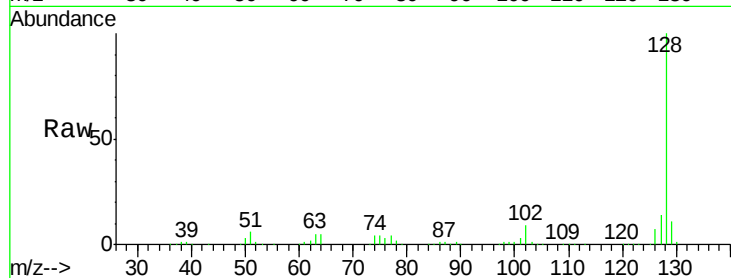
#31
Naphthalene
Concen: 43.68 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Instrument :
BNA_F
ClientSampleId :
PB91249BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	13.5	10.9	16.3

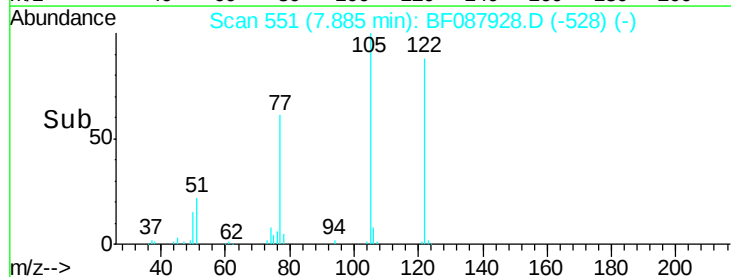
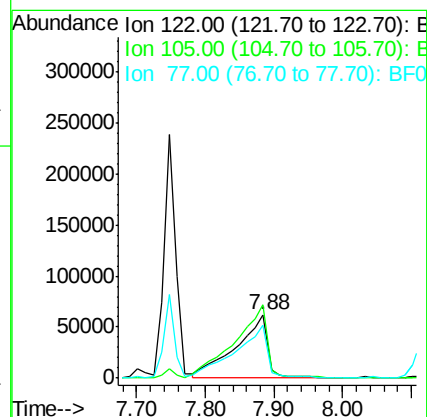
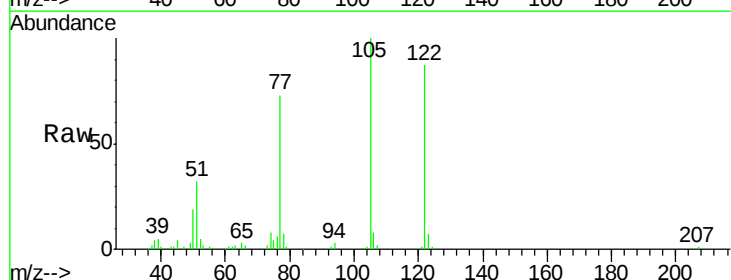
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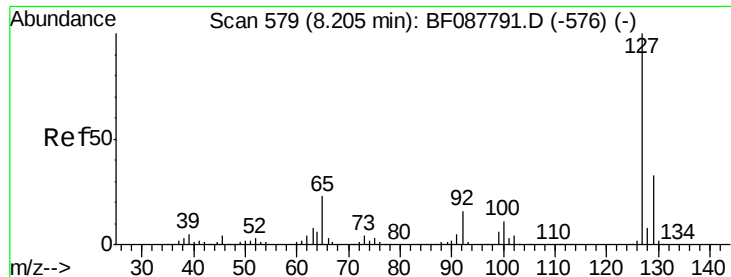
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#32
Benzoic acid
Concen: 51.24 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.0	101.6	141.6
77	83.5	70.6	110.6





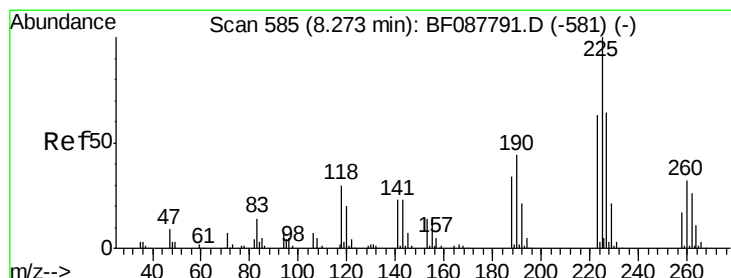
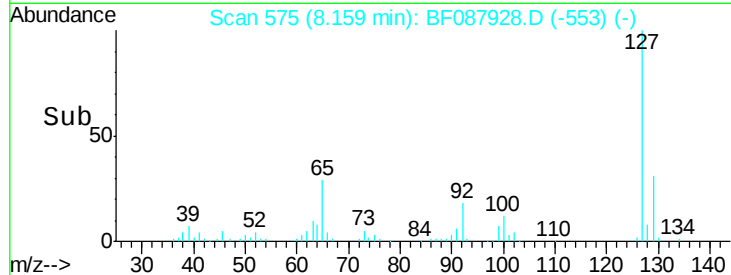
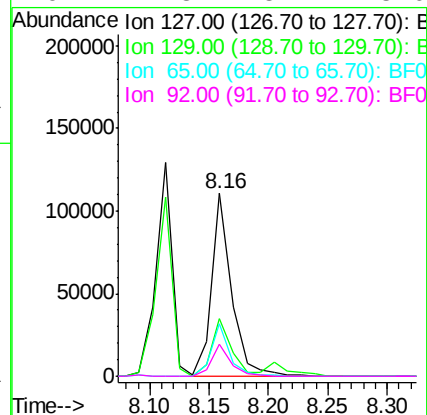
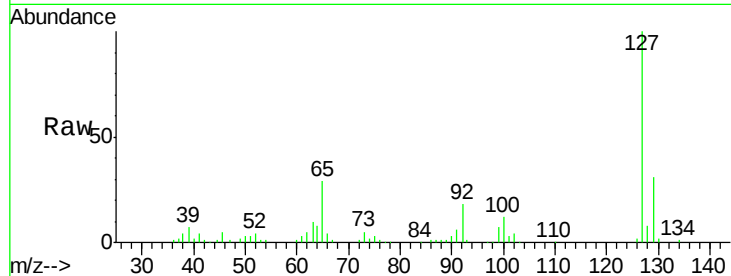
#33
4-Chloroaniline
Concen: 13.71 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.05 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Instrument :
BNA_F
ClientSampleId :
PB91249BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	26.3	39.5		
65	28.9	24.7	37.1		
92	17.8	15.4	23.0		

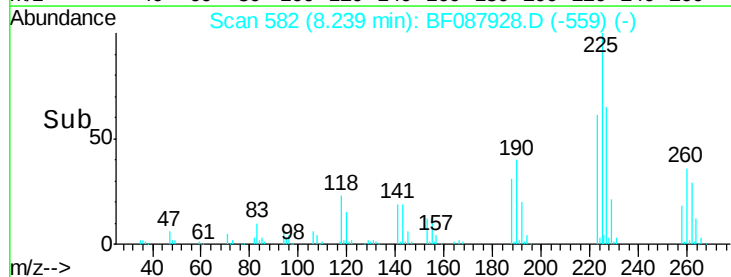
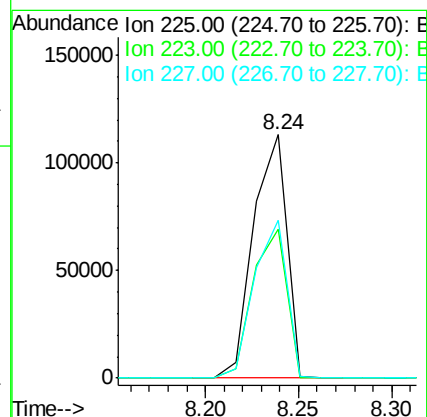
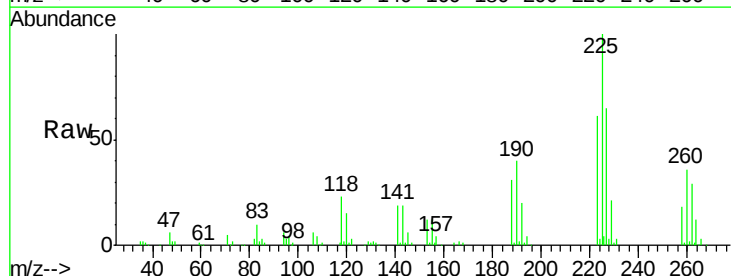
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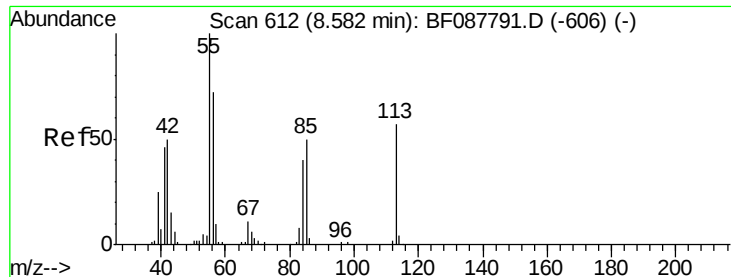
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#34
Hexachlorobutadiene
Concen: 41.47 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.0	50.9	76.3		
227	65.0	51.9	77.9		





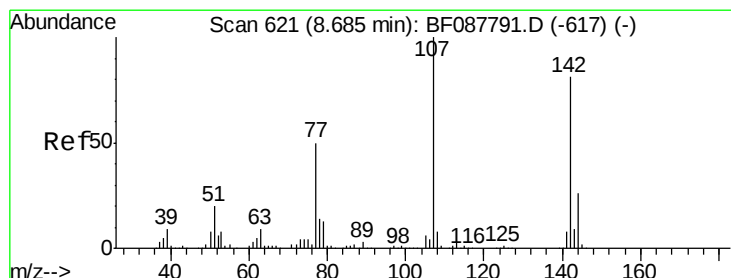
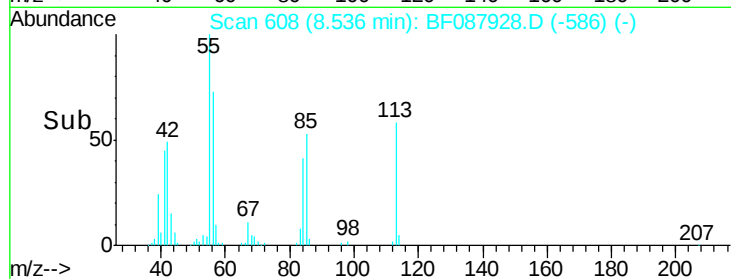
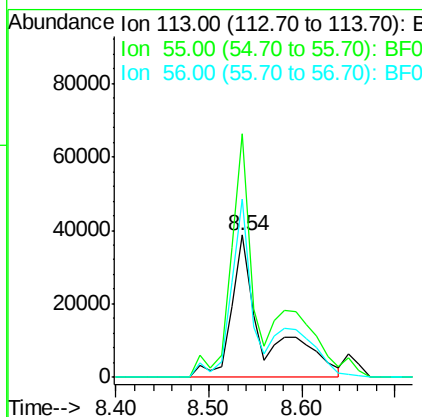
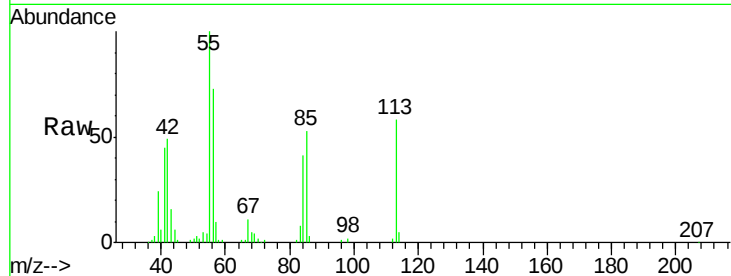
#35
 Caprolactam
 Concen: 49.77 ng/ml
 RT: 8.54 min Scan# 608
 Delta R.T. -0.05 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Instrument :
 BNA_F
 ClientSampleId :
 PB91249BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	171.0	158.6	198.6
56	125.4	110.6	150.6

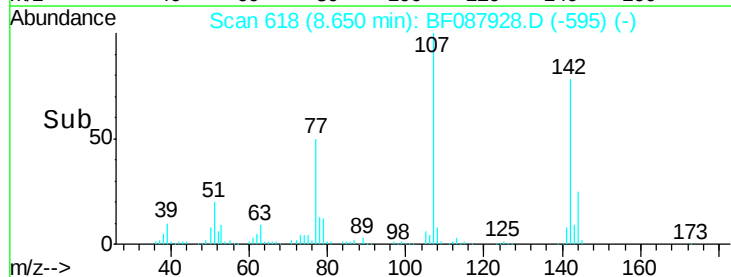
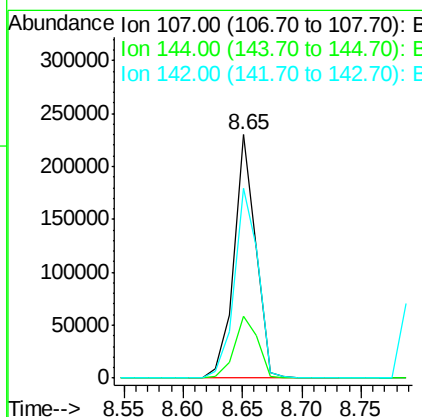
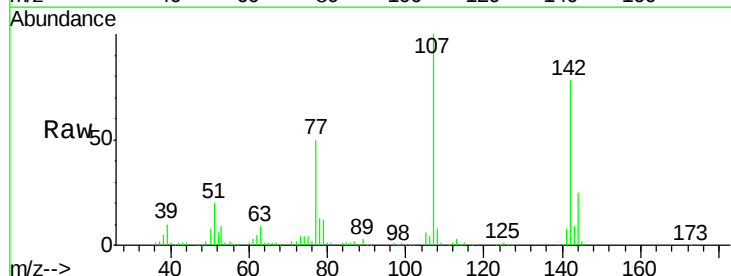
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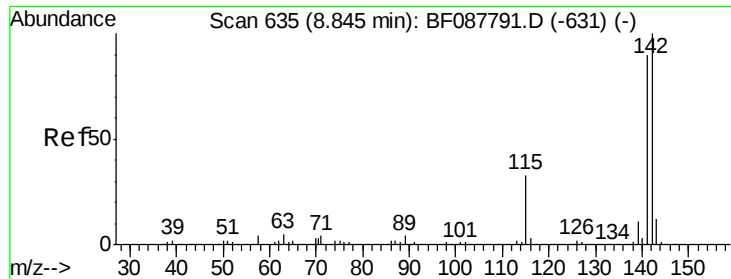
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#36
 4-Chloro-3-methylphenol
 Concen: 47.05 ng/ml
 RT: 8.65 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.8	31.2
142	78.2	63.4	95.2





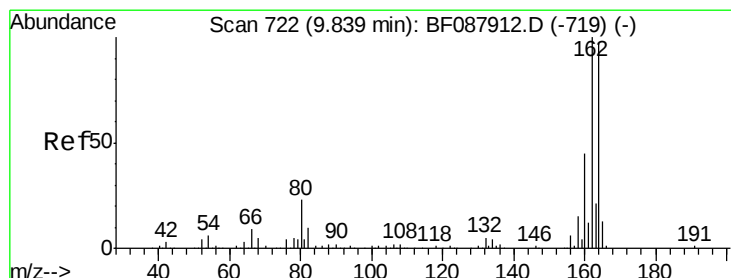
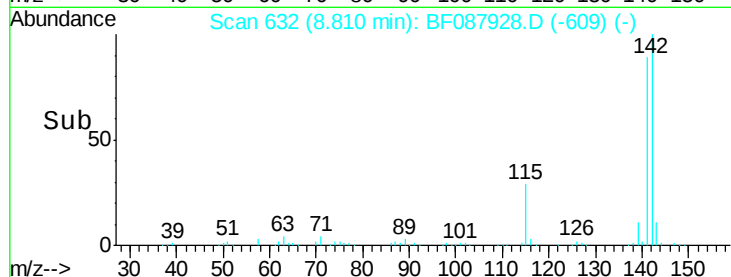
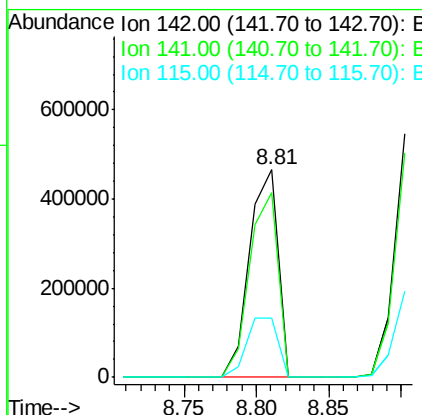
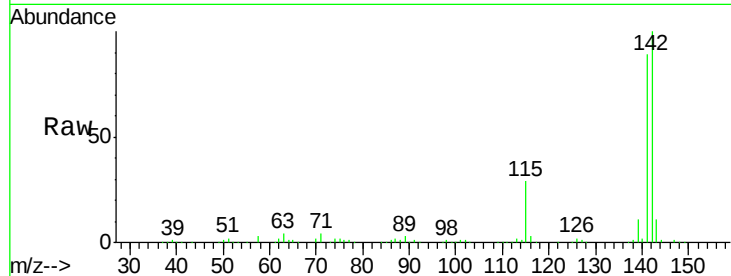
#37
2-Methylnaphthalene
Concen: 45.40 ng
RT: 8.81 min Scan# 632
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Instrument :
BNA_F
ClientSampleId :
PB91249BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	28.9	22.6	33.8

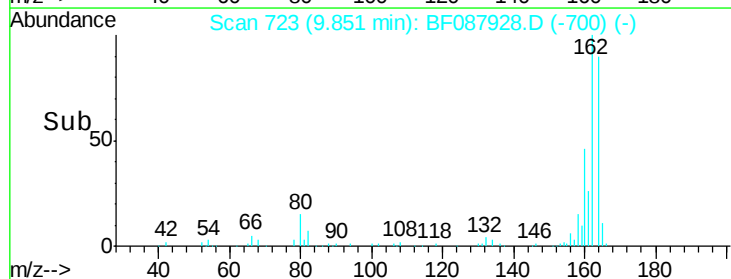
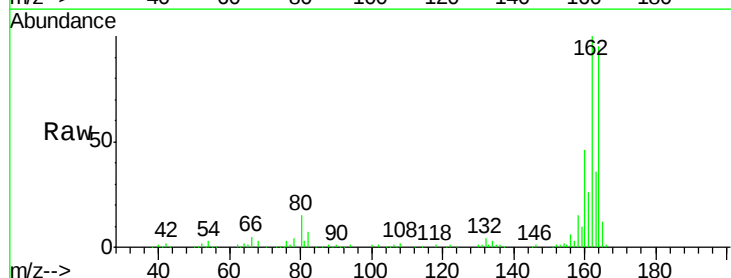
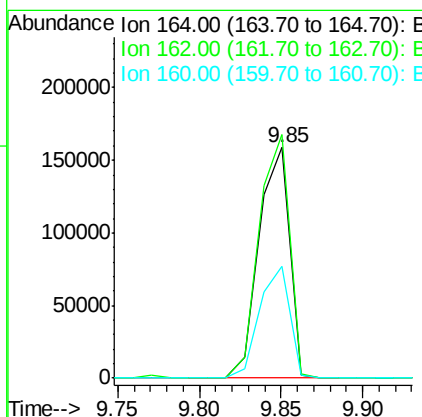
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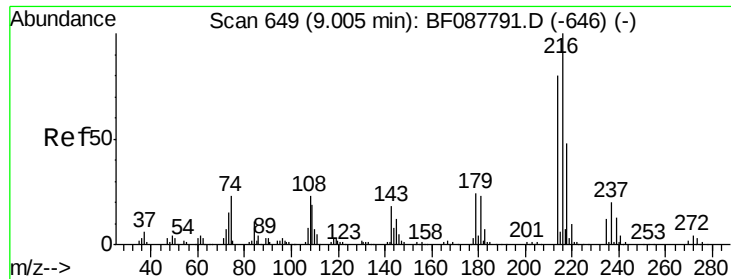
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	85.4	128.2
160	48.4	39.5	59.3





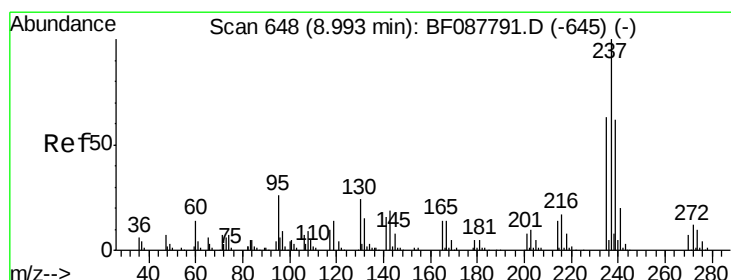
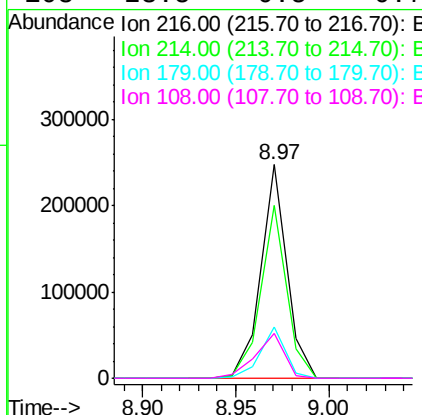
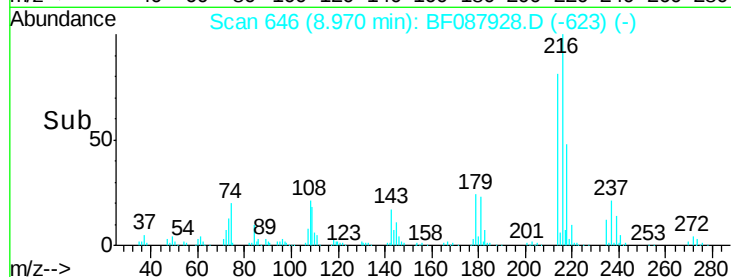
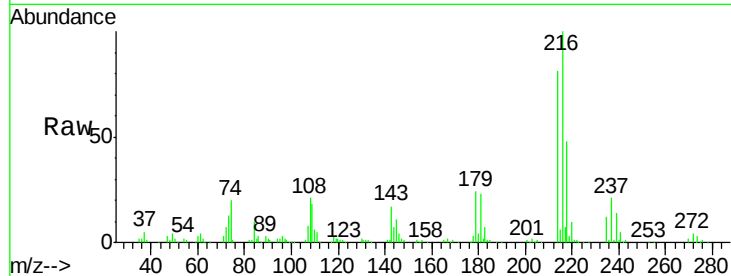
#39
1,2,4,5-Tetrachlorobenzene
Concen: 44.00 ng
RT: 8.97 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Instrument :
BNA_F
ClientSampleId :
PB91249BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	80.1	2.9	4.3#		
179	22.9	0.0	0.0#		
108	23.5	0.5	0.7#		

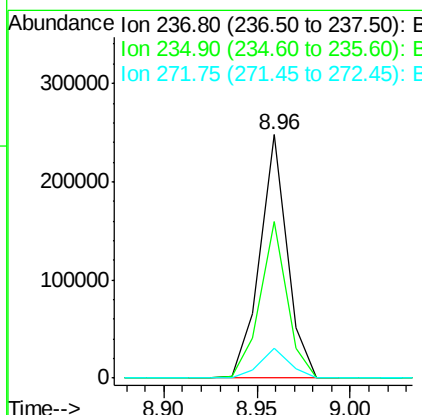
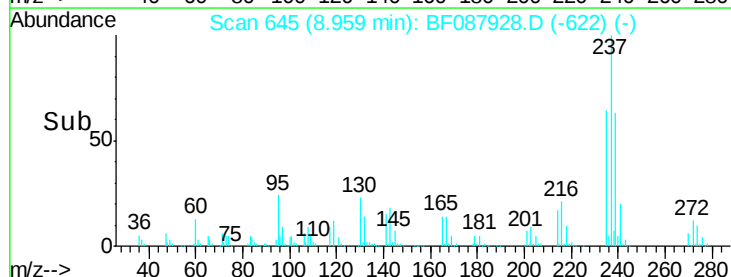
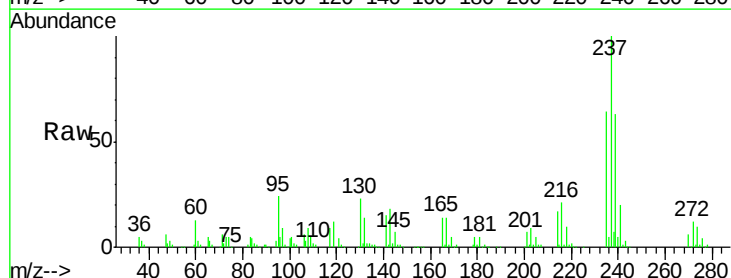
Manual Integrations
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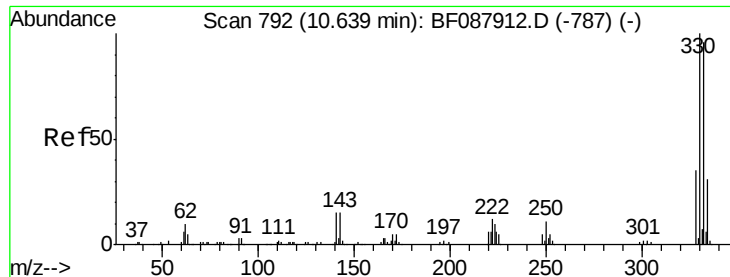
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#40
Hexachlorocyclopentadiene
Concen: 75.27 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	64.1	43.4	83.4		
272	12.5	0.0	32.3		





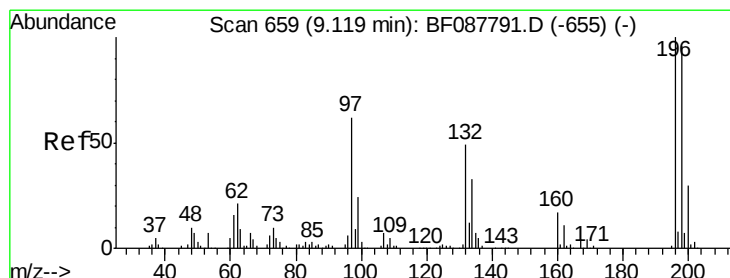
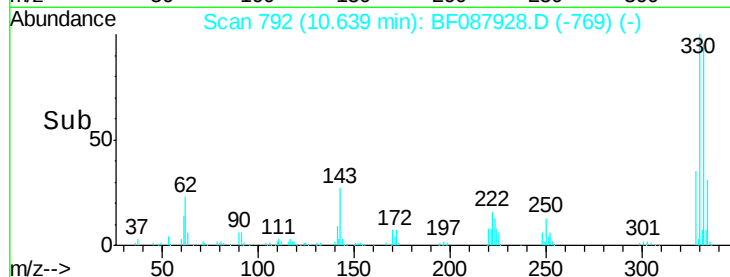
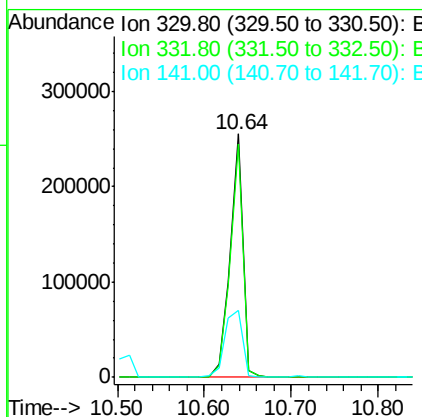
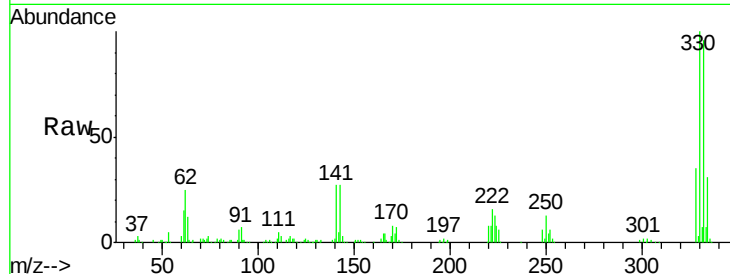
#41
 2,4,6-Tribromophenol
 Concen: 120.21 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Instrument :
 BNA_F
 ClientSampleId :
 PB91249BS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	38.0	0.0	0.0#

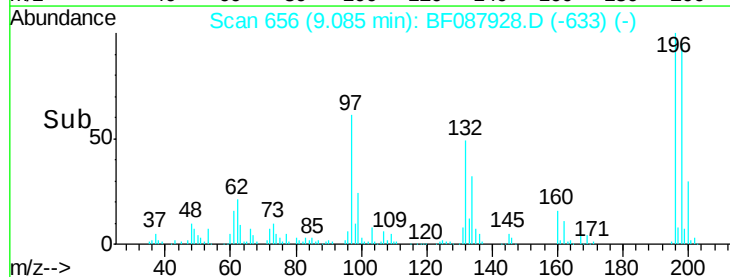
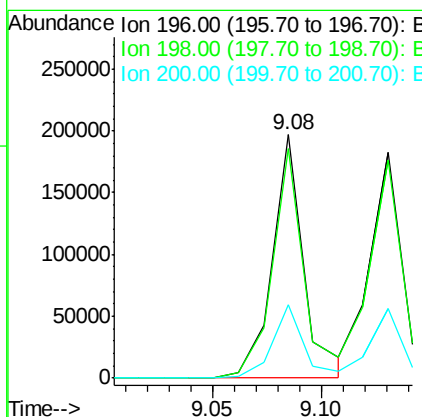
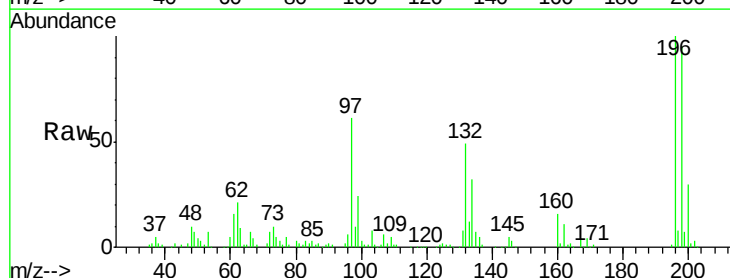
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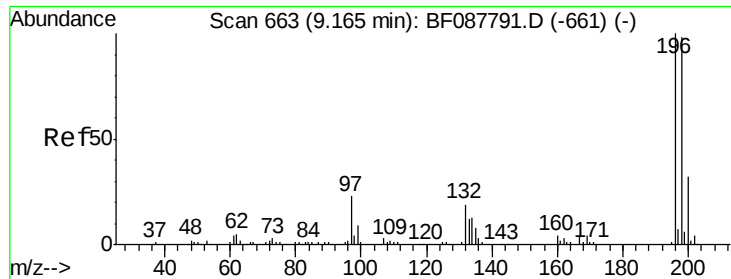
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#42
 2,4,6-Trichlorophenol
 Concen: 48.18 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	94.5	78.0	117.0
200	30.1	25.4	38.2





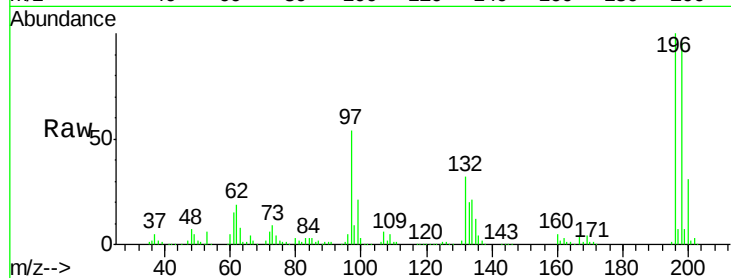
#43
 2,4,5-Trichlorophenol
 Concen: 43.81 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Instrument :
 BNA_F
 ClientSampleId :
 PB91249BS

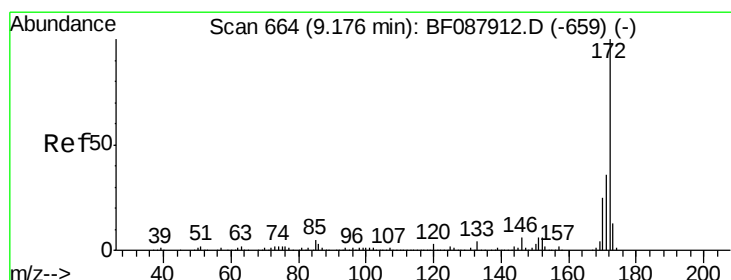
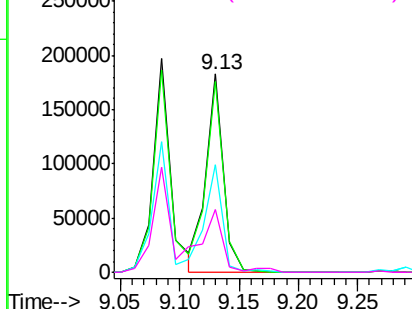
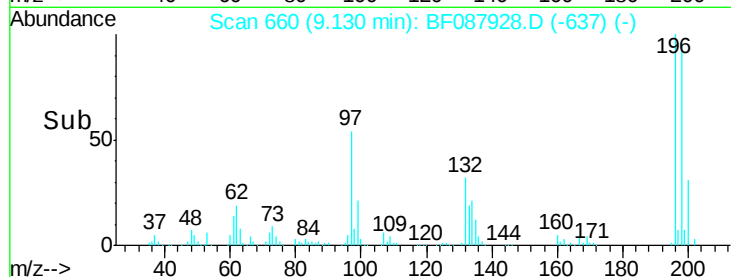
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		188758		
198	96.4	77.5	116.3		
97	54.3	32.0	48.0#		
132	31.9	20.9	31.3#		

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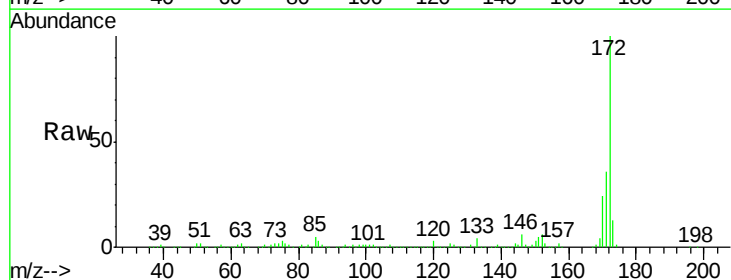


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

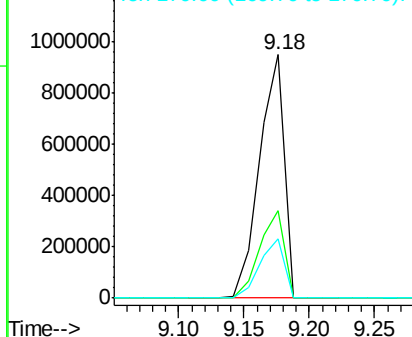
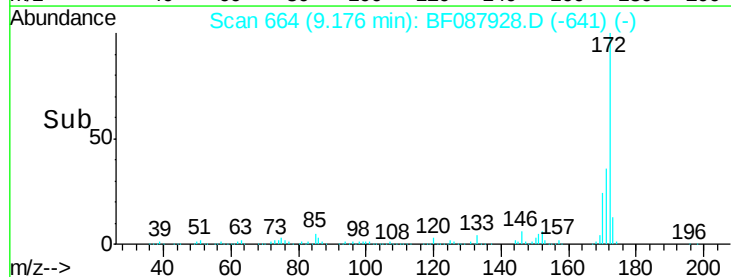


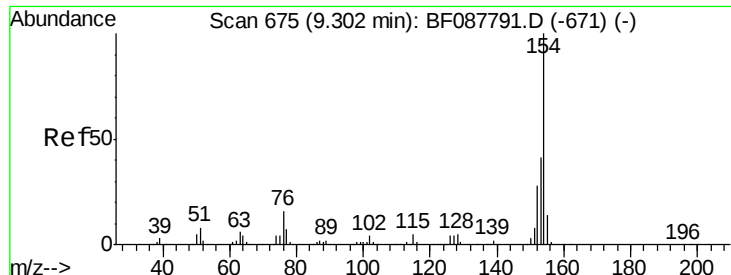
#44
 2-Fluorobiphenyl
 Concen: 95.92 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1254985		
171	35.7	28.6	43.0		
170	24.2	19.2	28.8		



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





#45

1,1'-Biphenyl

Concen: 44.80 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

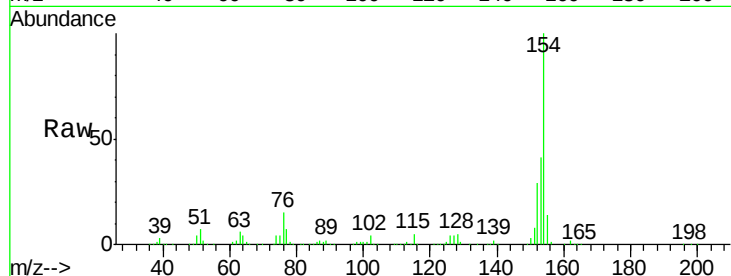
ClientSampleId :

PB91249BS

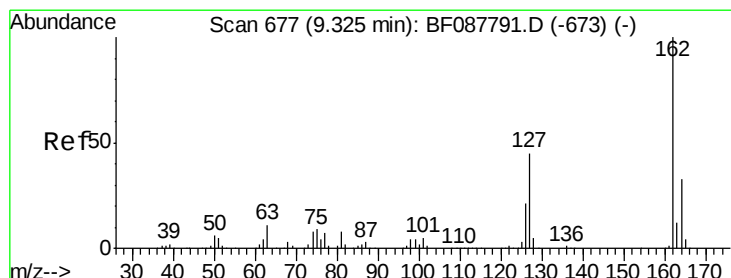
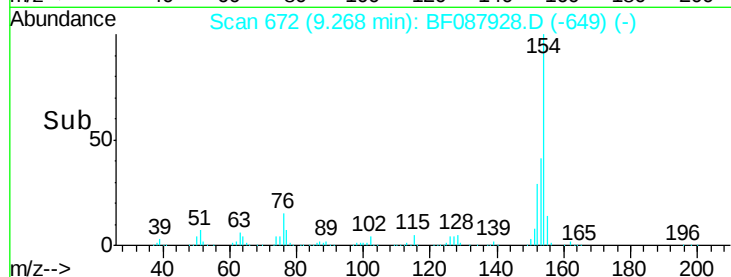
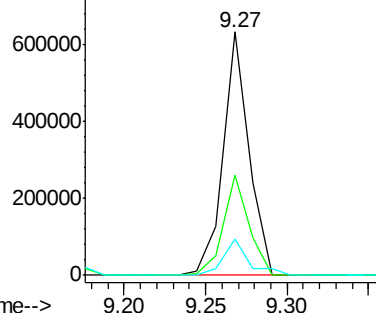
Tot Ion:	154	Resp:	696715
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.6	60.6
76	14.9	0.0	35.1

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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: 42.15 ng

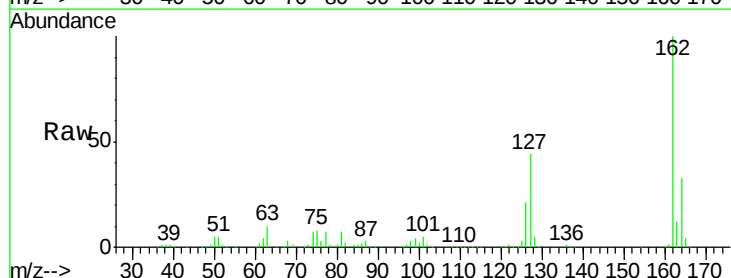
RT: 9.29 min Scan# 674

Delta R.T. -0.03 min

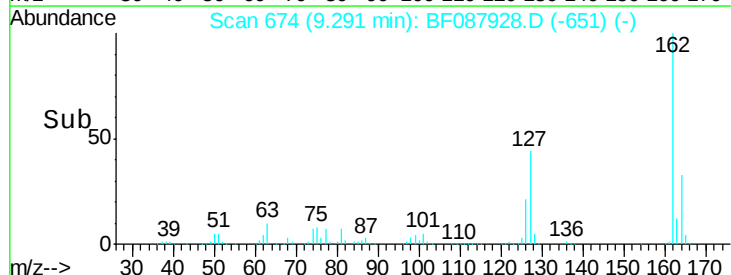
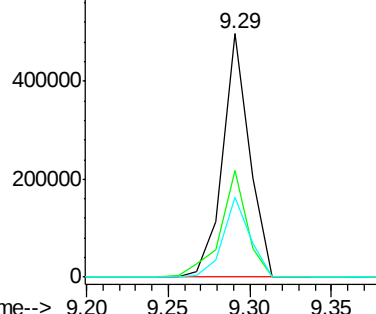
Lab File: BF087928.D

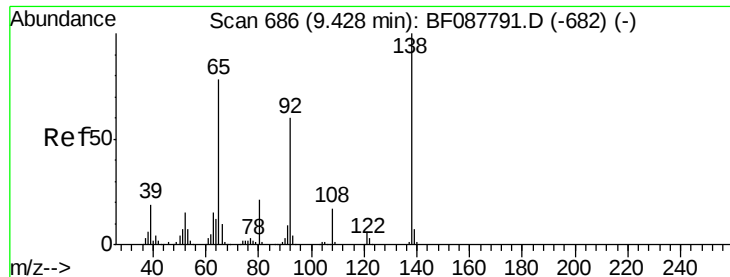
Acq: 12 Jun 2016 4:52

Tgt Ion:	162	Resp:	564764
Ion Ratio	Lower	Upper	
162	100		
127	43.6	35.2	52.8
164	32.7	26.6	39.8



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: 50.80 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

ClientSampleId :

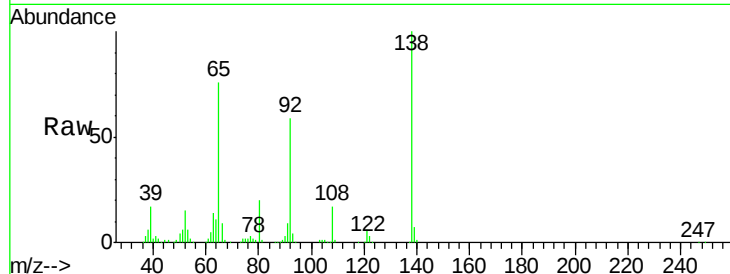
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Tot Ion: 65 Resp: 200798

Ion	Ratio	Lower	Upper
65	100		
92	78.0	54.6	82.0
138	132.4	77.0	115.4

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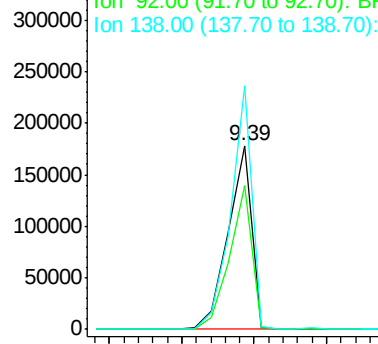


Abundance

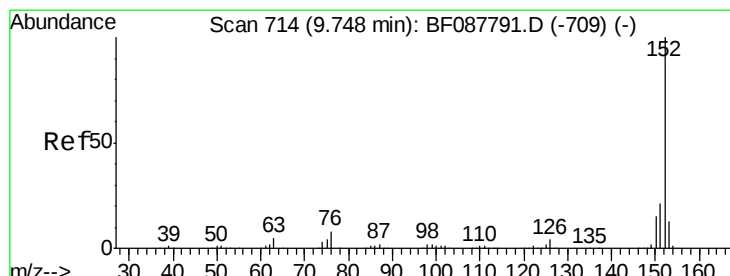
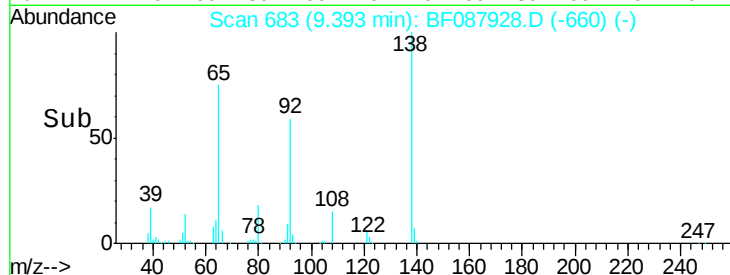
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



Time-->



#48

Acenaphthylene

Concen: 46.60 ng

RT: 9.71 min Scan# 711

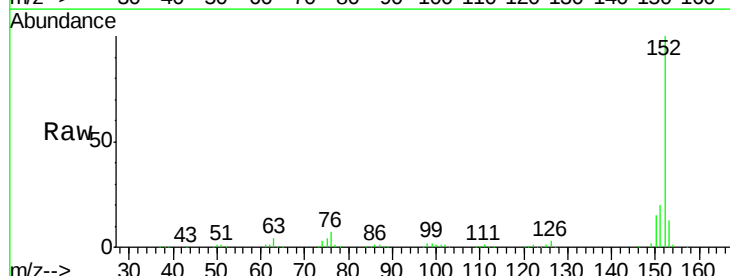
Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Tgt Ion: 152 Resp: 993197

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.1	11.0	16.6

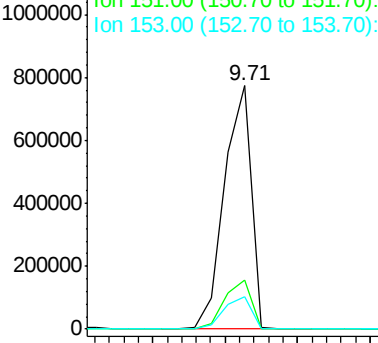


Abundance

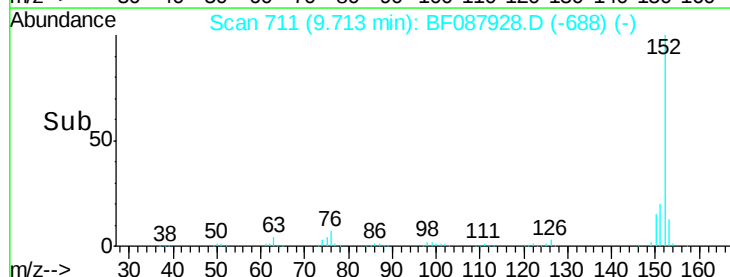
Ion 152.00 (151.70 to 152.70): E

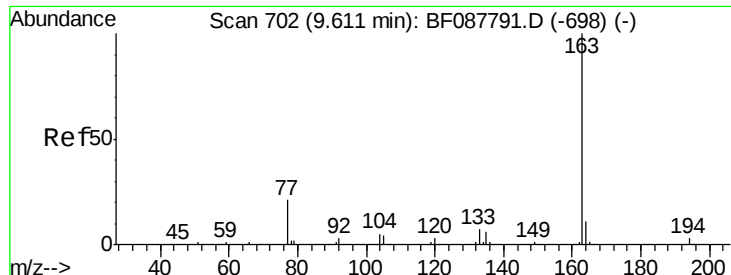
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->





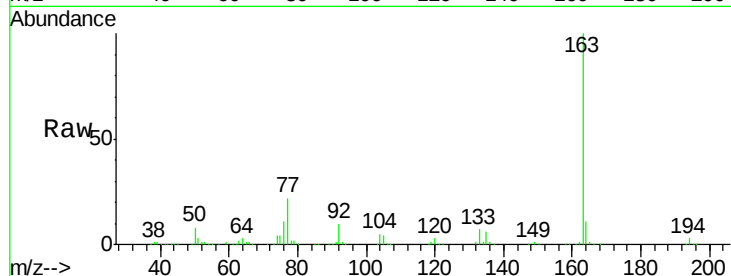
#49
Dimethylphthalate
Concen: 43.91 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Instrument :
BNA_F
ClientSampleId :
PB91249BS

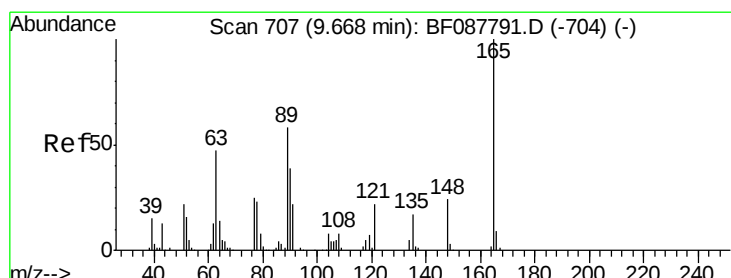
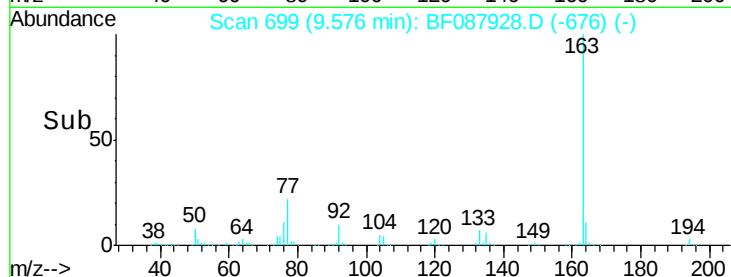
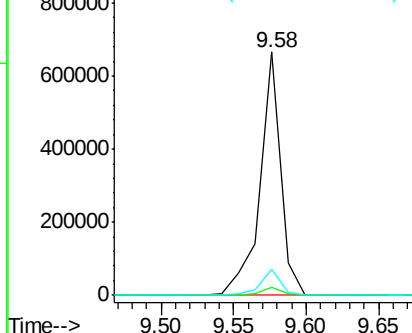
Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.8	4.2
164	10.7	8.3	12.5

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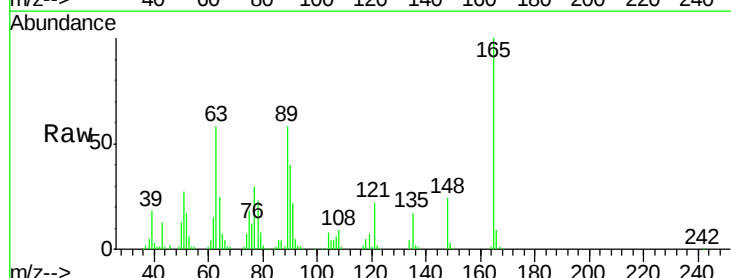


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

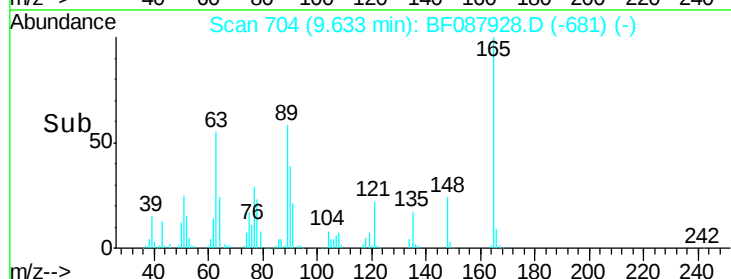
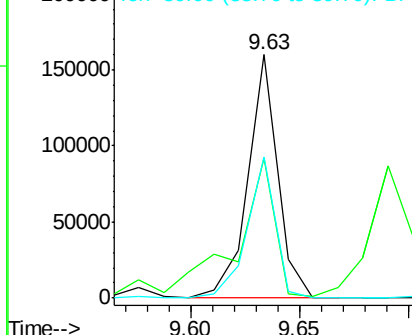


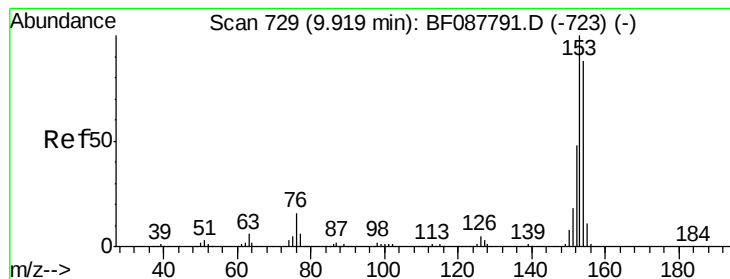
#50
2,6-Dinitrotoluene
Concen: 44.19 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	57.6	28.1	42.1#
89	57.9	32.2	48.2#



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





#51

Acenaphthene

Concen: 49.40 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

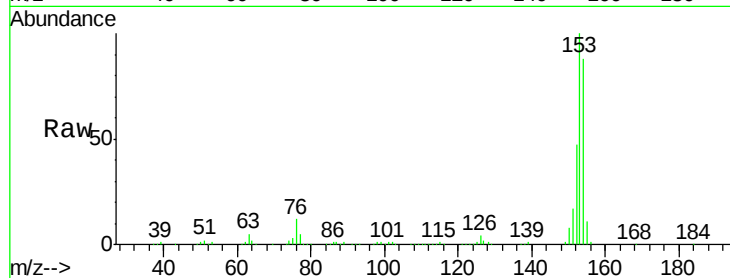
ClientSampleId :

PB91249BS

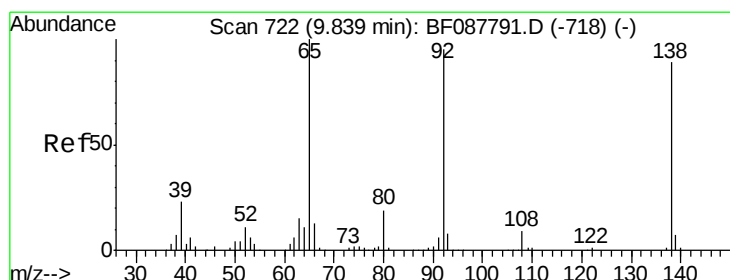
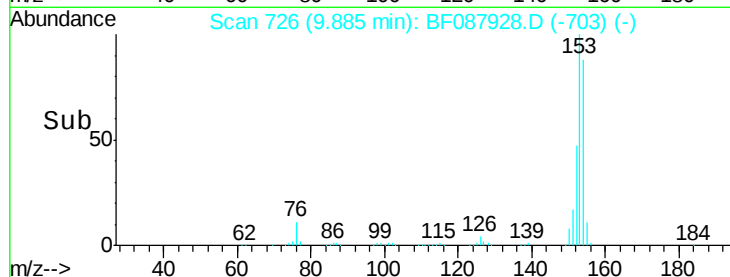
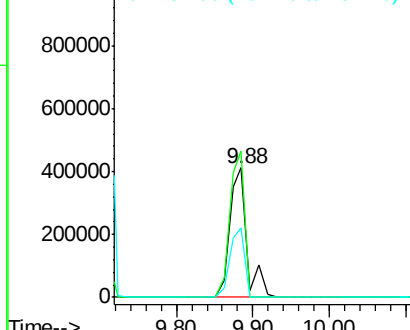
Tot Ion:	154	Resp:	656869
Ion Ratio	Lower	Upper	
154	100		
153	113.0	89.5	134.3
152	53.5	42.7	64.1

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



#52

3-Nitroaniline

Concen: 21.05 ng

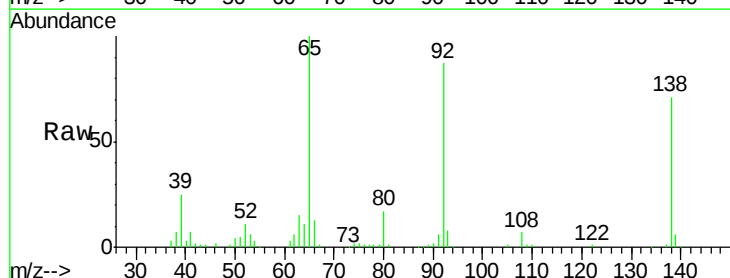
RT: 9.79 min Scan# 718

Delta R.T. -0.05 min

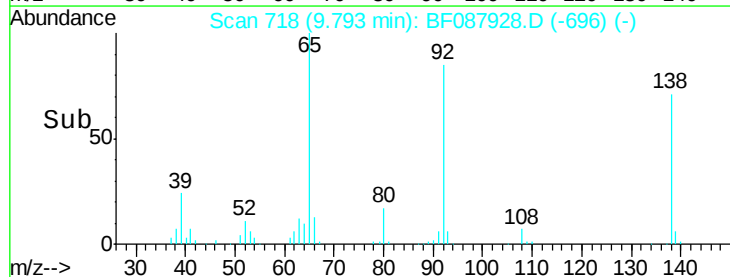
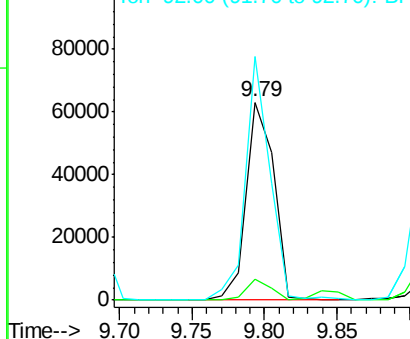
Lab File: BF087928.D

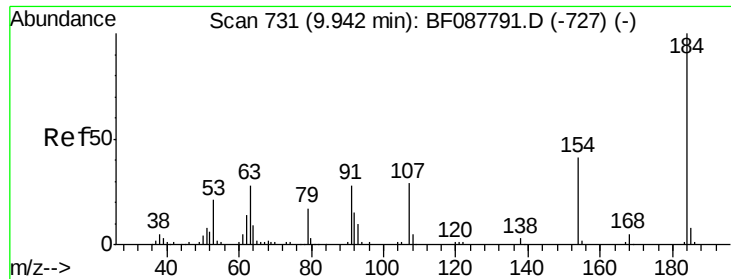
Acq: 12 Jun 2016 4:52

Tgt Ion:	138	Resp:	83422
Ion Ratio	Lower	Upper	
138	100		
108	10.5	8.5	12.7
92	122.9	95.7	143.5



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





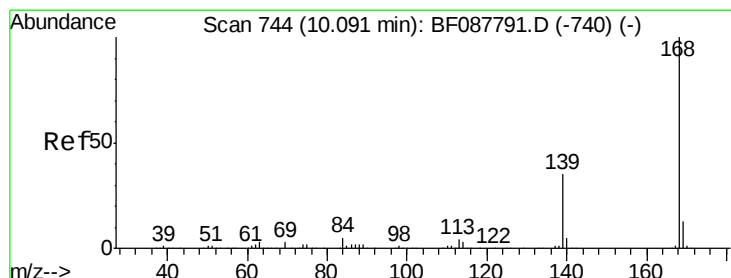
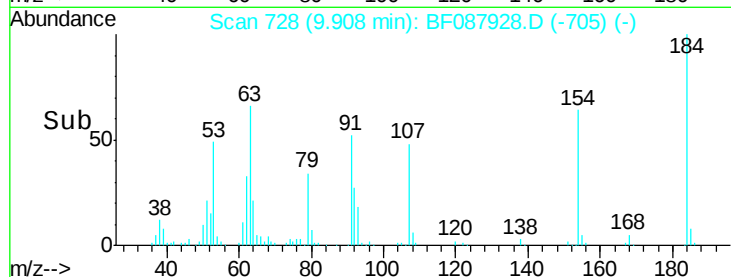
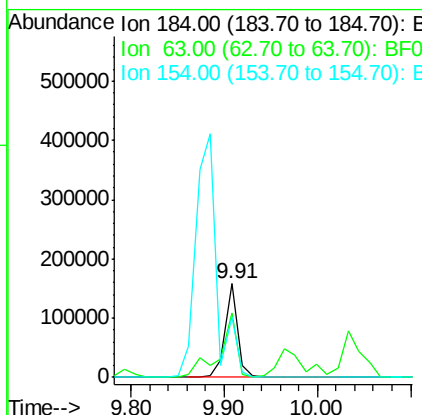
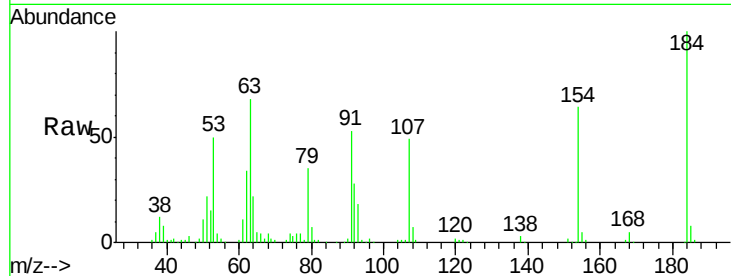
#53
 2,4-Dinitrophenol
 Concen: 79.20 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Instrument :
 BNA_F
 ClientSampleId :
 PB91249BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	148741		
63	68.4	57.6	86.4	
154	64.4	53.5	80.3	

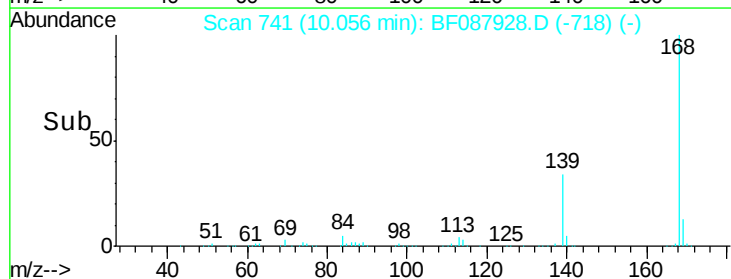
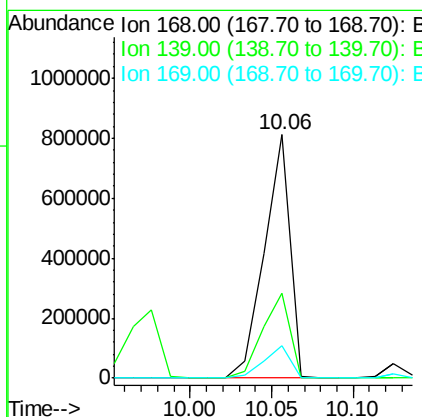
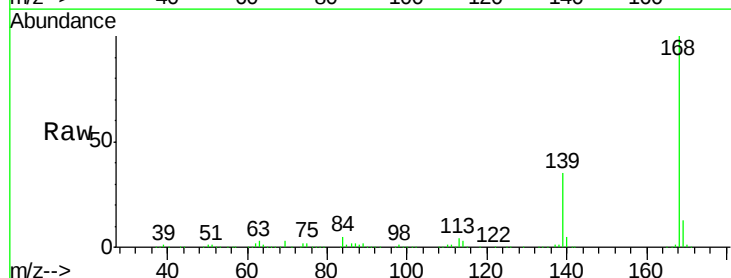
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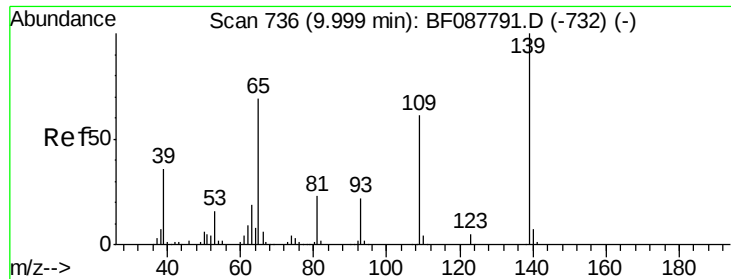
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#54
 Dibenzofuran
 Concen: 48.45 ng
 RT: 10.06 min Scan# 741
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	887148		
139	34.8	26.4	39.6	
169	13.3	10.4	15.6	





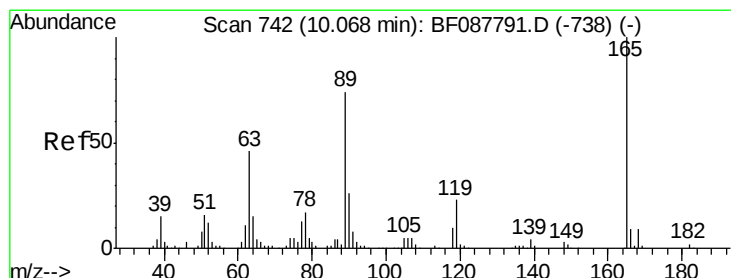
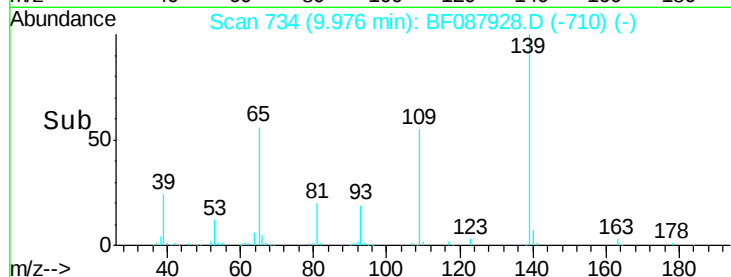
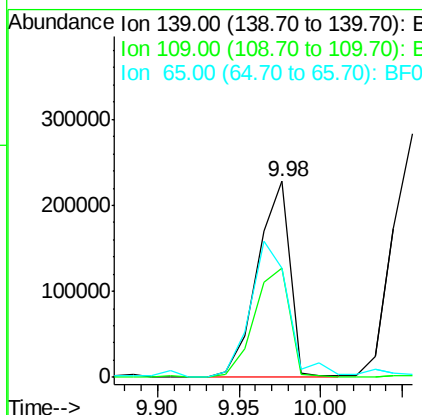
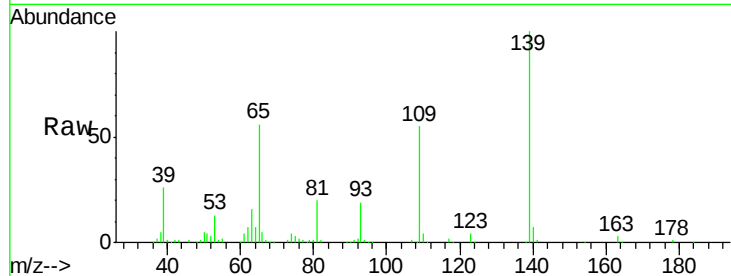
#55
4-Nitrophenol
Concen: 102.92 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Instrument :
BNA_F
ClientSampleId :
PB91249BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	316657		
109	55.4	48.9	88.9	
65	55.7	84.9	124.9	

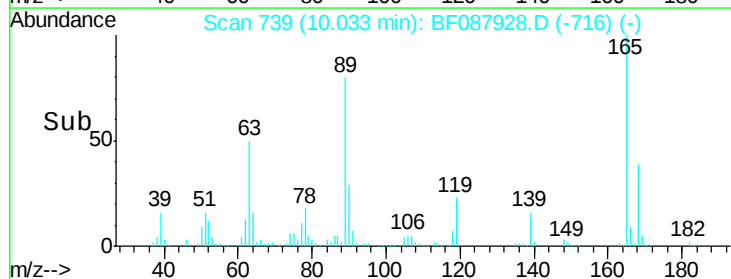
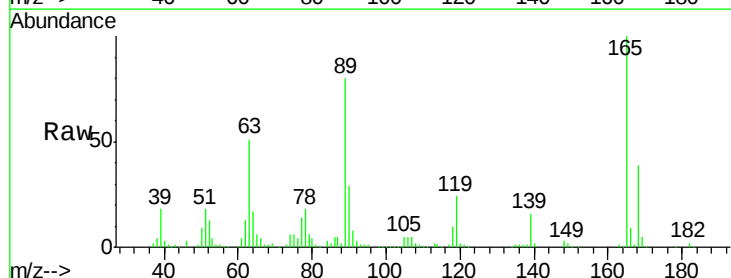
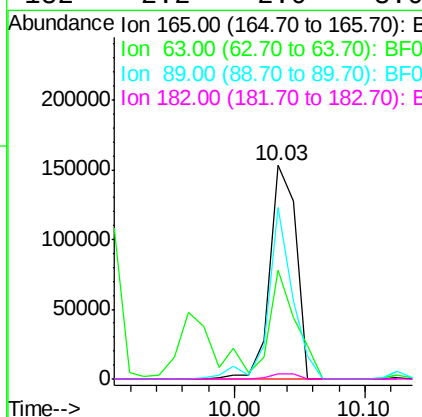
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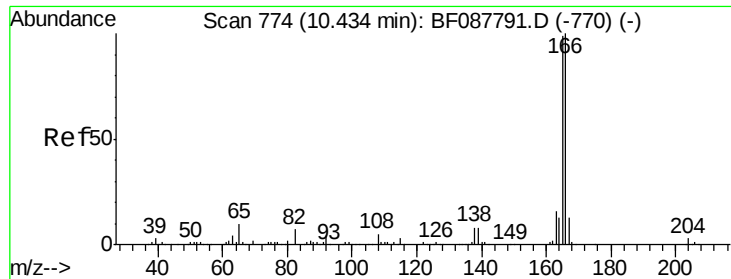
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#56
2,4-Dinitrotoluene
Concen: 48.79 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	215377		
63	51.1	22.0	33.0	
89	80.3	41.1	61.7	
182	2.2	2.0	3.0	





#57

Fluorene

Concen: 50.18 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

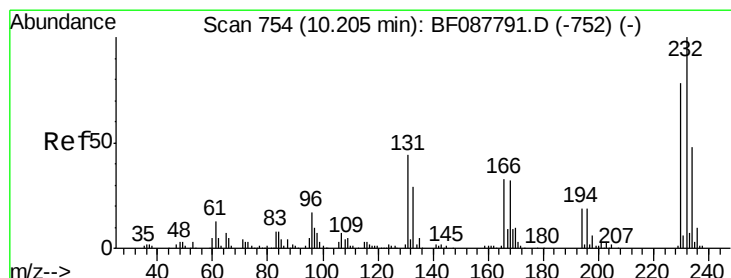
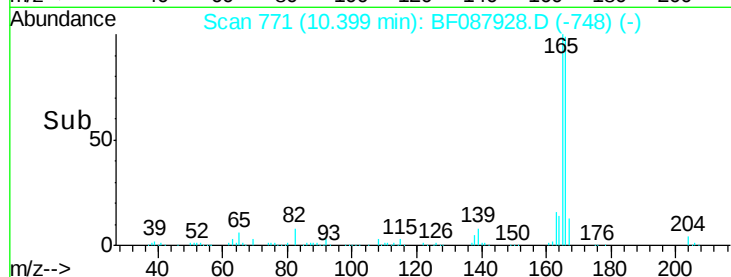
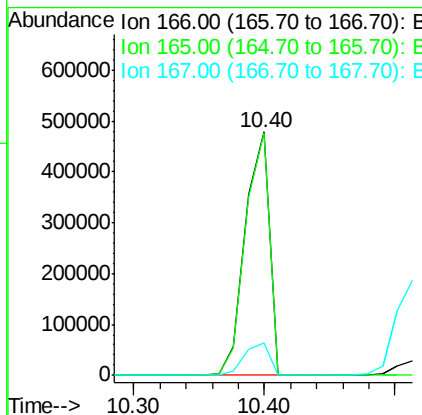
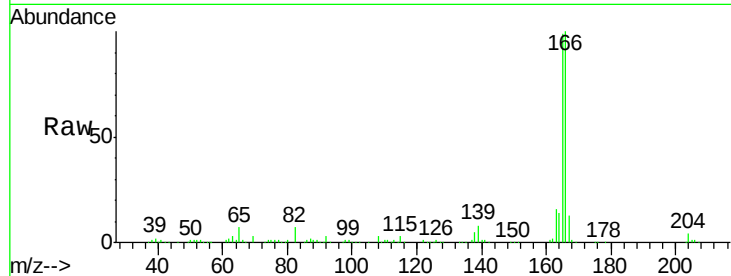
ClientSampleId :

PB91249BS

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Tot Ion:	166	Resp:	614065
Ion Ratio		Lower	Upper
166	100		
165	99.3	77.8	116.8
167	13.2	11.2	16.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.81 ng

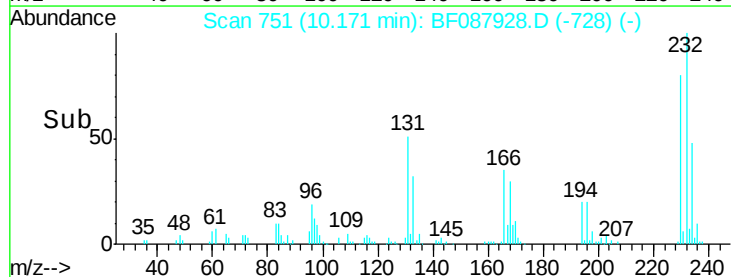
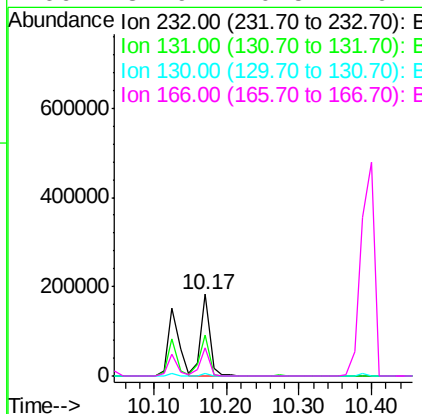
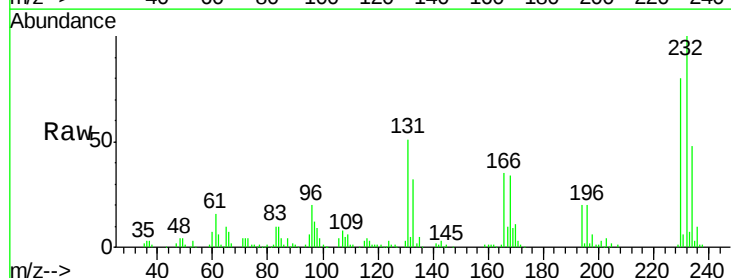
RT: 10.17 min Scan# 751

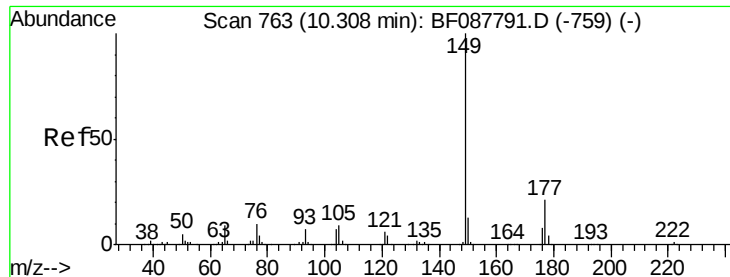
Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Tgt Ion:	232	Resp:	165240
Ion Ratio		Lower	Upper
232	100		
131	52.4	0.9	1.3#
130	2.5	1.5	2.3#
166	34.9	0.5	0.7#





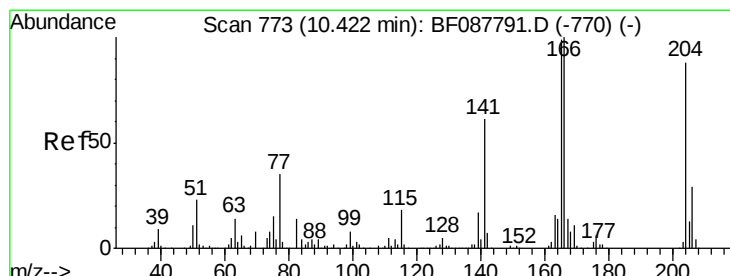
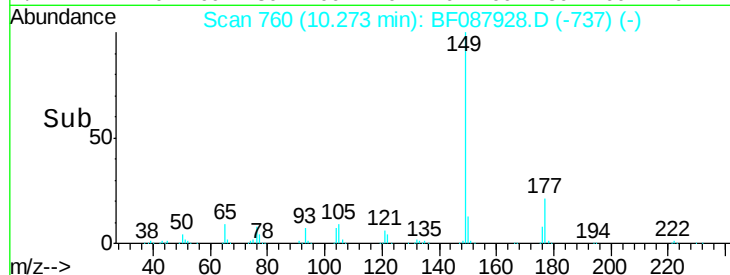
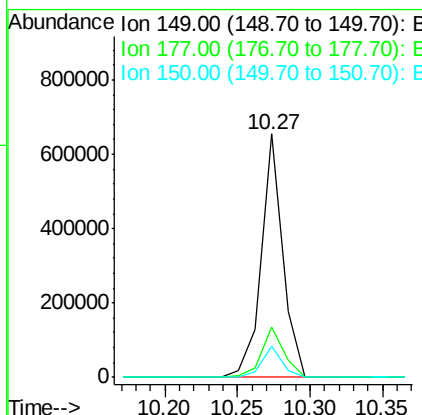
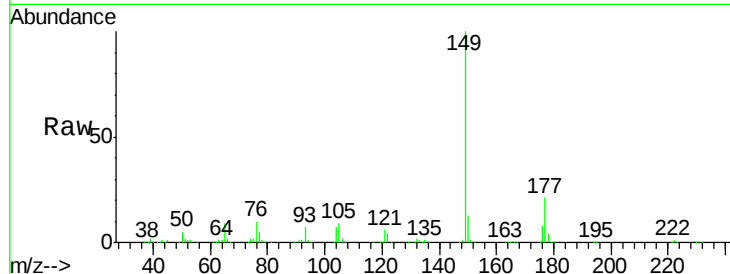
#59
Diethylphthalate
Concen: 44.27 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Instrument :
BNA_F
ClientSampleId :
PB91249BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	672118		
177	20.7	16.9	25.3	
150	13.0	10.1	15.1	

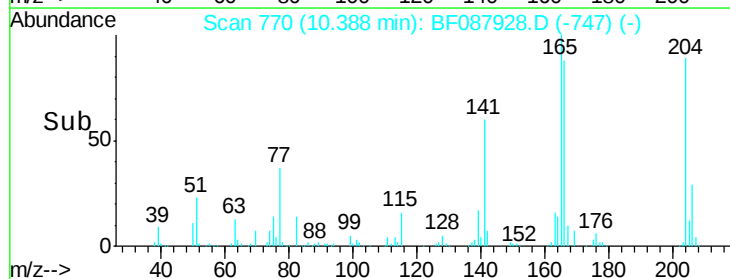
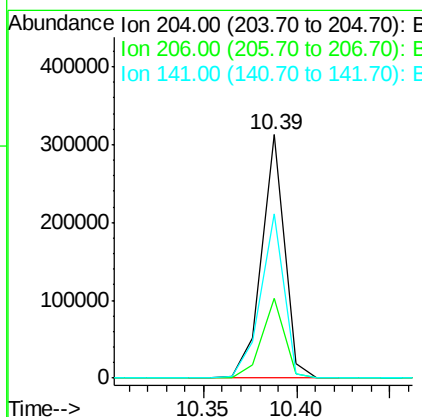
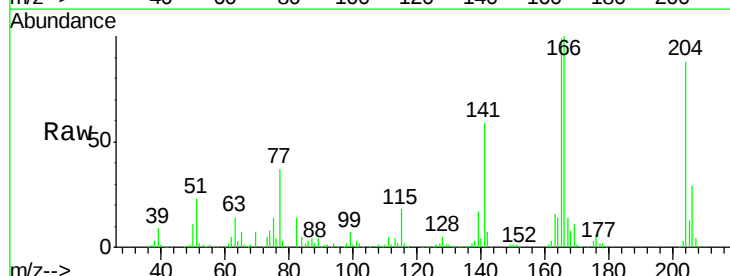
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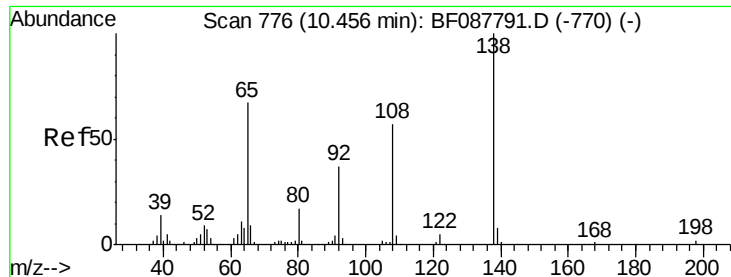
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#60
4-Chlorophenyl-phenylether
Concen: 43.35 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	263962		
206	32.8	26.3	39.5	
141	67.6	55.0	82.6	





#61

4-Nitroaniline

Concen: 50.92 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

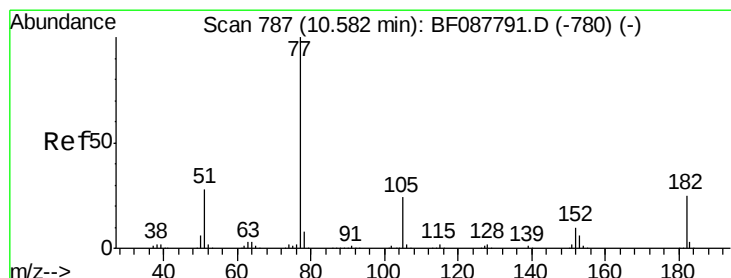
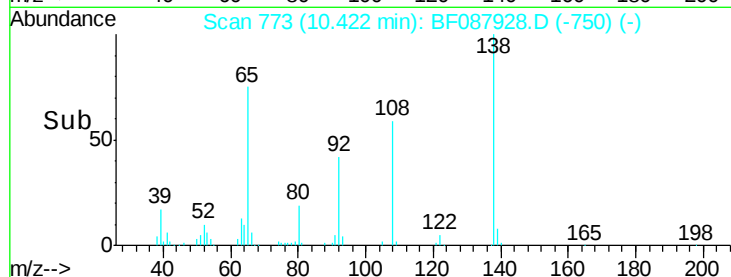
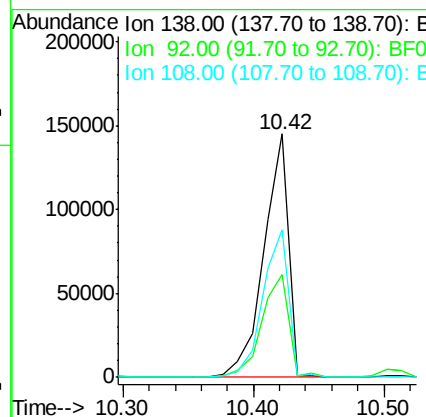
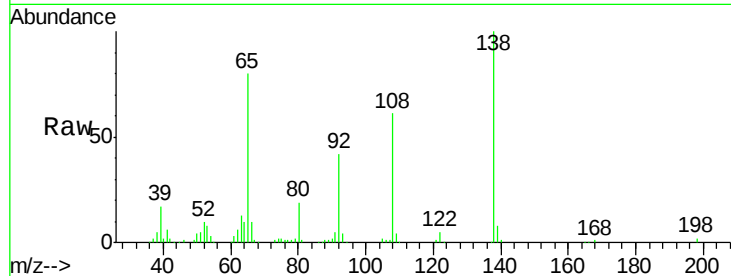
ClientSampleId :

PB91249BS

Tot Ion:	138	Resp:	191446
Ion Ratio	Lower	Upper	
138	100		
92	42.1	27.3	67.3
108	60.8	46.7	86.7

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#62

Azobenzene

Concen: 48.16 ng

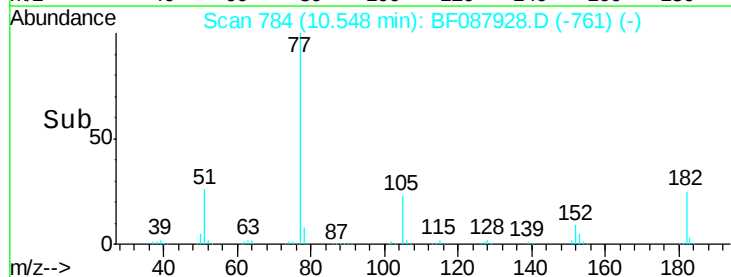
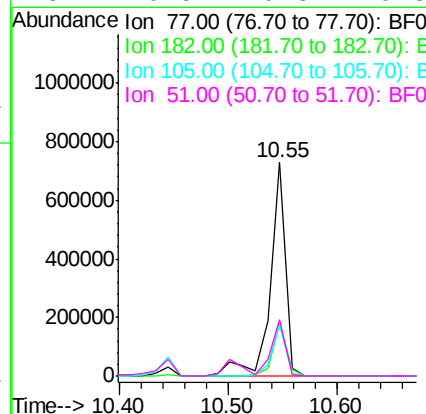
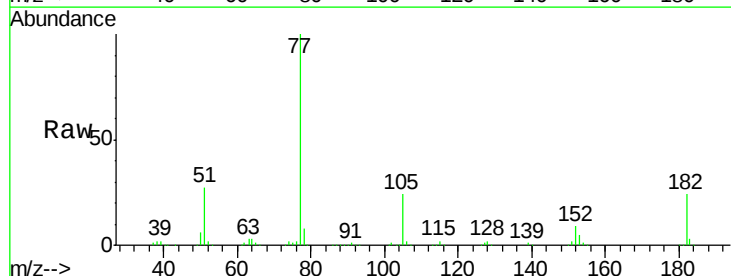
RT: 10.55 min Scan# 784

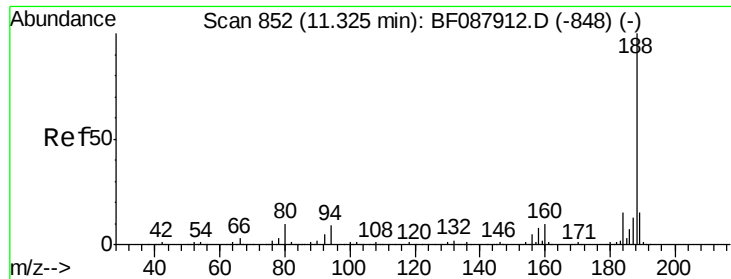
Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Tgt Ion:	77	Resp:	723069
Ion Ratio	Lower	Upper	
77	100		
182	24.4	4.4	44.4
105	24.2	3.8	43.8
51	26.5	9.3	49.3





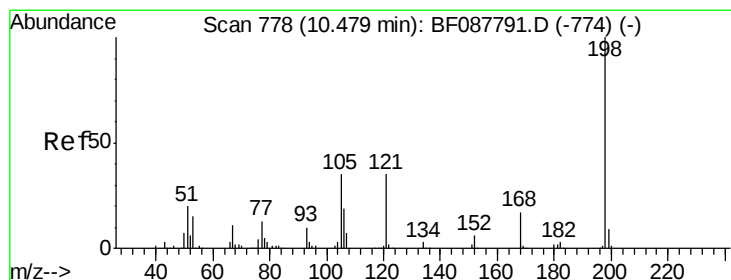
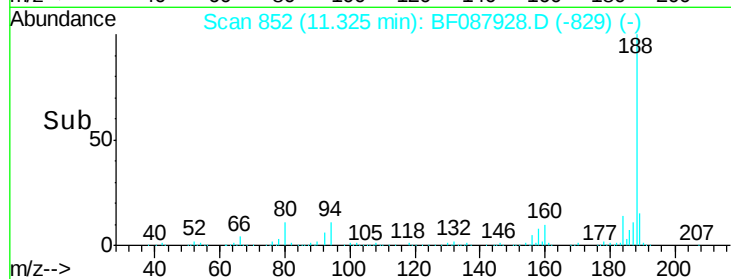
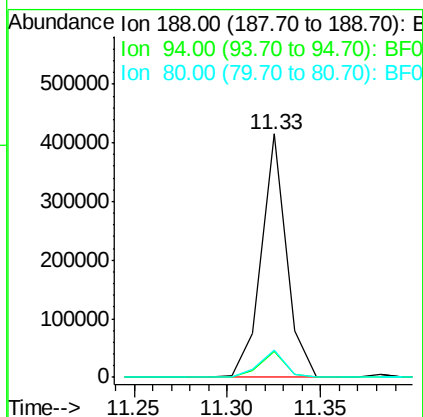
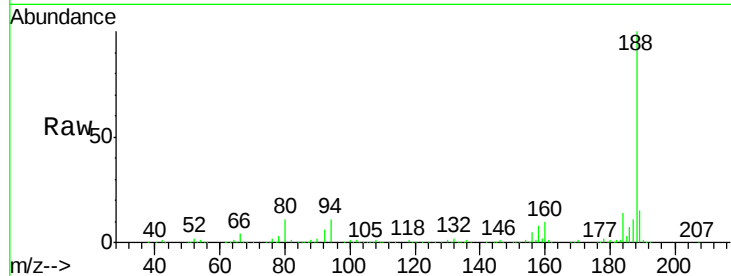
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Instrument :
BNA_F
ClientSampleId :
PB91249BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.9	9.0	13.6
80	11.3	10.0	15.0

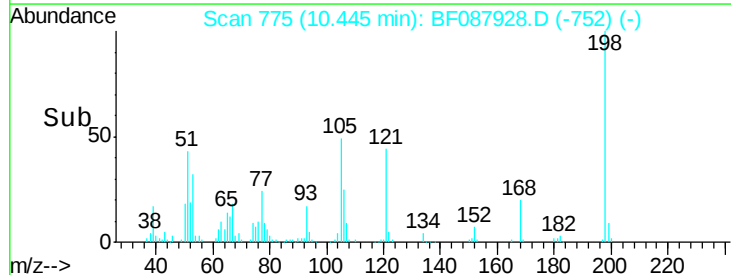
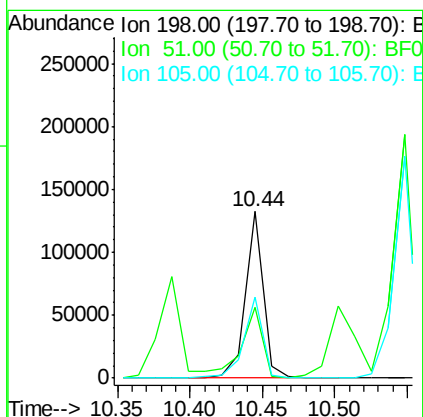
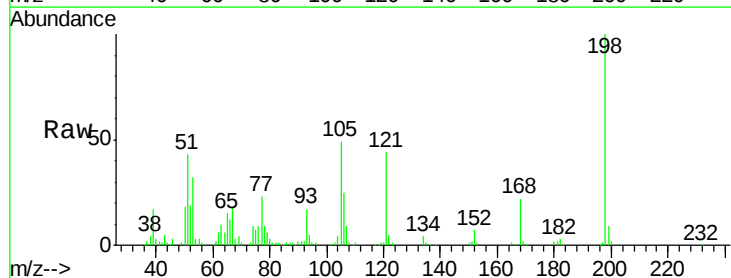
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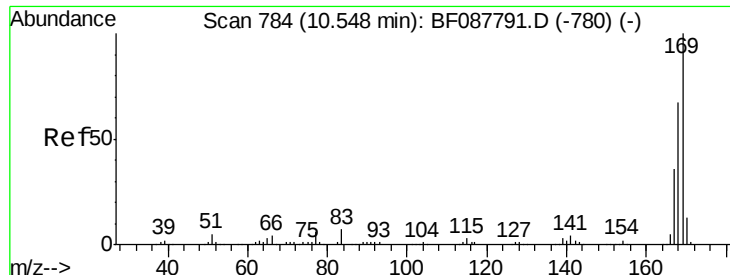
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#64
4,6-Dinitro-2-methylphenol
Concen: 46.10 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	42.6	39.6	79.6
105	49.0	36.6	76.6





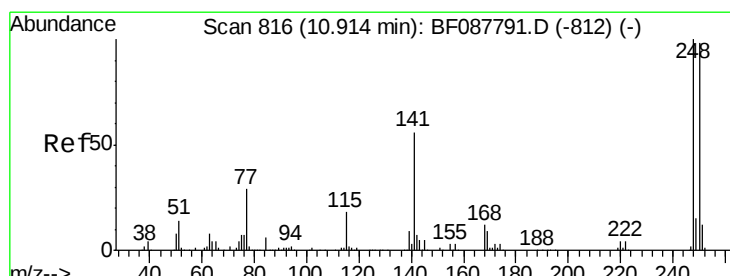
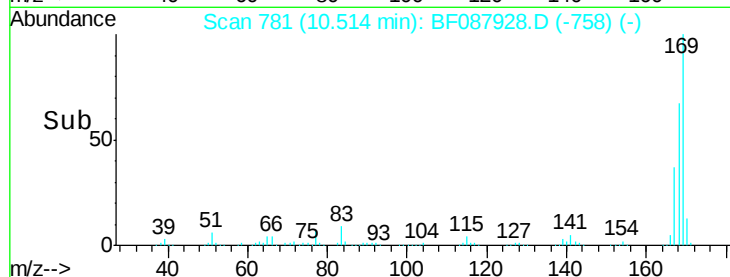
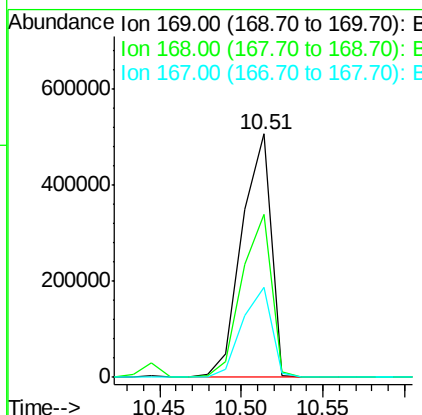
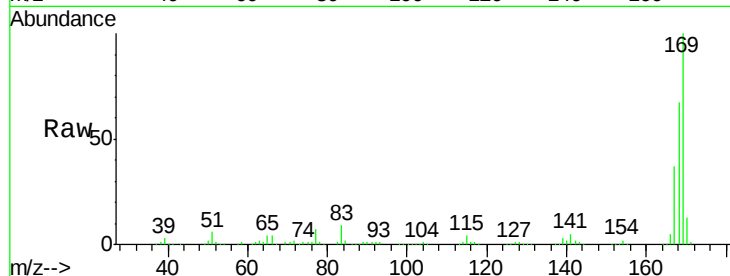
#65
n-Nitrosodiphenylamine
Concen: 47.99 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Instrument :
BNA_F
ClientSampleId :
PB91249BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	626172		
168	67.0		53.4	80.0
167	36.7		29.4	44.0

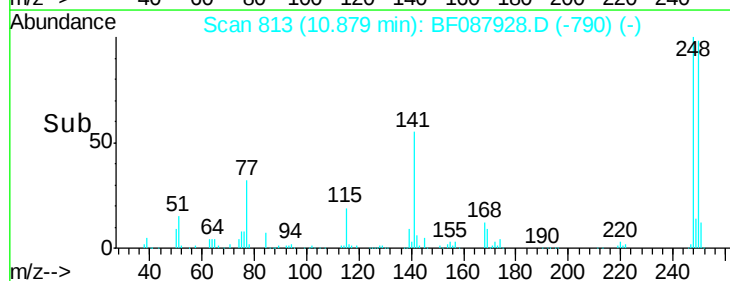
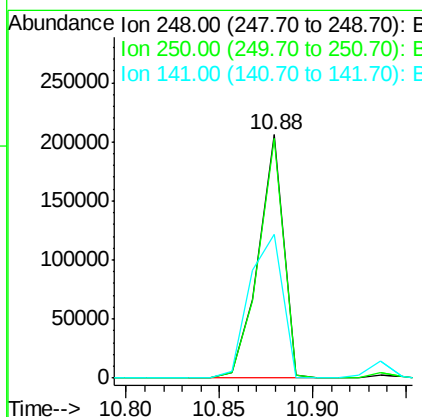
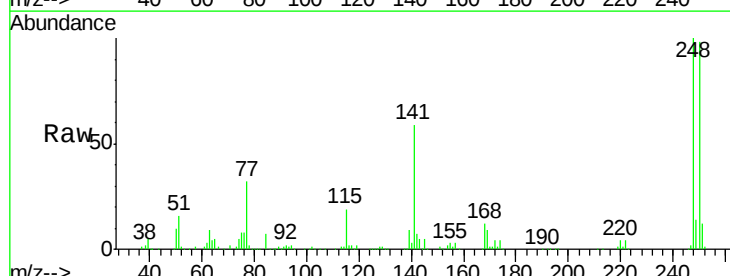
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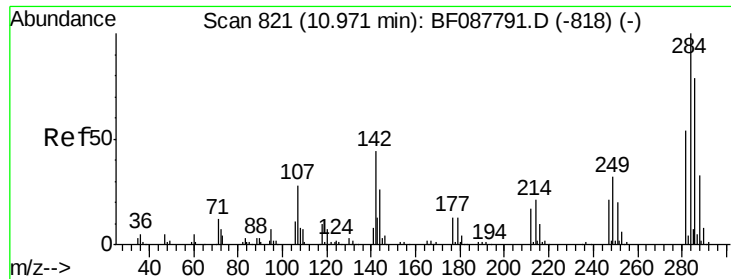
umangi
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#66
4-Bromophenyl-phenylether
Concen: 45.43 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	191687		
250	98.4		77.1	115.7
141	59.2		50.6	76.0





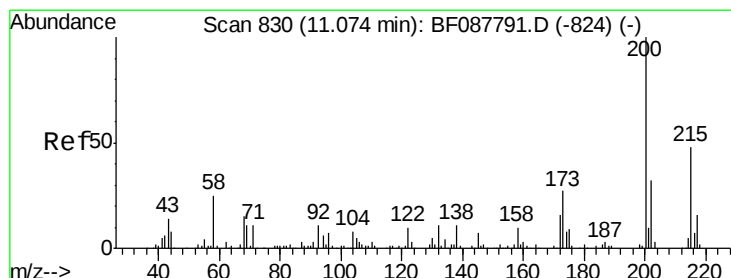
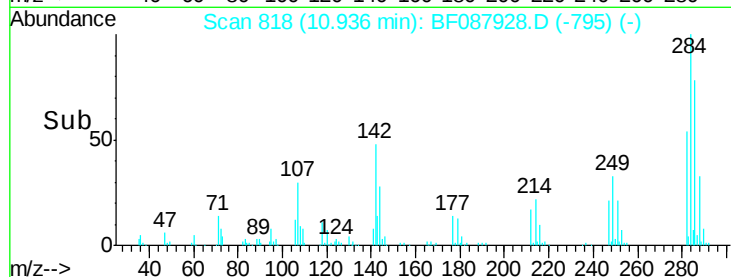
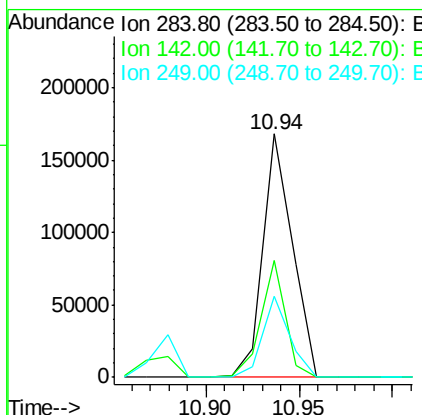
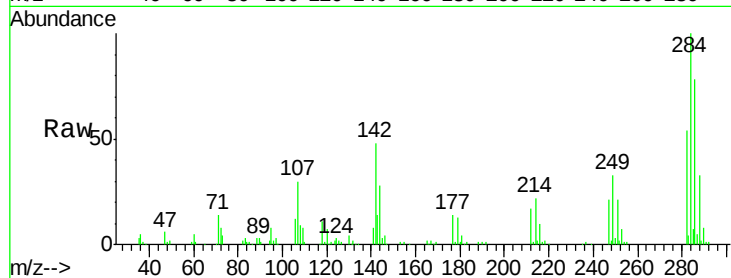
#67
Hexachlorobenzene
Concen: 41.85 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Instrument :
BNA_F
ClientSampleId :
PB91249BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	183436		
142	48.0	35.8	53.8	
249	33.4	25.8	38.6	

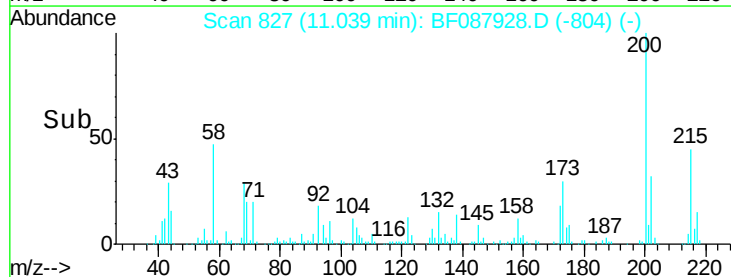
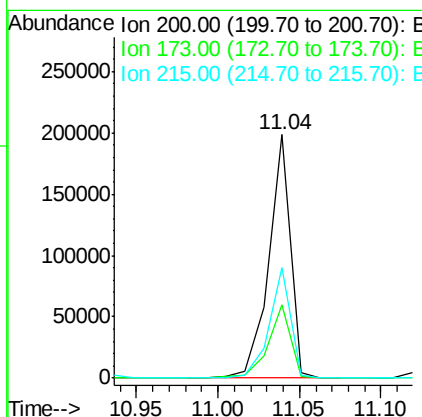
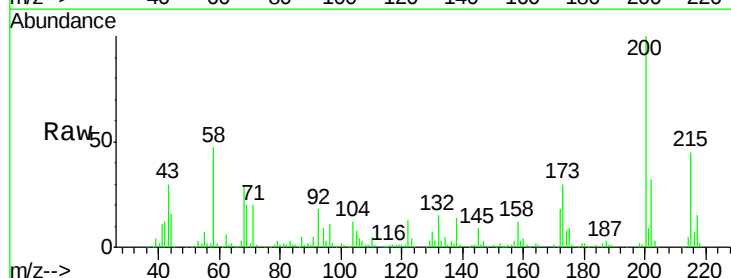
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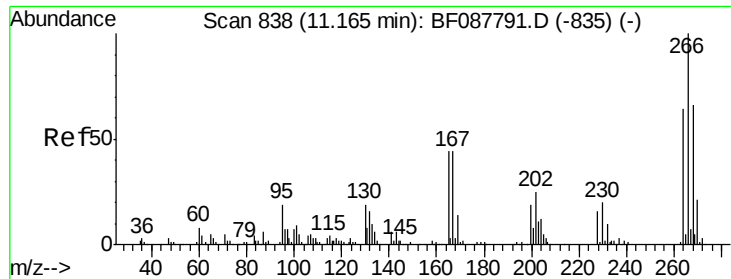
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#68
Atrazine
Concen: 46.60 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	184157		
173	30.3	4.0	44.0	
215	45.4	29.3	69.3	





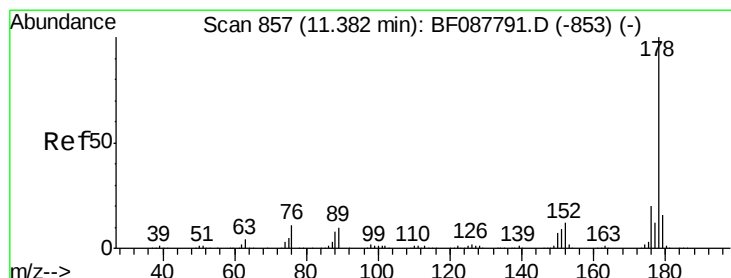
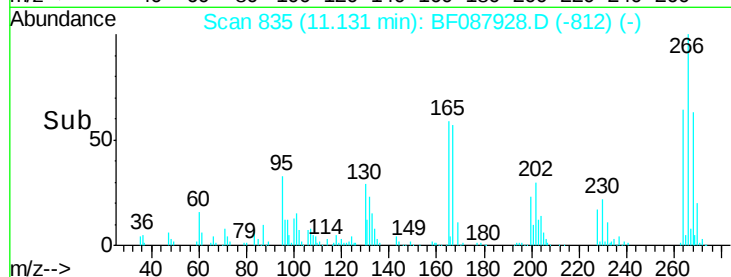
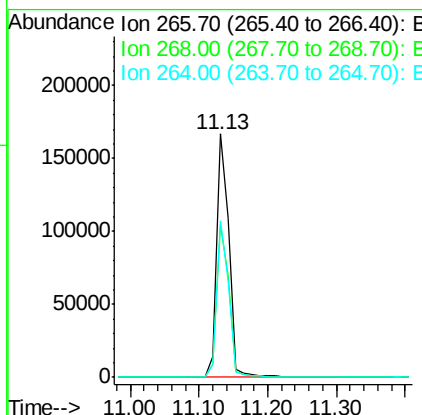
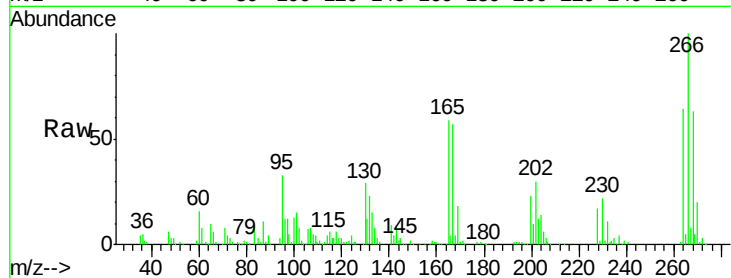
#69
 Pentachlorophenol
 Concen: 90.84 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Instrument :
 BNA_F
 ClientSampleId :
 PB91249BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	209910		
268	62.7	52.8	79.2	
264	64.2	49.6	74.4	

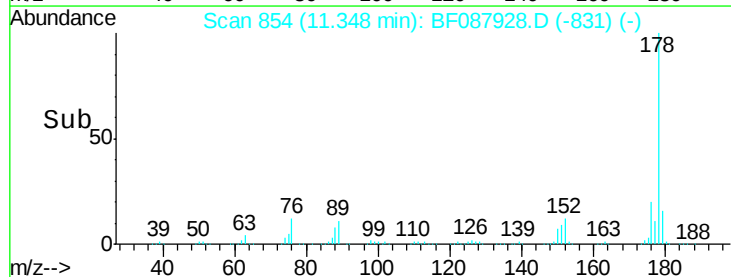
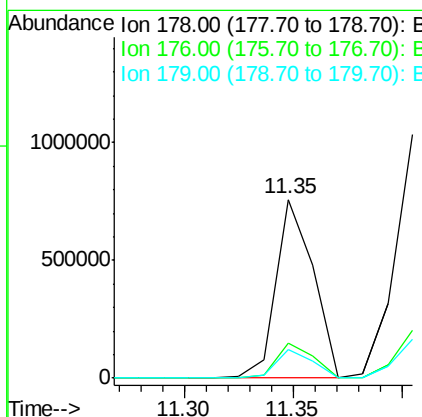
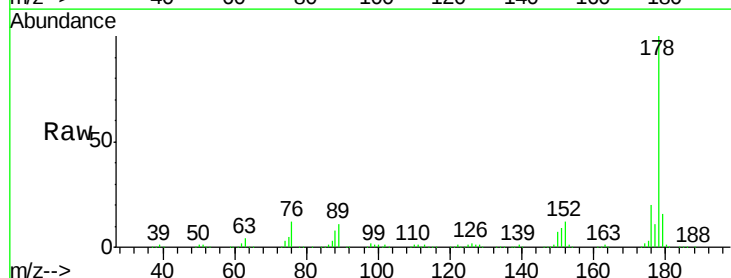
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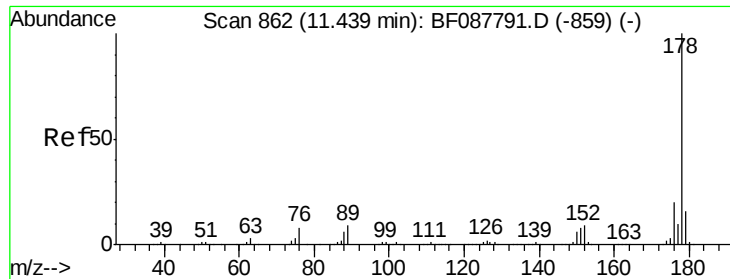
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#70
 Phenanthrene
 Concen: 44.20 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	912214		
176	19.7	15.8	23.6	
179	16.2	13.0	19.4	





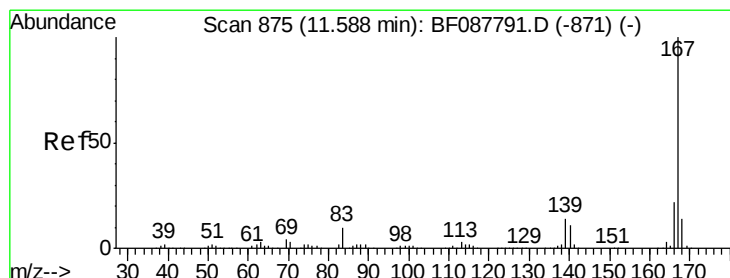
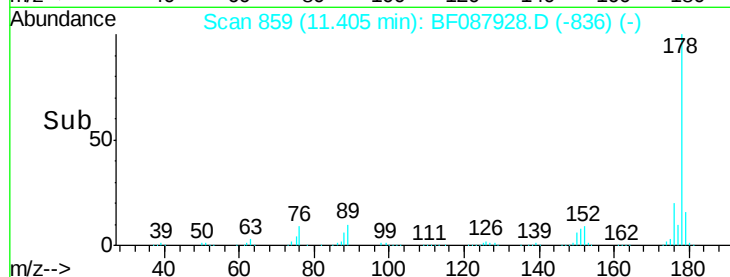
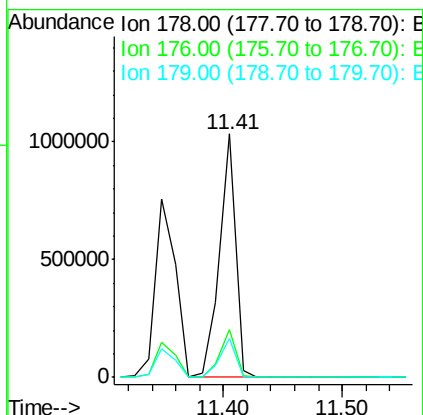
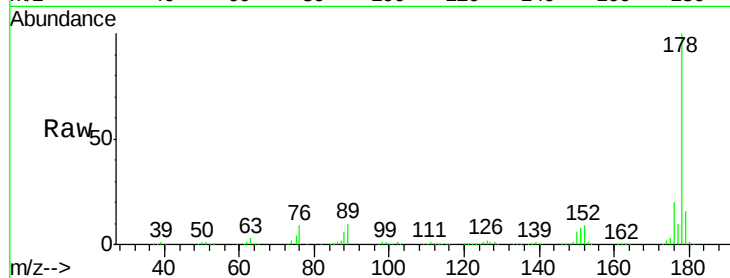
#71
 Anthracene
 Concen: 46.30 ng
 RT: 11.41 min Scan# 859
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Instrument :
 BNA_F
 ClientSampled :
 PB91249BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	16.0	12.8	19.2

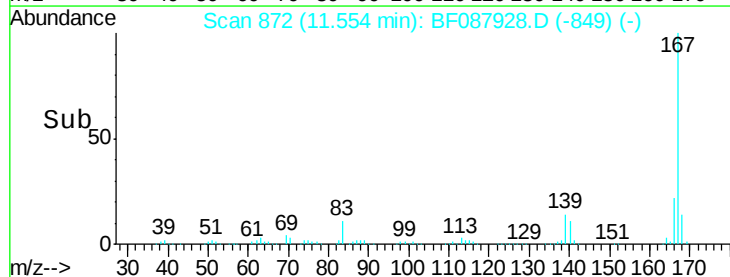
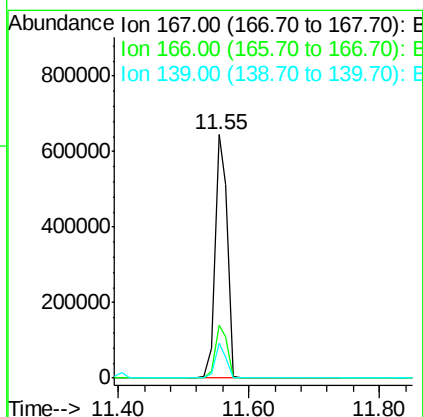
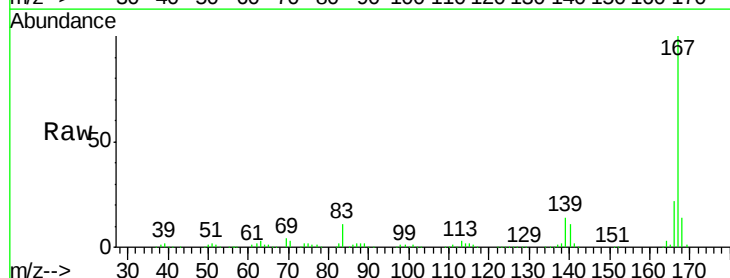
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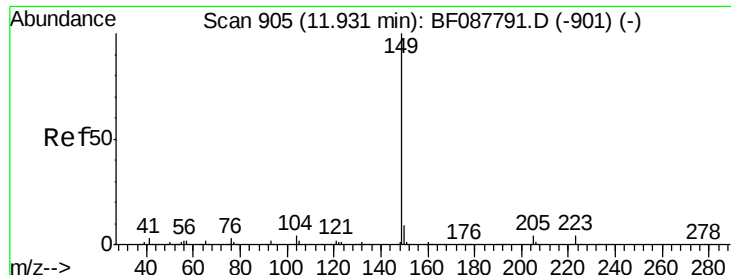
umangi
 6/13/2016 7:44:38 PM



#72
 Carbazole
 Concen: 44.11 ng
 RT: 11.55 min Scan# 872
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.8	26.6
139	14.2	11.2	16.8





#73

Di-n-butylphthalate

Concen: 39.73 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

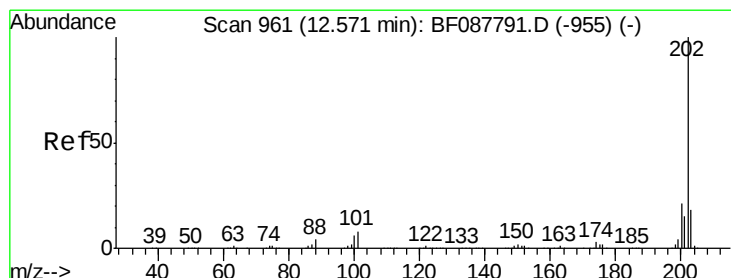
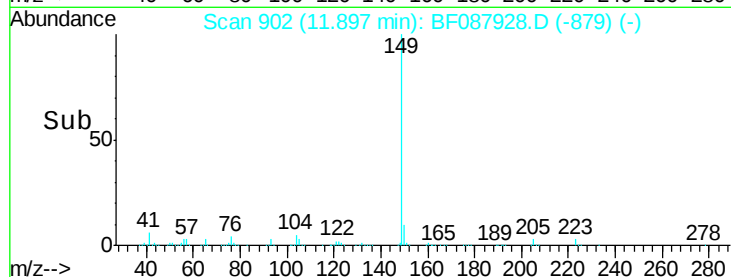
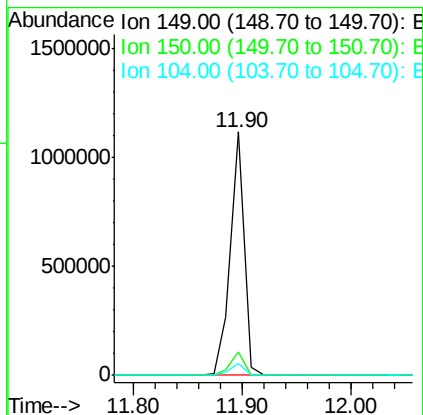
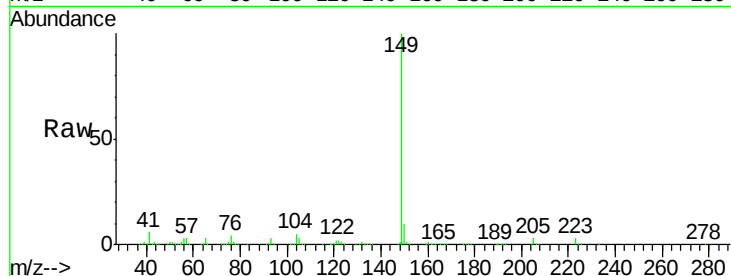
ClientSampleId :

PB91249BS

Tot Ion:	149	Resp:	979753
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.6
104	4.7	4.0	6.0

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#74

Fluoranthene

Concen: 39.79 ng

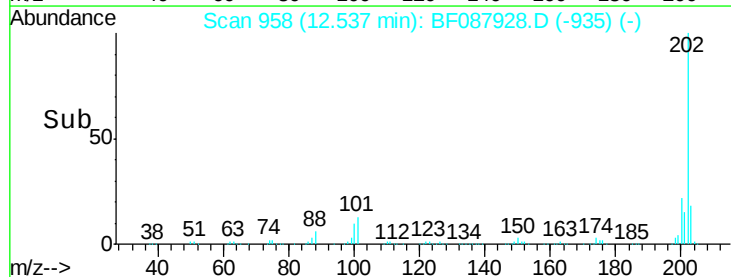
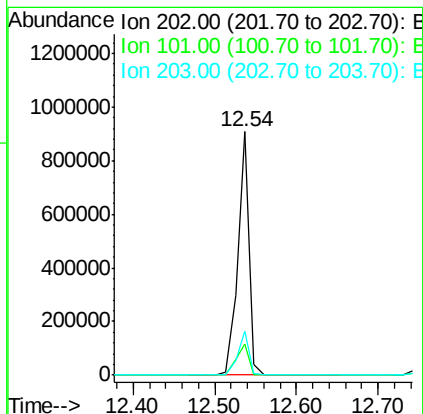
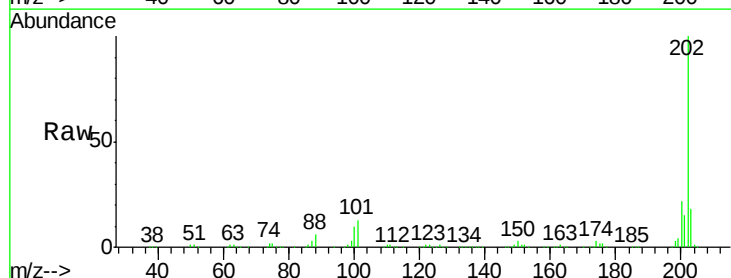
RT: 12.54 min Scan# 958

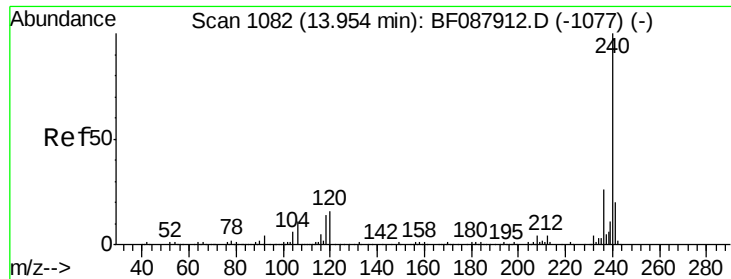
Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Tgt Ion:	202	Resp:	866443
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	33.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1083

Delta R.T. -0.02 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

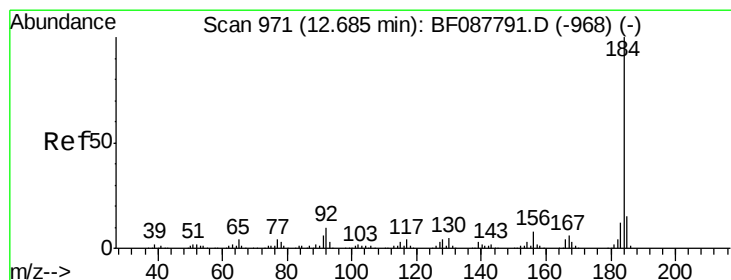
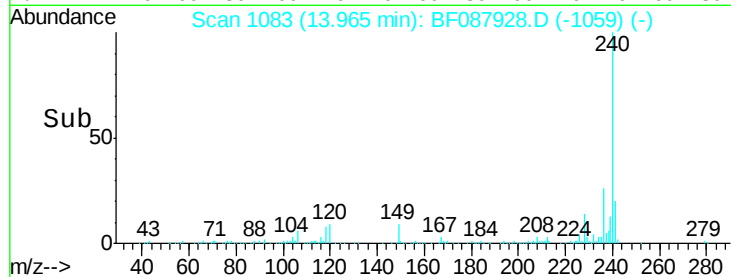
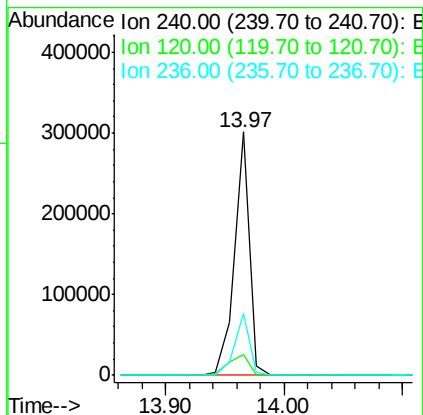
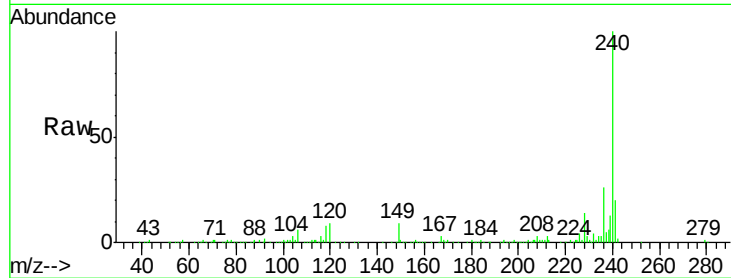
ClientSampleId :

PB91249BS

Tot Ion:	240	Resp:	264617
Ion Ratio		Lower	Upper
240	100		
120	8.8	6.8	10.2
236	25.6	20.2	30.2

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#76

Benzidine

Concen: 39.05 ng

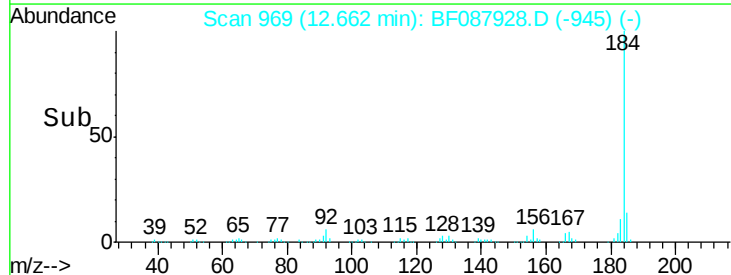
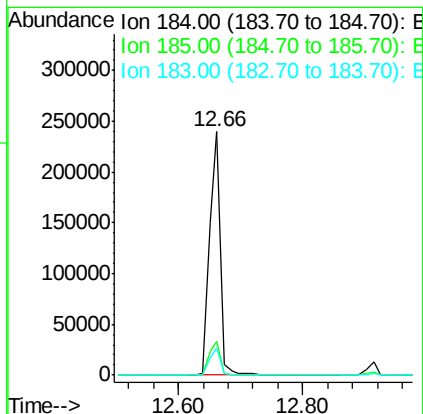
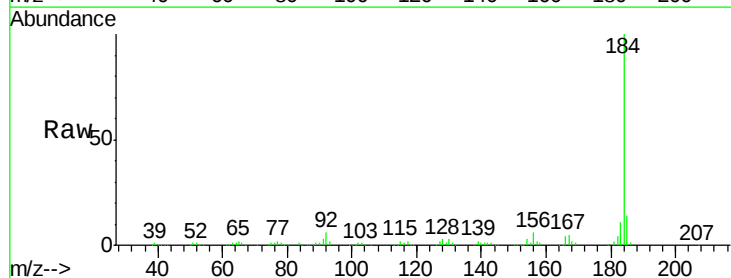
RT: 12.66 min Scan# 969

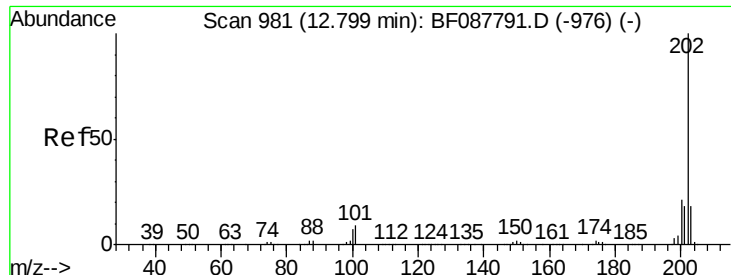
Delta R.T. -0.02 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Tgt Ion:	184	Resp:	286091
Ion Ratio		Lower	Upper
184	100		
185	13.9	12.5	18.7
183	11.3	9.3	13.9





#77

Pvrene

Concen: 47.49 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

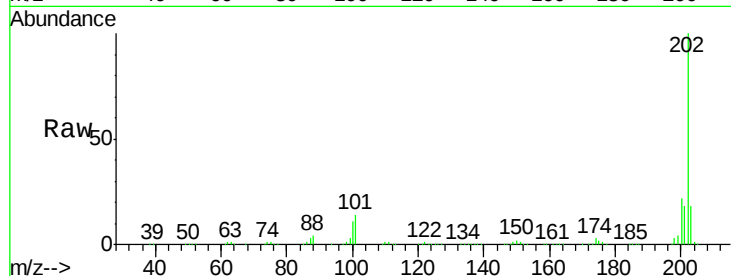
ClientSampleId :

PB91249BS

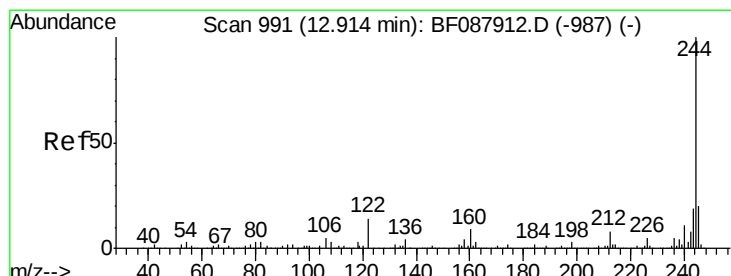
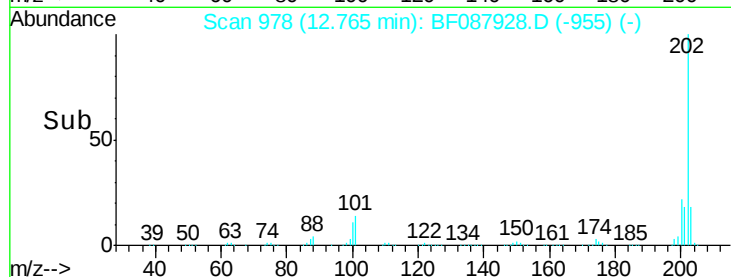
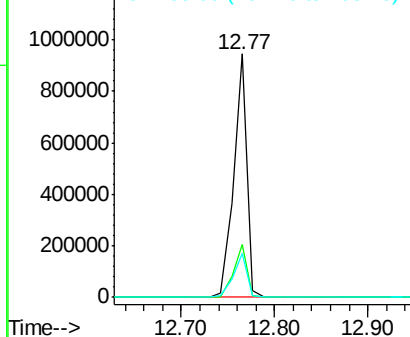
Tot Ion:	202	Resp:	932496
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.4	26.2
203	18.0	14.5	21.7

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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: 80.82 ng

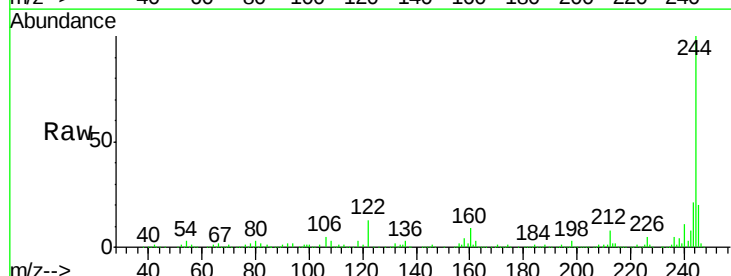
RT: 12.91 min Scan# 991

Delta R.T. -0.03 min

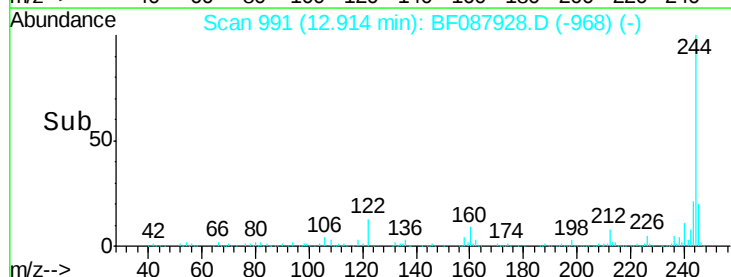
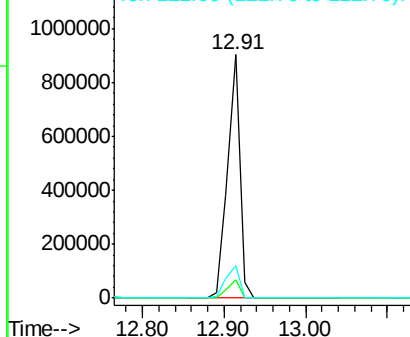
Lab File: BF087928.D

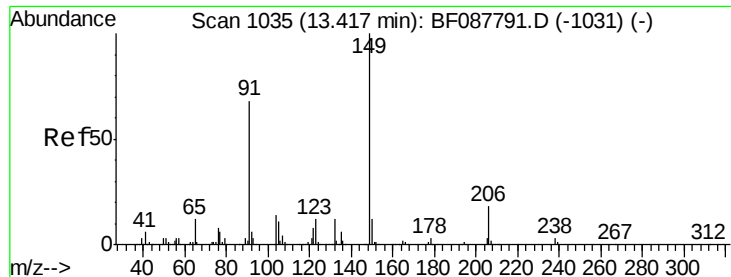
Acq: 12 Jun 2016 4:52

Tgt Ion:	244	Resp:	939881
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.0	9.0
122	13.3	11.2	16.8



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: 49.05 ng

RT: 13.39 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

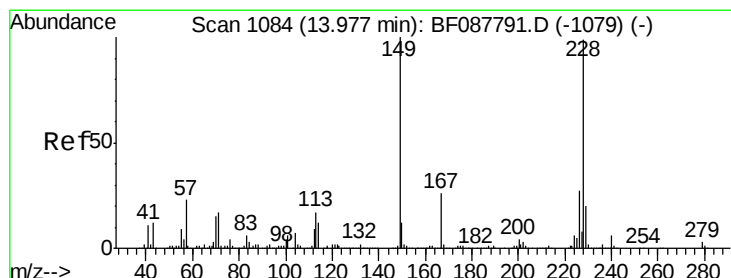
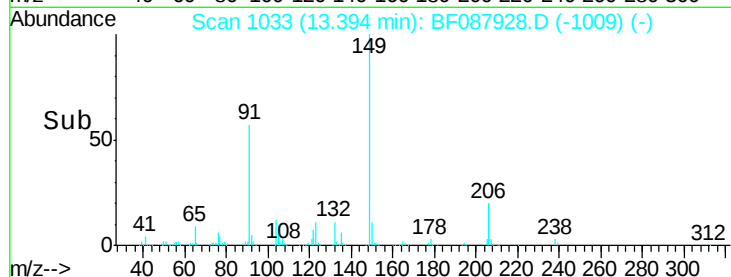
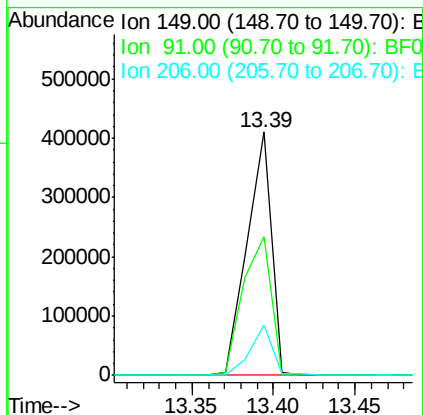
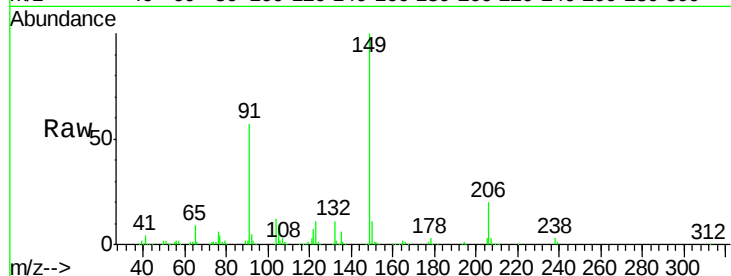
ClientSampleId :

PB91249BS

Tot Ion:	149	Resp:	425827
Ion Ratio	Lower	Upper	
149	100		
91	57.2	48.0	72.0
206	20.5	16.0	24.0

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#80

Benzo(a)anthracene

Concen: 42.50 ng

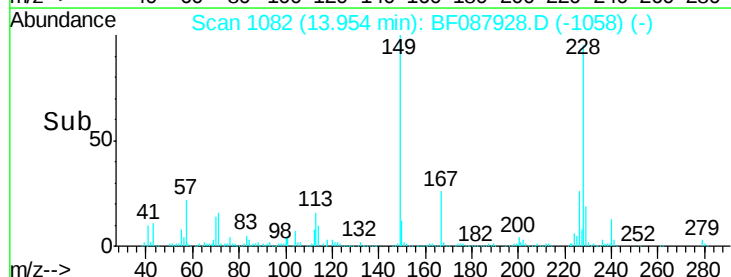
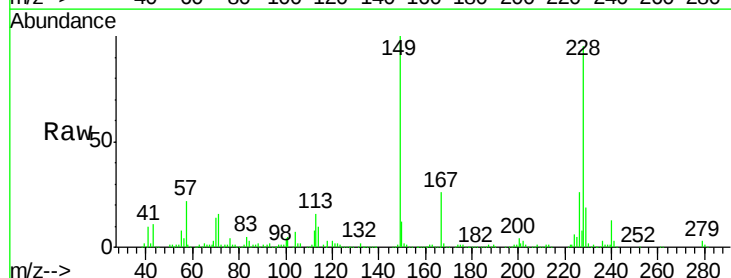
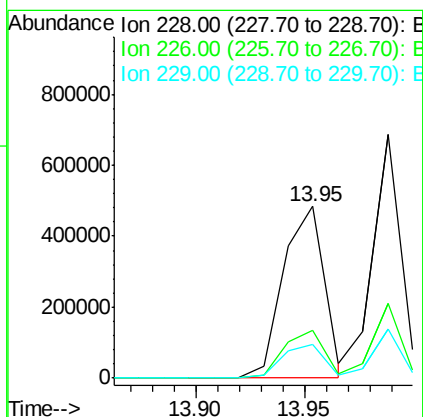
RT: 13.95 min Scan# 1082

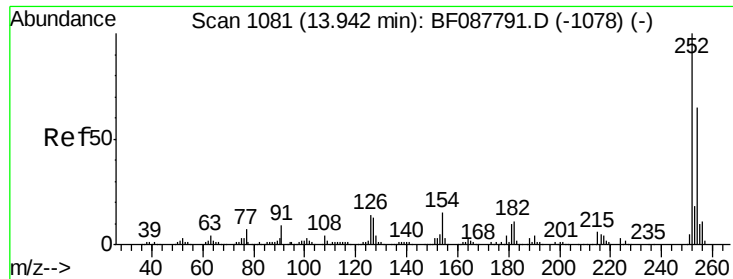
Delta R.T. -0.02 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Tgt Ion:	228	Resp:	640886
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.3	33.5
229	19.9	16.0	24.0





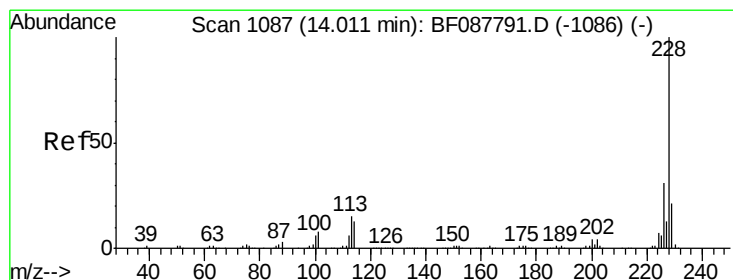
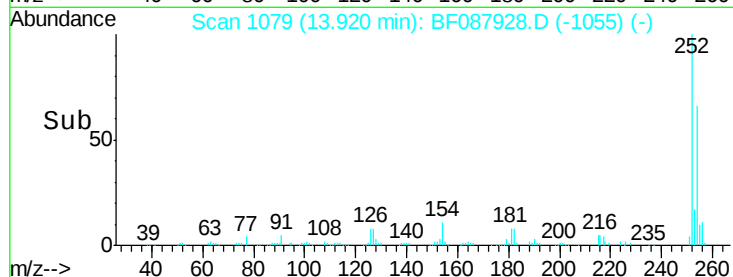
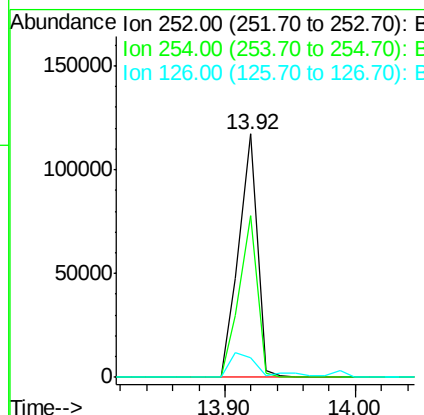
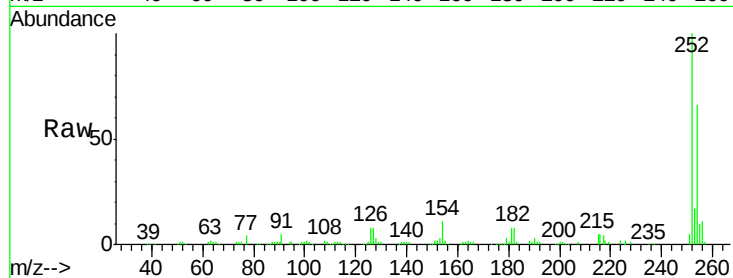
#81
 3,3'-Dichlorobenzidine
 Concen: 28.69 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Instrument :
 BNA_F
 ClientSampleId :
 PB91249BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.4	52.6	78.8
126	8.3	6.2	9.2

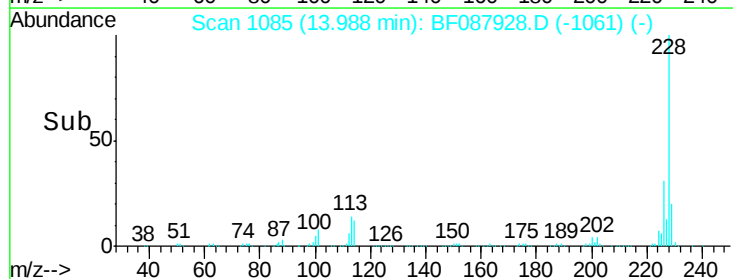
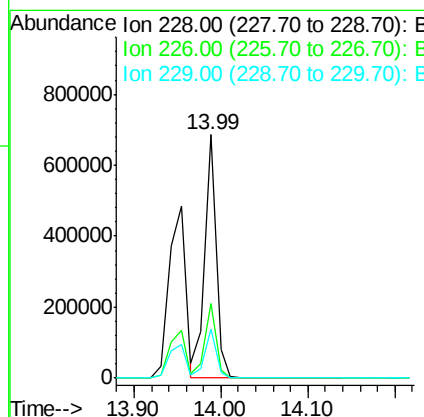
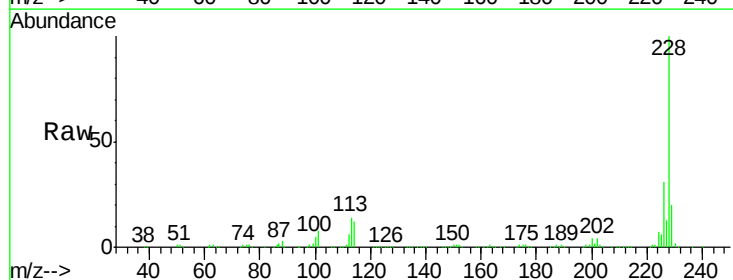
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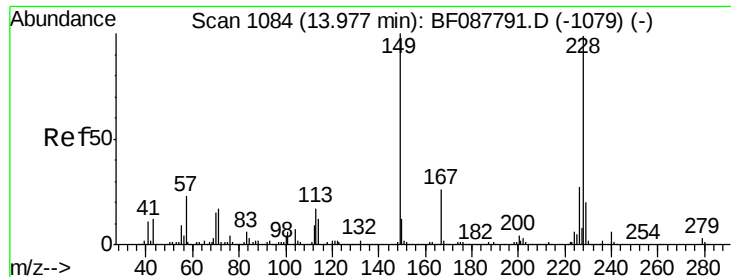
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#82
 Chrysene
 Concen: 44.09 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.7	25.4	38.2
229	20.1	16.3	24.5





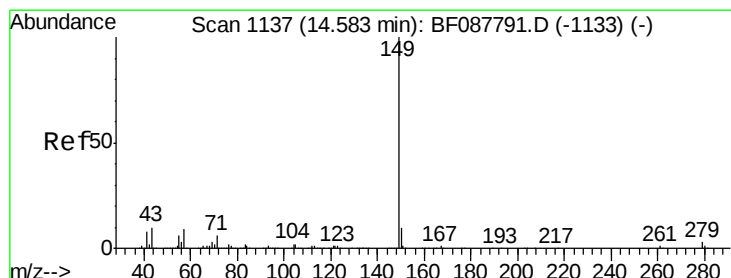
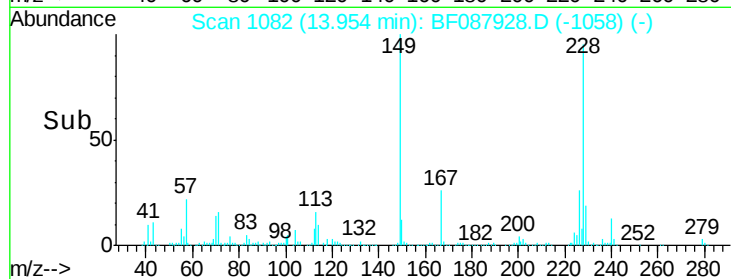
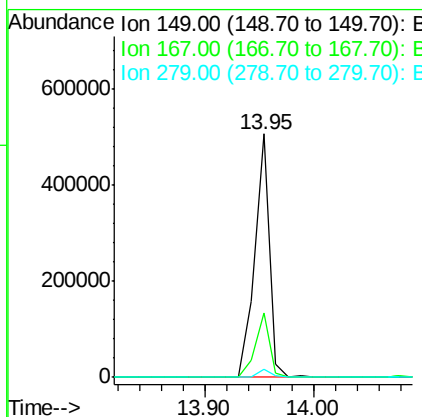
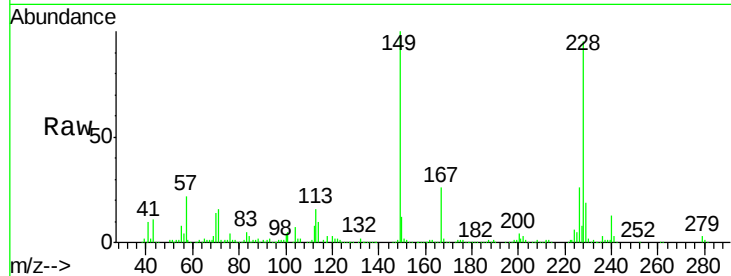
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.53 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Instrument :
 BNA_F
 ClientSampleId :
 PB91249BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	481156		
167	26.3	20.5	30.7	
279	3.2	2.0	3.0	

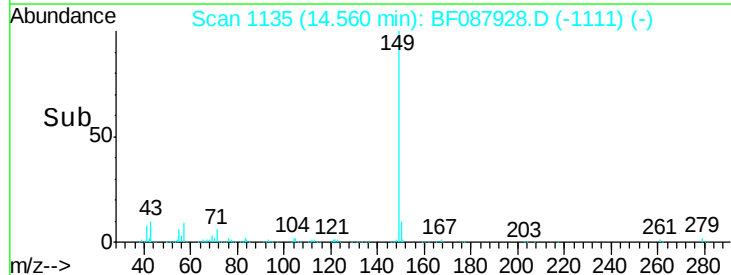
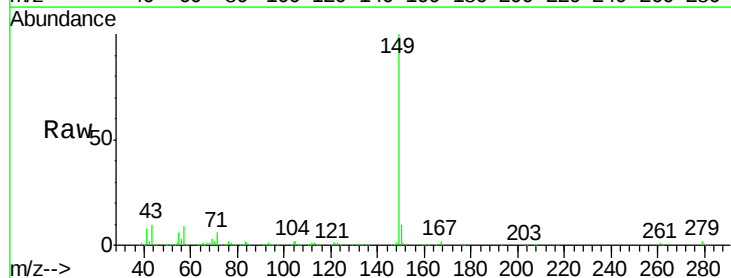
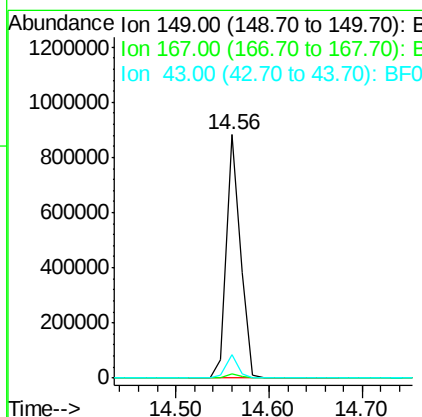
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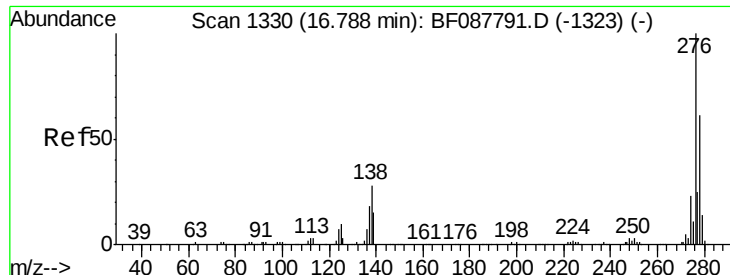
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#84
 Di-n-octyl phthalate
 Concen: 53.74 ng
 RT: 14.56 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	922819		
167	1.6	0.0	0.0	
43	8.4	0.0	0.0	





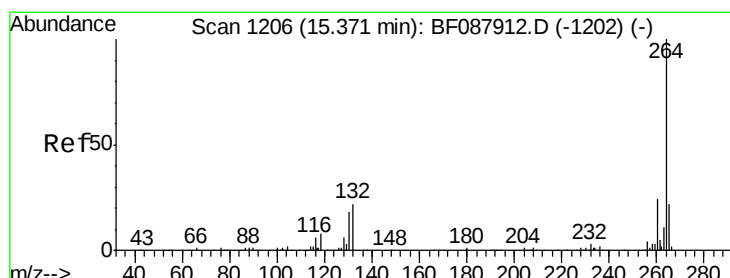
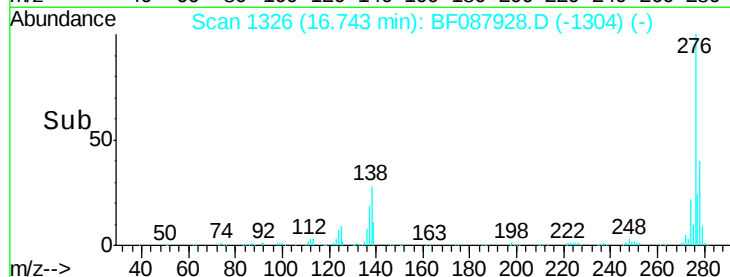
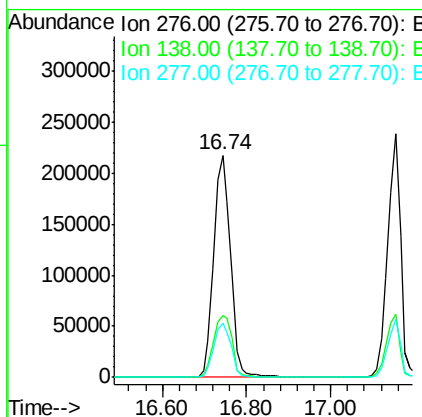
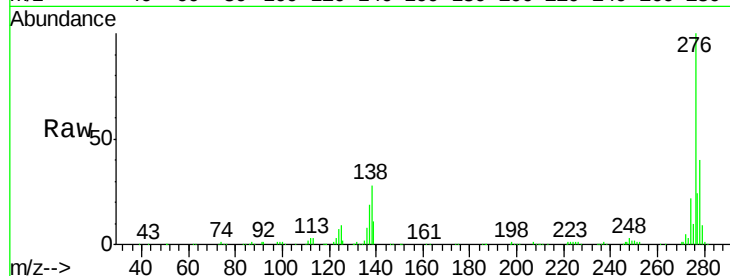
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.44 ng
RT: 16.74 min Scan# 1326
Delta R.T. -0.05 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Instrument :
BNA_F
ClientSampleId :
PB91249BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	30.7	0.0	0.0#
277	25.0	0.0	0.0#

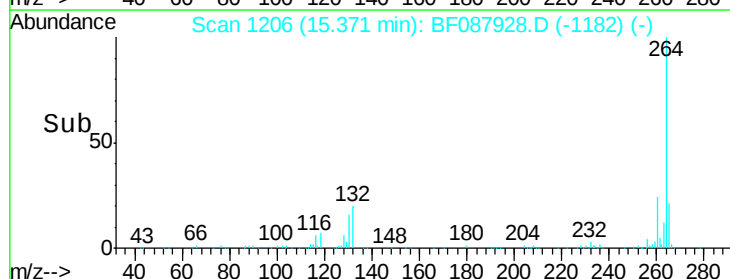
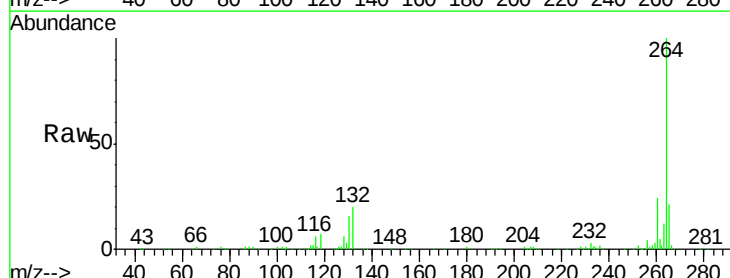
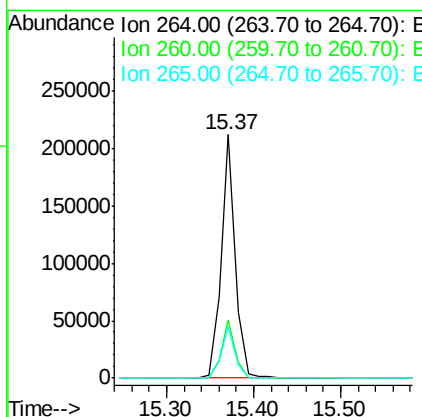
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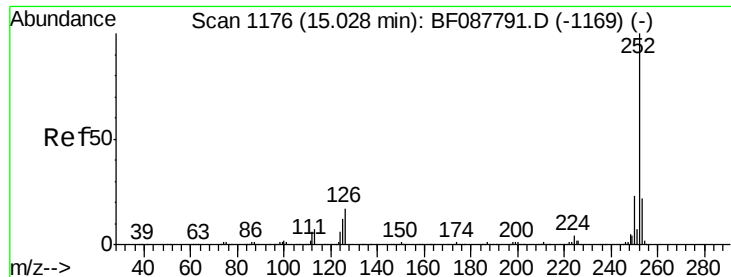
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.1	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 38.62 ng

RT: 14.97 min Scan# 1171

Delta R.T. -0.02 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

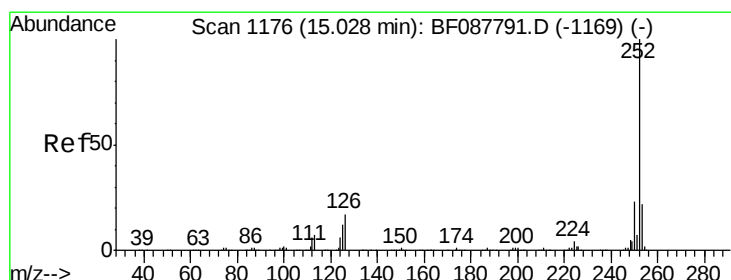
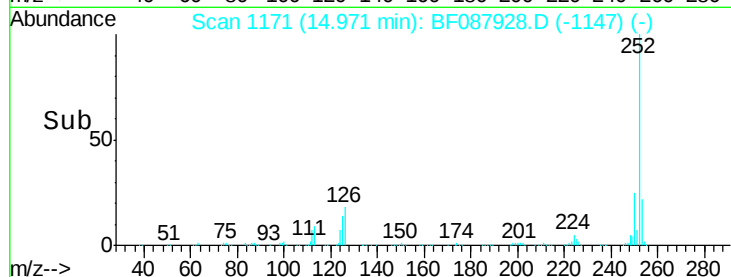
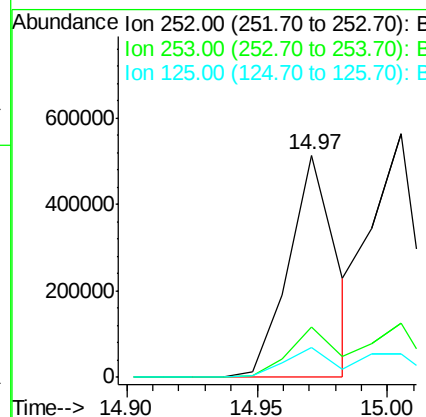
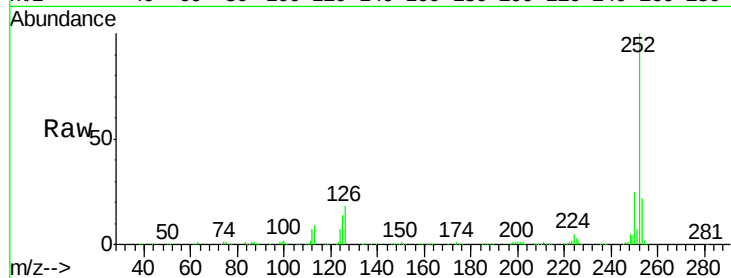
ClientSampleId :

PB91249BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	13.5	7.1	10.7#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 51.90 ng m

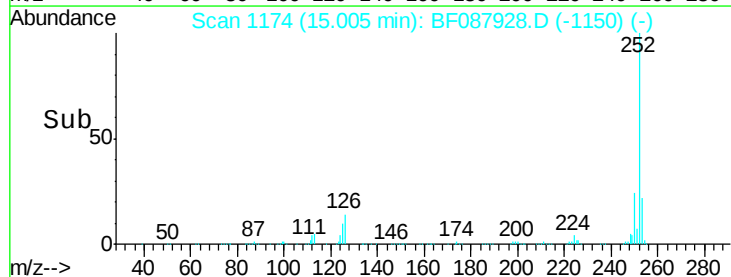
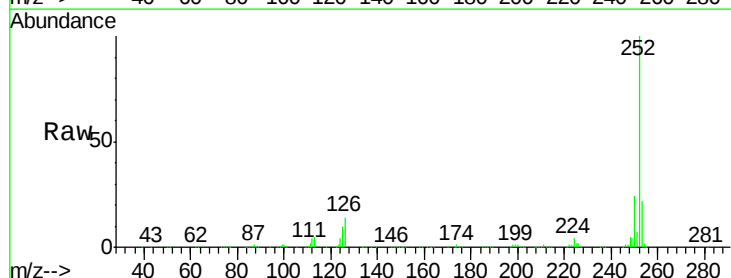
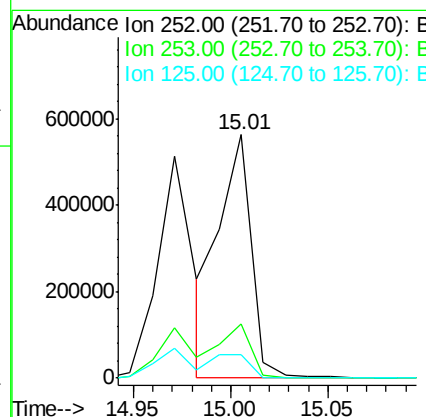
RT: 15.01 min Scan# 1174

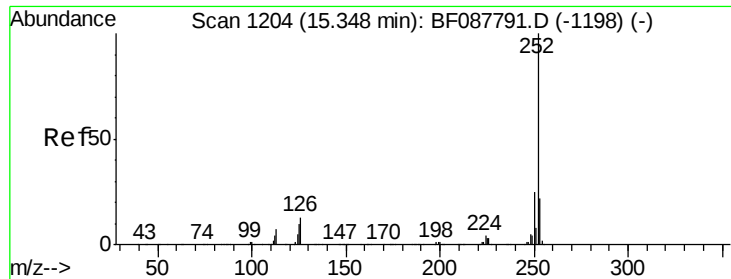
Delta R.T. -0.02 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	9.7	11.2	16.8#





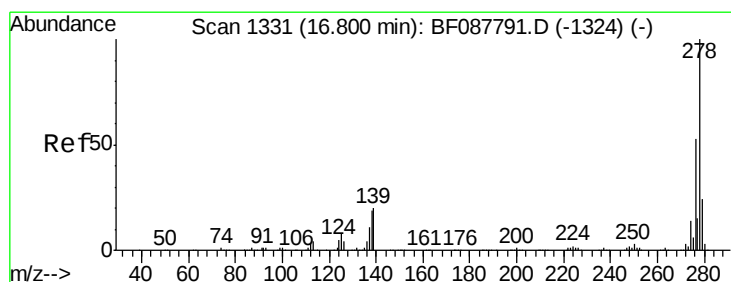
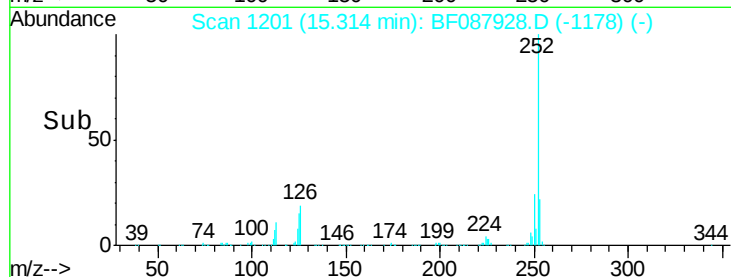
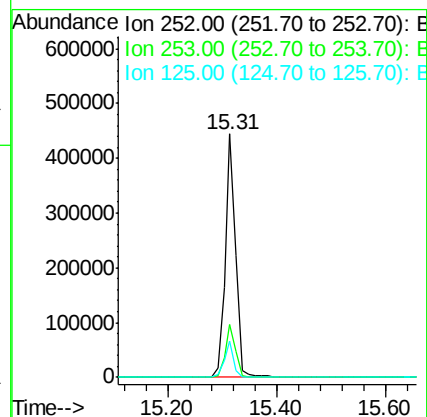
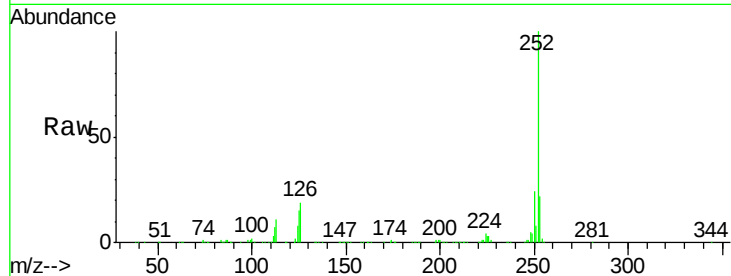
#89
Benzo(a)pyrene
Concen: 44.65 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Instrument :
BNA_F
ClientSampleId :
PB91249BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	15.0	12.5	18.7

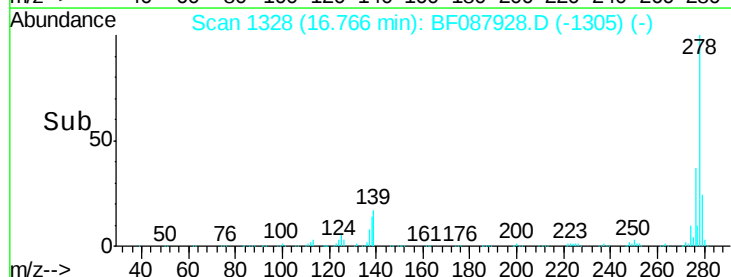
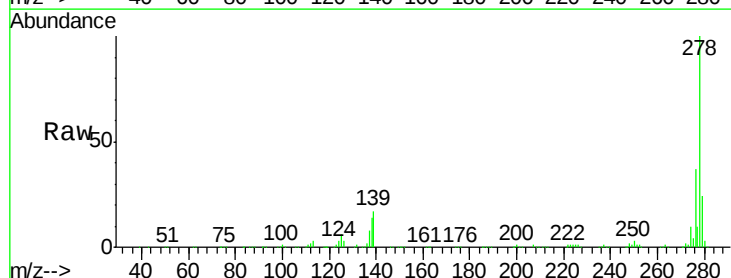
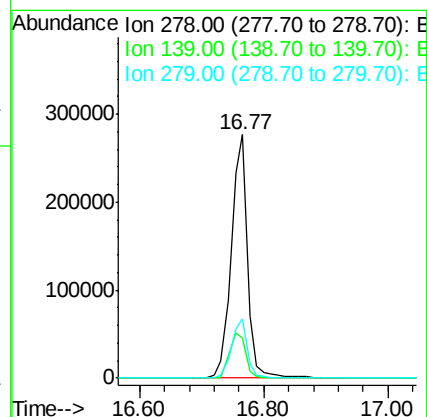
Manual Integrations
APPROVED

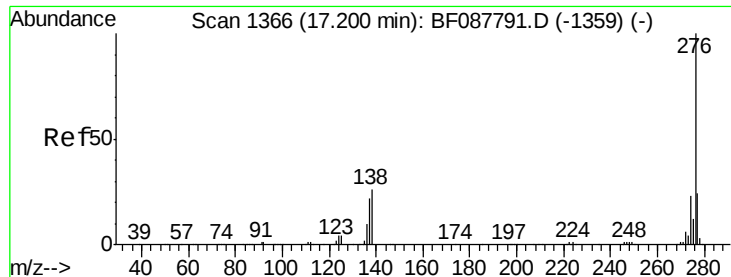
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#90
Dibenzo(a,h)anthracene
Concen: 39.80 ng
RT: 16.77 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	15.7	23.5
279	24.4	19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 40.51 ng
 RT: 17.15 min Scan# 1362
 Delta R.T. -0.05 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Instrument :
 BNA_F
 ClientSampleId :
 PB91249BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	25.8	21.4	32.2

Manual Integrations
 APPROVED

umangi
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