

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087926.D
 Acq On : 12 Jun 2016 3:53
 Operator : UM/SJ
 Sample : PB91213BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91213BS

Manual Integrations
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umangi
 6/13/2016 7:44:41 PM

Quant Time: Jun 12 06:07:16 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	104015	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	436137	20.00	ng	-0.03
38) Acenaphthene-d10	9.85	164	238935	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	434248	20.00	ng	-0.03
75) Chrysene-d12	13.97	240	339965	20.00	ng	-0.02
86) Perylene-d12	15.37	264	278756	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	760972	125.07	ng	-0.02
7) Phenol-d6	6.44	99	881553	119.55	ng	-0.03
23) Nitrobenzene-d5	7.37	82	536706	71.86	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	244129	96.77	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	1181355	77.16	ng	-0.03
78) Terphenyl-d14	12.91	244	953387	63.81	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	104755	35.43	ng	# 24
3) Pyridine	3.14	79	335137	48.01	ng	95
4) n-Nitrosodimethylamine	3.10	42	136769	46.26	ng	87
6) Aniline	6.47	93	289155	27.55	ng	98
8) 2-Chlorophenol	6.58	128	305342	42.40	ng	98
9) Benzaldehyde	6.34	77	12077	2.43	ng	97
10) Phenol	6.46	94	395936	52.42	ng	81
11) bis(2-Chloroethyl)ether	6.55	93	273665	42.33	ng	# 81
12) 1,3-Dichlorobenzene	6.74	146	316332	40.94	ng	97
13) 1,4-Dichlorobenzene	6.82	146	334266	42.94	ng	97
14) 1,2-Dichlorobenzene	6.97	146	284693m	40.22	ng	
15) Benzyl Alcohol	6.95	79	233745	40.52	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	355706	40.72	ng	94
17) 2-Methylphenol	7.06	107	251299	43.03	ng	99
18) Hexachloroethane	7.31	117	111004	40.19	ng	# 88
19) n-Nitroso-di-n-propylamine	7.22	70	203173	43.07	ng	92
20) 3+4-Methylphenols	7.22	107	307865	45.18	ng	91
22) Acetophenone	7.22	105	401538	41.20	ng	# 90
24) Nitrobenzene	7.39	77	334283	46.21	ng	97
25) Isophorone	7.63	82	579777	41.91	ng	98
26) 2-Nitrophenol	7.70	139	167359	43.18	ng	94
27) 2,4-Dimethylphenol	7.75	122	296218	41.51	ng	95
28) bis(2-Chloroethoxy)methane	7.85	93	397739	46.35	ng	99
29) 2,4-Dichlorophenol	7.95	162	293533	49.27	ng	94
30) 1,2,4-Trichlorobenzene	8.03	180	261412	40.30	ng	100
31) Naphthalene	8.11	128	920772	42.66	ng	99
32) Benzoic acid	7.88	122	189571	48.25	ng	96
33) 4-Chloroaniline	8.16	127	198742	20.62	ng	99
34) Hexachlorobutadiene	8.24	225	141019	41.22	ng	99
35) Caprolactam	8.55	113	101586m	51.48	ng	
36) 4-Chloro-3-methylphenol	8.65	107	272777	42.81	ng	99
37) 2-Methylnaphthalene	8.81	142	610085	42.89	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	233026	34.74	ng	# 1
40) Hexachlorocyclopentadiene	8.96	237	250157	64.91	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	198082	41.46	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	187121	37.64	nq	# 91
45) 1,1'-Biphenyl	9.27	154	767382	42.43	nq	100
46) 2-Chloronaphthalene	9.29	162	611772	39.57	nq	99
47) 2-Nitroaniline	9.39	65	215486	47.24	nq	# 81
48) Acenaphthylene	9.71	152	1072230	43.60	nq	99
49) Dimethylphthalate	9.58	163	706670	40.83	nq	99
50) 2,6-Dinitrotoluene	9.63	165	160318	40.45	nq	# 65
51) Acenaphthene	9.88	154	721718	47.04	nq	99
52) 3-Nitroaniline	9.80	138	140161	30.64	nq	# 77
53) 2,4-Dinitrophenol	9.91	184	162983	76.01	nq	98
54) Dibenzofuran	10.06	168	930613	44.04	nq	95
55) 4-Nitrophenol	9.98	139	328184	92.45	nq	# 82
56) 2,4-Dinitrotoluene	10.04	165	251554	49.38	nq	96
57) Fluorene	10.40	166	685404	48.36	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	172641	44.19	nq	# 52
59) Diethylphthalate	10.27	149	723509	41.30	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	275590	39.22	nq	99
61) 4-Nitroaniline	10.42	138	197429	45.51	nq	99
62) Azobenzene	10.55	77	730860	42.19	nq	98
64) 4,6-Dinitro-2-methylphenol	10.44	198	108556	40.40	nq	96
65) n-Nitrosodiphenylamine	10.51	169	673151	46.72	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	210915	45.27	nq	99
67) Hexachlorobenzene	10.94	284	197392	40.78	nq	95
68) Atrazine	11.04	200	176291	40.40	nq	92
69) Pentachlorophenol	11.13	266	235725	92.38	nq	96
70) Phenanthrene	11.35	178	990363	43.46	nq	100
71) Anthracene	11.40	178	956333	41.61	nq	99
72) Carbazole	11.56	167	1021103	47.47	nq	98
73) Di-n-butylphthalate	11.90	149	1095639	40.24	nq	100
74) Fluoranthene	12.54	202	941144	39.14	nq	99
76) Benzidine	12.66	184	371571	39.47	nq	98
77) Pyrene	12.76	202	986436	39.10	nq	99
79) Butylbenzylphthalate	13.39	149	517767	46.42	nq	99
80) Benzo(a)anthracene	13.95	228	744306	38.42	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	182771	35.08	nq	# 99
82) Chrysene	13.99	228	745036	40.88	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	549493	40.47	nq	# 98
84) Di-n-octyl phthalate	14.56	149	1055632	47.85	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.74	276	696484	41.13	nq	# 100
87) Benzo(b)fluoranthene	14.97	252	720049m	37.06	nq	
88) Benzo(k)fluoranthene	15.01	252	743694m	50.74	nq	
89) Benzo(a)pyrene	15.31	252	677585	43.11	nq	100
90) Dibenzo(a,h)anthracene	16.77	278	578885	39.65	nq	98
91) Benzo(g,h,i)perylene	17.15	276	594184	39.56	nq	98

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

```

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Misc      :
ALS Vial  : 25    Sample Multiplier: 1

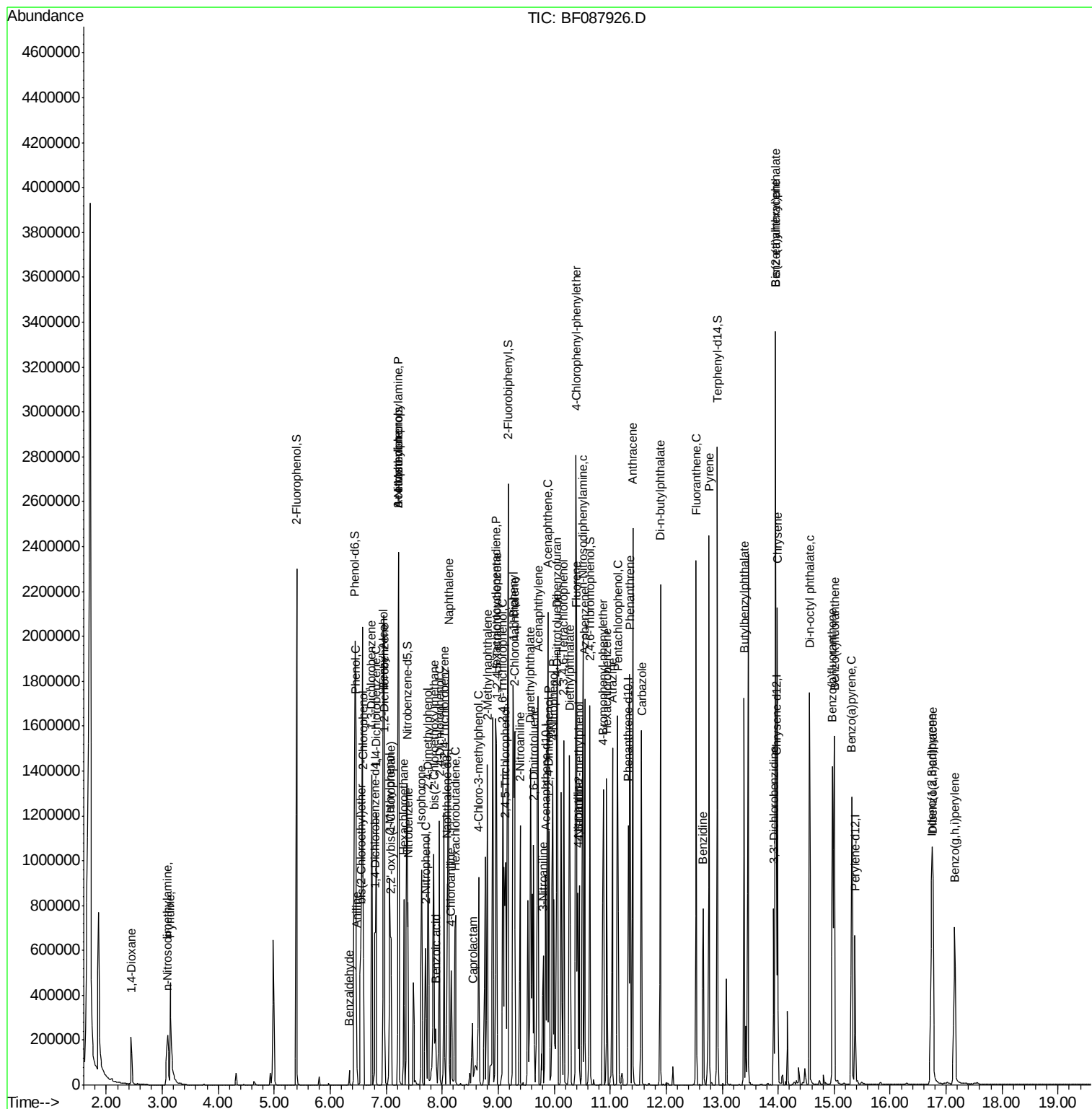
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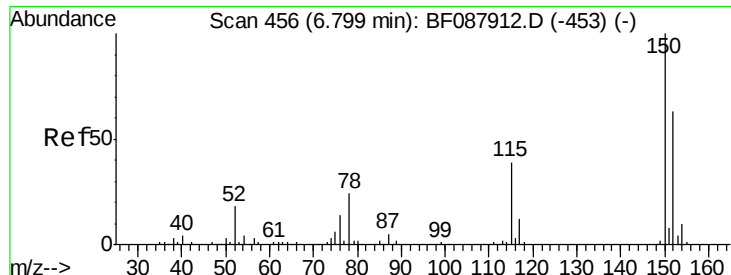
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Instrument :

BNA_F

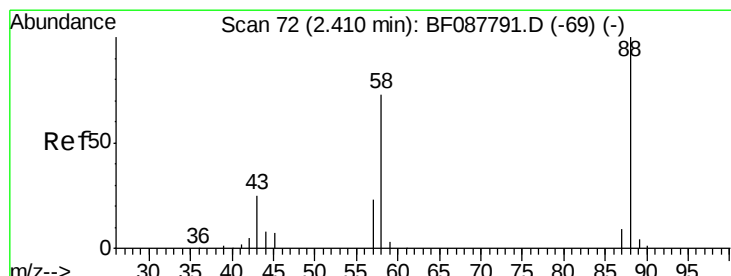
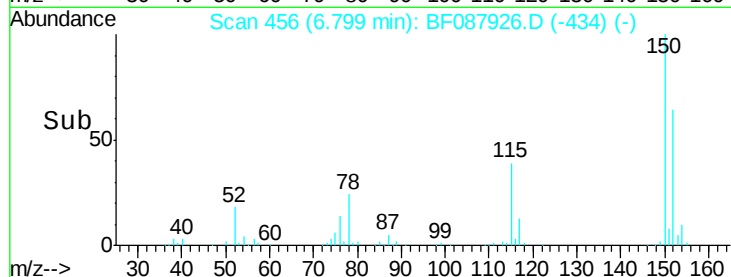
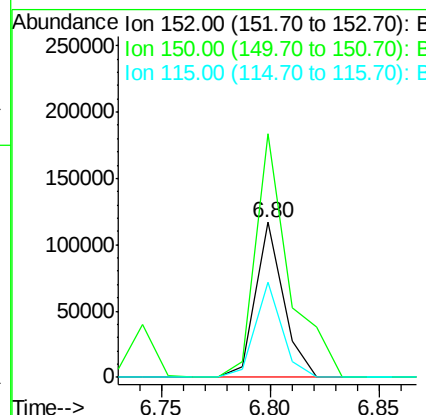
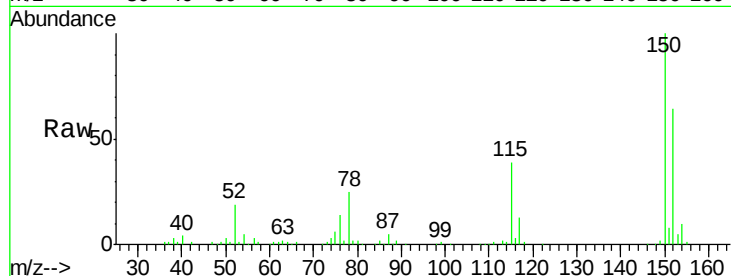
ClientSampleId :

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Tot Ion:	152	Resp:	104015
Ion Ratio	Lower	Upper	
152	100		
150	156.9	123.8	185.6
115	61.2	39.6	59.4



#2

1,4-Dioxane

Concen: 35.43 ng

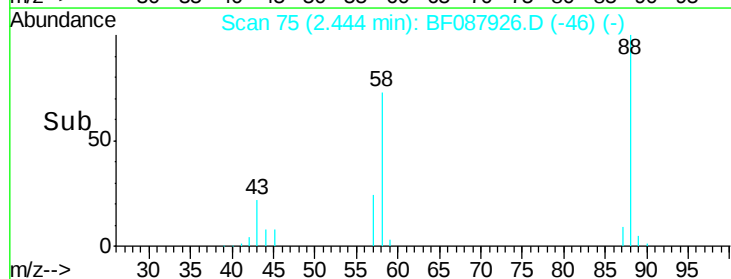
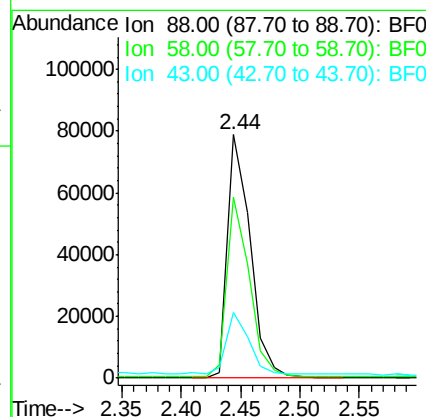
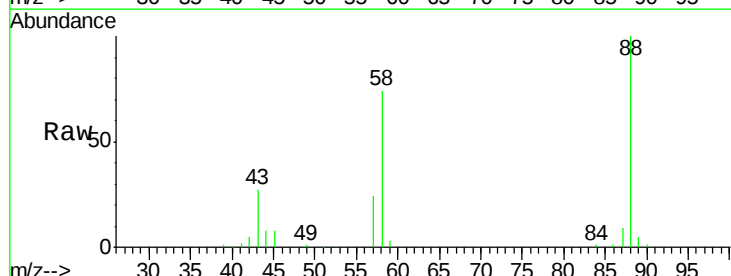
RT: 2.44 min Scan# 75

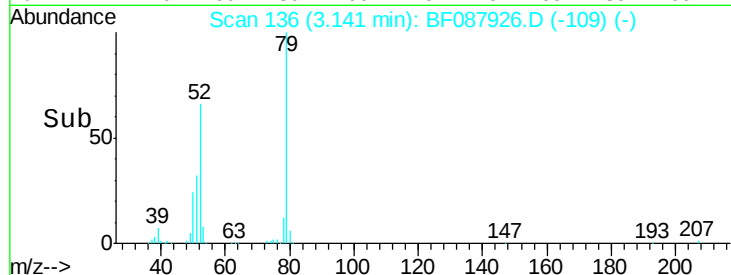
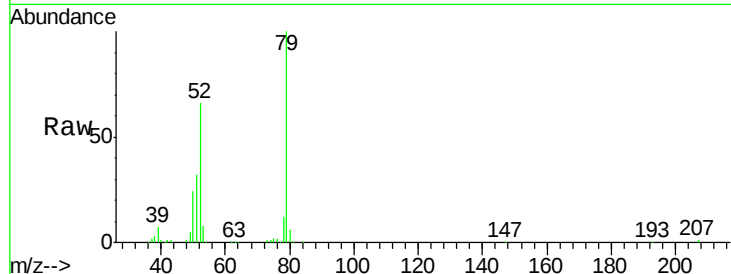
Delta R.T. 0.03 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Tgt Ion:	88	Resp:	104755
Ion Ratio	Lower	Upper	
88	100		
58	77.3	0.0	0.0
43	29.3	3.4	5.2





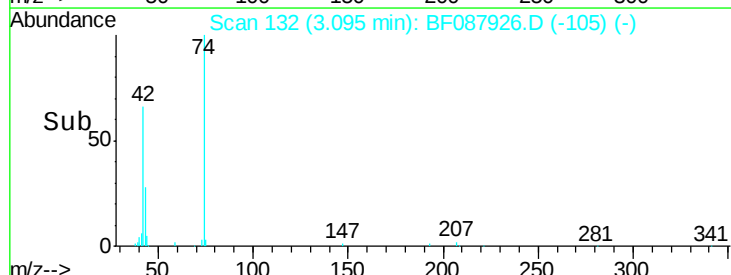
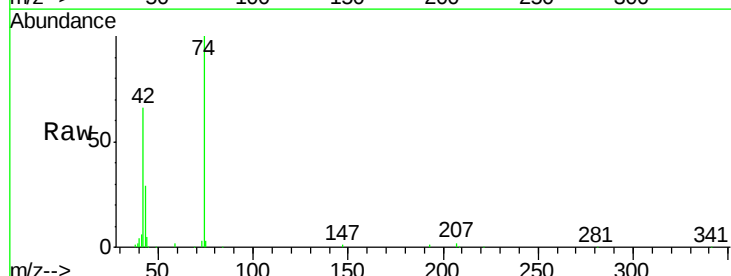
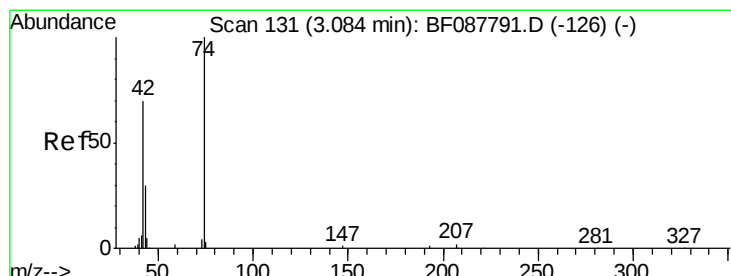
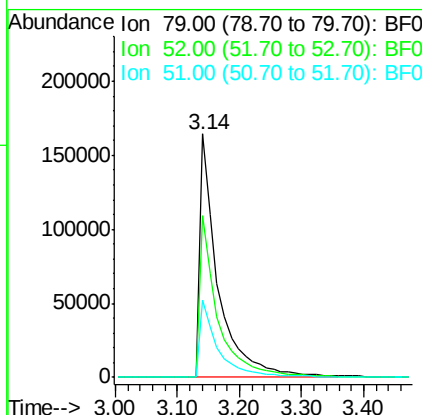
#3
Pvridine
Concen: 48.01 ng
RT: 3.14 min Scan# 136
Delta R.T. 0.01 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	335137		
52	52	66.3		56.3	84.5
51	51	31.8		27.4	41.2

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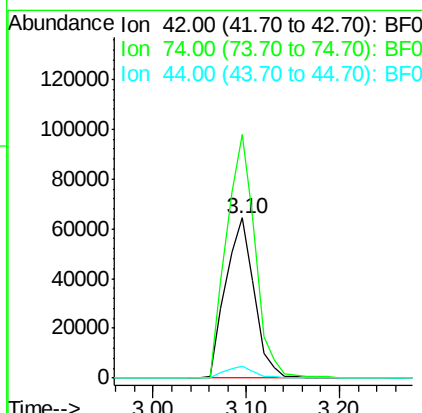
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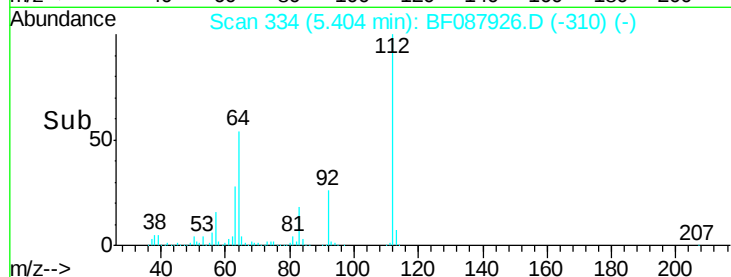
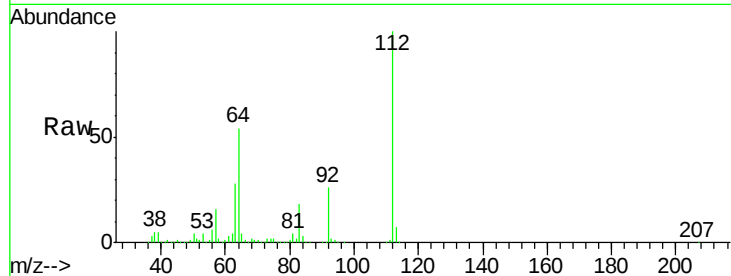
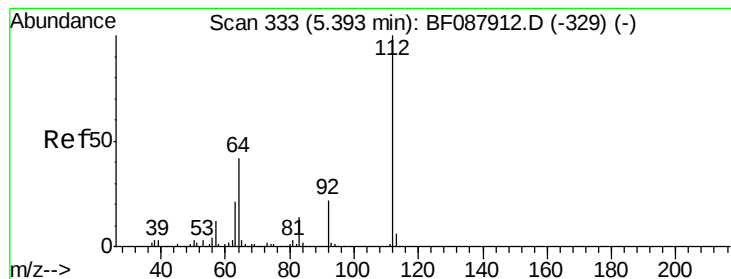
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#4
n-Nitrosodimethylamine
Concen: 46.26 ng
RT: 3.10 min Scan# 132
Delta R.T. 0.01 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	136769		
74	74	152.1		108.6	163.0
44	44	7.1		5.5	8.3





#5

2-Fluorophenol

Concen: 125.07 ng

RT: 5.40 min Scan# 334

Delta R.T. -0.02 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		760972		
64	54.1	42.2	63.2		
63	28.1	21.8	32.8		

Instrument :

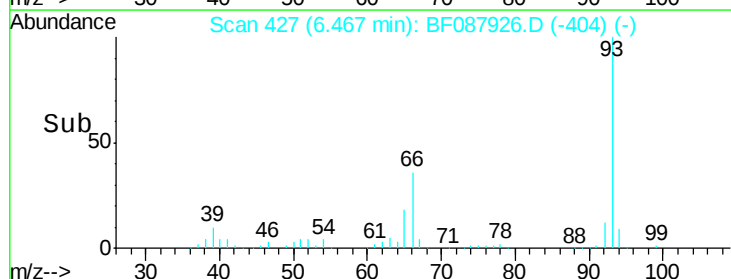
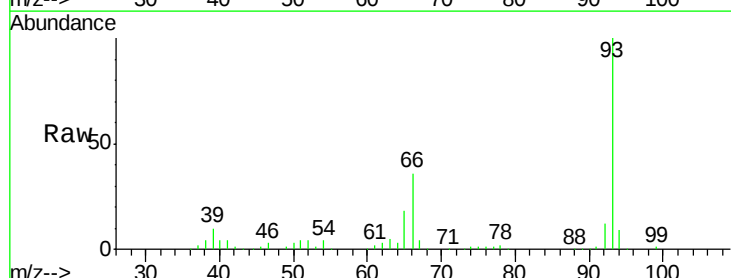
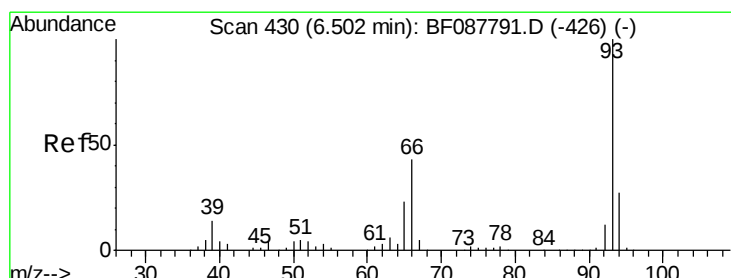
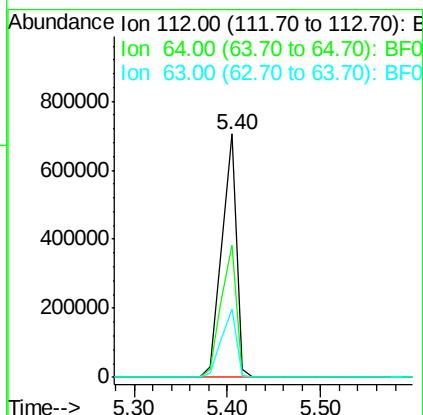
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#6

Aniline

Concen: 27.55 ng

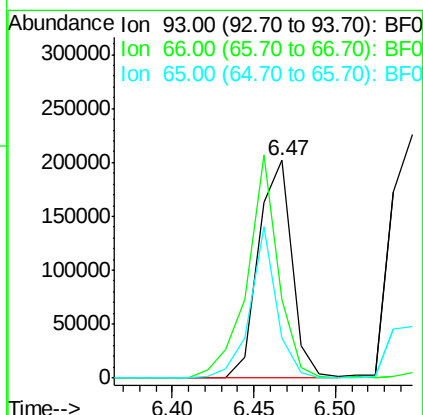
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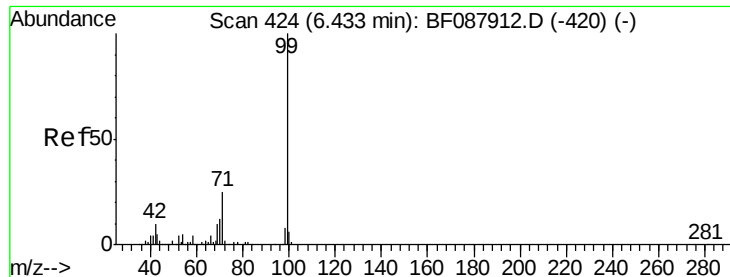
Delta R.T. -0.03 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		289155		
66	35.9	29.8	44.8		
65	18.4	14.9	22.3		





#7

Phenol-d6

Concen: 119.55 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Instrument :

BNA_F

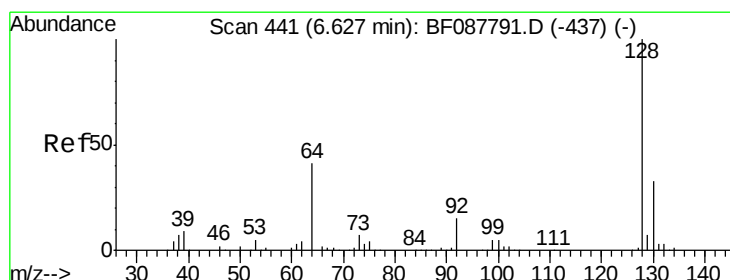
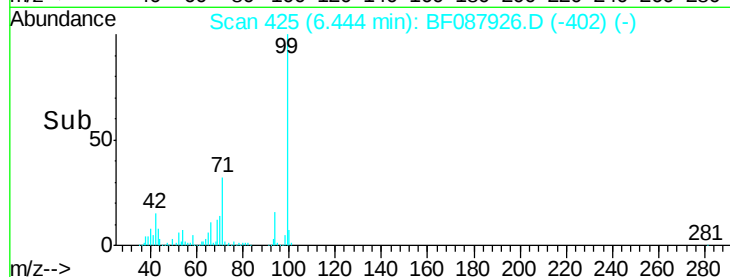
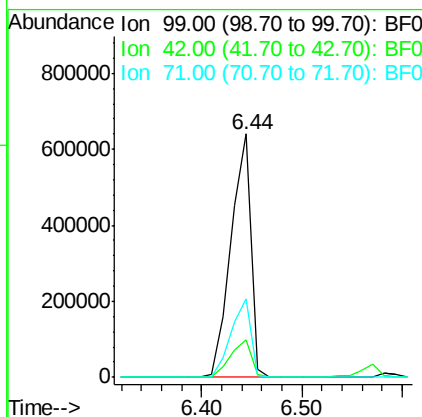
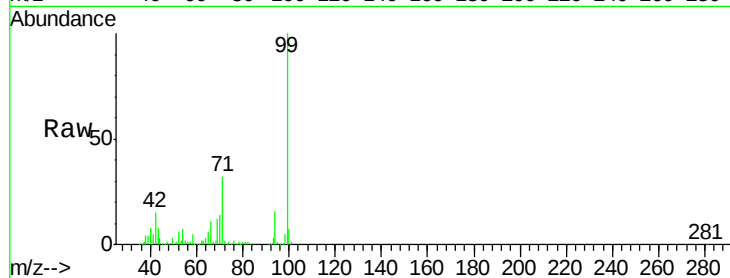
ClientSampleId :

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Tot Ion:	99	Resp:	881553
Ion Ratio	Lower	Upper	
99	100		
42	15.4	12.2	18.2
71	32.2	23.4	35.0

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#8

2-Chlorophenol

Concen: 42.40 ng

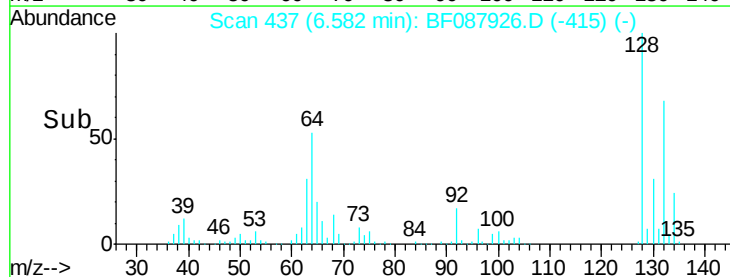
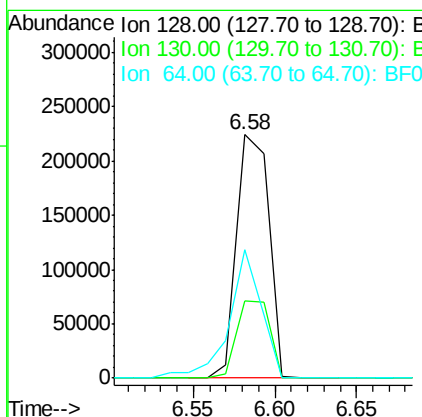
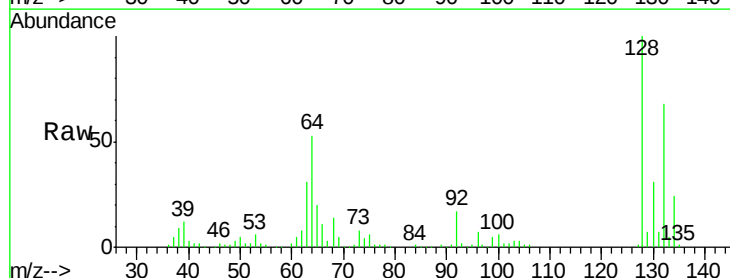
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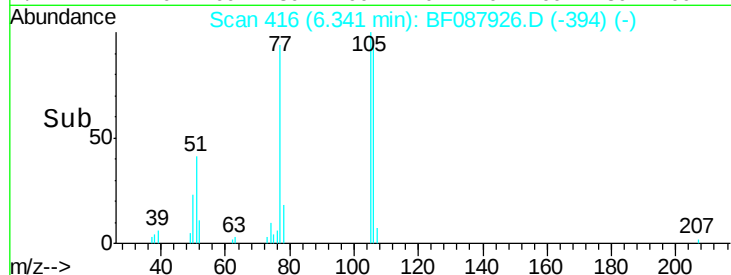
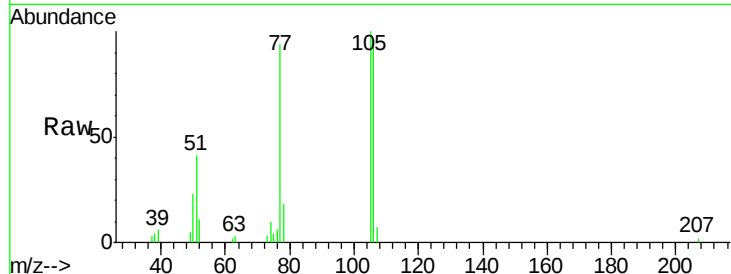
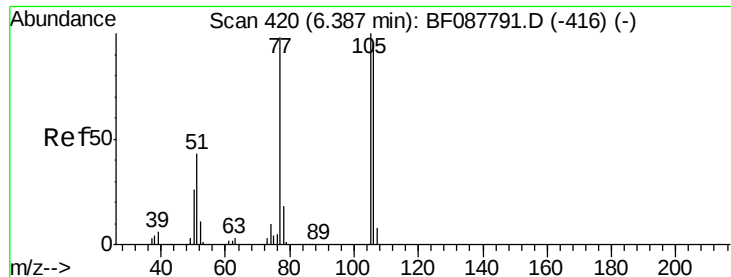
Delta R.T. -0.05 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Tgt Ion:	128	Resp:	305342
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.0	52.0
64	52.6	30.8	70.8





#9

Benzaldehyde

Concen: 2.43 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Tot Ion:	77	Resp:	12077
Ion Ratio	Lower	Upper	
77	100		
105	106.9	90.6	130.6
106	102.9	85.3	125.3

Instrument :

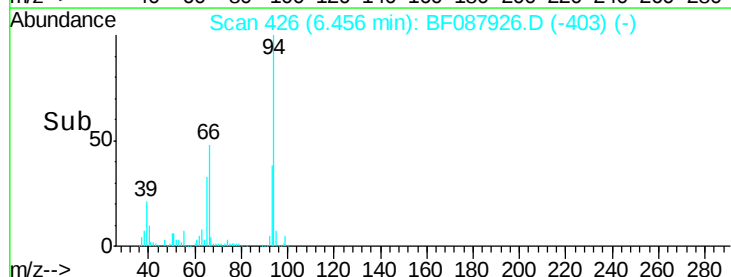
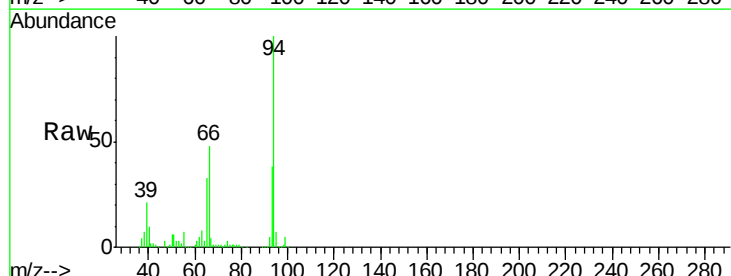
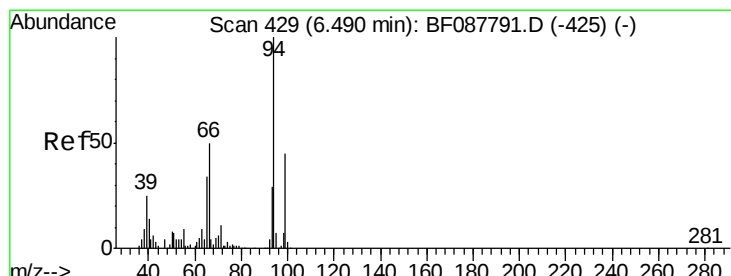
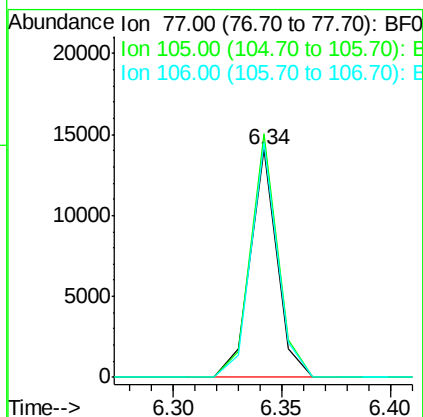
BNA_F

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#10

Phenol

Concen: 52.42 ng

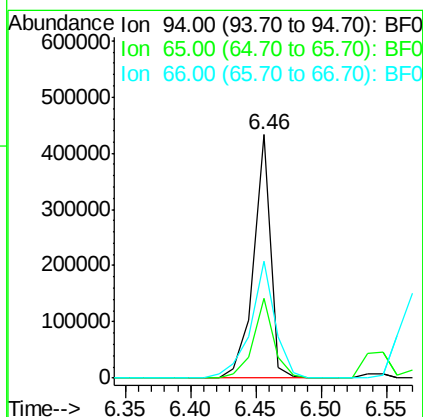
RT: 6.46 min Scan# 426

Delta R.T. -0.03 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Tgt Ion:	94	Resp:	395936
Ion Ratio	Lower	Upper	
94	100		
65	32.5	5.9	45.9
66	47.8	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 42.33 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.03 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Instrument :

BNA_F

ClientSampleId :

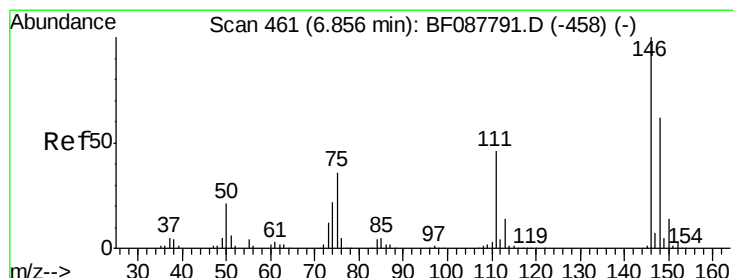
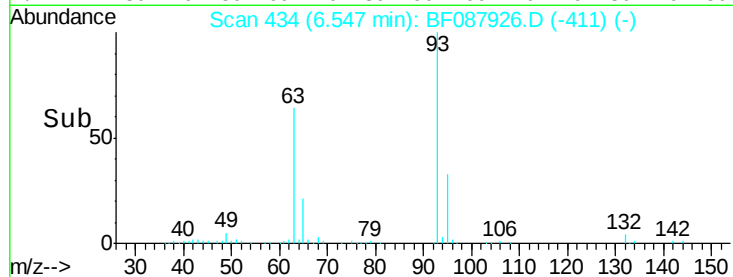
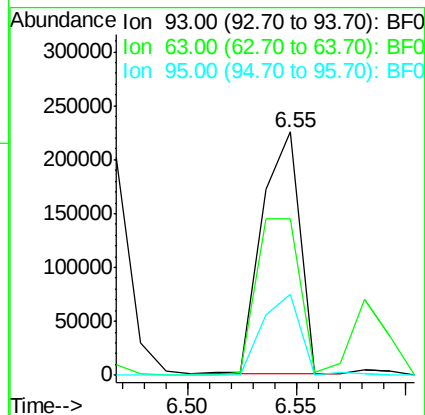
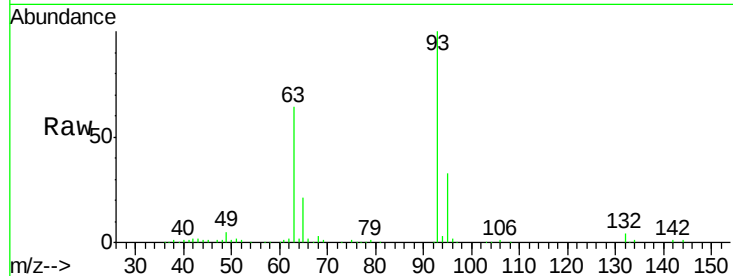
PB91213BS

Tot Ion: 93 Resp: 273665

Ion	Ratio	Lower	Upper
93	100		
63	64.1	67.6	107.6#
95	33.2	12.5	52.5

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#12

1,3-Dichlorobenzene

Concen: 40.94 ng

RT: 6.74 min Scan# 451

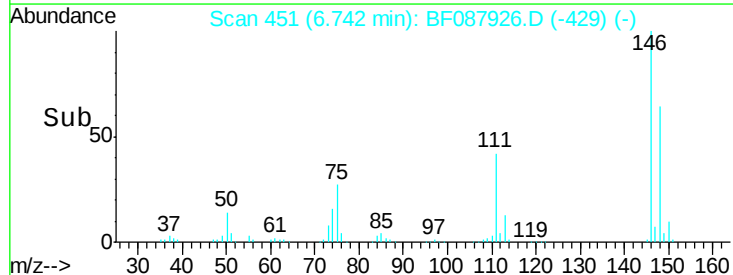
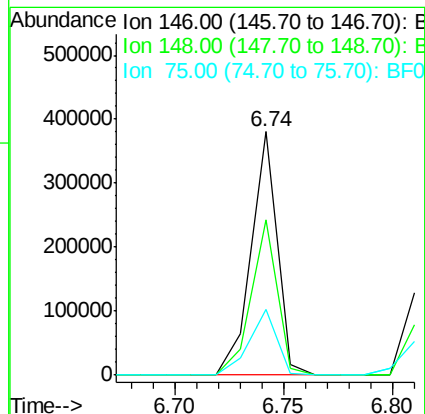
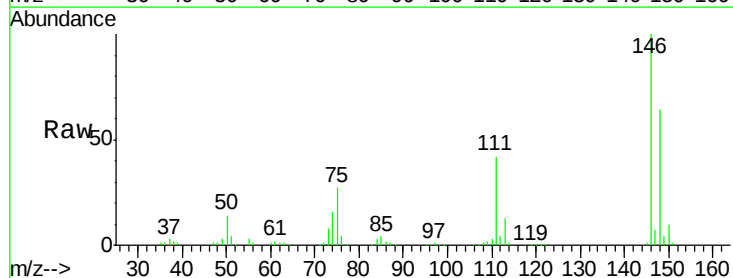
Delta R.T. -0.05 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Tgt Ion: 146 Resp: 316332

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.9	76.3
75	27.2	25.6	38.4





#13

1,4-Dichlorobenzene

Concen: 42.94 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.03 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Instrument :

BNA_F

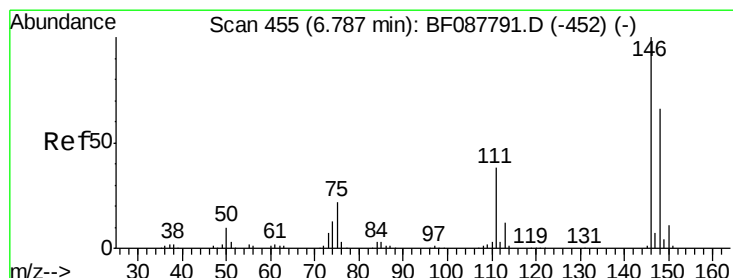
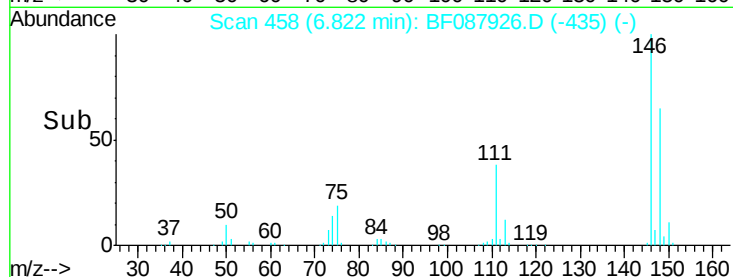
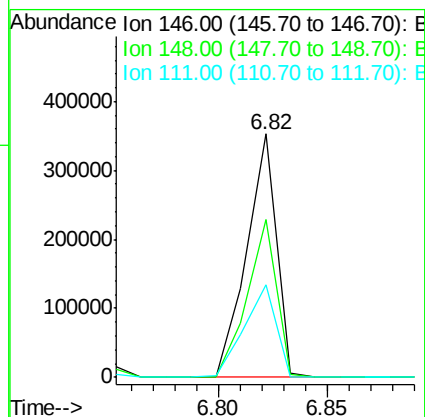
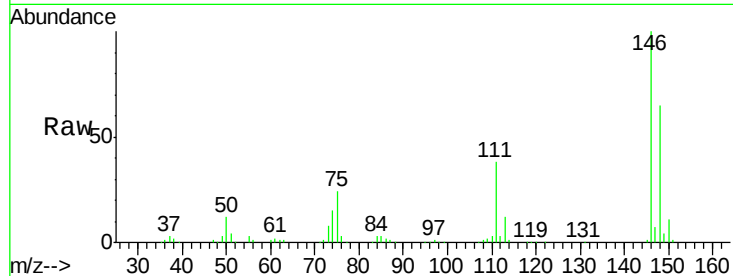
ClientSampleId :

PB91213BS

Tot Ion:	146	Resp:	334266
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.0	78.0
111	38.2	33.8	50.8

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#14

1,2-Dichlorobenzene

Concen: 40.22 ng m

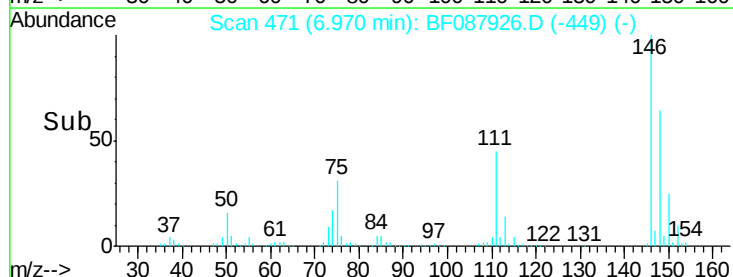
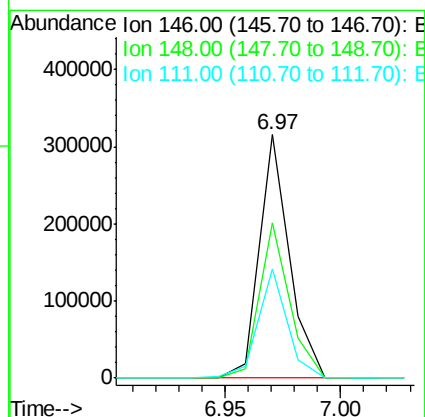
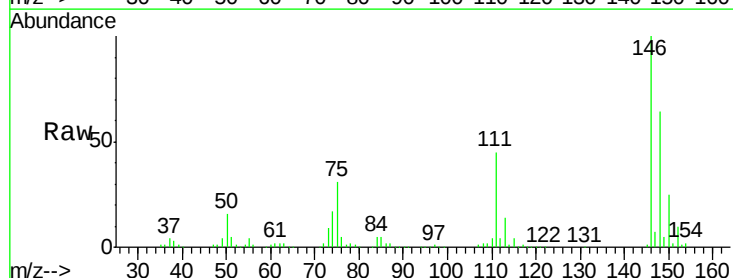
RT: 6.97 min Scan# 471

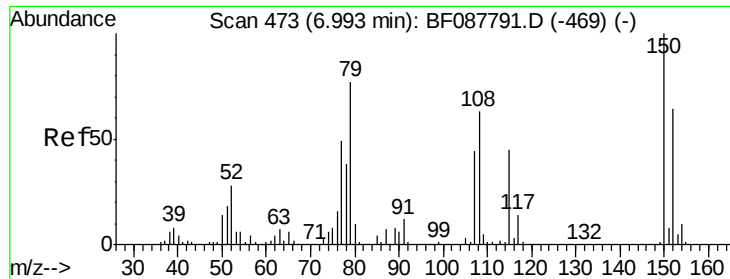
Delta R.T. -0.05 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Tgt Ion:	146	Resp:	284693
Ion Ratio	Lower	Upper	
146	100		
148	63.6	52.3	78.5
111	44.7	28.7	43.1#





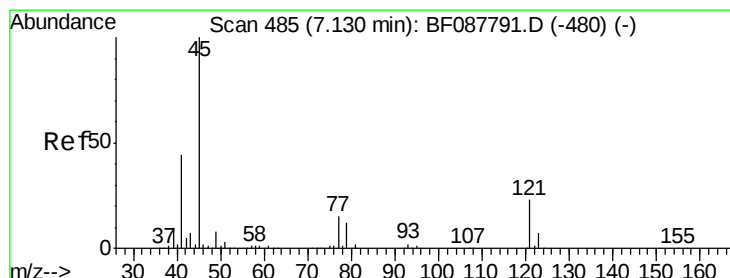
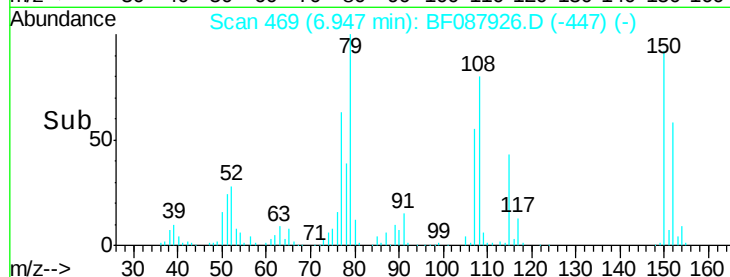
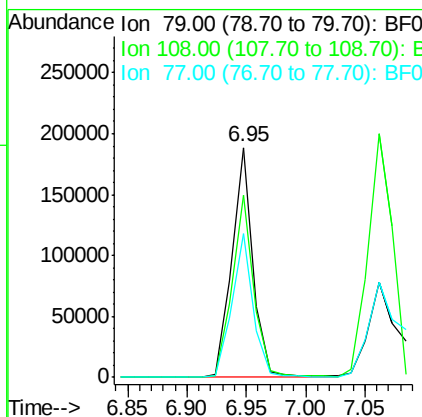
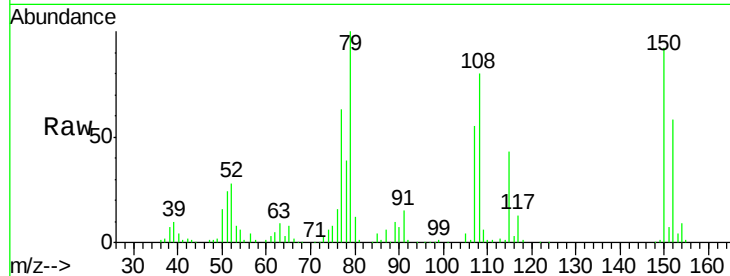
#15
Benzyl Alcohol
Concen: 40.52 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.05 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Instrument :
BNA_F
ClientSampleId :
PB91213BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.6	65.0	97.6
77	62.6	50.3	75.5

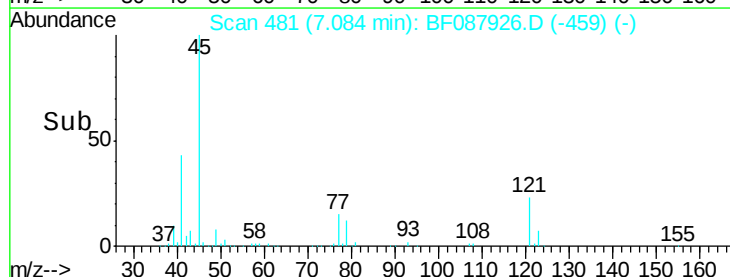
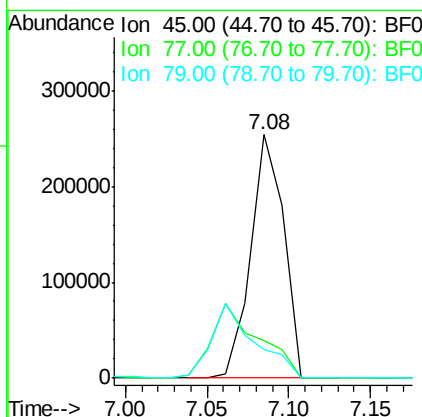
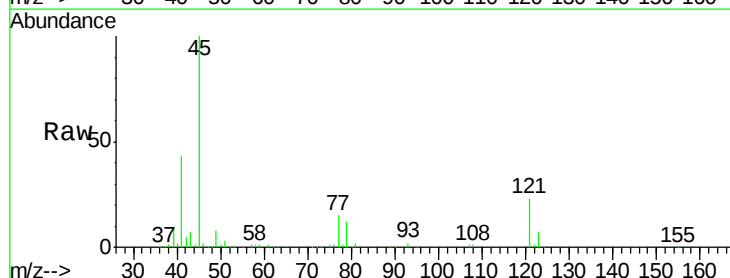
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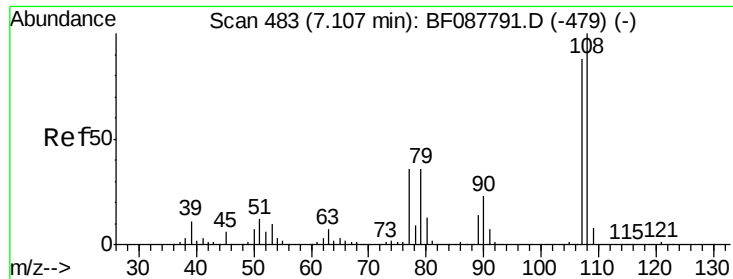
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.72 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.05 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	32.5
79	11.5	0.0	29.5





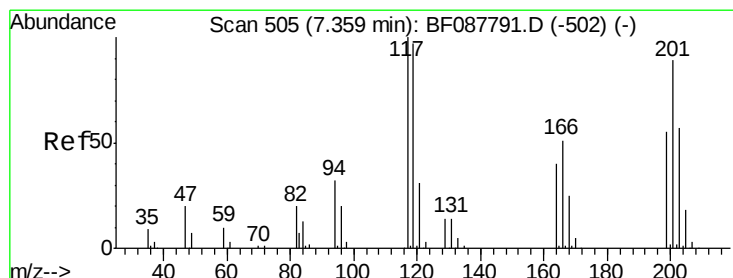
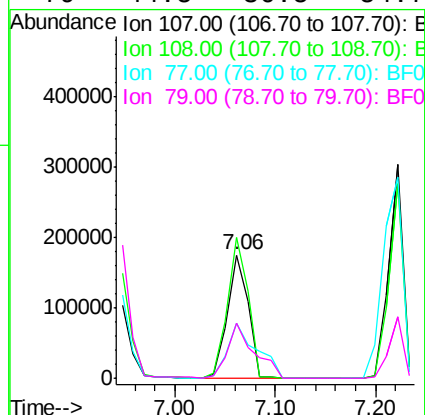
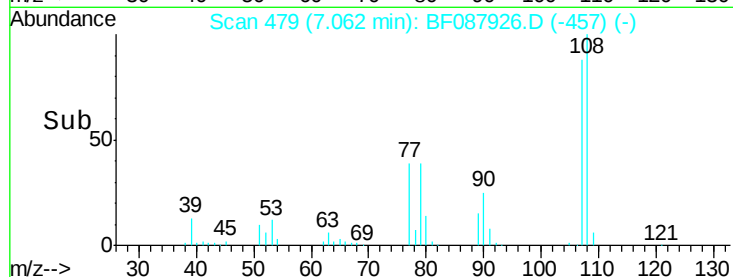
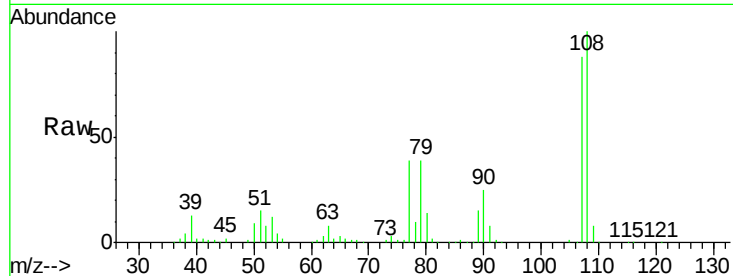
#17
2-Methylphenol
Concen: 43.03 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.05 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Instrument :
BNA_F
ClientSampleId :
PB91213BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	251299		
108	113.8	90.9	136.3	
77	44.8	36.6	55.0	
79	44.5	36.5	54.7	

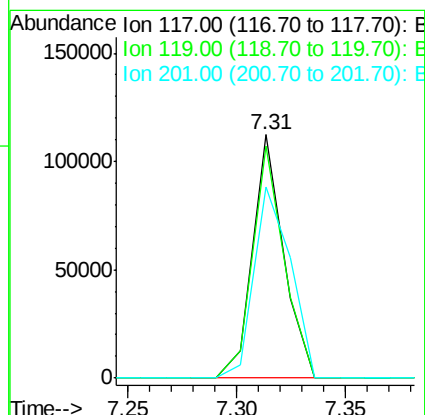
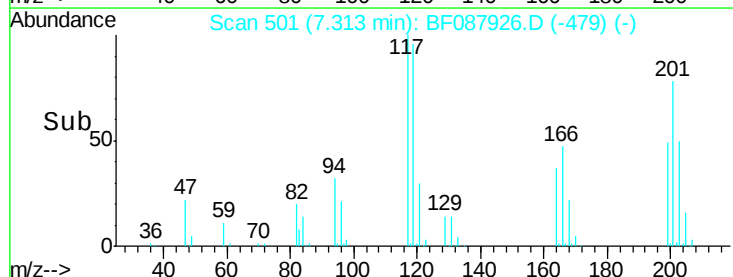
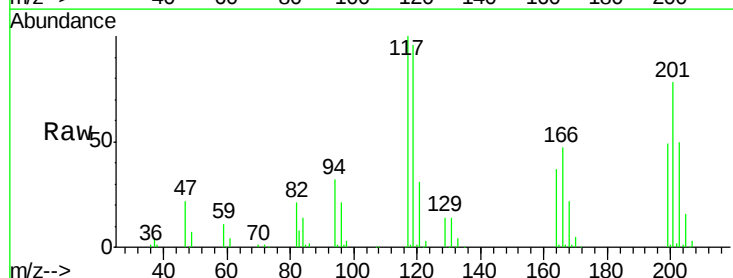
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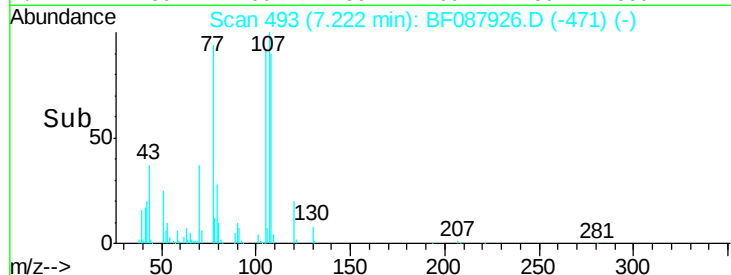
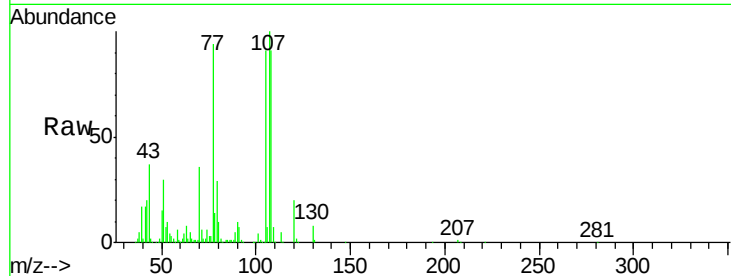
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#18
Hexachloroethane
Concen: 40.19 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.05 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	111004		
119	95.6	77.4	116.2	
201	78.3	80.4	120.6	





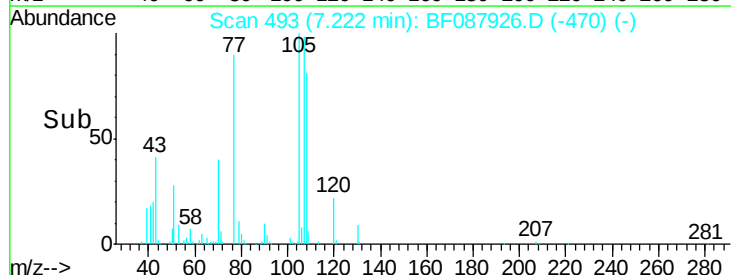
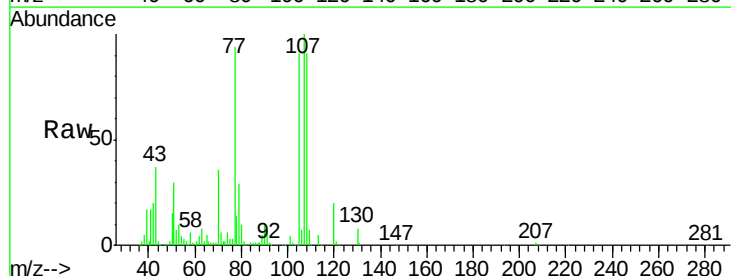
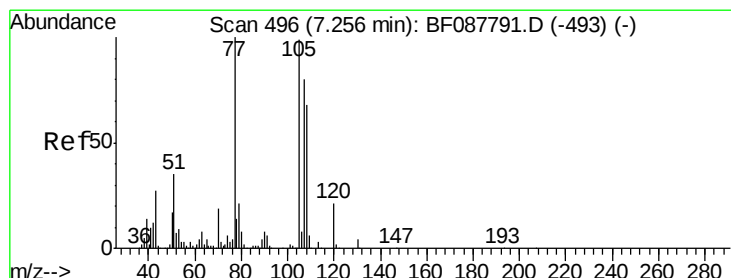
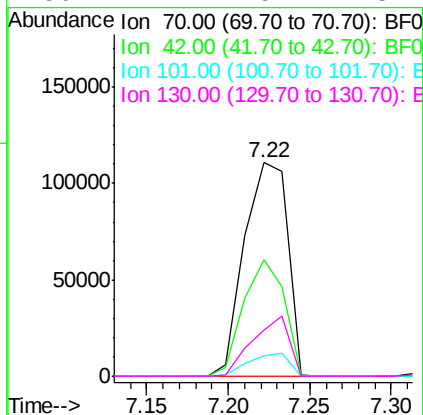
#19
n-Nitroso-di-n-propylamine
Concen: 43.07 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.05 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Instrument :
BNA_F
ClientSampleId :
PB91213BS

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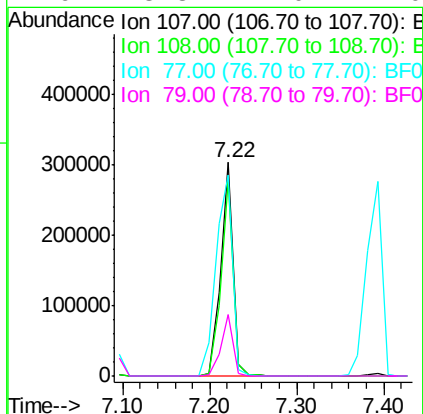
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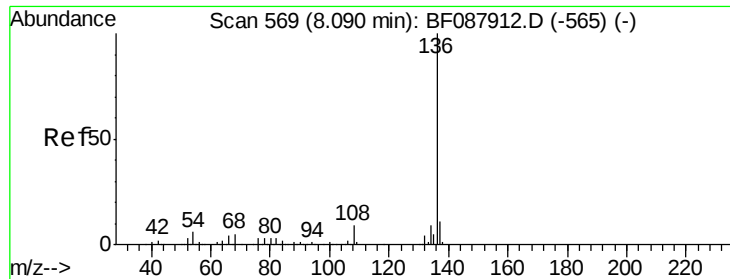
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.3	49.6	74.4	
101	9.7	7.1	10.7	
130	21.7	15.4	23.2	



#20
3+4-Methylphenols
Concen: 45.18 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.8	67.8	107.8	
77	94.0	59.3	99.3	
79	28.8	7.0	47.0	





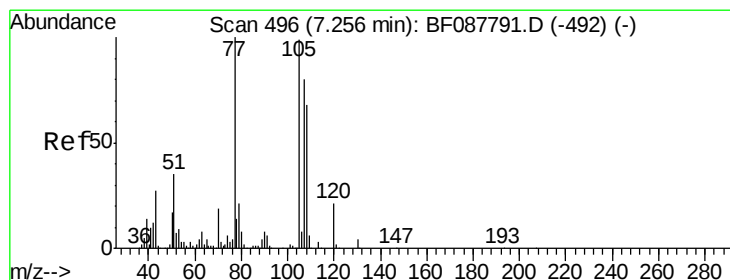
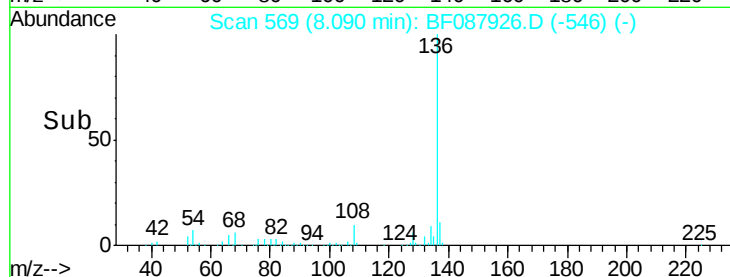
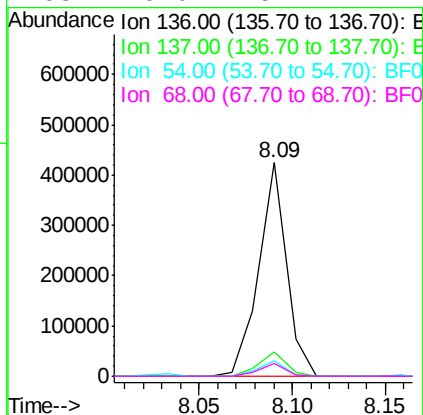
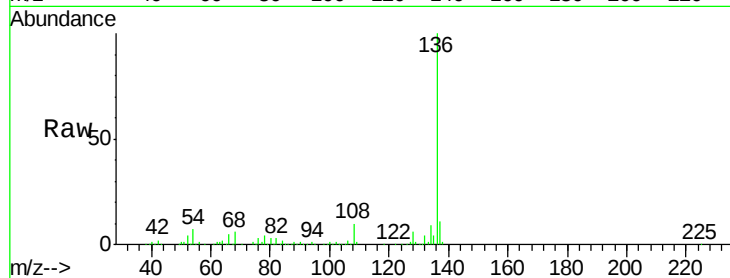
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Instrument :
BNA_F
ClientSampleId :
PB91213BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		436137		
137	11.3		9.1	13.7	
54	7.3		6.6	10.0	
68	6.0		5.1	7.7	

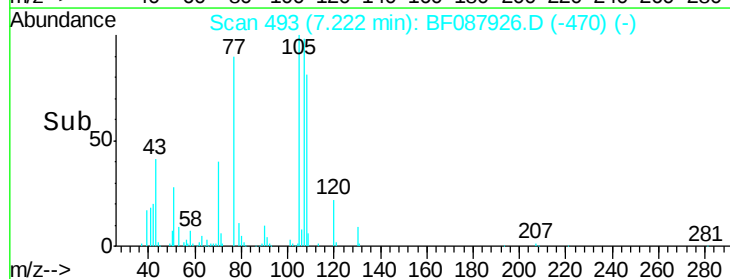
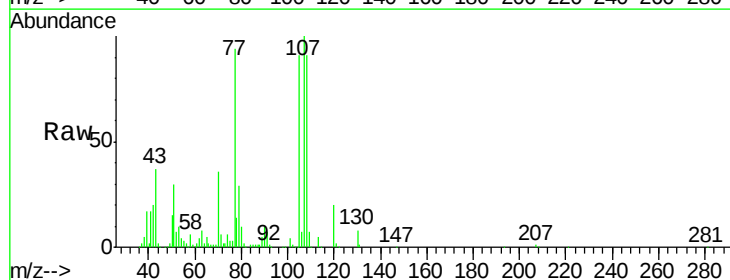
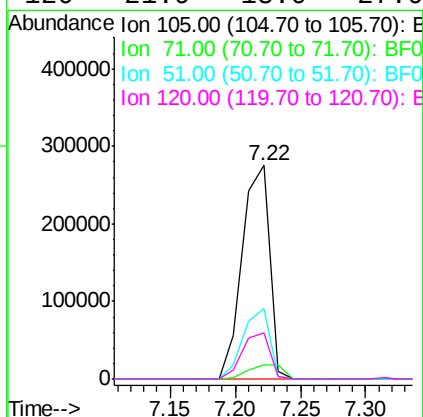
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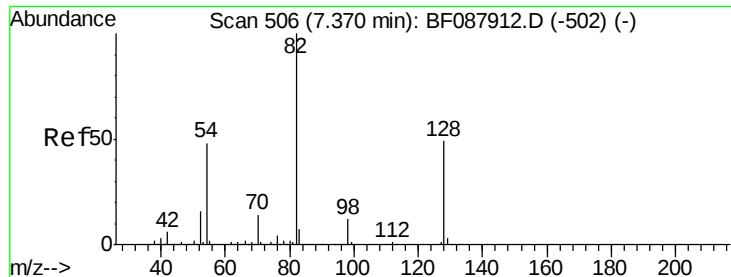
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#22
Acetophenone
Concen: 41.20 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		401538		
71	6.7		5.3	7.9	
51	32.7		18.2	27.4	
120	21.9		18.0	27.0	





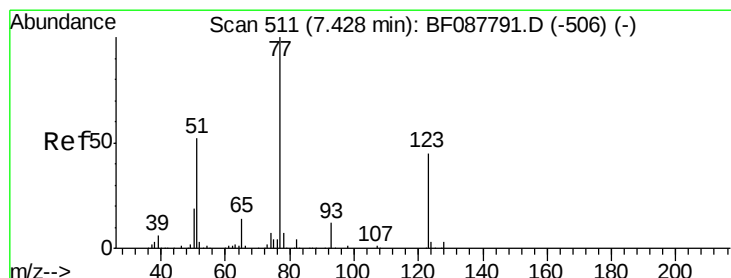
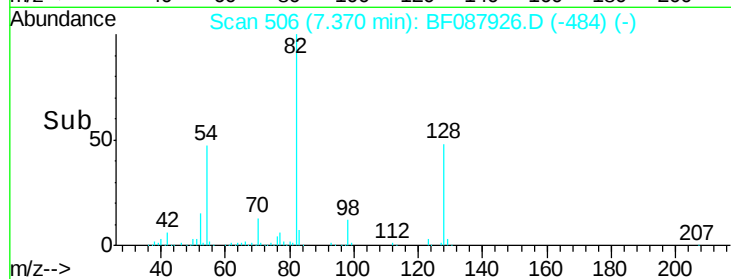
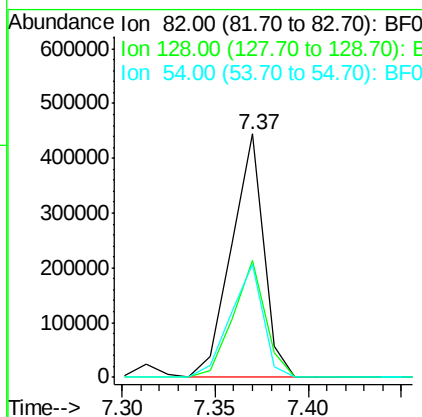
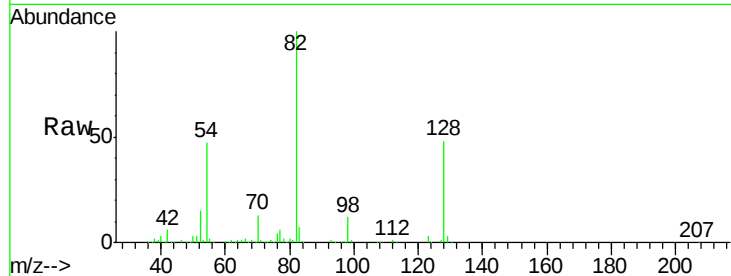
#23
 Nitrobenzene-d5
 Concen: 71.86 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91213BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.8	536706	35.9	53.9
54	46.6		40.9	61.3

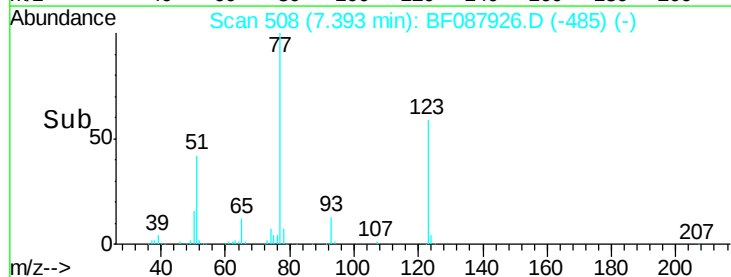
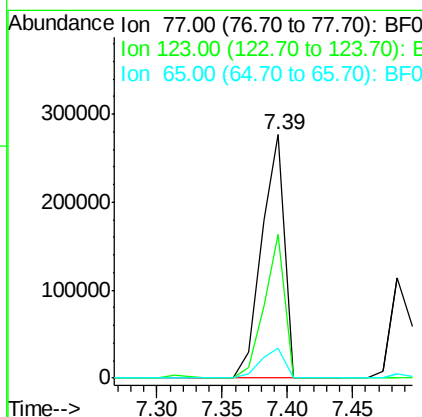
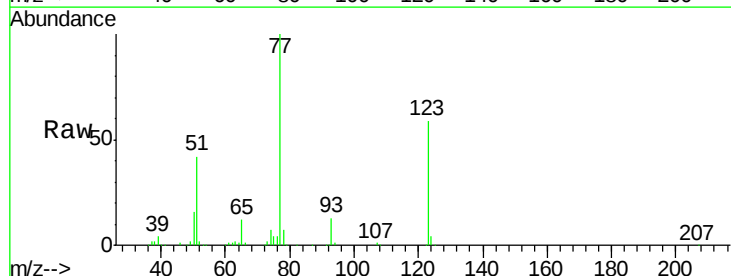
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#24
 Nitrobenzene
 Concen: 46.21 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.03 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	334283		
123	59.1		45.0	67.4
65	12.4		10.2	15.2





#25

Isophorone

Concen: 41.91 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.05 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Instrument :

BNA_F

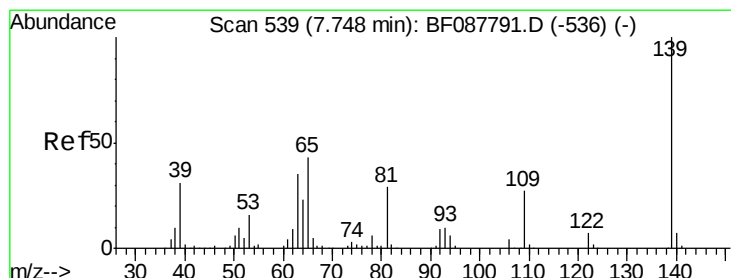
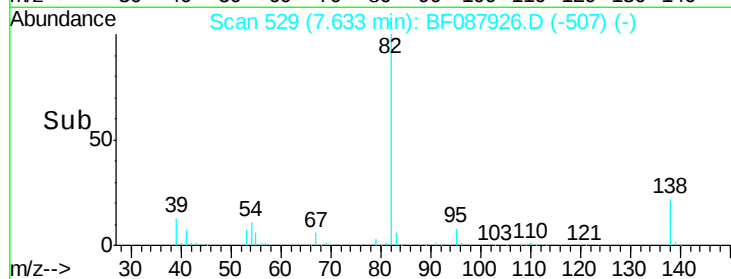
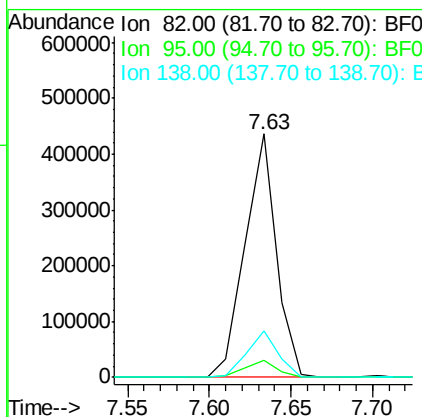
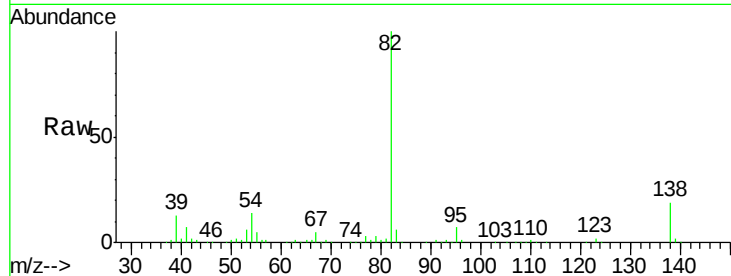
ClientSampleID :

PB91213BS

Tot Ion:	82	Resp:	579777
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.4	8.2
138	19.1	14.6	21.8

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#26

2-Nitrophenol

Concen: 43.18 ng

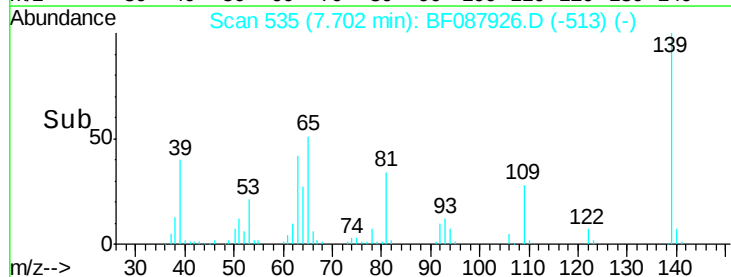
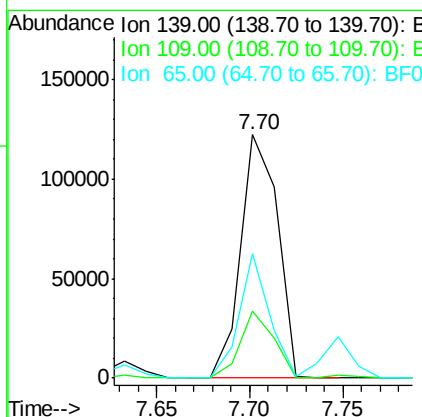
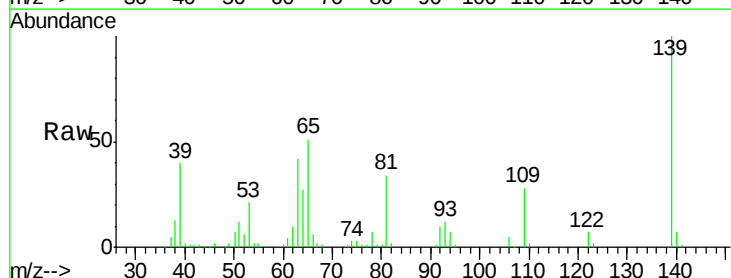
RT: 7.70 min Scan# 535

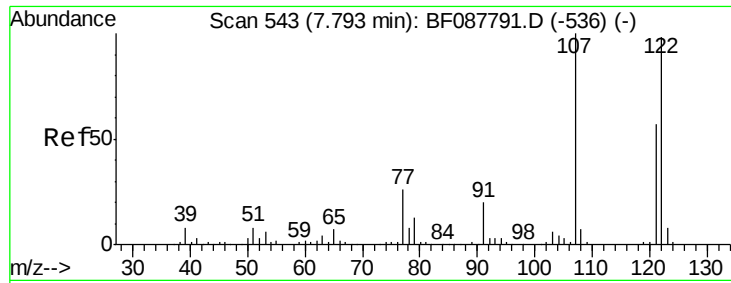
Delta R.T. -0.05 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Tgt Ion:	139	Resp:	167359
Ion Ratio		Lower	Upper
139	100		
109	27.7	23.0	34.4
65	50.9	45.8	68.8





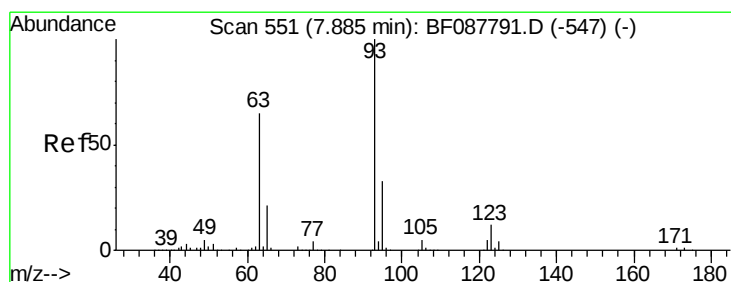
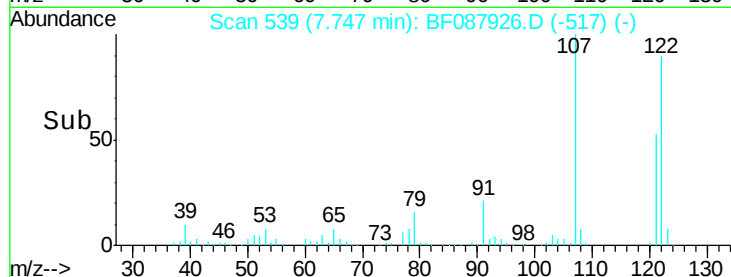
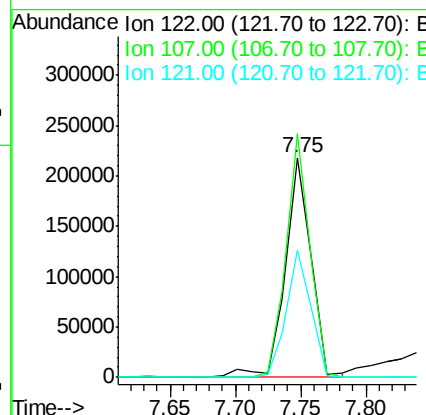
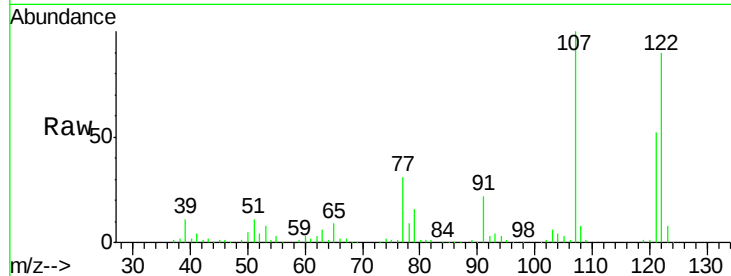
#27
2,4-Dimethylphenol
Concen: 41.51 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.05 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Instrument :
BNA_F
ClientSampleId :
PB91213BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	296218		
107	110.9	82.4	123.6	
121	58.2	46.3	69.5	

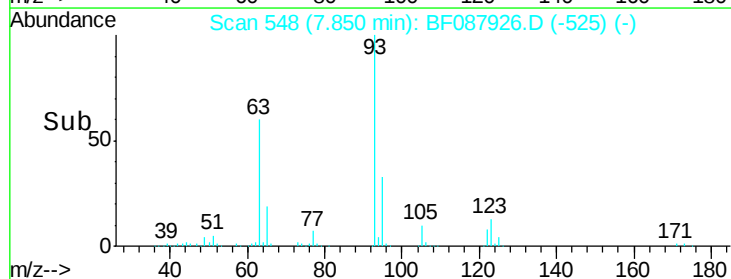
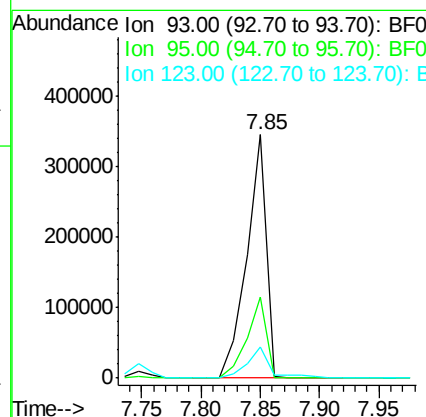
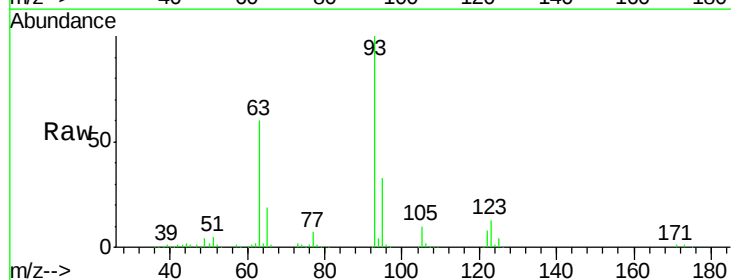
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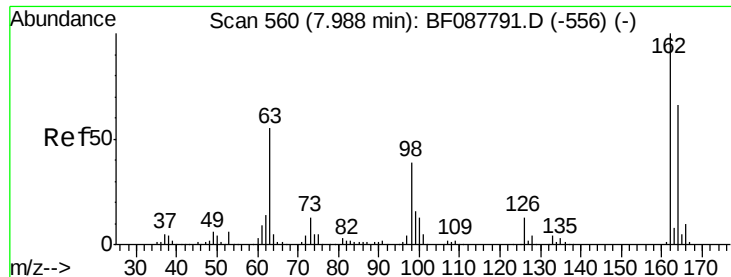
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#28
bis(2-Chloroethoxy)methane
Concen: 46.35 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	397739		
95	33.2	26.5	39.7	
123	12.6	11.6	17.4	





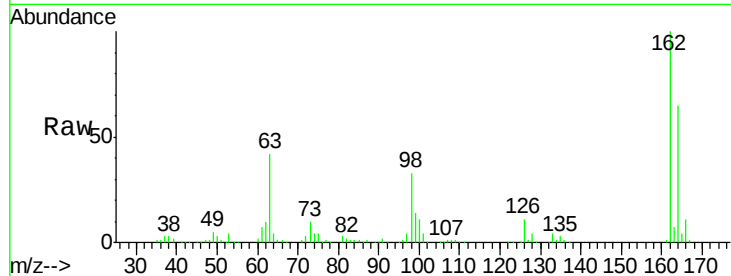
#29
2,4-Dichlorophenol
Concen: 49.27 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Instrument :
BNA_F
ClientSampleId :
PB91213BS

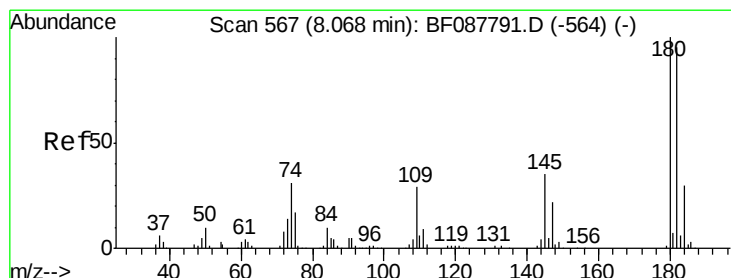
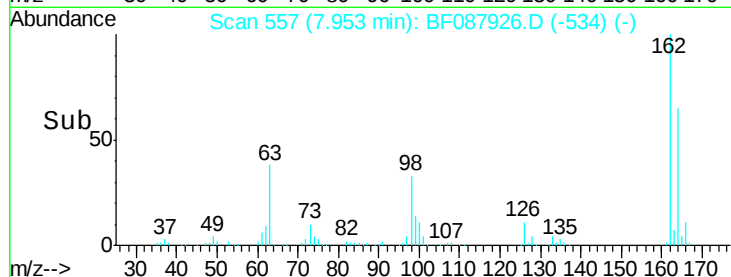
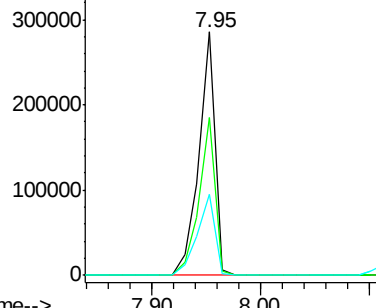
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.9	43.8	83.8
98	33.1	21.3	61.3

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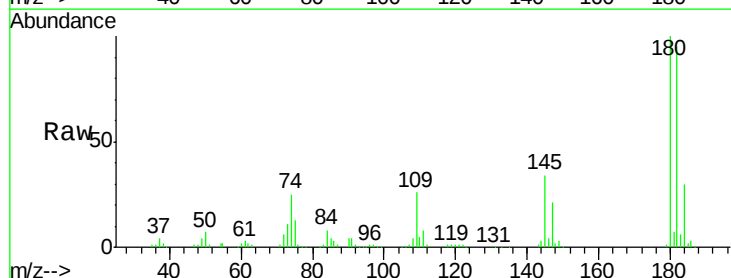


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

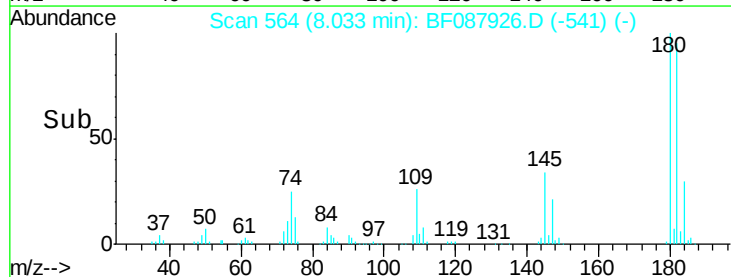
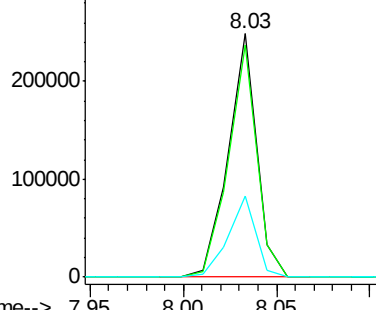


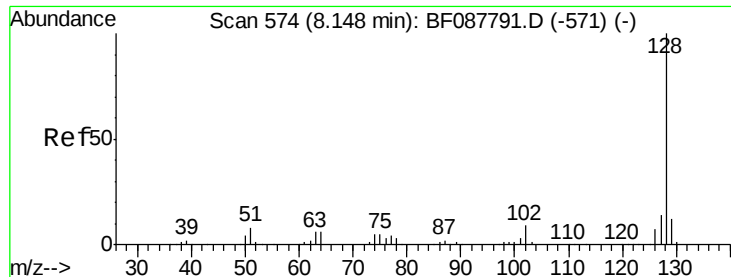
#30
1,2,4-Trichlorobenzene
Concen: 40.30 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.2	76.0	114.0
145	33.5	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: 42.66 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.03 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Instrument :

BNA_F

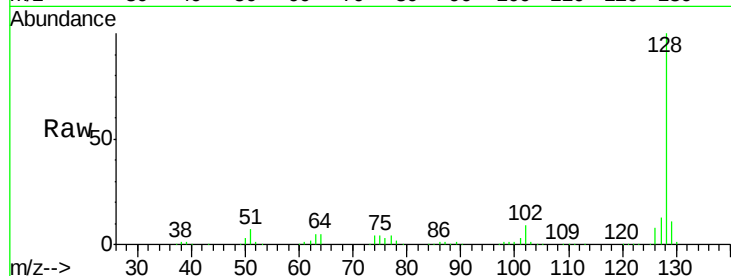
ClientSampleId :

PB91213BS

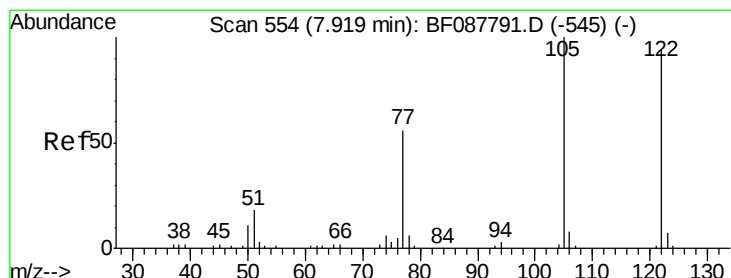
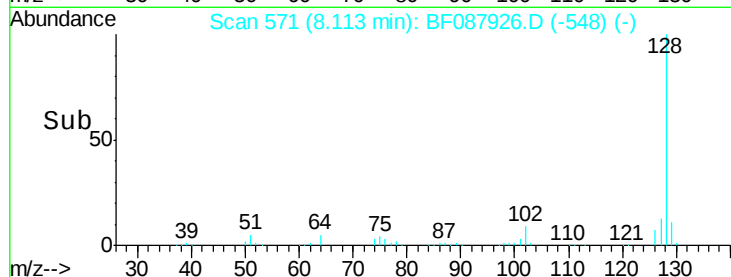
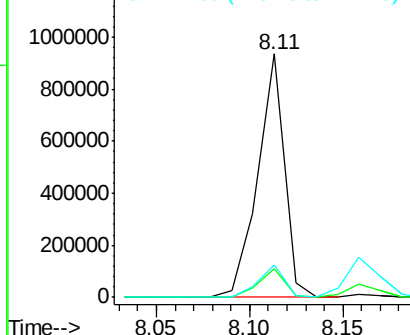
Tot Ion:	128	Resp:	920772
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.4	14.2
127	13.4	10.9	16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.25 ng

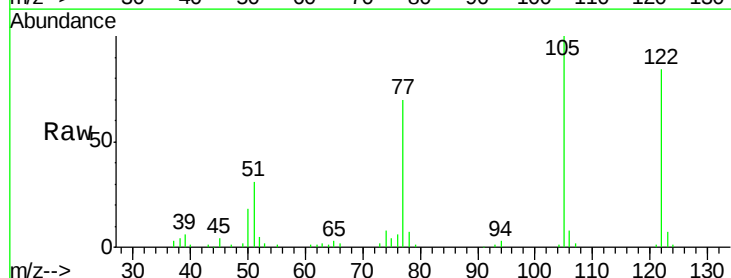
RT: 7.88 min Scan# 551

Delta R.T. -0.03 min

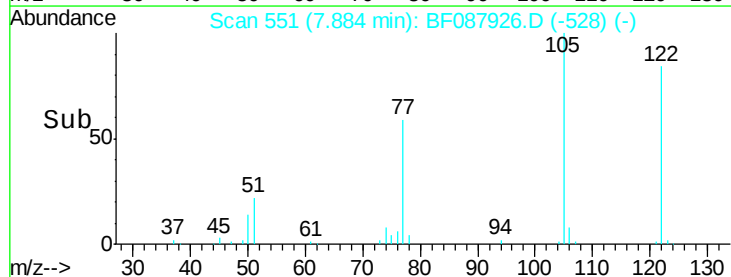
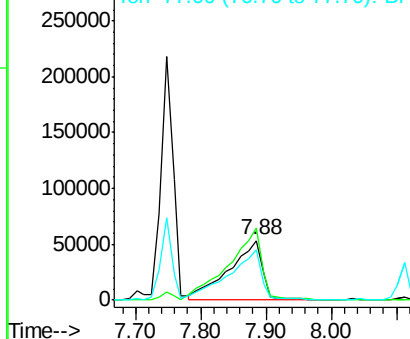
Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Tgt Ion:	122	Resp:	189571
Ion Ratio	Lower	Upper	
122	100		
105	119.7	101.6	141.6
77	84.3	70.6	110.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





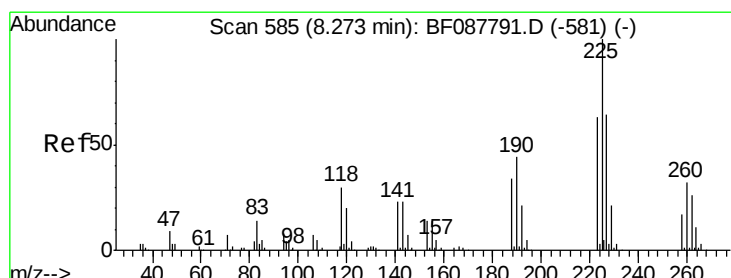
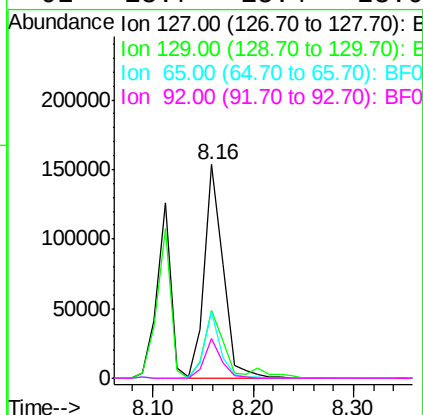
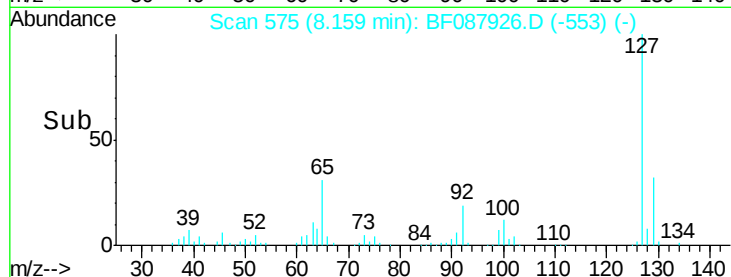
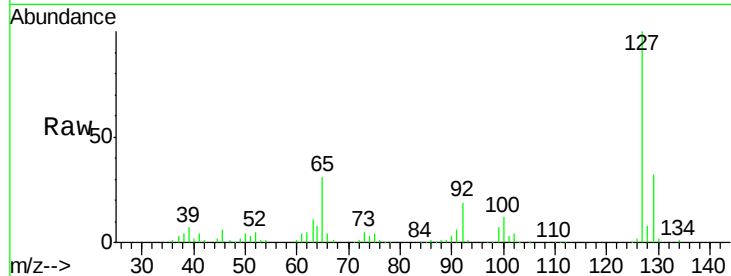
#33
4-Chloroaniline
Concen: 20.62 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.05 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Instrument :
BNA_F
ClientSampleId :
PB91213BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	26.3	39.5		
65	31.3	24.7	37.1		
92	18.7	15.4	23.0		

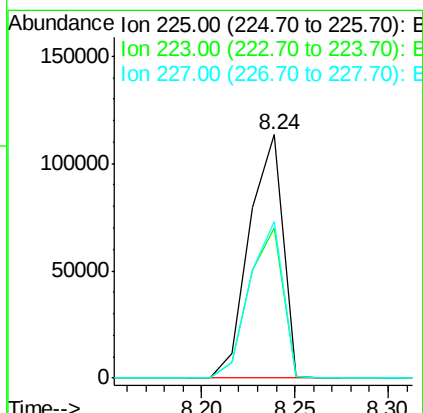
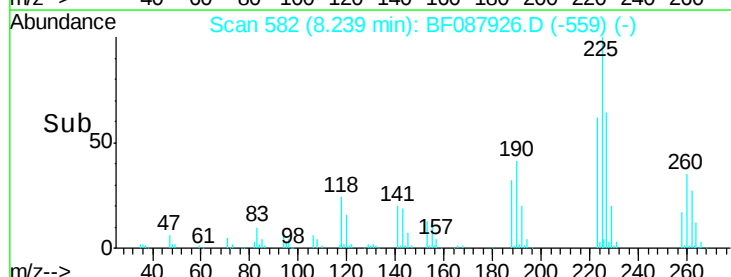
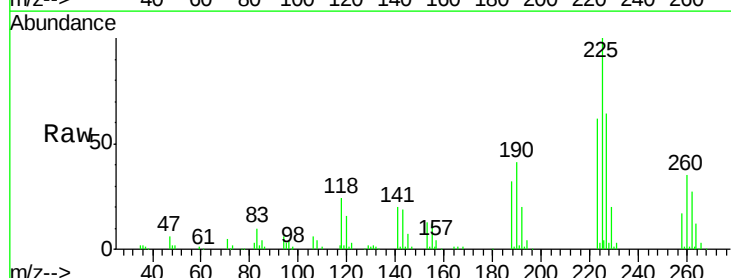
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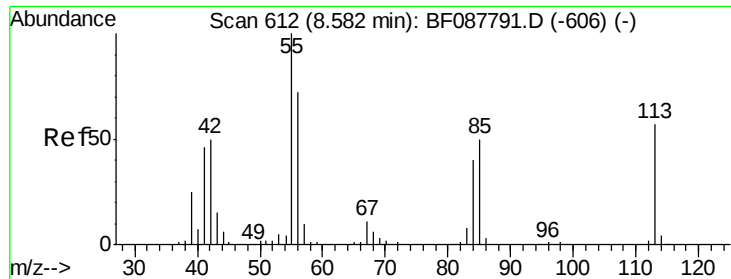
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#34
Hexachlorobutadiene
Concen: 41.22 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7	50.9	76.3		
227	64.5	51.9	77.9		





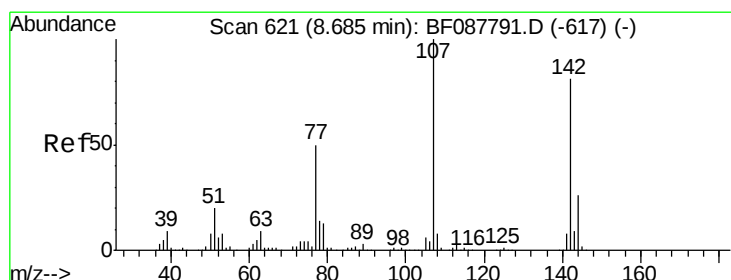
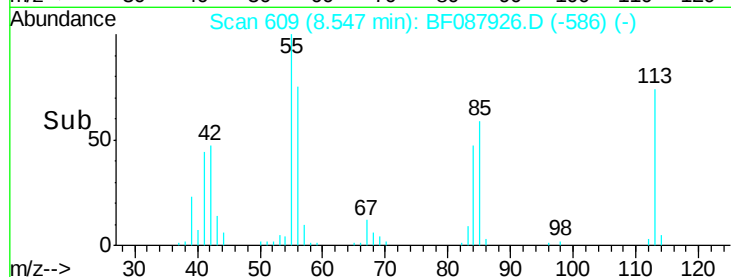
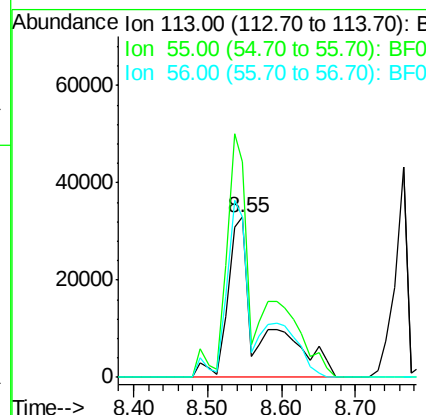
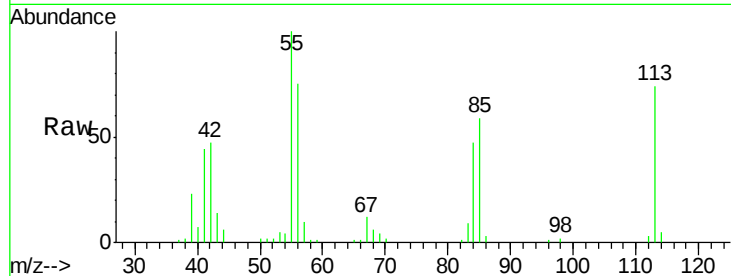
#35
 Caprolactam
 Concen: 51.48 ng/ml
 RT: 8.55 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

Instrument :
 BNA_F
 ClientSampleID :
 PB91213BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	134.5	158.6	198.6#
56	100.6	110.6	150.6#

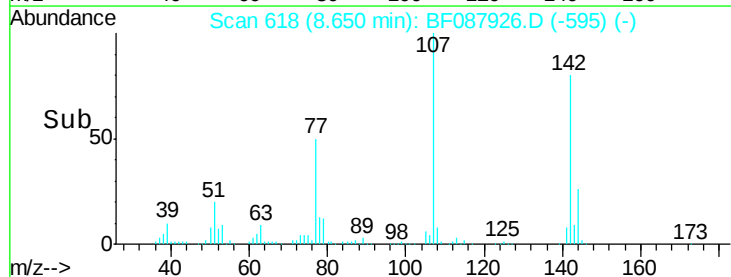
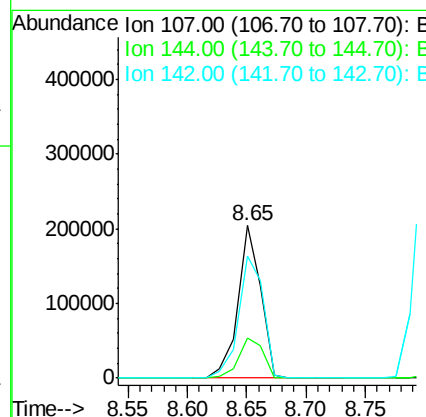
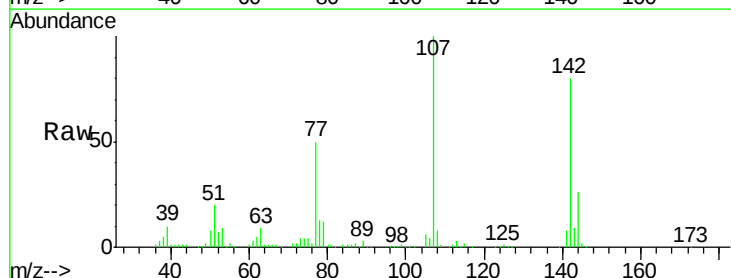
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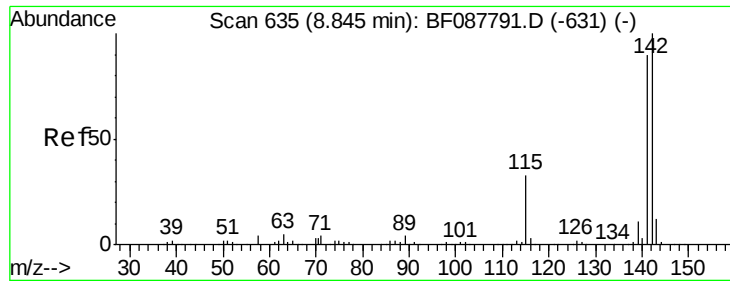
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#36
 4-Chloro-3-methylphenol
 Concen: 42.81 ng/ml
 RT: 8.65 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.8	31.2
142	80.5	63.4	95.2





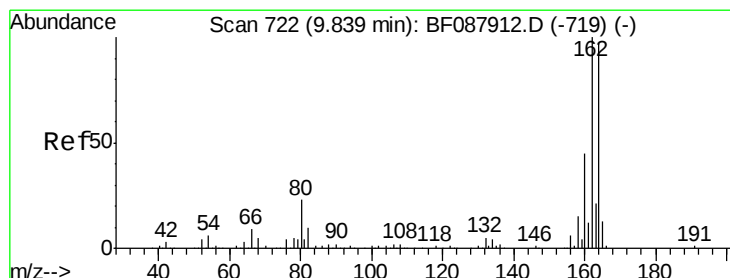
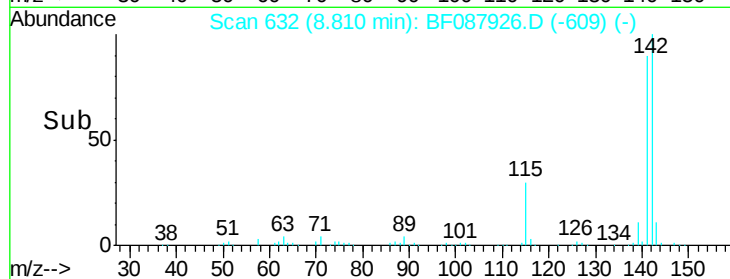
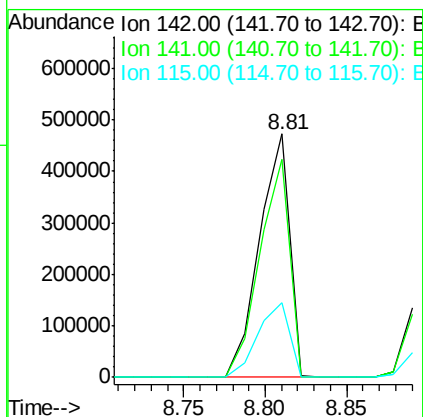
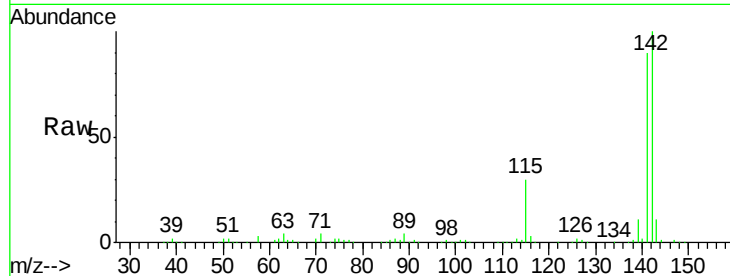
#37
2-Methylnaphthalene
Concen: 42.89 ng
RT: 8.81 min Scan# 632
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Instrument :
BNA_F
ClientSampleId :
PB91213BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.0	106.6
115	30.5	22.6	33.8

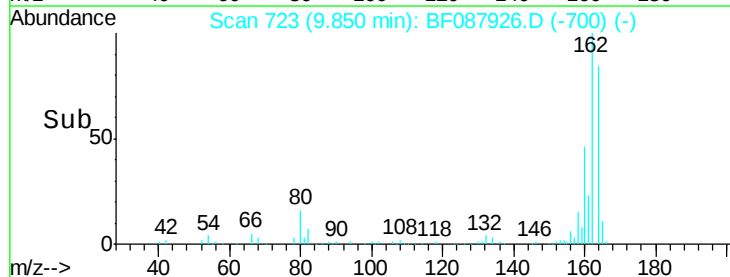
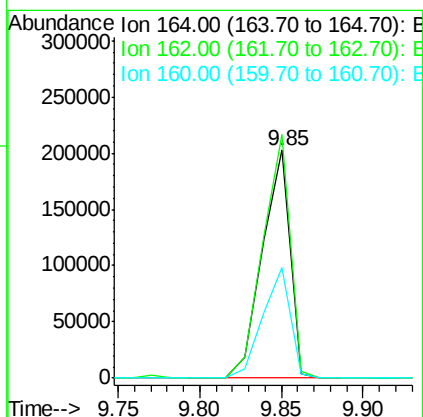
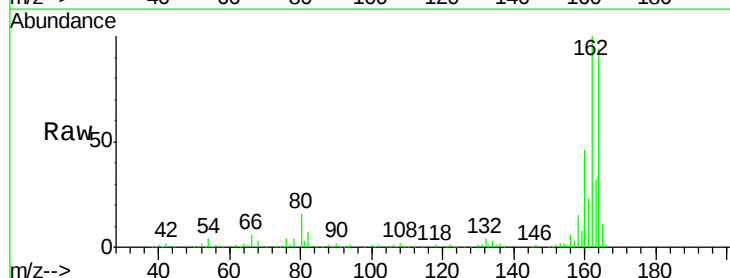
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.9	85.4	128.2
160	48.7	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.74 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Instrument :

BNA_F

ClientSampleId :

PB91213BS

Tot Ion:216 Resp: 233026
Ion Ratio Lower Upper

216 100

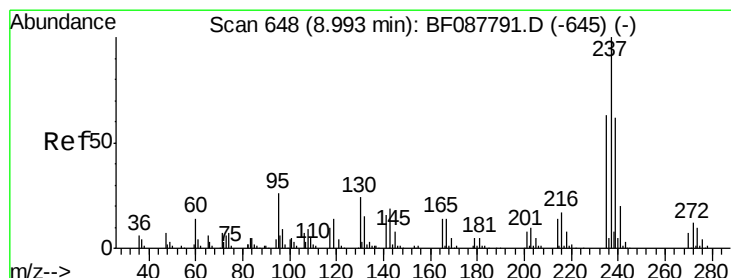
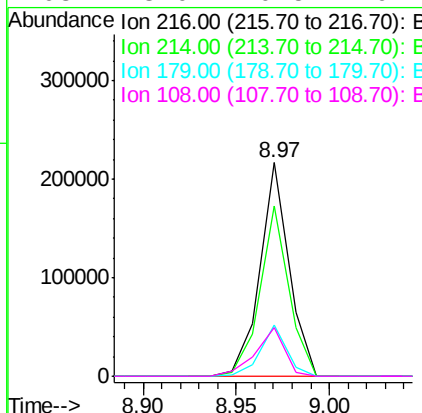
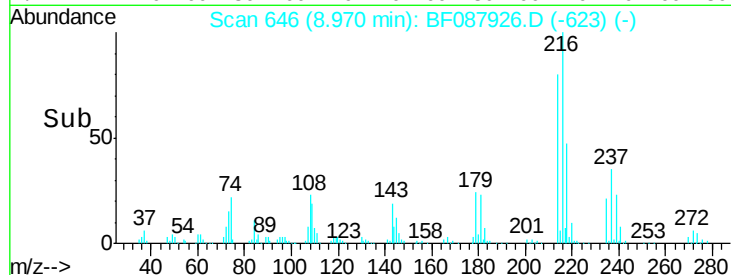
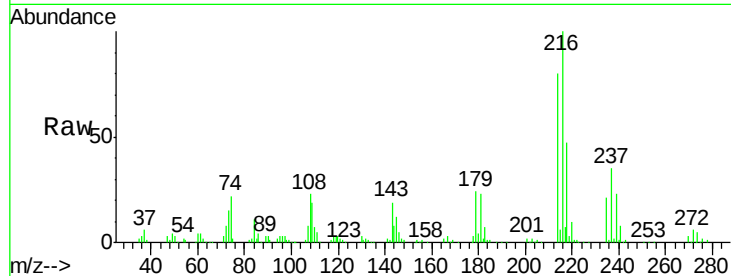
214 78.8 2.9 4.3#

179 22.1 0.0 0.0#

108 23.0 0.5 0.7#

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#40

Hexachlorocyclopentadiene

Concen: 64.91 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.03 min

Lab File: BF087926.D

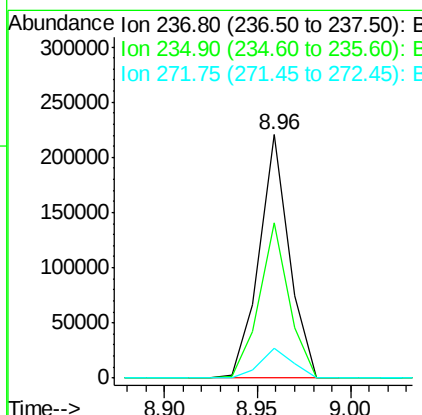
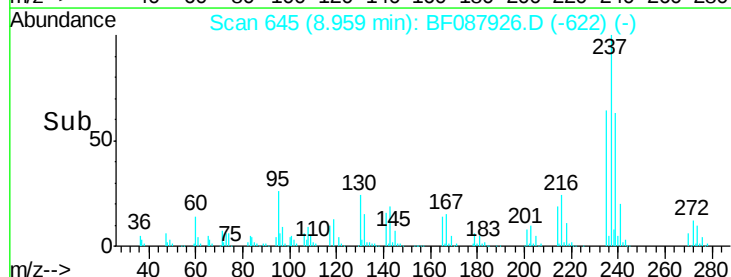
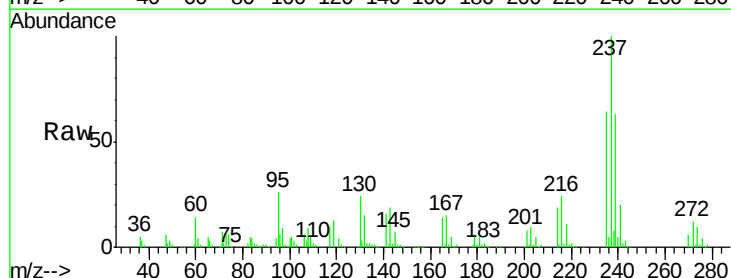
Acq: 12 Jun 2016 3:53

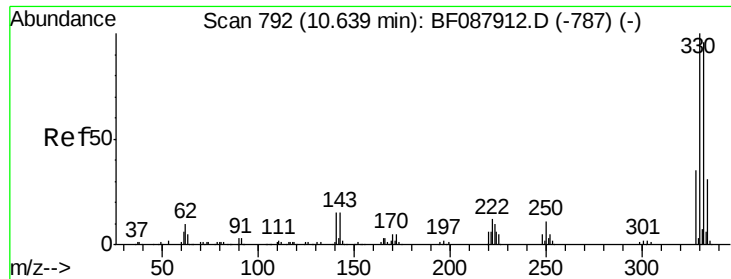
Tgt Ion:237 Resp: 250157
Ion Ratio Lower Upper

237 100

235 63.6 43.4 83.4

272 12.1 0.0 32.3





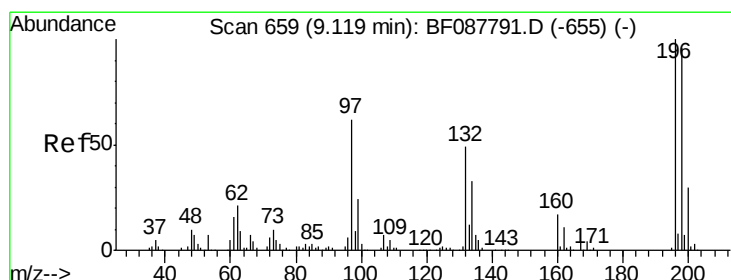
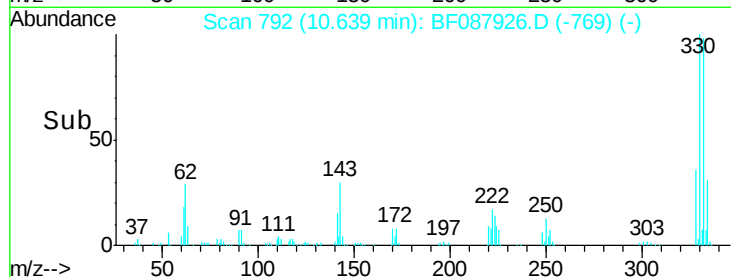
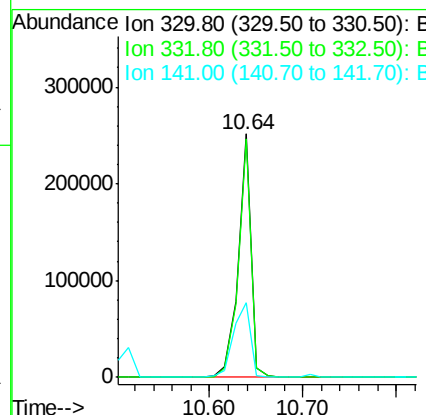
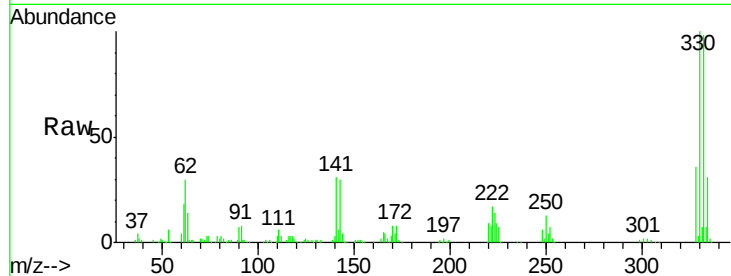
#41
 2,4,6-Tribromophenol
 Concen: 96.77 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91213BS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	40.4	0.0	0.0#

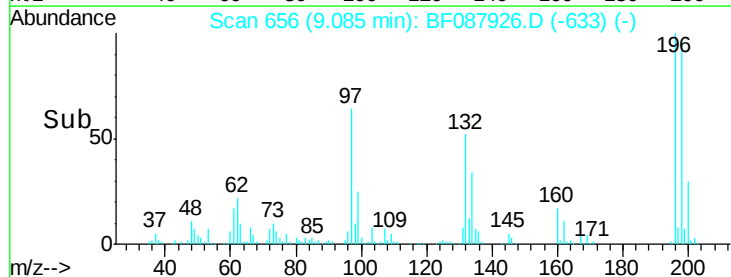
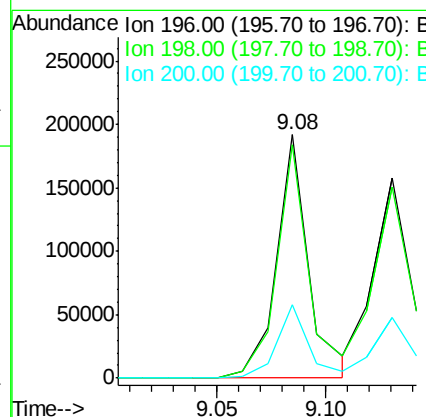
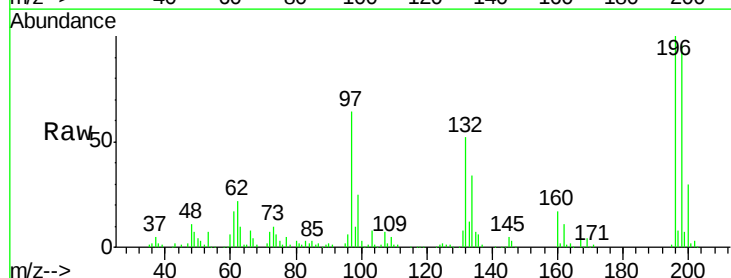
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#42
 2,4,6-Trichlorophenol
 Concen: 41.46 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

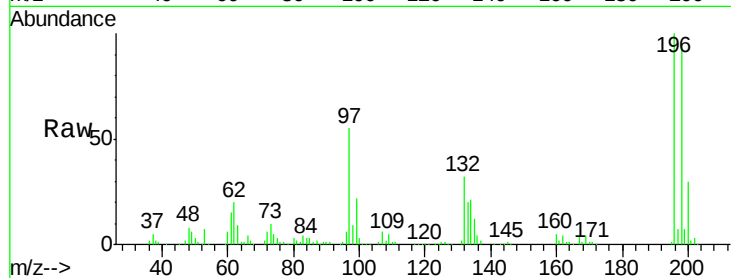
Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	96.1	78.0	117.0
200	30.1	25.4	38.2





#43
 2,4,5-Trichlorophenol
 Concen: 37.64 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.03 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

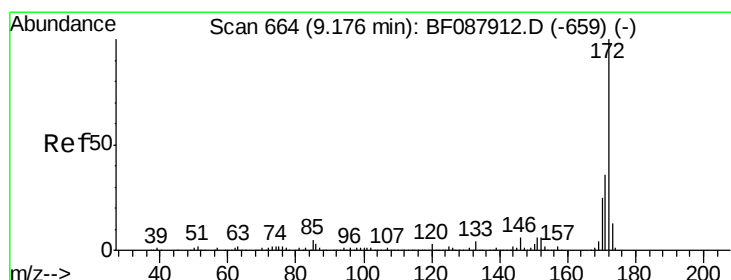
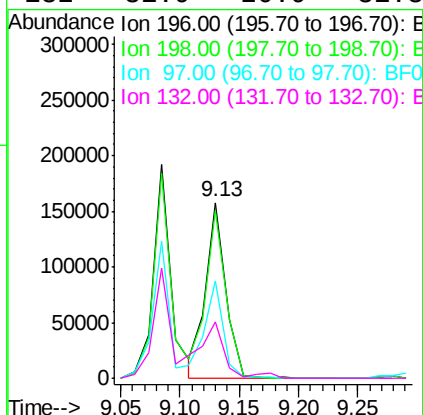
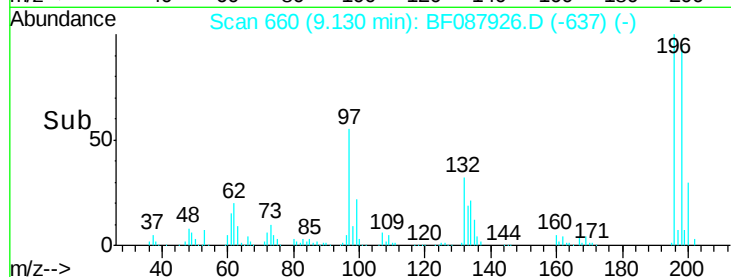
Instrument :
 BNA_F
 ClientSampleId :
 PB91213BS



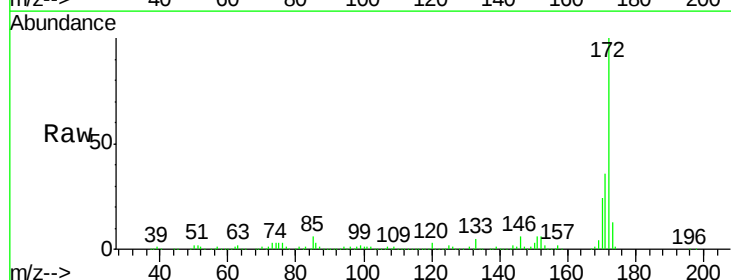
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		187121		
198	95.4	77.5	116.3		
97	55.5	32.0	48.0#		
132	31.9	20.9	31.3#		

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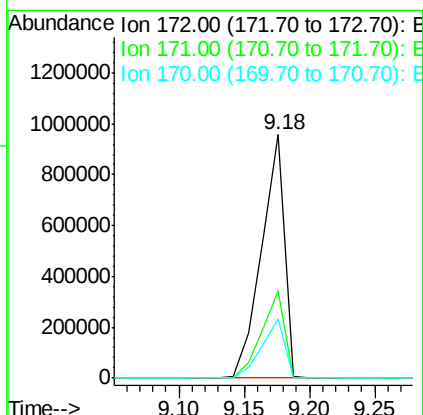
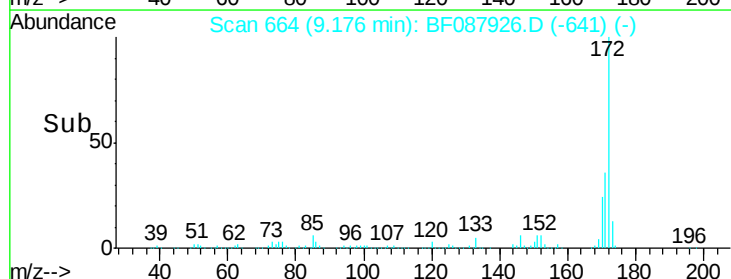
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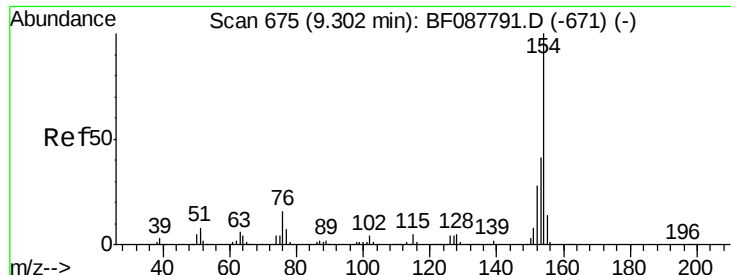


#44
 2-Fluorobiphenyl
 Concen: 77.16 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1181355		
171	35.9	28.6	43.0		
170	24.3	19.2	28.8		





#45

1,1'-Biphenyl

Concen: 42.43 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Instrument :

BNA_F

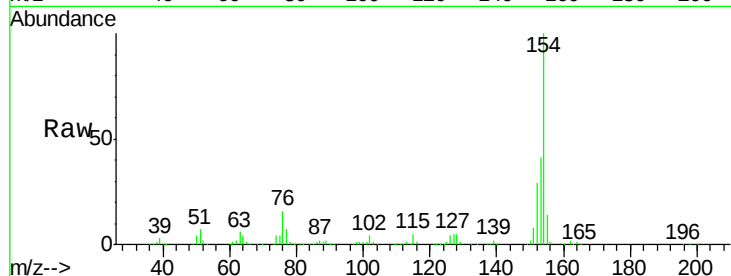
ClientSampleId :

PB91213BS

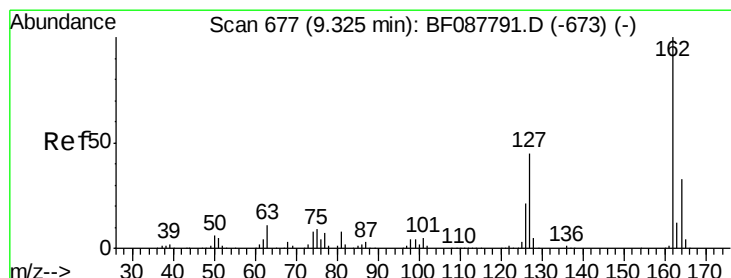
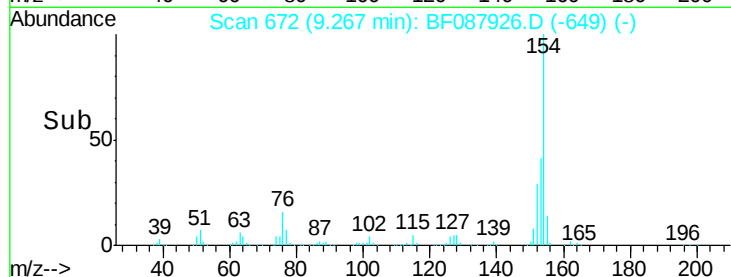
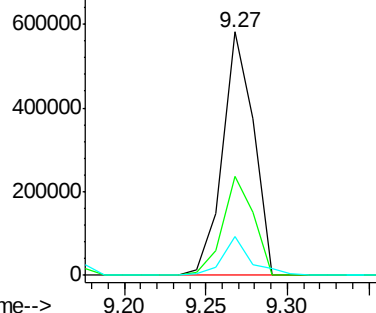
Tot Ion:	154	Resp:	767382
Ion Ratio	Lower	Upper	
154	100		
153	40.6	20.6	60.6
76	15.7	0.0	35.1

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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: 39.57 ng

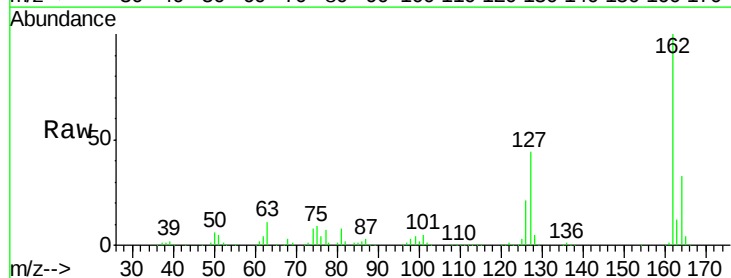
RT: 9.29 min Scan# 674

Delta R.T. -0.03 min

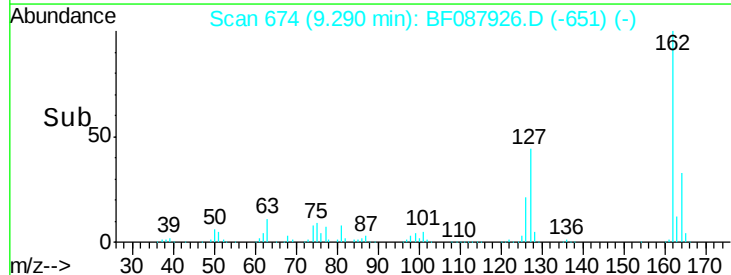
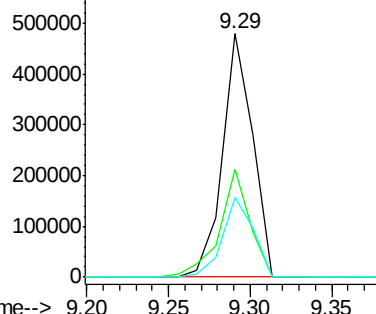
Lab File: BF087926.D

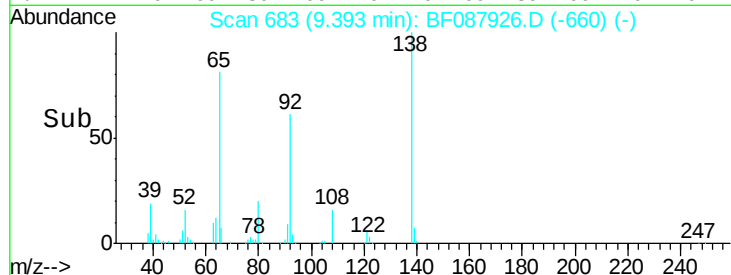
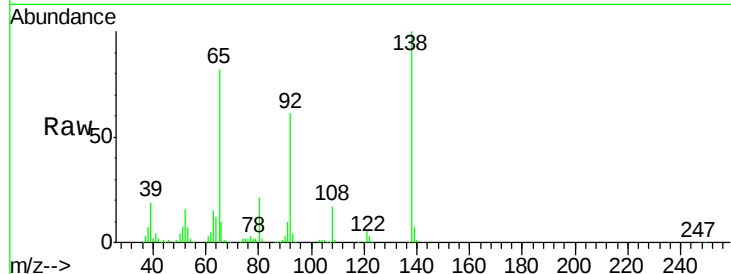
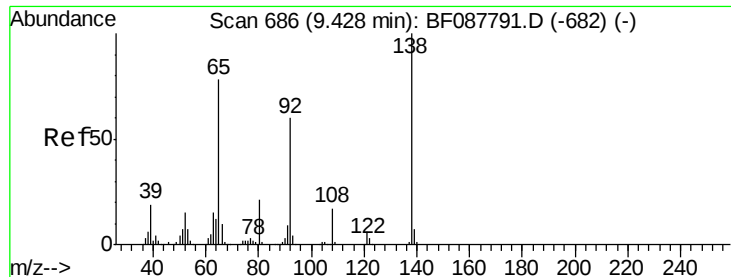
Acq: 12 Jun 2016 3:53

Tgt Ion:	162	Resp:	611772
Ion Ratio	Lower	Upper	
162	100		
127	44.3	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





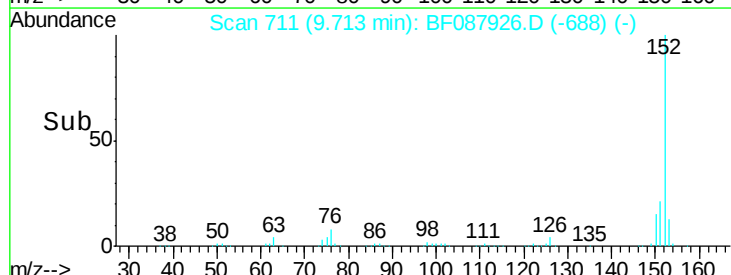
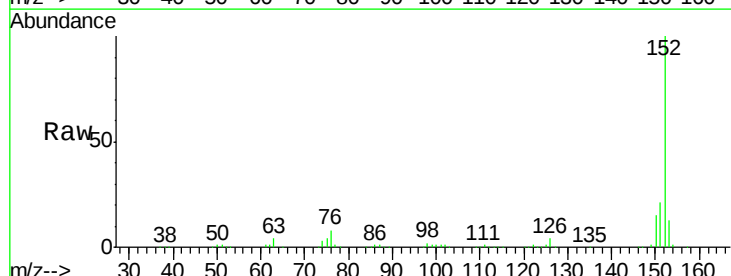
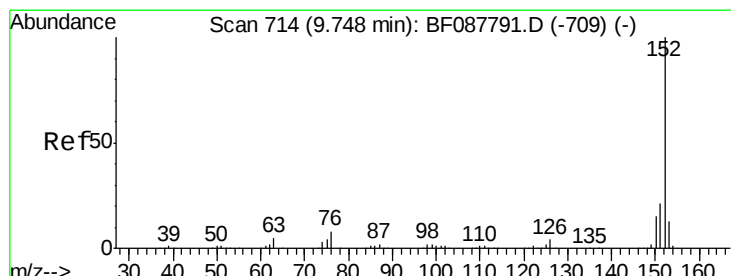
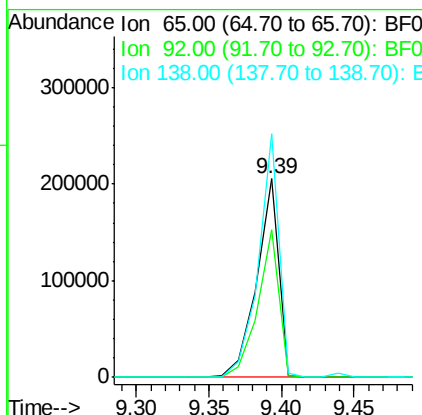
#47
2-Nitroaniline
Concen: 47.24 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.6	54.6	82.0
138	122.7	77.0	115.4

Instrument :
BNA_F
ClientSampleId :
PB91213BS

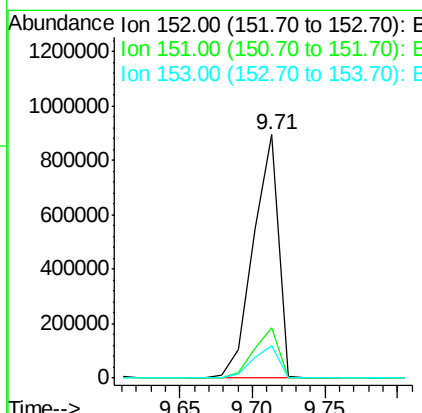
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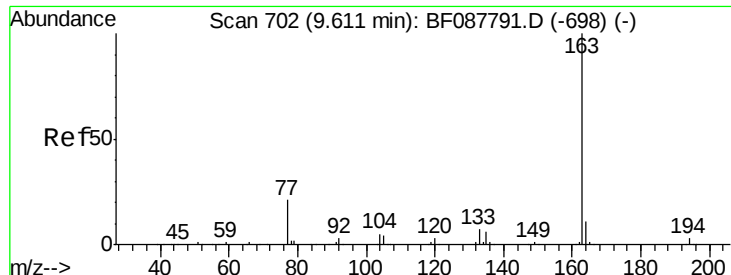
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#48
Acenaphthylene
Concen: 43.60 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	13.1	11.0	16.6





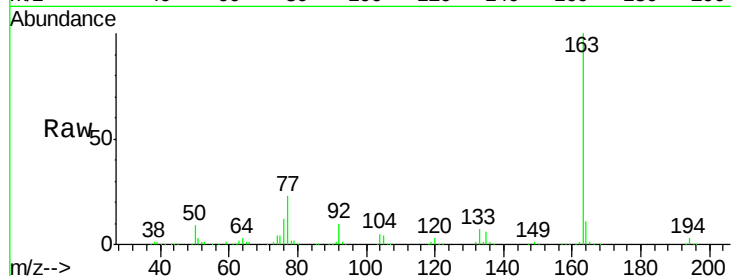
#49
Dimethylphthalate
Concen: 40.83 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Instrument :
BNA_F
ClientSampleId :
PB91213BS

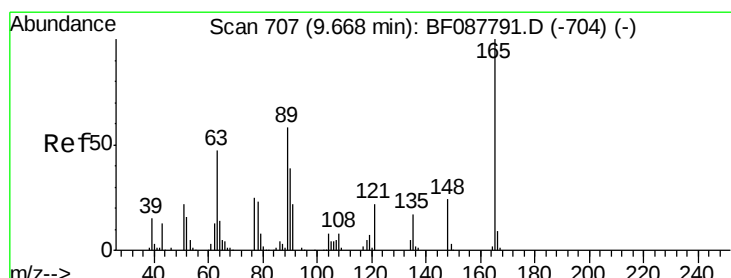
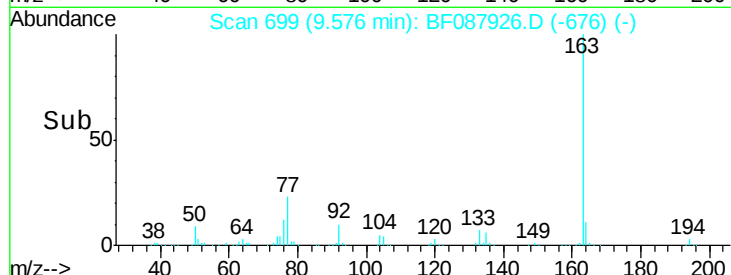
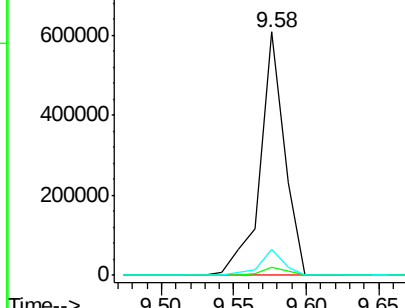
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.8	8.3	12.5

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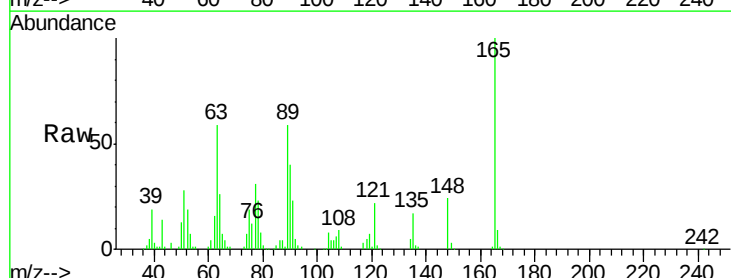


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

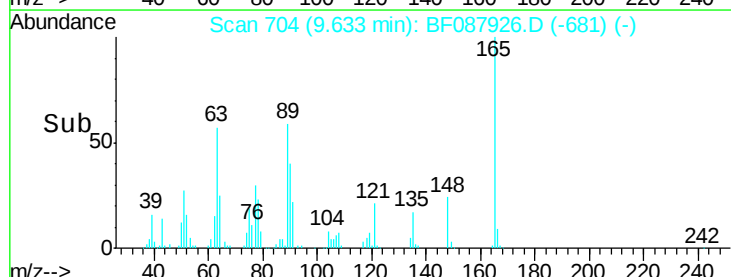
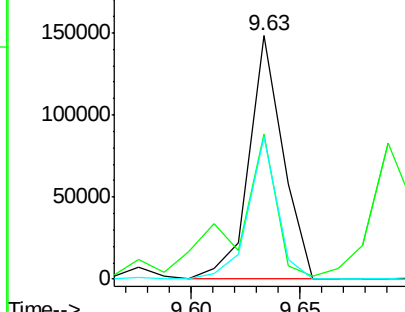


#50
2,6-Dinitrotoluene
Concen: 40.45 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	59.5	28.1	42.1#
89	58.7	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: 47.04 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Instrument :

BNA_F

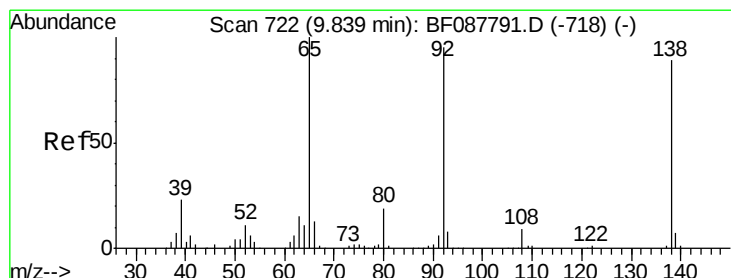
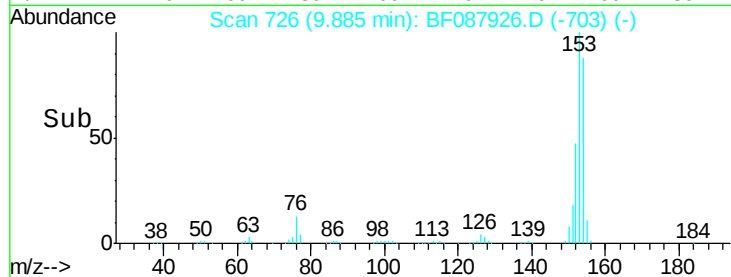
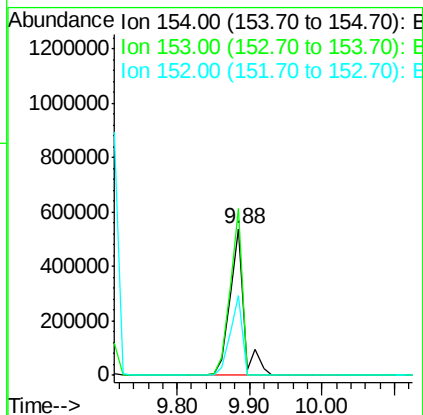
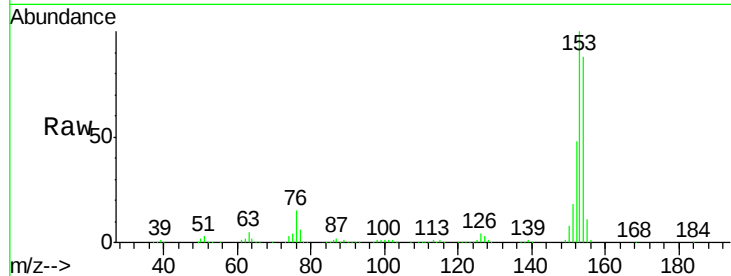
ClientSampleId :

PB91213BS

Tot Ion:	154	Resp:	721718
Ion Ratio	Lower	Upper	
154	100		
153	113.5	89.5	134.3
152	54.0	42.7	64.1

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#52

3-Nitroaniline

Concen: 30.64 ng

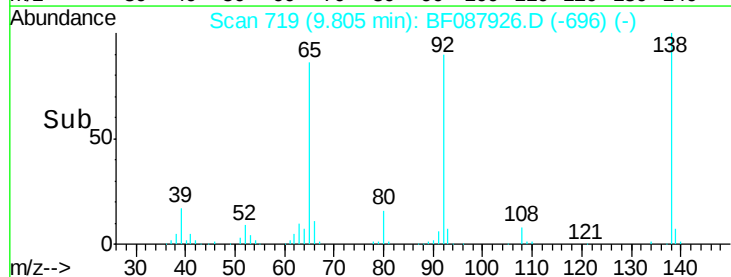
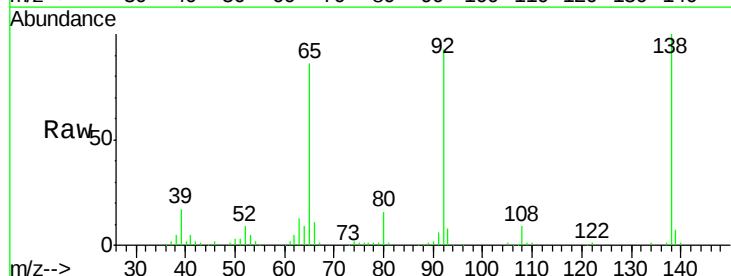
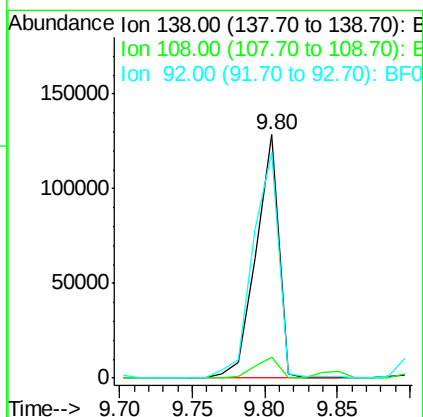
RT: 9.80 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Tgt Ion:	138	Resp:	140161
Ion Ratio	Lower	Upper	
138	100		
108	8.8	8.5	12.7
92	92.6	95.7	143.5#





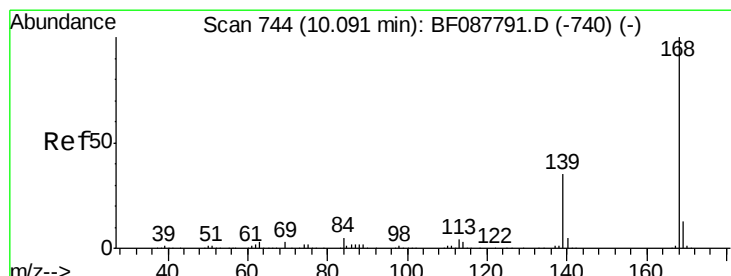
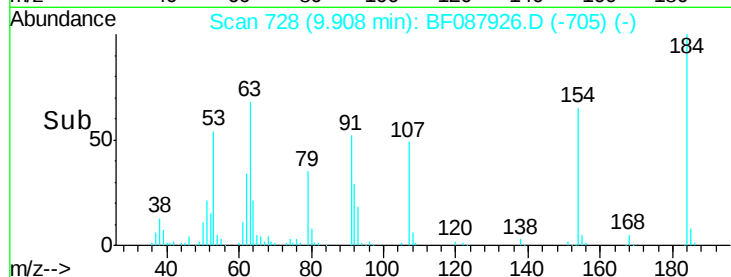
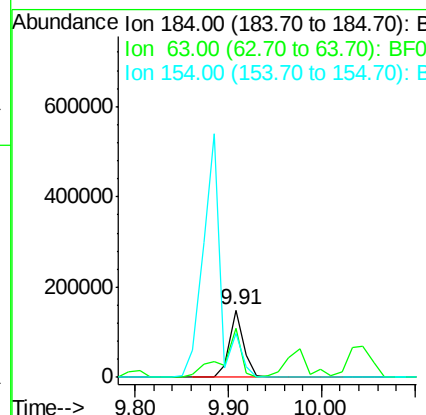
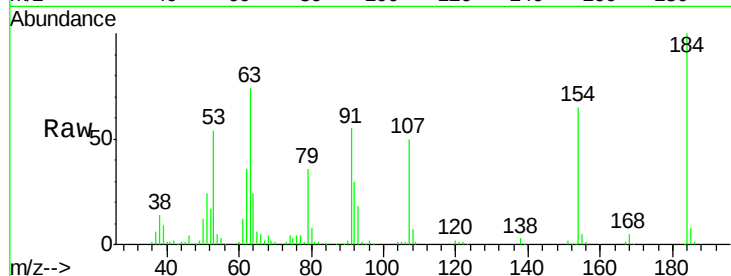
#53
 2,4-Dinitrophenol
 Concen: 76.01 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.03 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91213BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	162983		
63	73.6	57.6	86.4	
154	64.6	53.5	80.3	

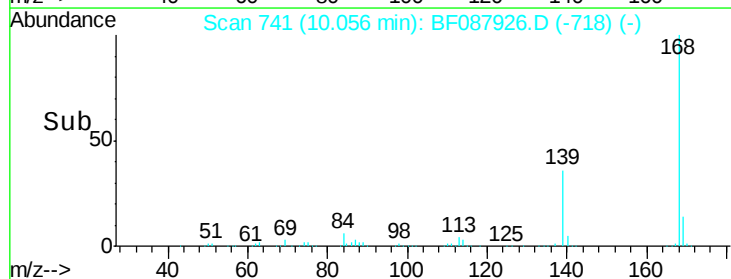
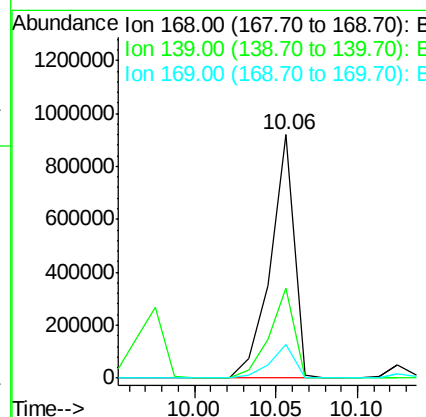
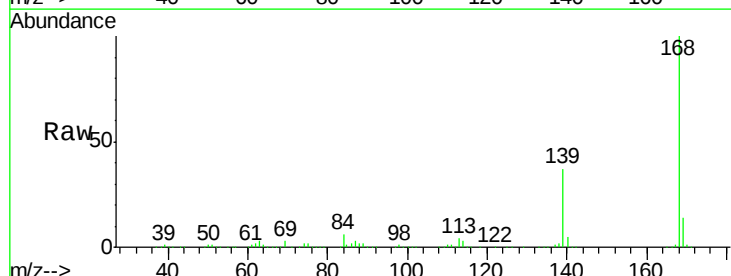
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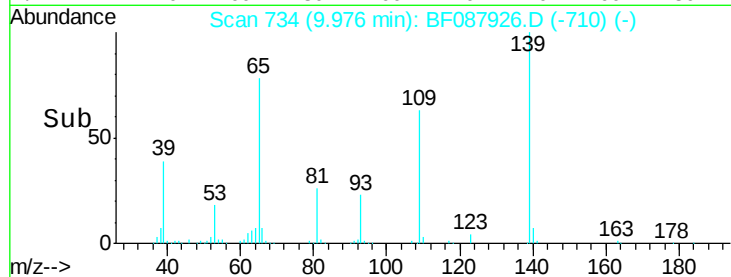
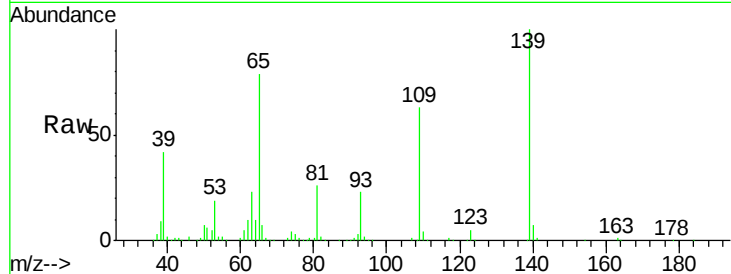
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#54
 Dibenzofuran
 Concen: 44.04 ng
 RT: 10.06 min Scan# 741
 Delta R.T. -0.03 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	930613		
139	36.7	26.4	39.6	
169	13.7	10.4	15.6	





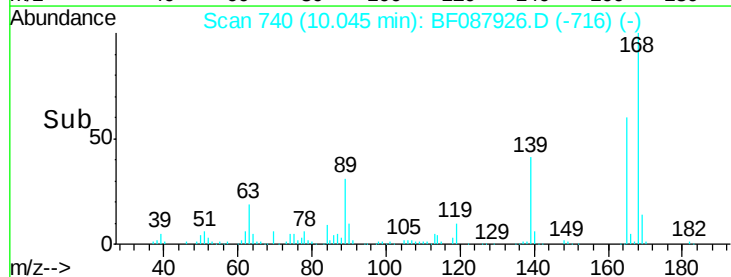
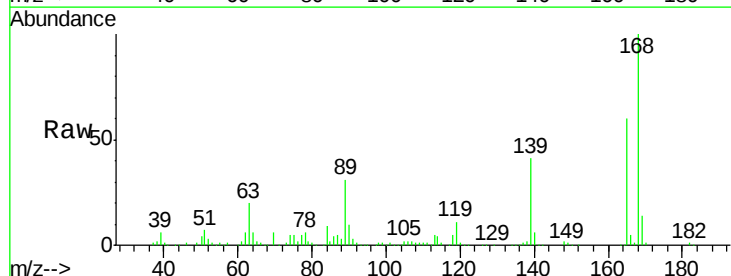
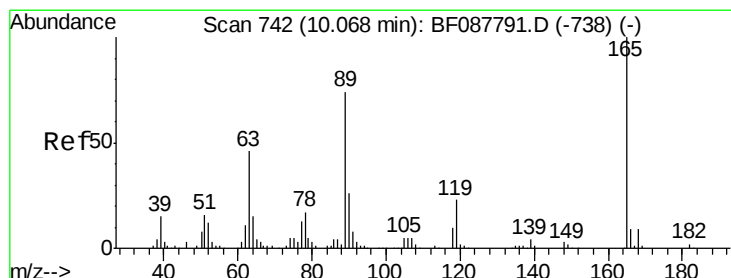
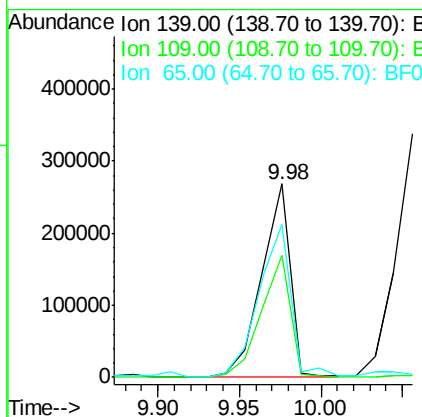
#55
4-Nitrophenol
Concen: 92.45 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Tot Ion	Ratio	Resp	Lower	Upper
139	100	328184		
109	63.0	48.9	88.9	
65	78.7	84.9	124.9	

Instrument :
BNA_F
ClientSampleId :
PB91213BS

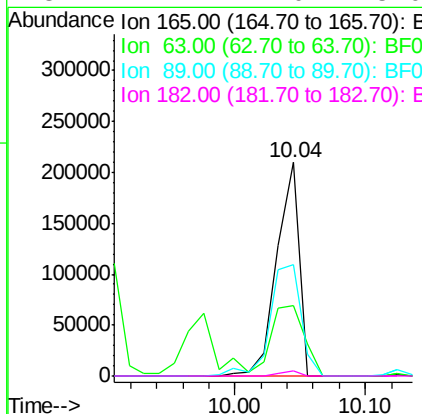
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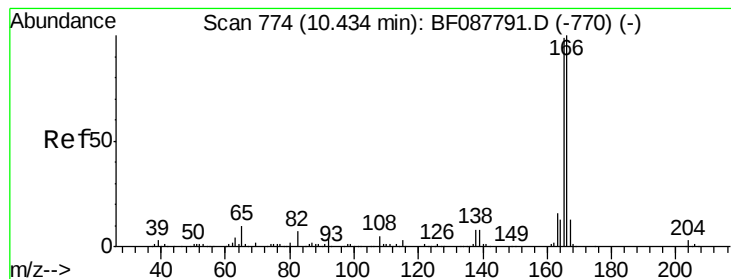
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#56
2,4-Dinitrotoluene
Concen: 49.38 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	251554		
63	32.9	22.0	33.0	
89	52.0	41.1	61.7	
182	2.4	2.0	3.0	





#57

Fluorene

Concen: 48.36 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.03 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Instrument :

BNA_F

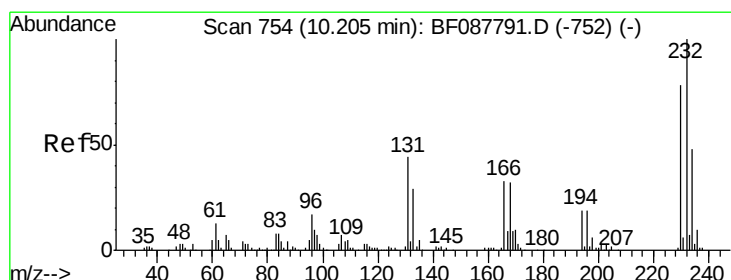
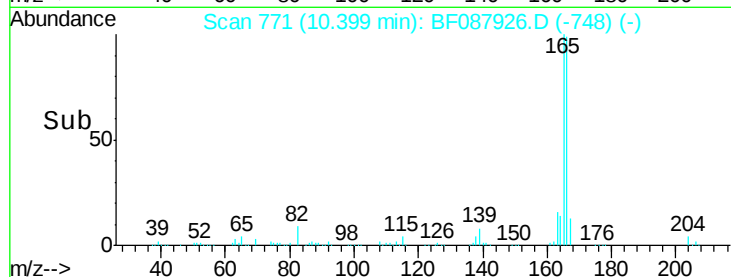
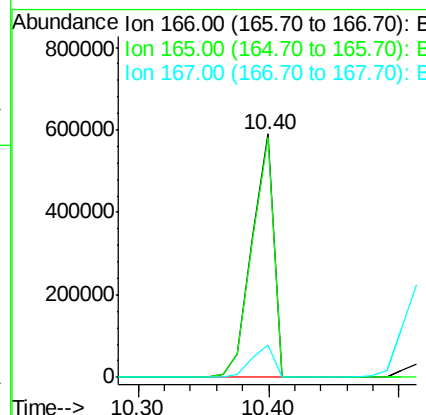
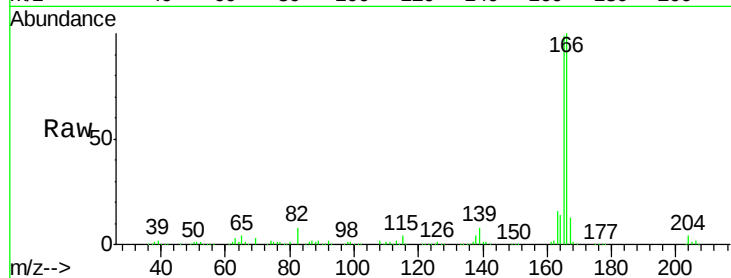
ClientSampleId :

PB91213BS

Tot Ion:	166	Resp:	685404
Ion Ratio	Lower	Upper	
166	100		
165	98.6	77.8	116.8
167	13.2	11.2	16.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.19 ng

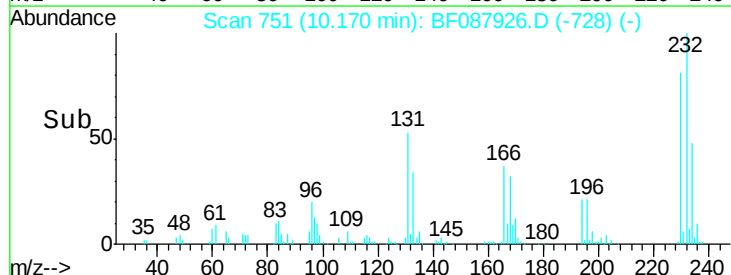
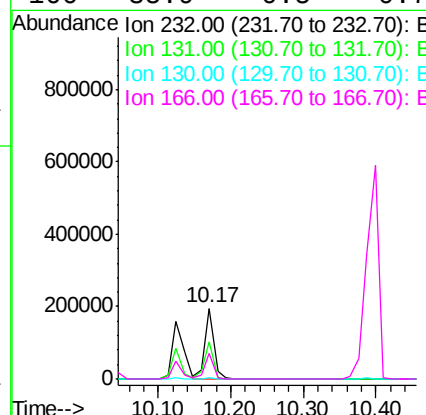
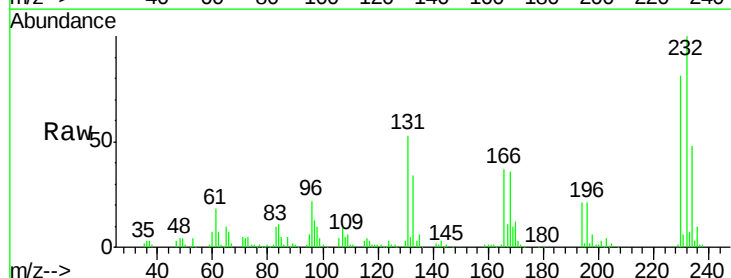
RT: 10.17 min Scan# 751

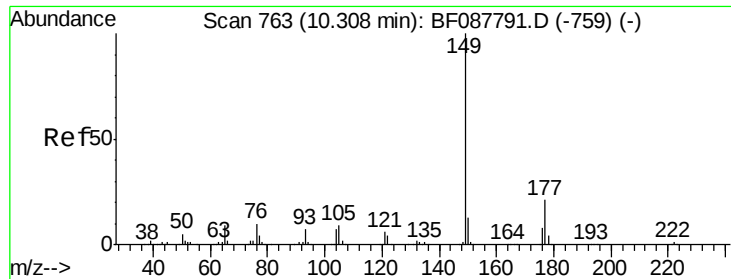
Delta R.T. -0.03 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Tgt Ion:	232	Resp:	172641
Ion Ratio	Lower	Upper	
232	100		
131	53.3	0.9	1.3#
130	2.4	1.5	2.3#
166	35.9	0.5	0.7#





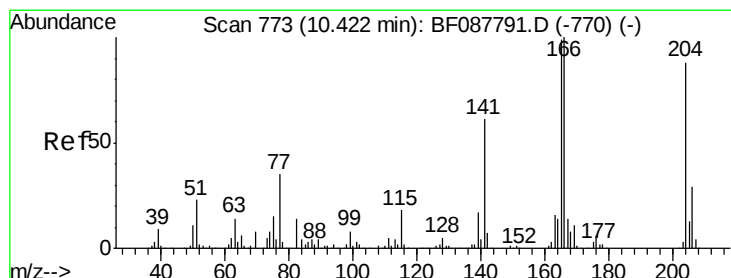
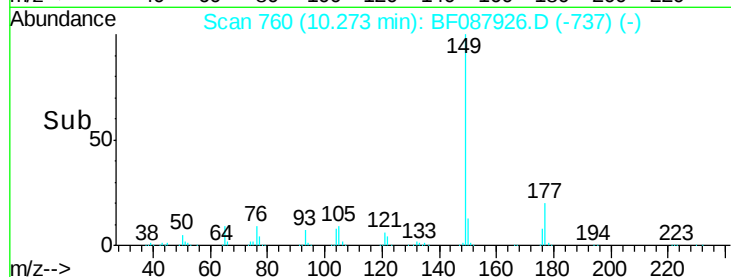
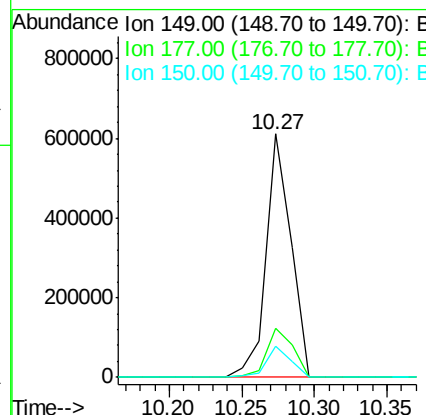
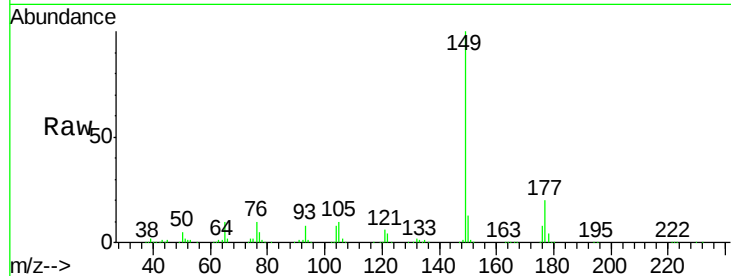
#59
Diethylphthalate
Concen: 41.30 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Instrument :
BNA_F
ClientSampleId :
PB91213BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	20.0	16.9	25.3
150	13.0	10.1	15.1

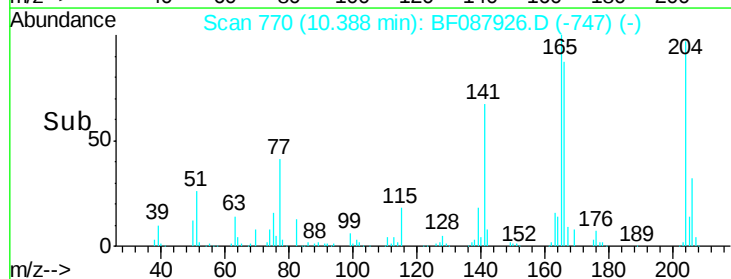
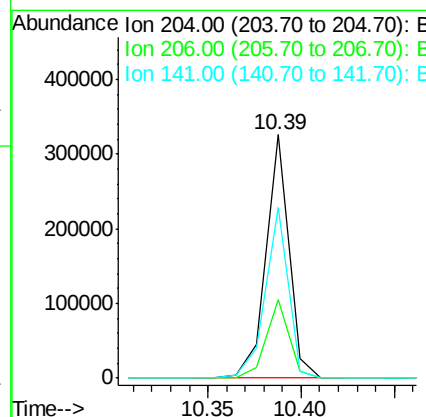
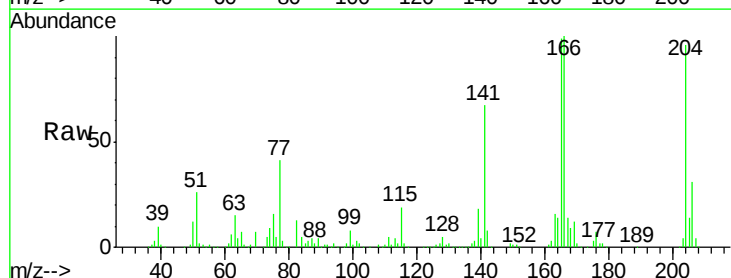
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#60
4-Chlorophenyl-phenylether
Concen: 39.22 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	32.5	26.3	39.5
141	69.9	55.0	82.6





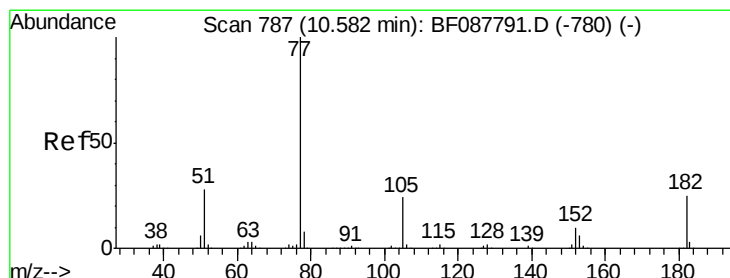
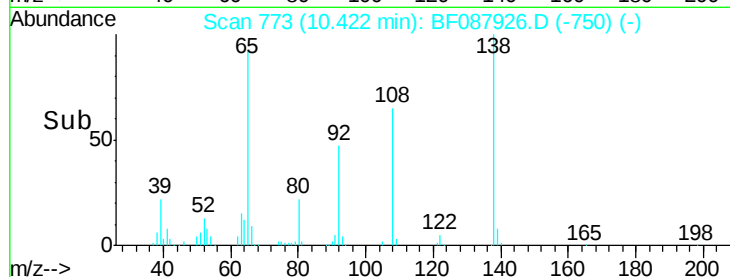
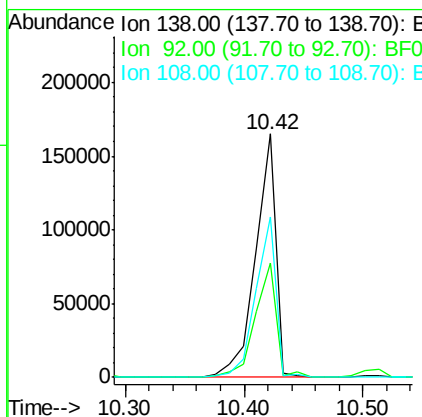
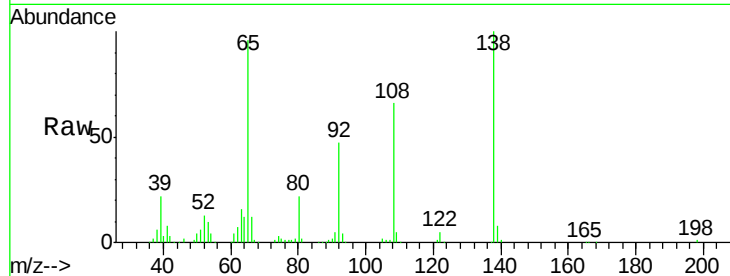
#61
4-Nitroaniline
Concen: 45.51 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Instrument :
BNA_F
ClientSampleId :
PB91213BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	197429		
92	47.0	27.3	67.3	
108	65.9	46.7	86.7	

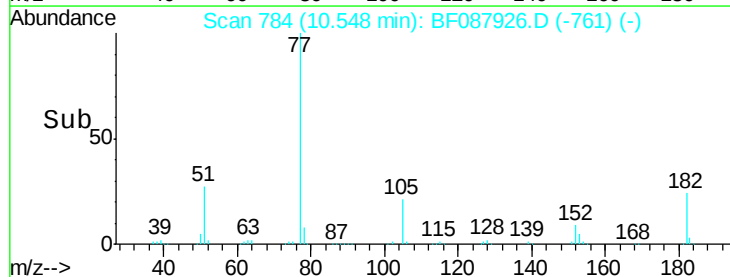
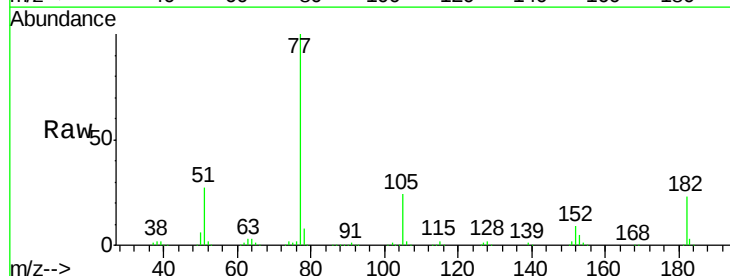
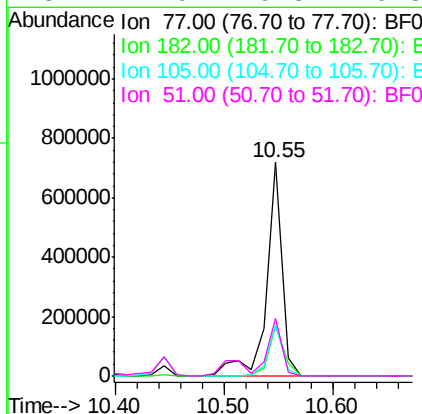
Manual Integrations
APPROVED

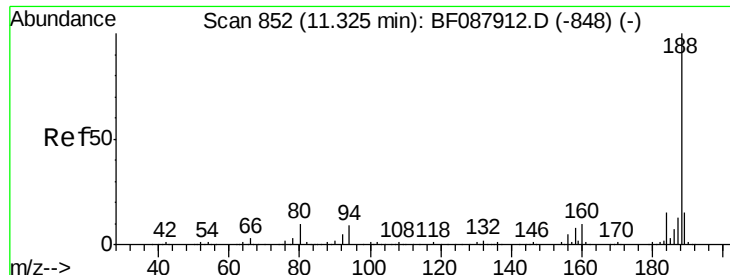
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#62
Azobenzene
Concen: 42.19 ng
RT: 10.55 min Scan# 784
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	730860		
182	23.3	4.4	44.4	
105	23.9	3.8	43.8	
51	27.0	9.3	49.3	





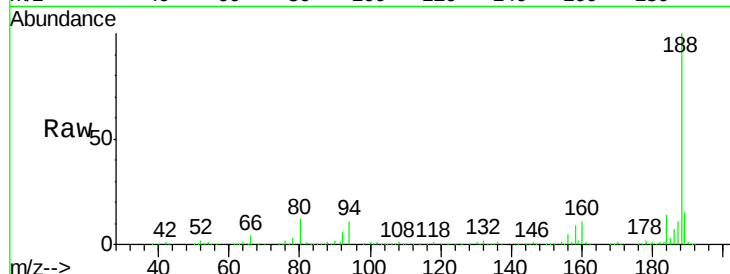
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Instrument :
BNA_F
ClientSampleId :
PB91213BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.1	9.0	13.6
80	11.9	10.0	15.0

Manual Integrations
APPROVED

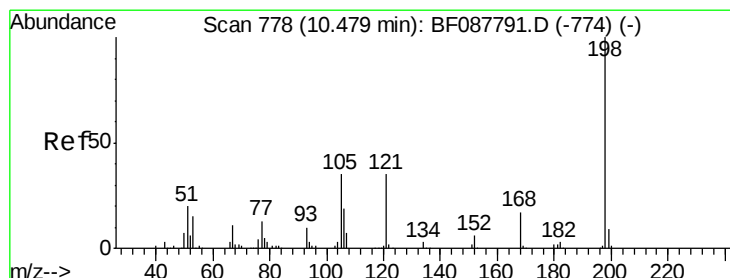
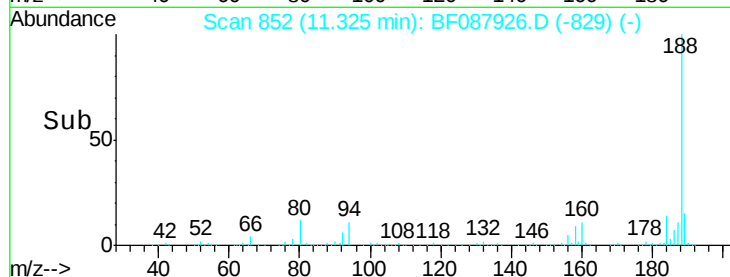
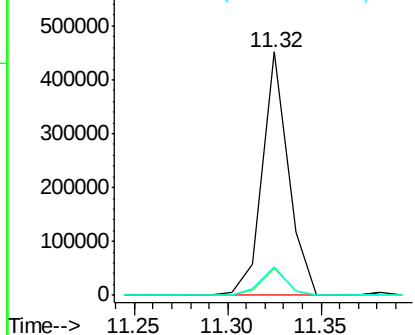
umangi
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



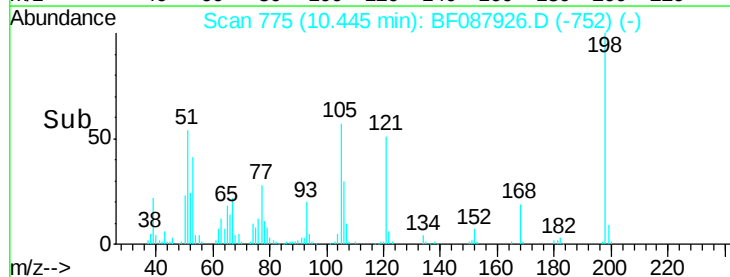
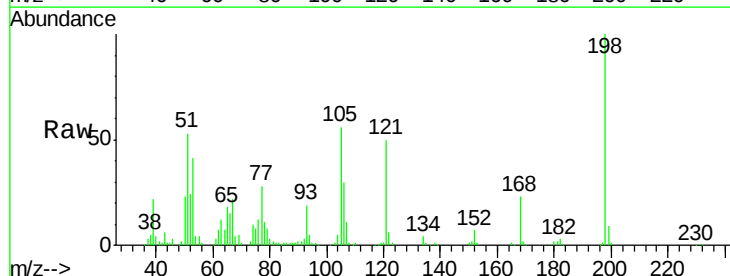
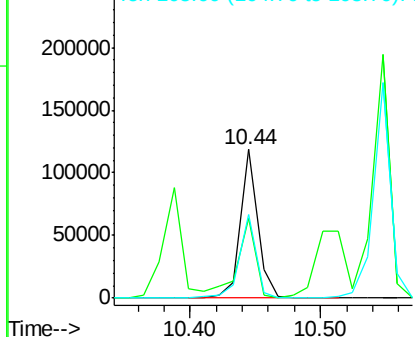
#64
4,6-Dinitro-2-methylphenol
Concen: 40.40 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

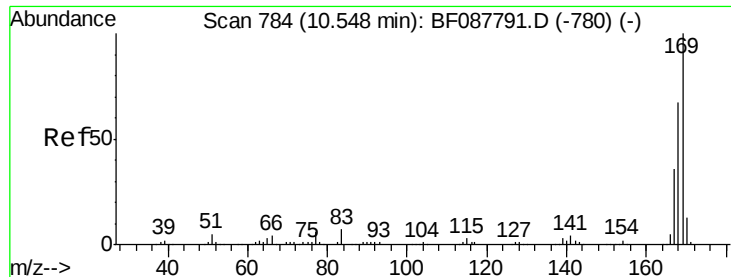
Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	53.5	39.6	79.6
105	56.3	36.6	76.6

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





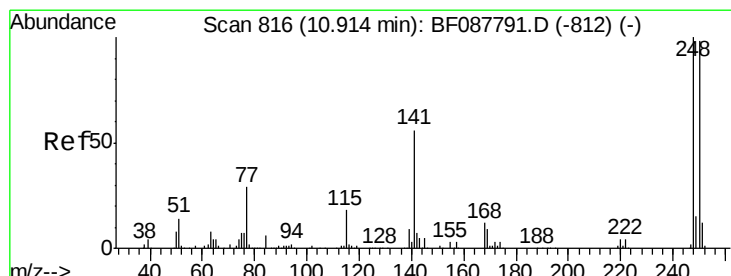
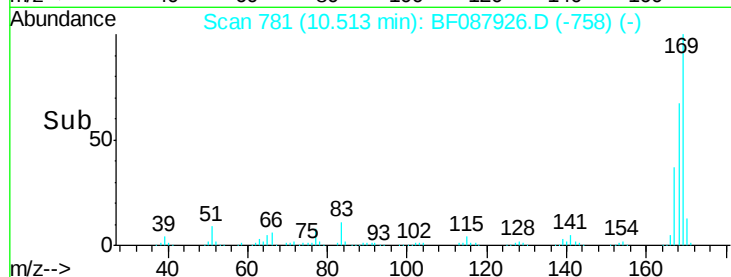
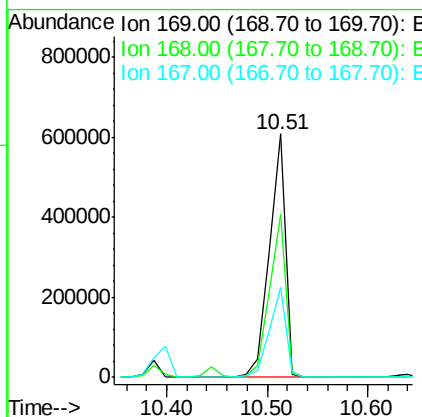
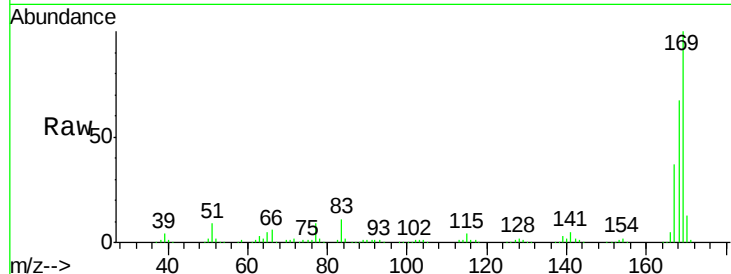
#65
n-Nitrosodiphenylamine
Concen: 46.72 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Instrument :
BNA_F
ClientSampleId :
PB91213BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	673151		
168	67.1	53.4	80.0	
167	37.1	29.4	44.0	

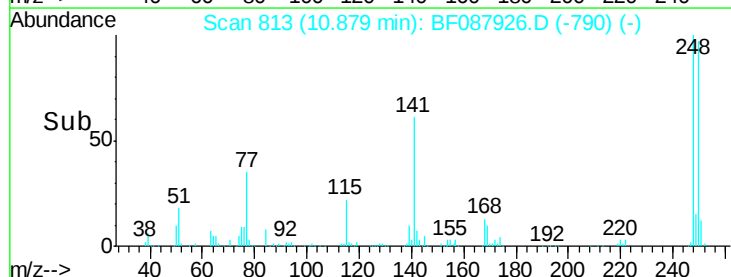
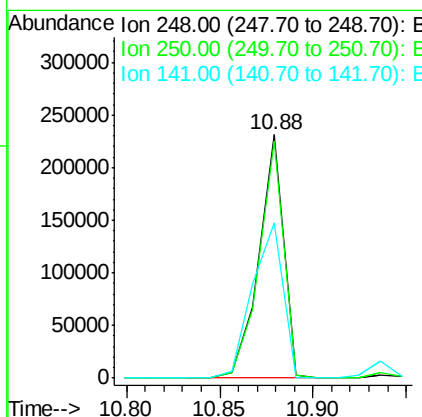
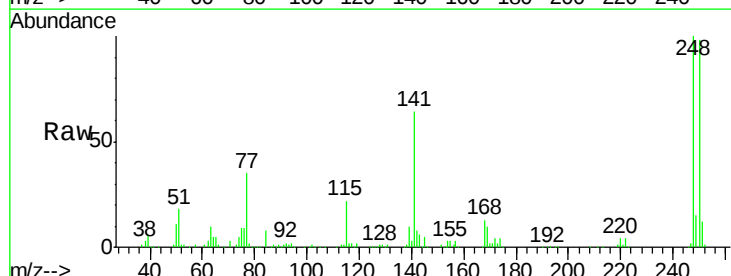
Manual Integrations
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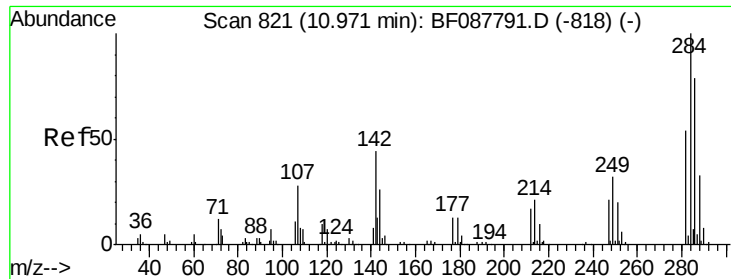
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#66
4-Bromophenyl-phenylether
Concen: 45.27 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	210915		
250	97.6	77.1	115.7	
141	63.6	50.6	76.0	





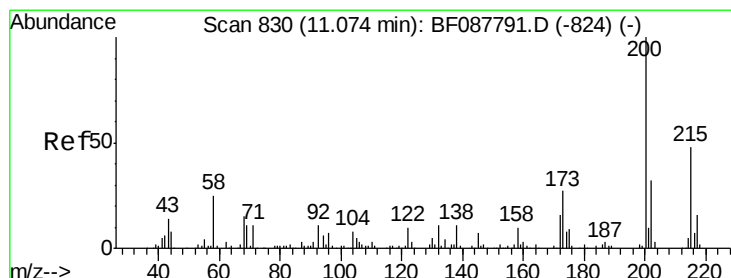
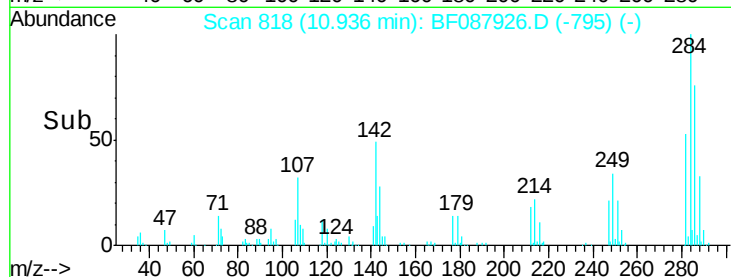
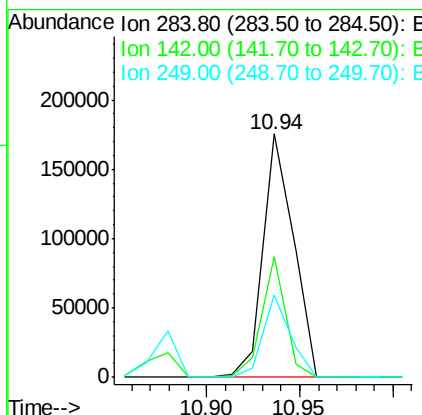
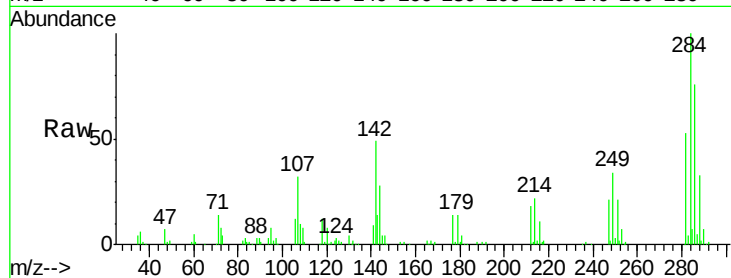
#67
Hexachlorobenzene
Concen: 40.78 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Instrument :
BNA_F
ClientSampleId :
PB91213BS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	49.4	35.8	53.8
249	33.7	25.8	38.6

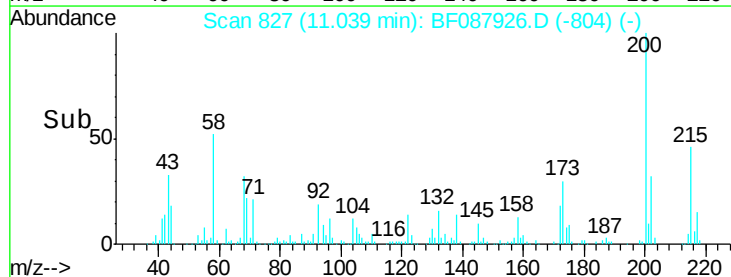
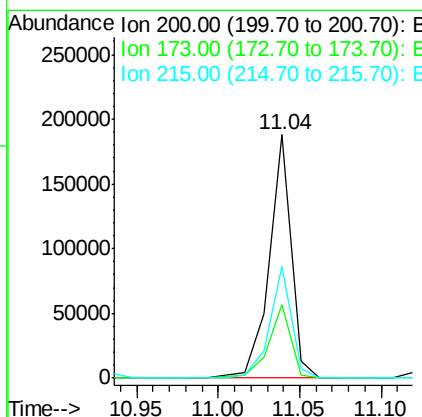
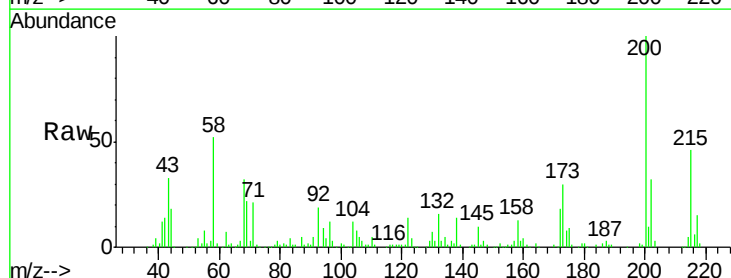
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#68
Atrazine
Concen: 40.40 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	30.4	4.0	44.0
215	45.8	29.3	69.3





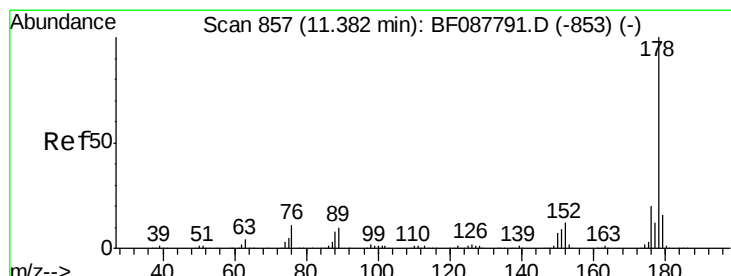
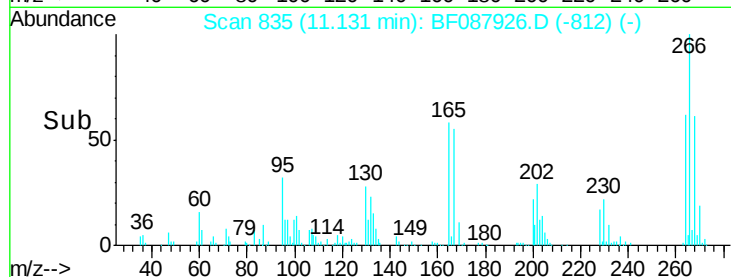
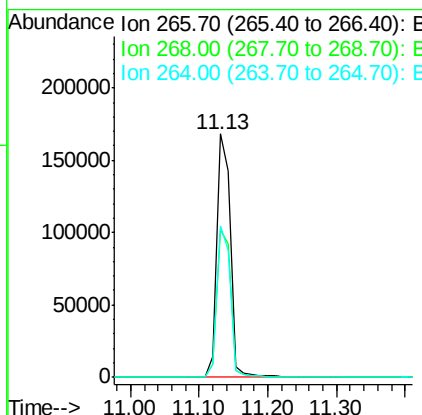
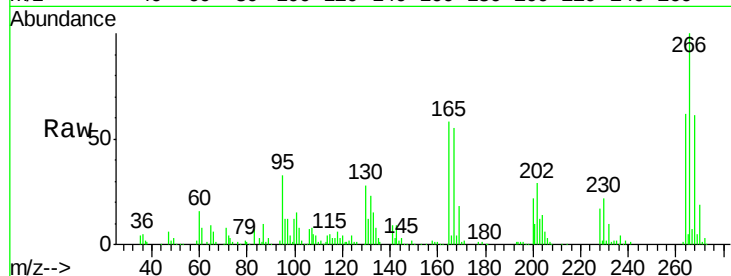
#69
 Pentachlorophenol
 Concen: 92.38 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.03 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91213BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	235725		
268	60.7	52.8	79.2	
264	62.2	49.6	74.4	

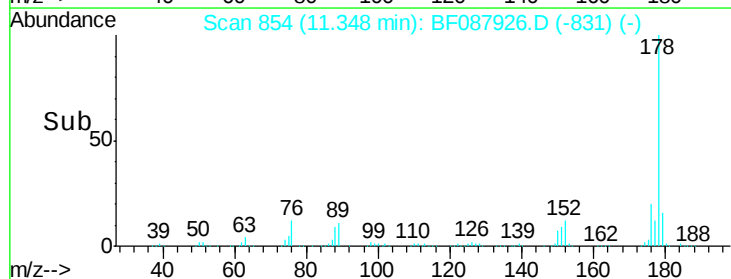
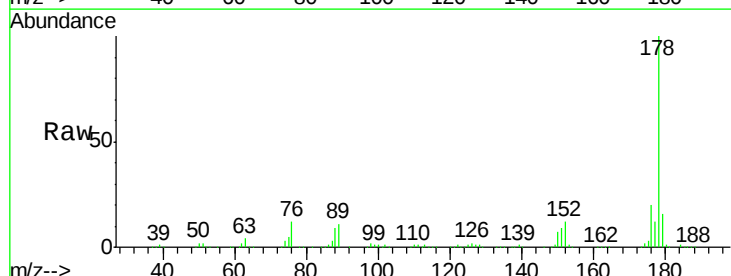
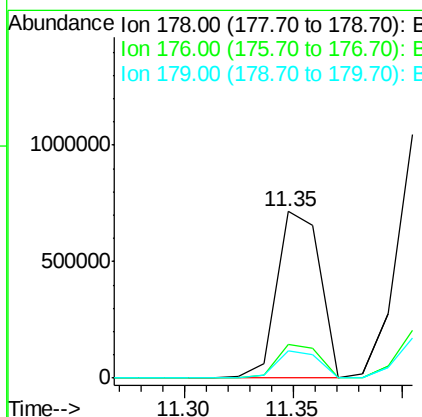
Manual Integrations
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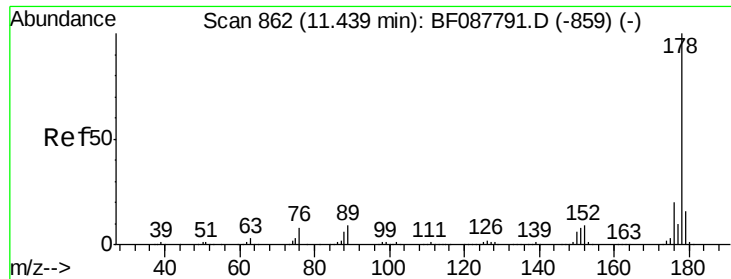
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#70
 Phenanthrene
 Concen: 43.46 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.03 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	990363		
176	19.9	15.8	23.6	
179	16.3	13.0	19.4	





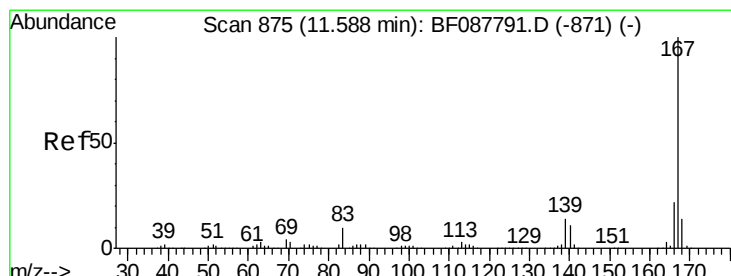
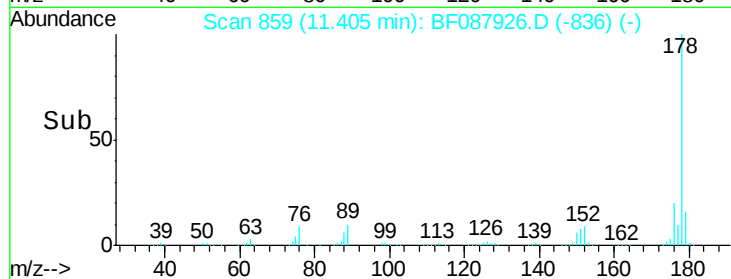
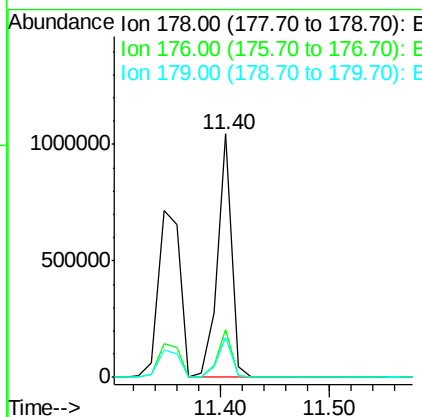
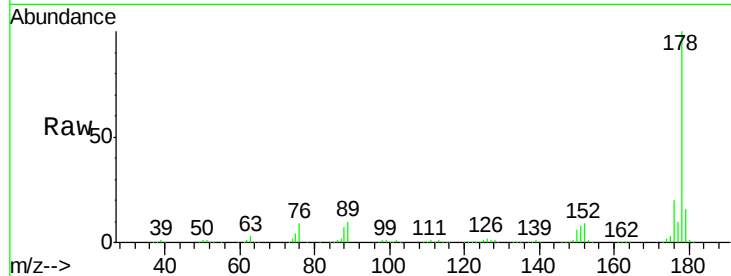
#71
 Anthracene
 Concen: 41.61 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.03 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91213BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	16.2	12.8	19.2

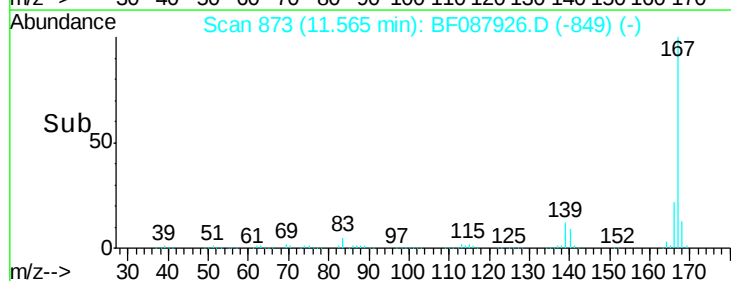
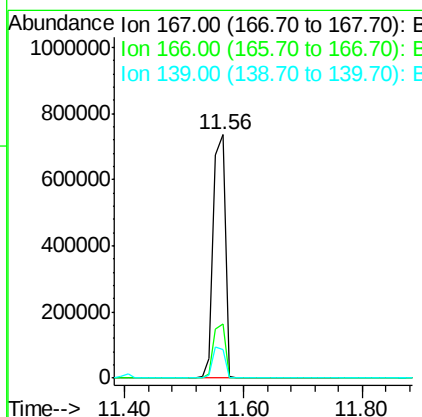
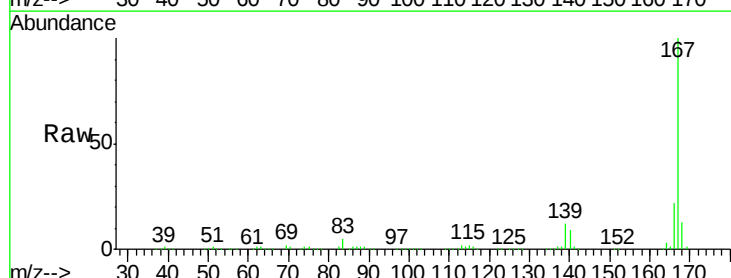
Manual Integrations
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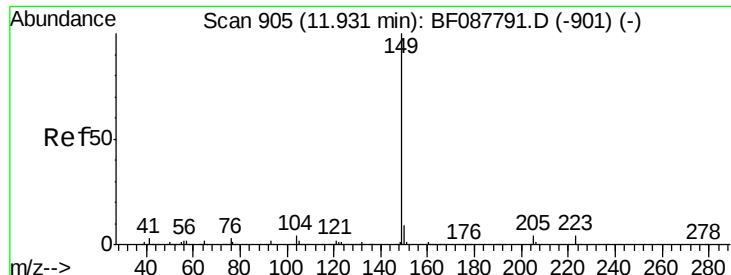
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#72
 Carbazole
 Concen: 47.47 ng
 RT: 11.56 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	11.6	11.2	16.8





#73

Di-n-butylphthalate

Concen: 40.24 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.03 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Instrument :

BNA_F

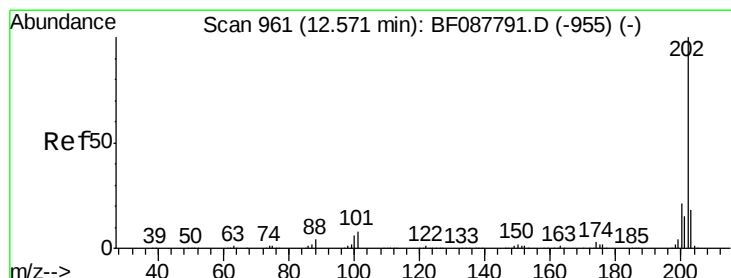
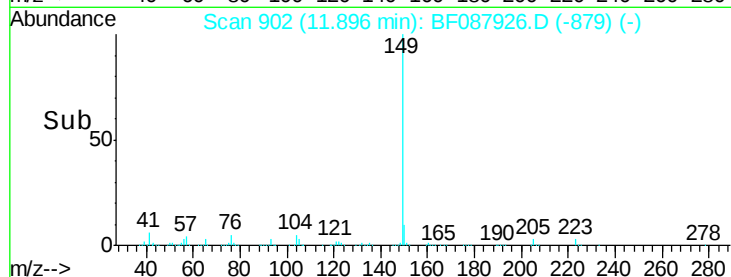
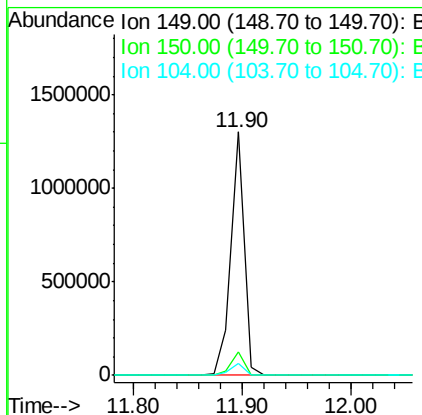
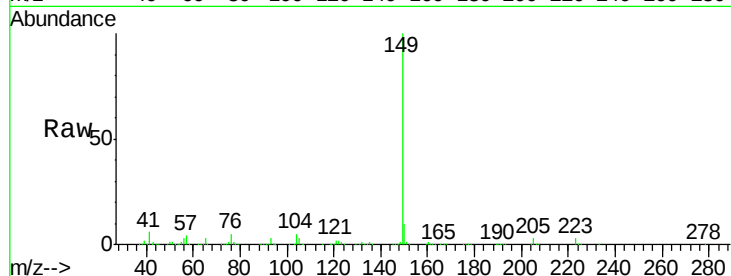
ClientSampleId :

PB91213BS

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Tot Ion:	149	Resp:	1095639
Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.6
104	5.1	4.0	6.0



#74

Fluoranthene

Concen: 39.14 ng

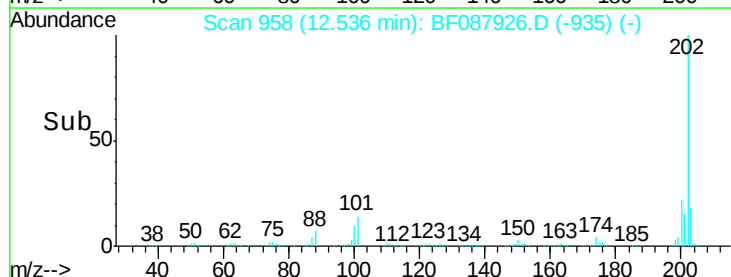
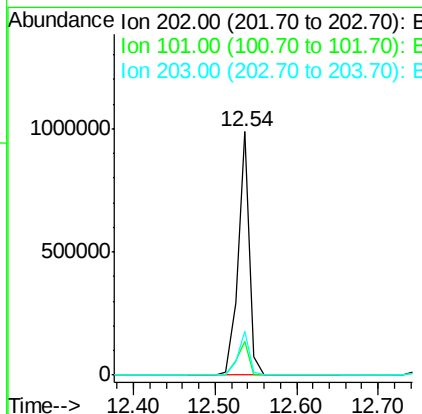
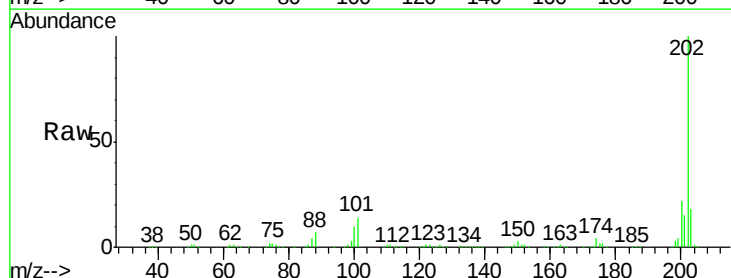
RT: 12.54 min Scan# 958

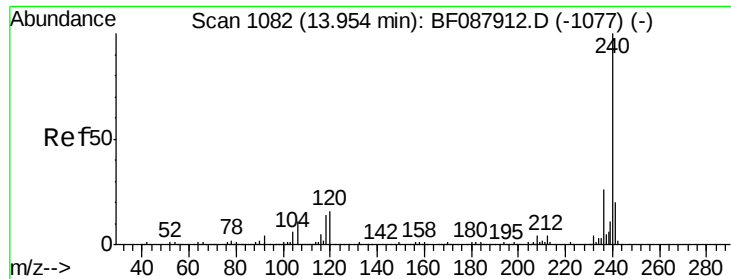
Delta R.T. -0.03 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Tgt Ion:	202	Resp:	941144
Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.1
203	18.3	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: BF087926.D

Acq: 12 Jun 2016 3:53

Instrument :

BNA_F

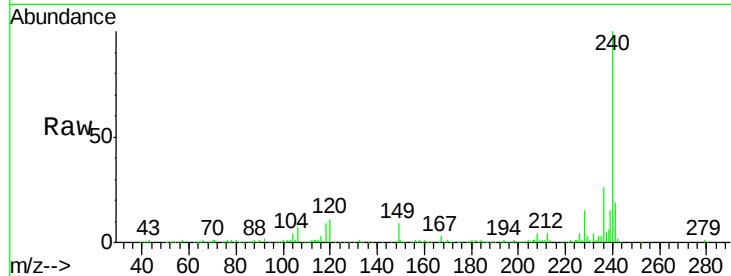
ClientSampled :

PB91213BS

Tot Ion:	240	Resp:	339965
Ion Ratio	Lower	Upper	
240	100		
120	10.6	6.8	10.2#
236	26.1	20.2	30.2

Manual Integrations
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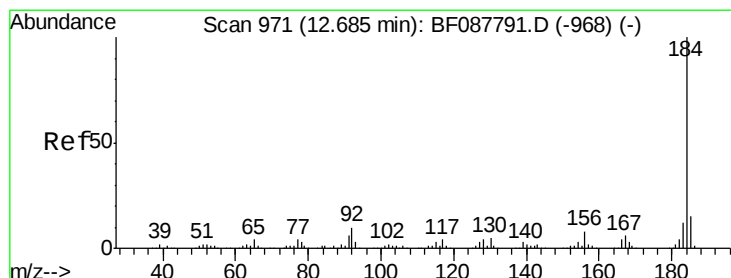
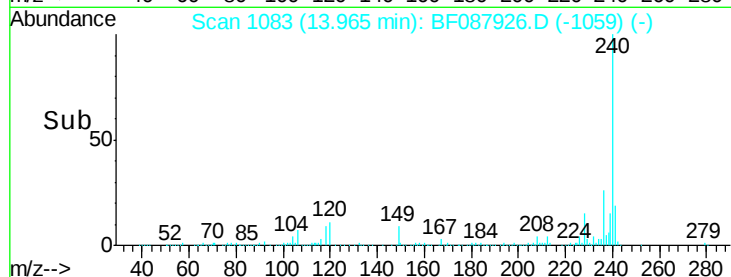
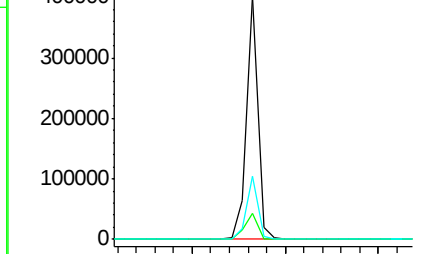
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.47 ng

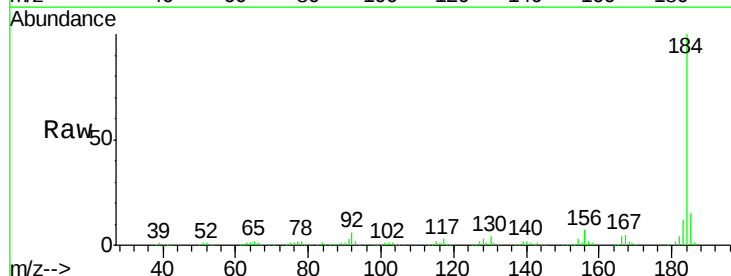
RT: 12.66 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

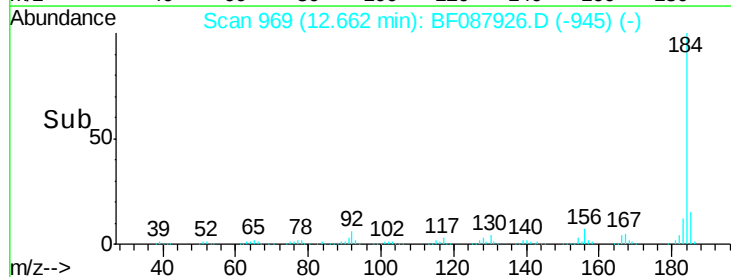
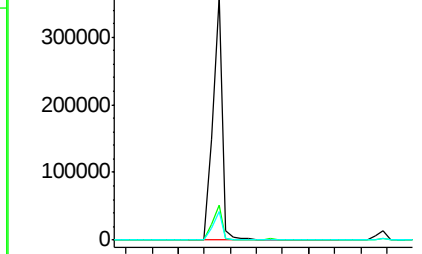
Tgt Ion:	184	Resp:	371571
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.5	18.7
183	11.5	9.3	13.9

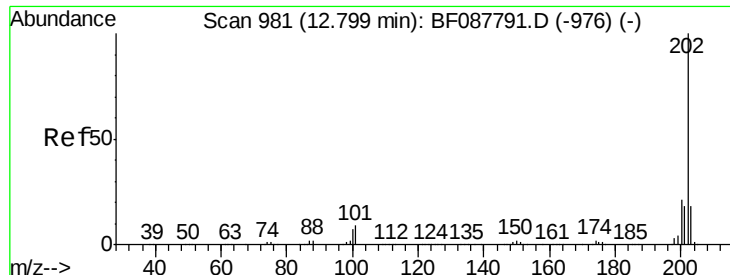


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.10 ng

RT: 12.76 min Scan# 978

Delta R.T. -0.03 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Instrument :

BNA_F

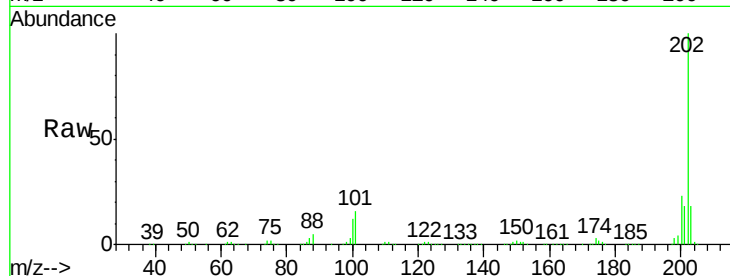
ClientSampleId :

PB91213BS

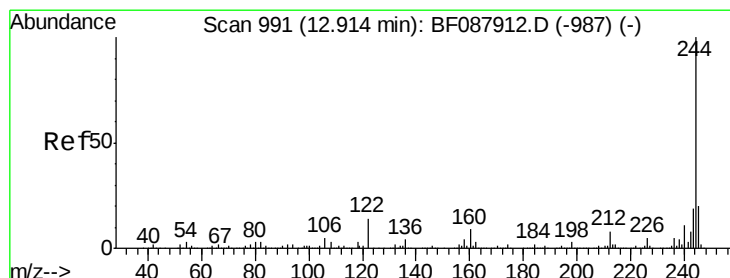
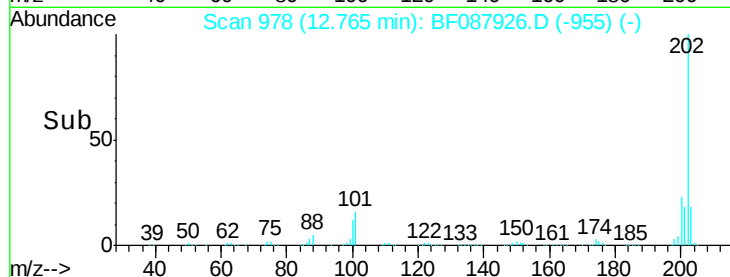
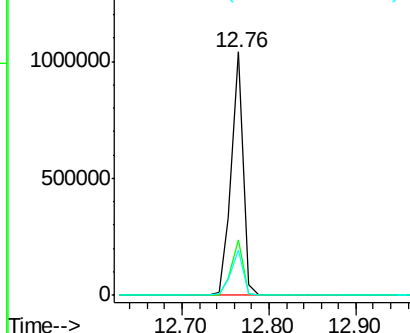
Tot Ion:	202	Resp:	986436
Ion Ratio		Lower	Upper
202	100		
200	22.6	17.4	26.2
203	18.5	14.5	21.7

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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: 63.81 ng

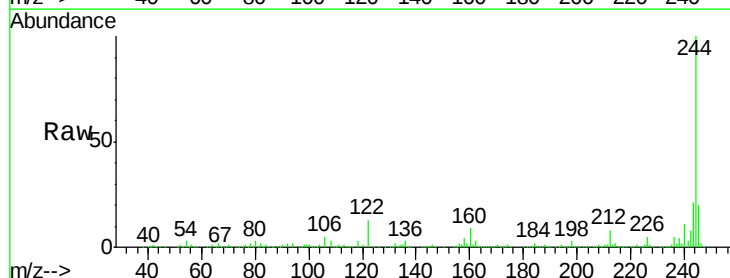
RT: 12.91 min Scan# 991

Delta R.T. -0.03 min

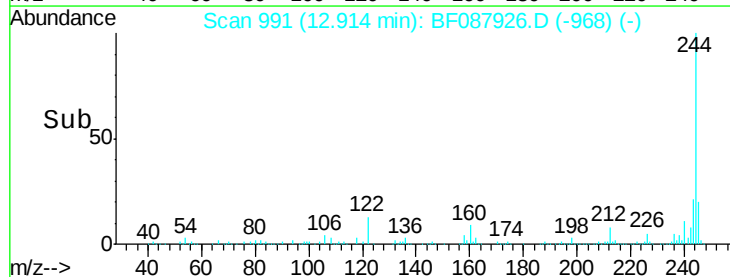
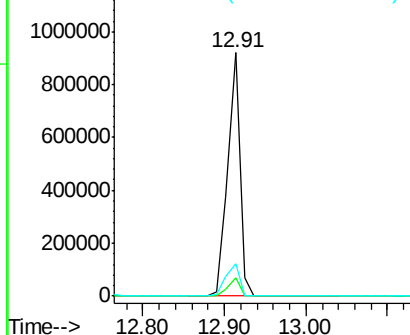
Lab File: BF087926.D

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Tgt Ion:	244	Resp:	953387
Ion Ratio		Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.1	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





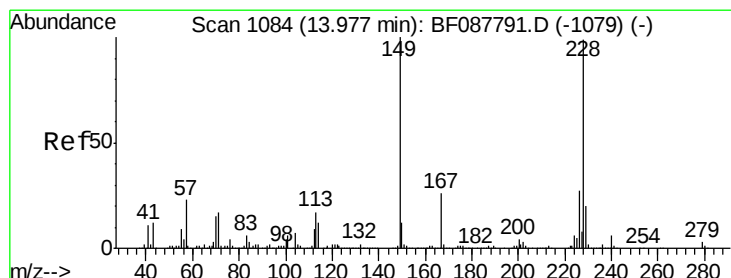
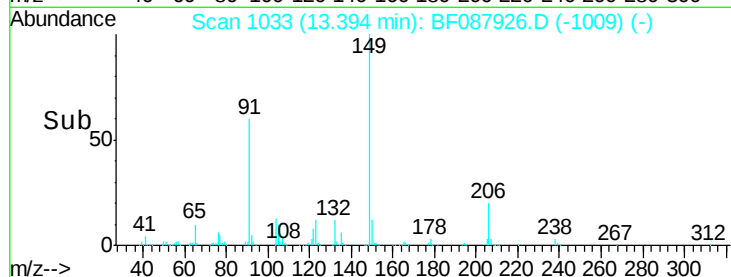
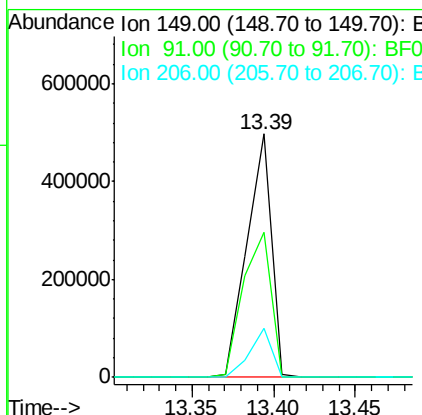
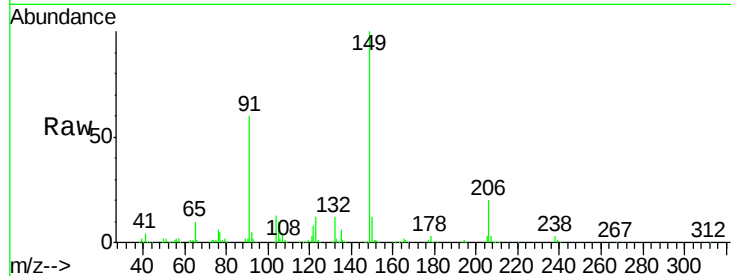
#79
Butylbenzylphthalate
Concen: 46.42 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Instrument :
BNA_F
ClientSampleId :
PB91213BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	517767		
91	59.6	48.0	72.0	
206	20.3	16.0	24.0	

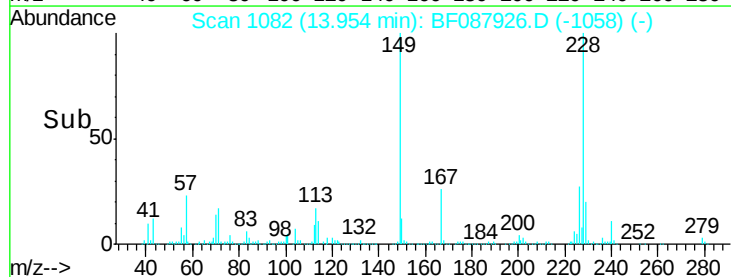
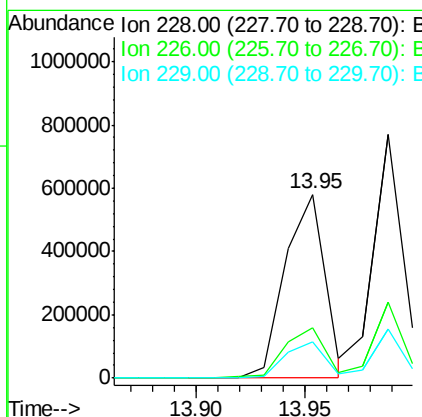
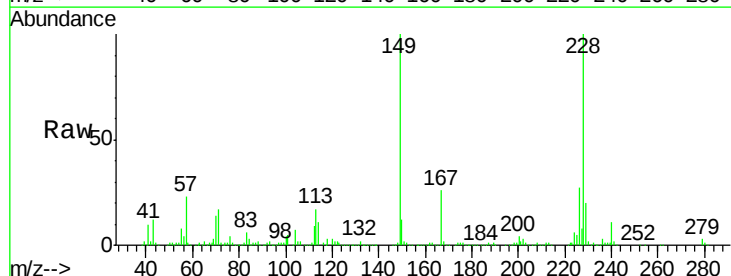
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#80
Benzo(a)anthracene
Concen: 38.42 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	744306		
226	27.4	22.3	33.5	
229	20.0	16.0	24.0	





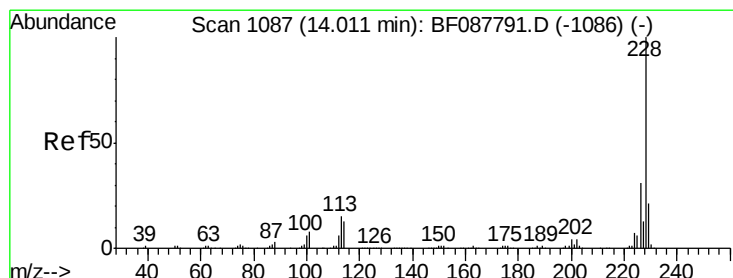
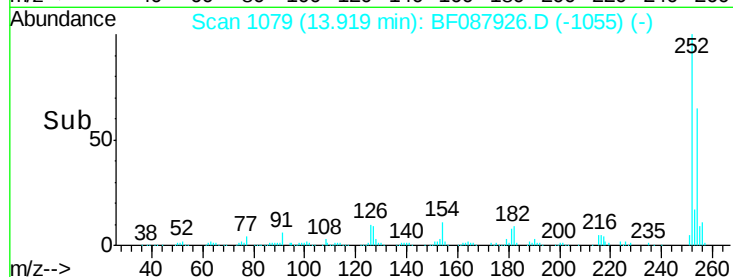
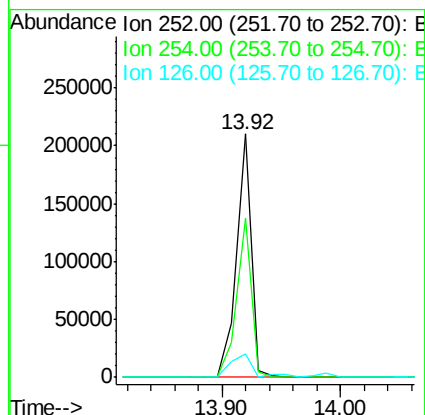
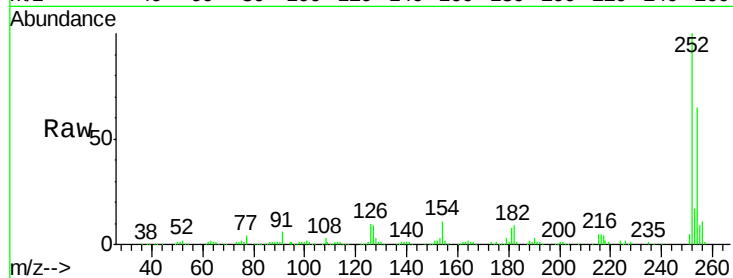
#81
 3,3'-Dichlorobenzidine
 Concen: 35.08 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91213BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.2	52.6	78.8
126	9.6	6.2	9.2

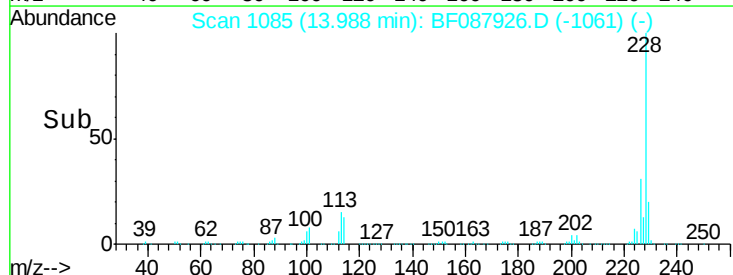
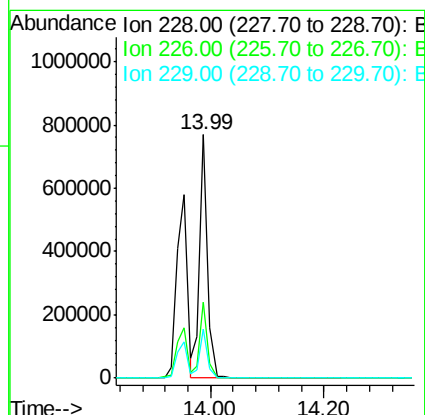
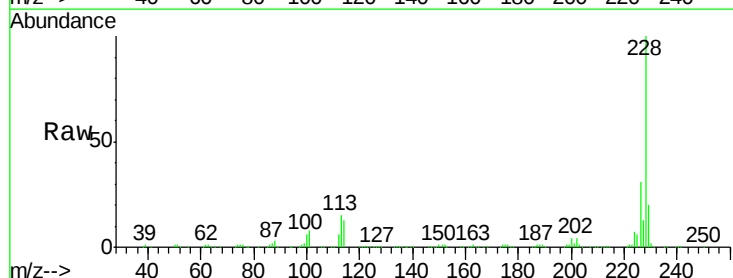
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#82
 Chrysene
 Concen: 40.88 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.0	25.4	38.2
229	20.4	16.3	24.5





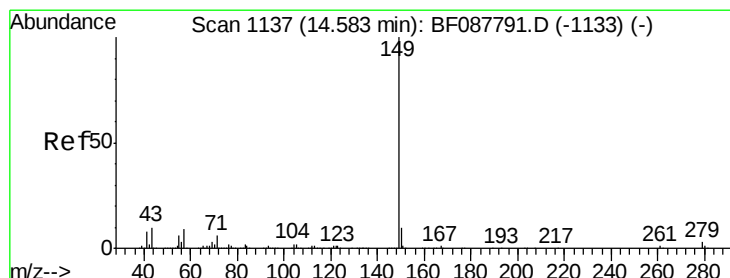
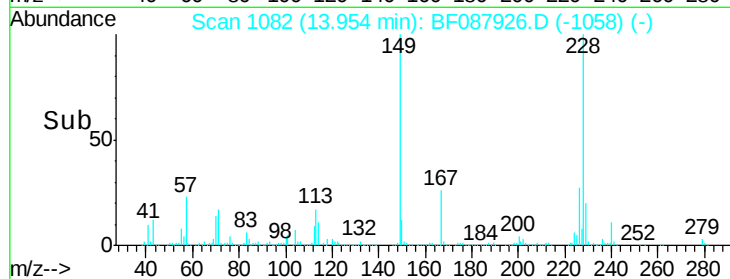
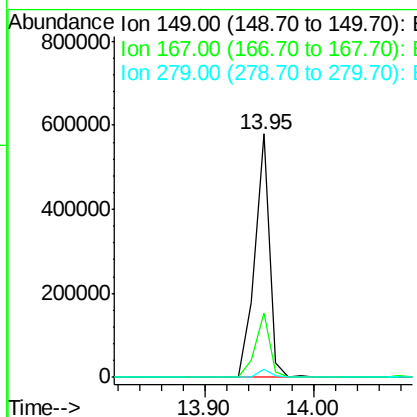
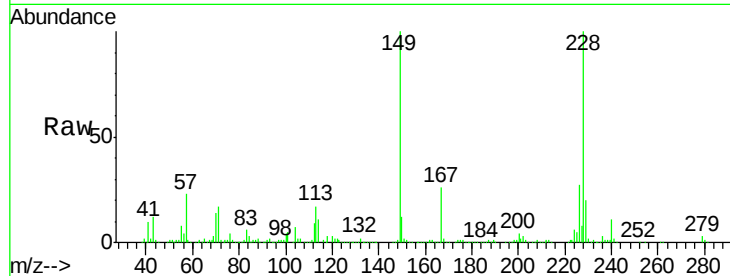
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.47 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91213BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.5	20.5	30.7
279	3.2	2.0	3.0#

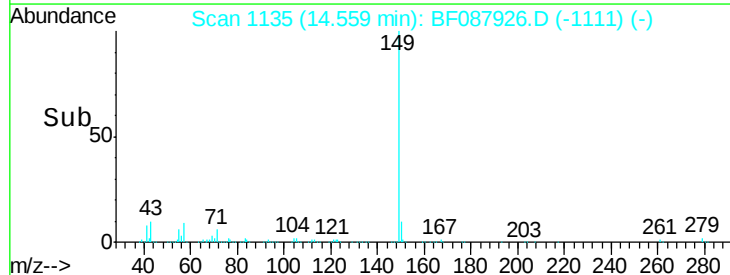
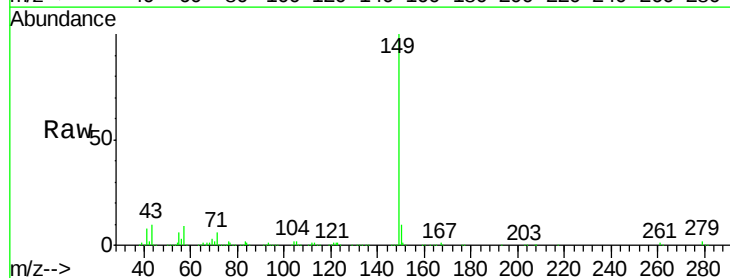
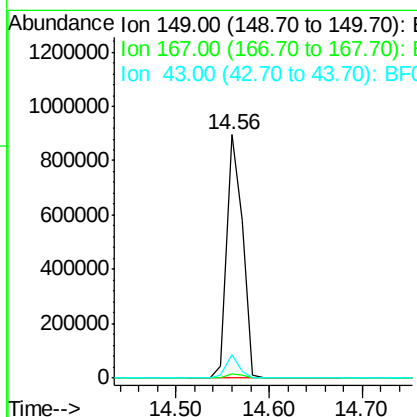
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#84
 Di-n-octyl phthalate
 Concen: 47.85 ng
 RT: 14.56 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	0.0	0.0#
43	8.1	0.0	0.0#





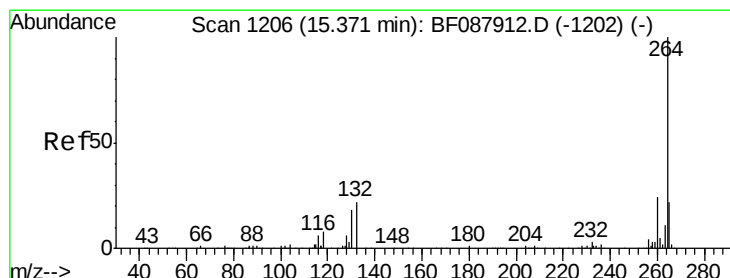
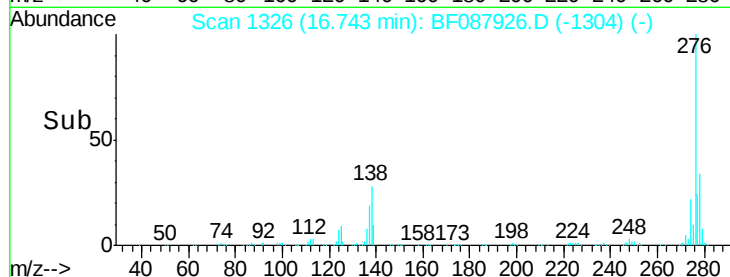
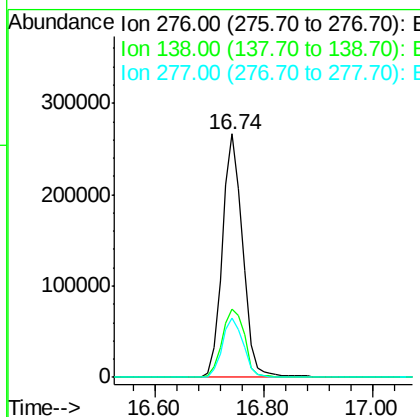
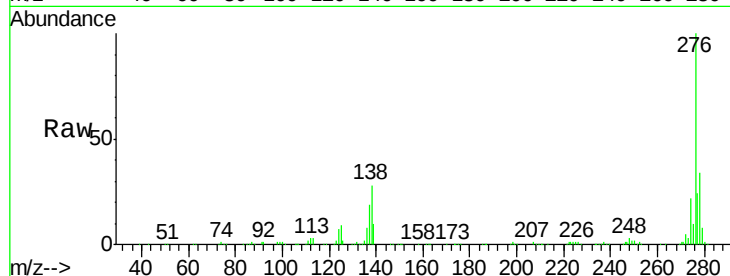
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.13 ng
RT: 16.74 min Scan# 1326
Delta R.T. -0.05 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Instrument :
BNA_F
ClientSampleId :
PB91213BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	31.3	0.0	0.0#
277	25.3	0.0	0.0#

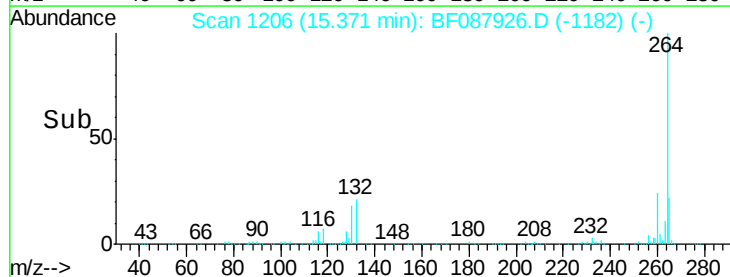
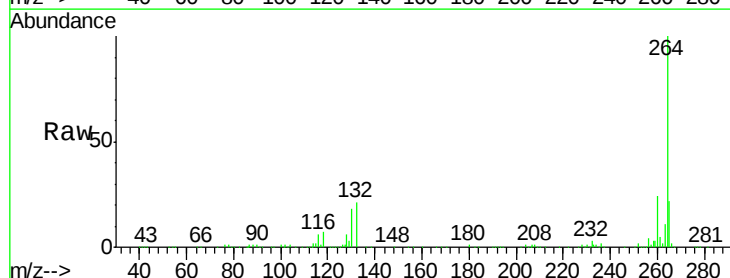
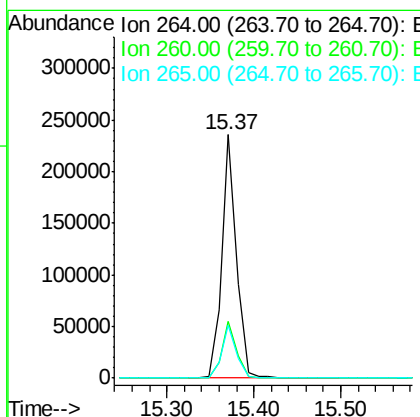
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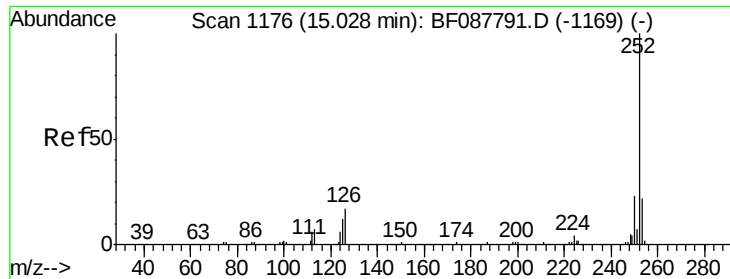
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 37.06 ng m

RT: 14.97 min Scan# 1171

Delta R.T. -0.02 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Instrument :

BNA_F

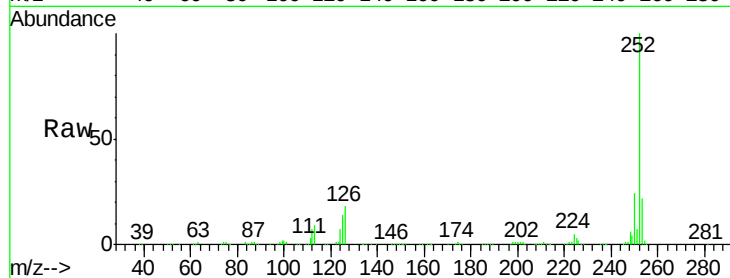
ClientSampleId :

PB91213BS

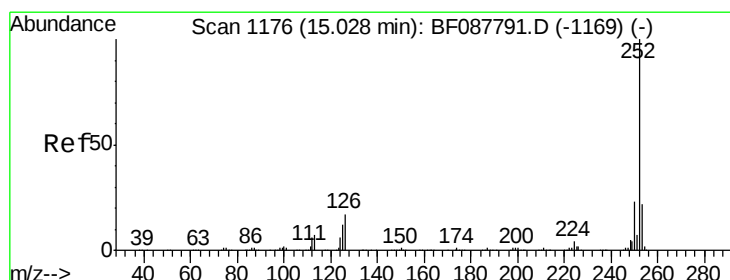
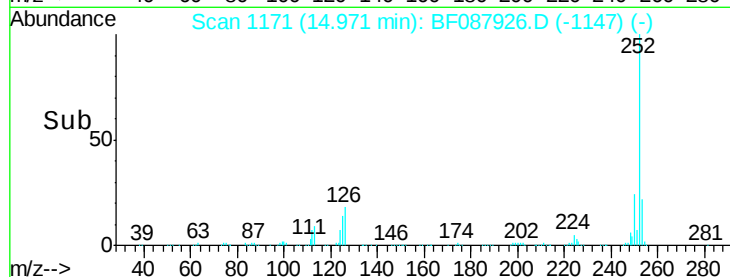
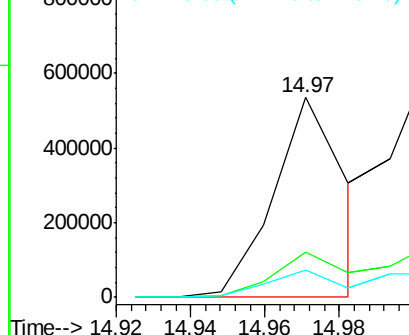
Tot Ion:	252	Resp:	720049
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.2
125	13.8	7.1	10.7#

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



#88

Benzo(k)fluoranthene

Concen: 50.74 ng m

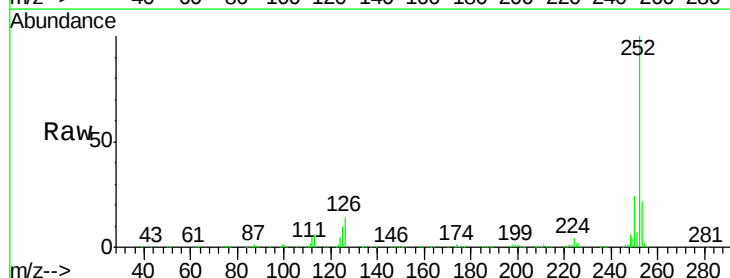
RT: 15.01 min Scan# 1174

Delta R.T. -0.02 min

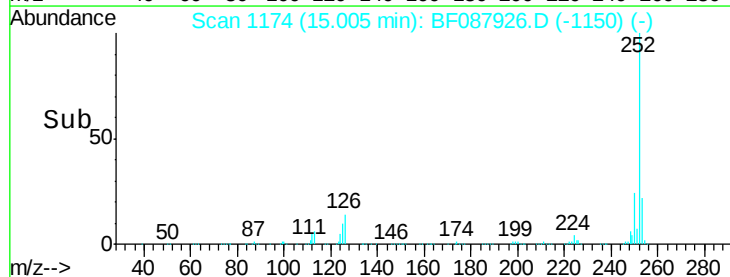
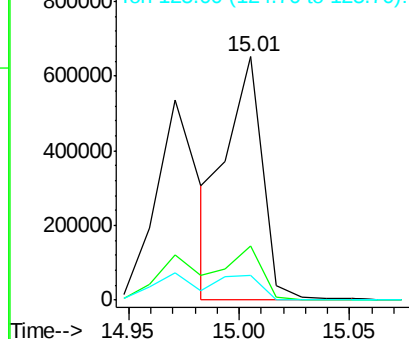
Lab File: BF087926.D

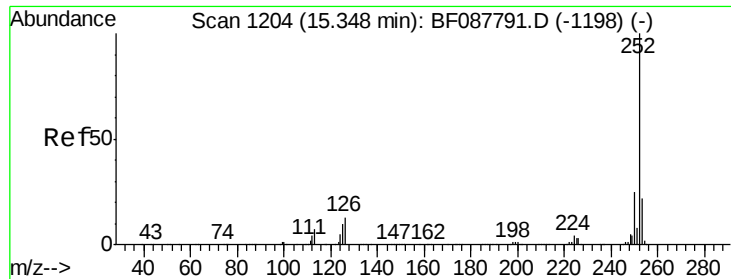
Acq: 12 Jun 2016 3:53

Tgt Ion:	252	Resp:	743694
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.0	27.0
125	9.9	11.2	16.8#



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





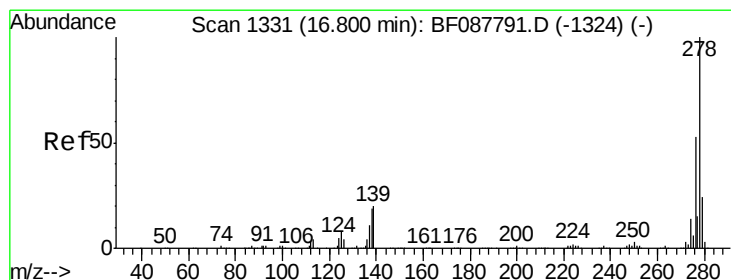
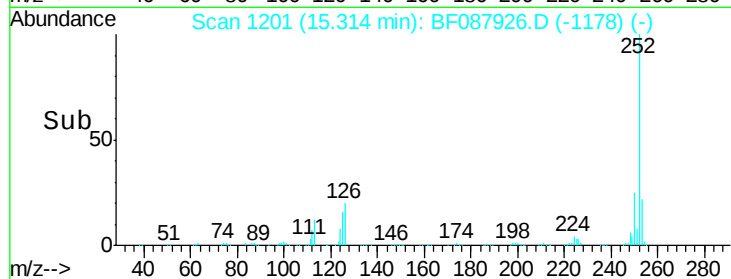
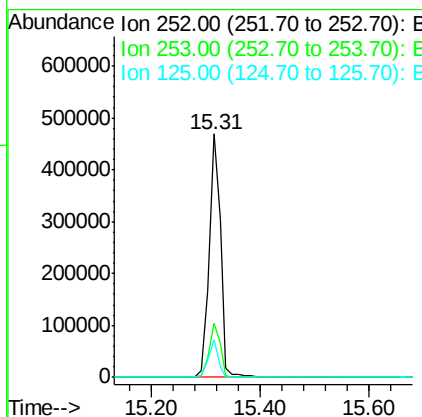
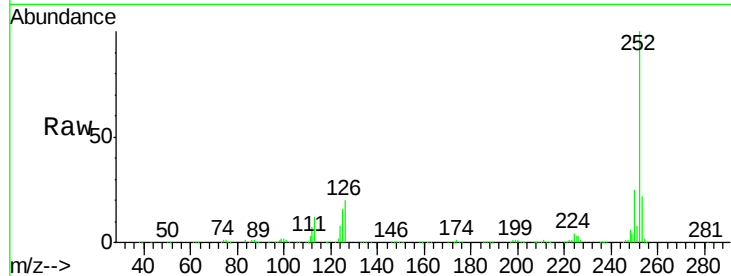
#89
Benzo(a)pyrene
Concen: 43.11 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Instrument :
BNA_F
ClientSampleId :
PB91213BS

Tot Ion:	252	Resp:	677585
Ion Ratio		Lower	Upper
252	100		
253	22.3	17.9	26.9
125	15.7	12.5	18.7

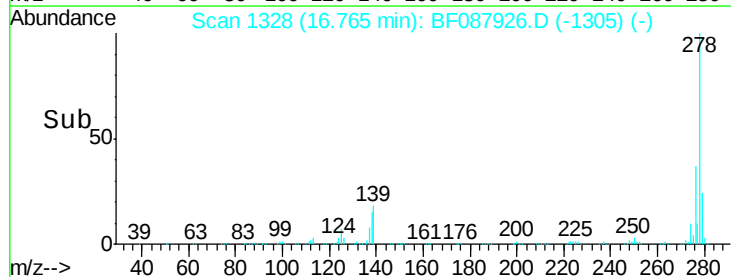
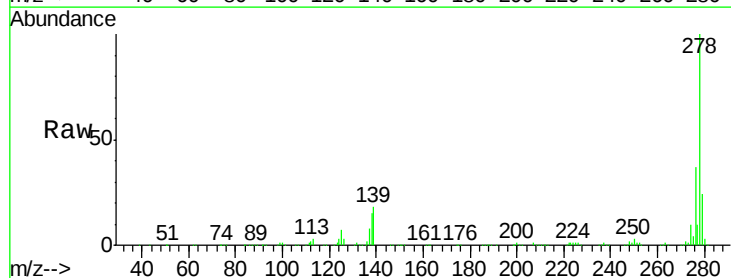
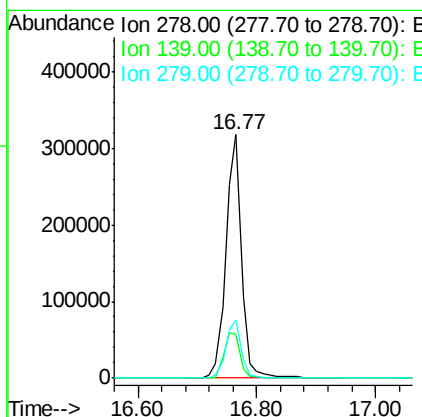
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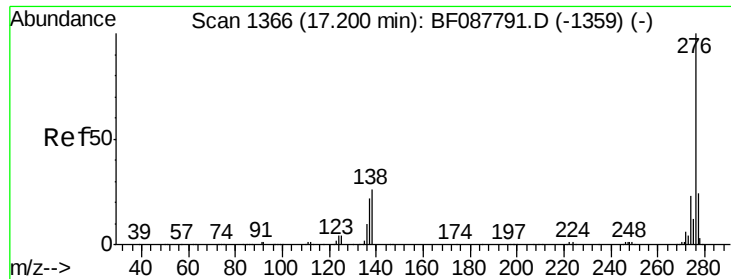
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#90
Dibenzo(a,h)anthracene
Concen: 39.65 ng
RT: 16.77 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Tgt Ion:	278	Resp:	578885
Ion Ratio		Lower	Upper
278	100		
139	17.9	15.7	23.5
279	23.9	19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 39.56 ng
 RT: 17.15 min Scan# 1362
 Delta R.T. -0.05 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91213BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	594184		
277	23.6		18.9	28.3
138	28.7		21.4	32.2

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