

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

Quant Time: Jun 12 06:01:01 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	6.82	146	334266	47.22	ng	98
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	8.59	113	38174	19.34	ng	87
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

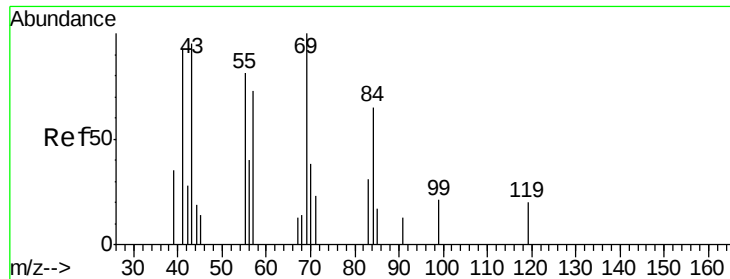
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
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 Response via : Initial Calibration

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	15.01	252	1474408	75.89	nq	98
88) Benzo(k)fluoranthene	15.01	252	1474950	100.64	nq	# 96
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

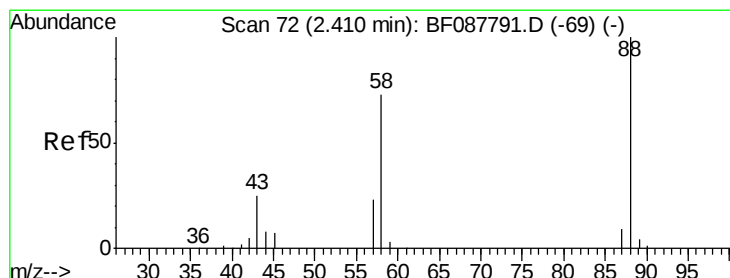
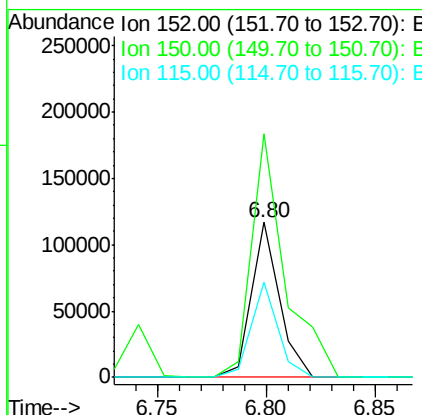
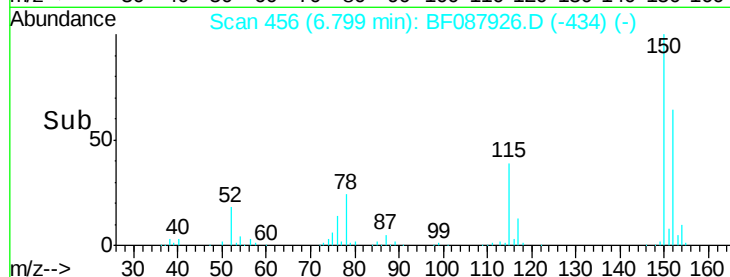
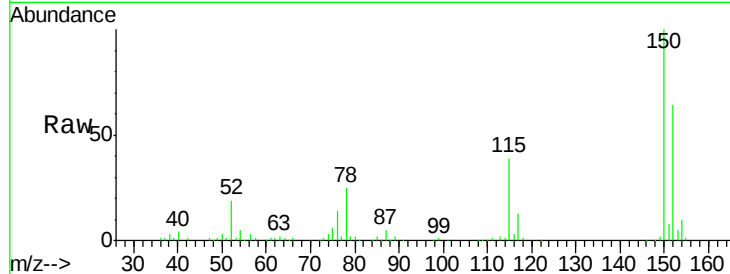
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#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

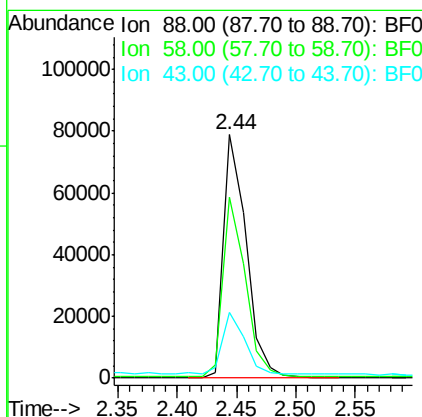
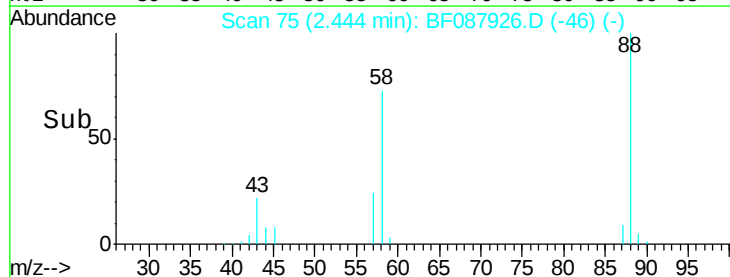
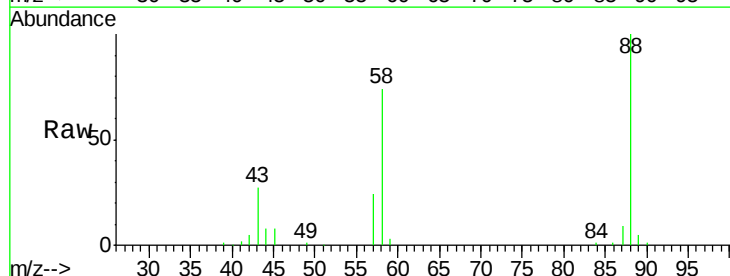
Instrument :
 BNA_F
 ClientSampleId :
 PB91213BS

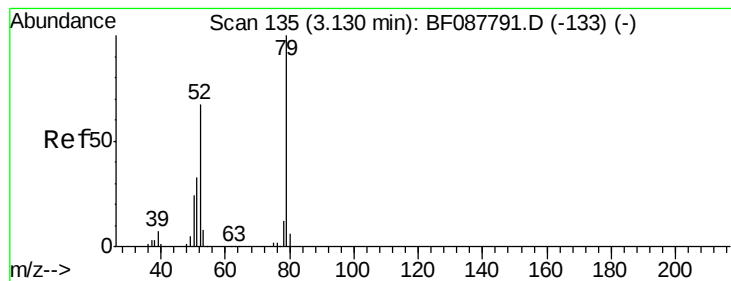
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.8	185.6
115	61.2	39.6	59.4



#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	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

Instrument :

BNA_F

ClientSampleId :

PB91213BS

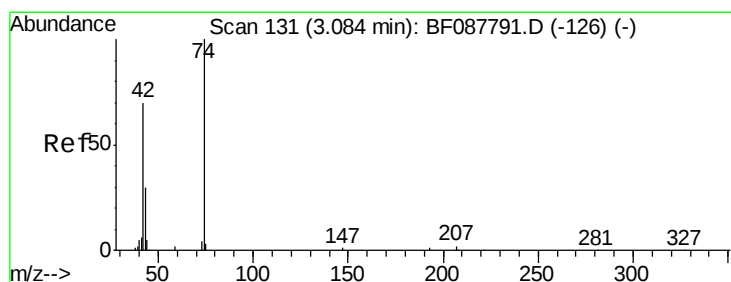
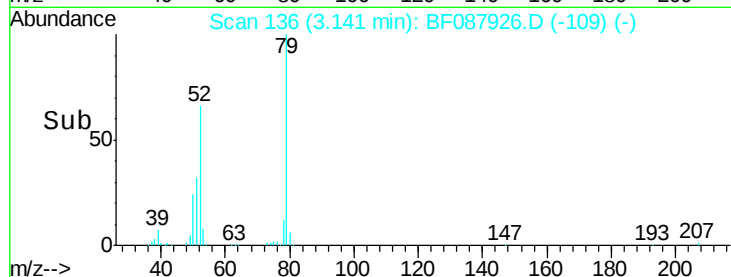
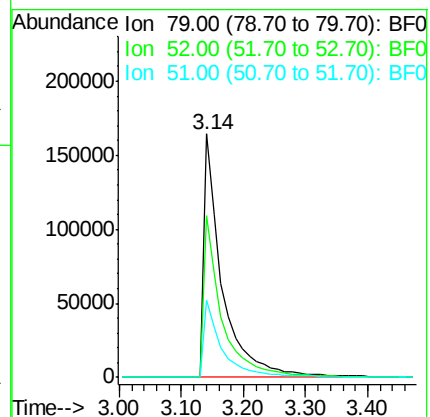
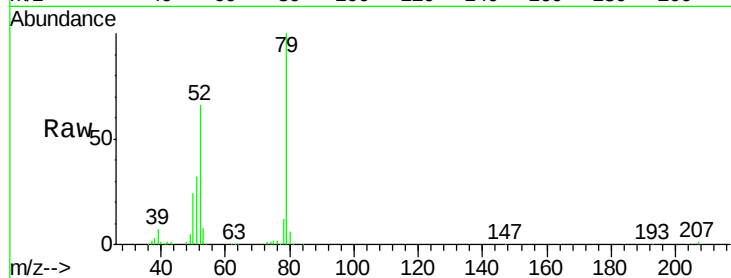
Tot Ion: 79 Resp: 335137

Ion Ratio Lower Upper

79 100

52 66.3 56.3 84.5

51 31.8 27.4 41.2



#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

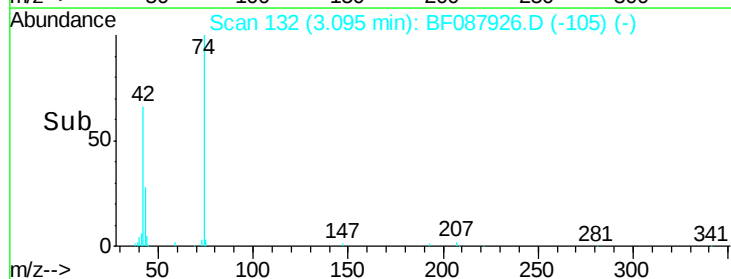
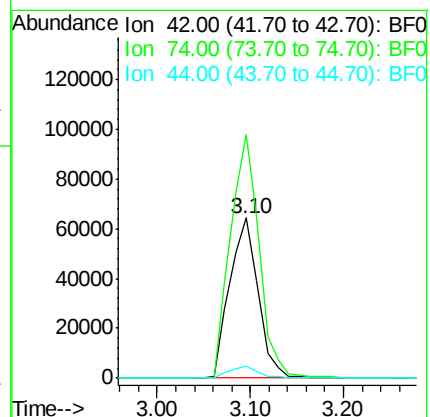
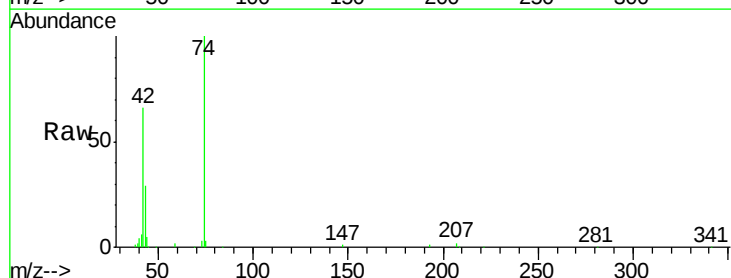
Tgt Ion: 42 Resp: 136769

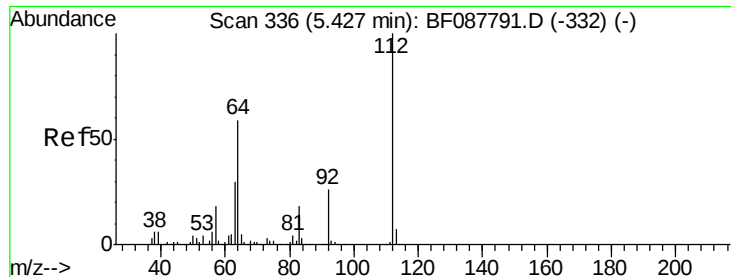
Ion Ratio Lower Upper

42 100

74 152.1 108.6 163.0

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

Instrument :

BNA_F

ClientSampleId :

PB91213BS

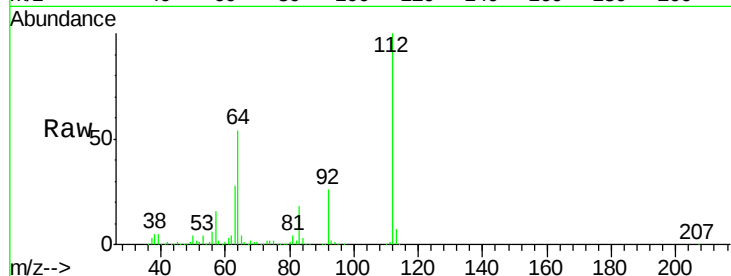
Tot Ion:112 Resp: 760972

Ion Ratio Lower Upper

112 100

64 54.1 42.2 63.2

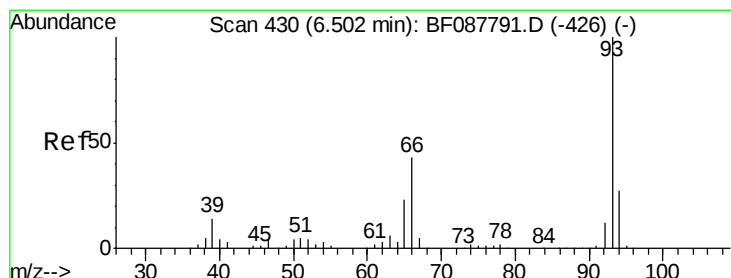
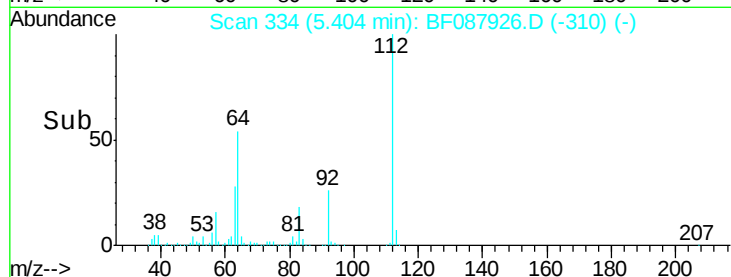
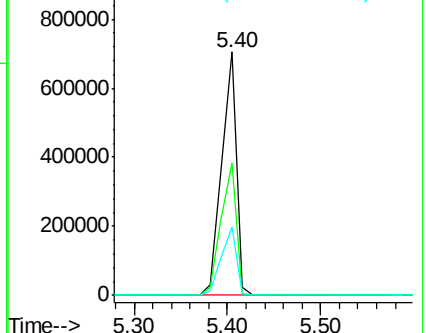
63 28.1 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.55 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.03 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

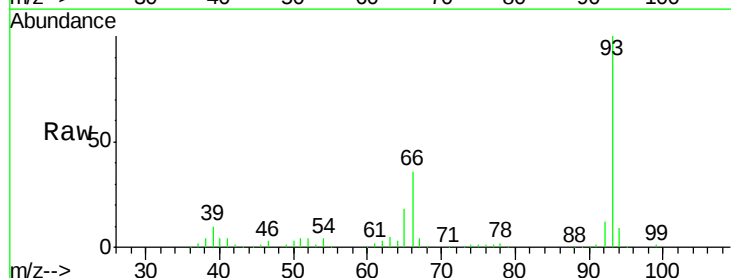
Tgt Ion: 93 Resp: 289155

Ion Ratio Lower Upper

93 100

66 35.9 29.8 44.8

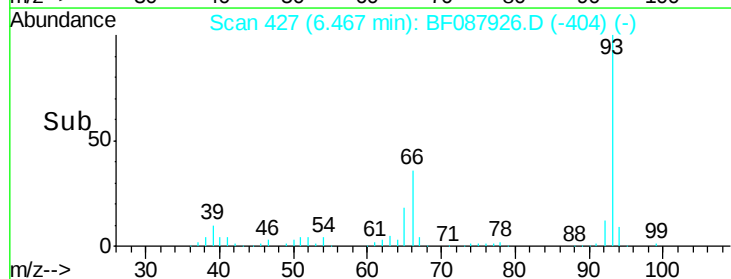
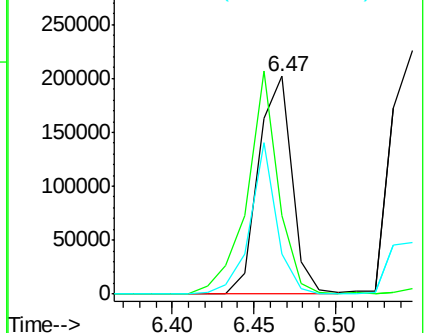
65 18.4 14.9 22.3

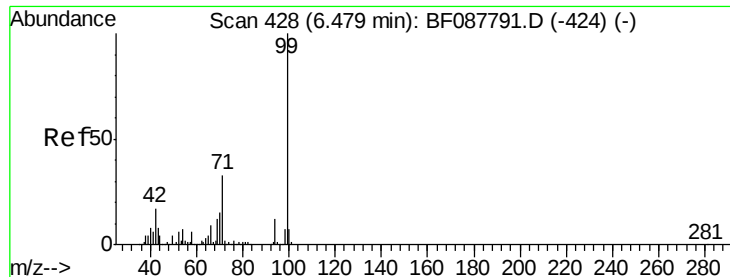


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#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

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PB91213BS

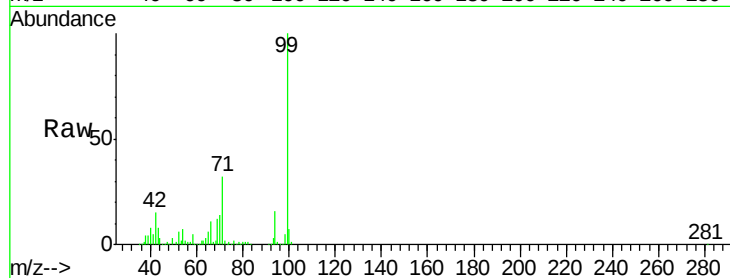
Tot Ion: 99 Resp: 881553

Ion Ratio Lower Upper

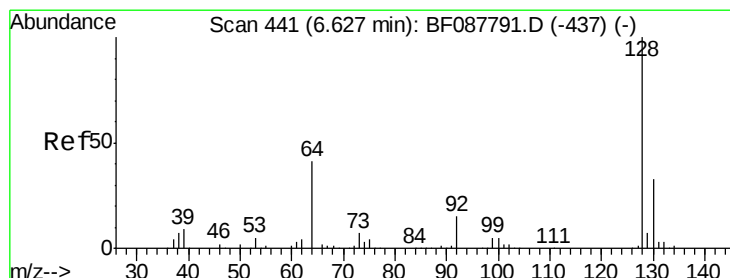
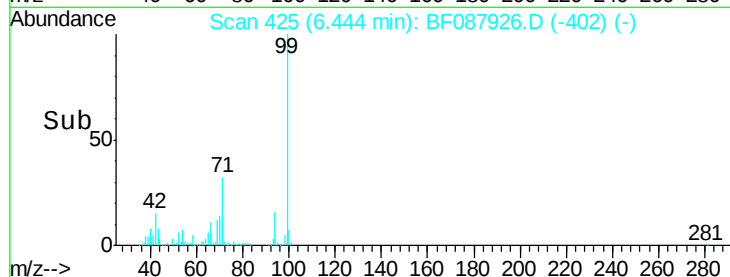
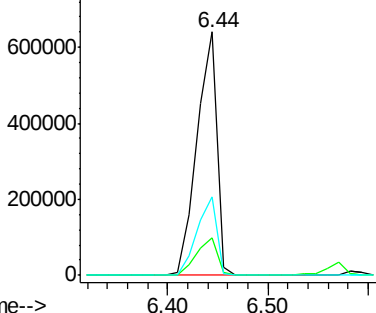
99 100

42 15.4 12.2 18.2

71 32.2 23.4 35.0



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



#8

2-Chlorophenol

Concen: 42.40 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.05 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

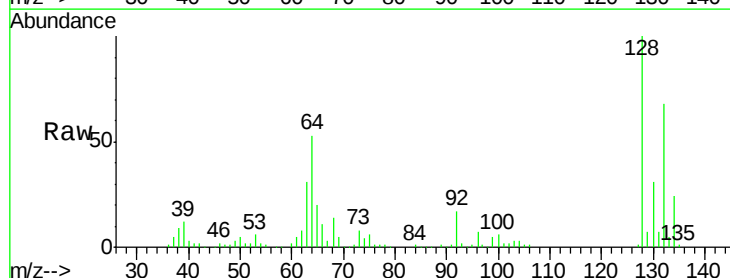
Tgt Ion: 128 Resp: 305342

Ion Ratio Lower Upper

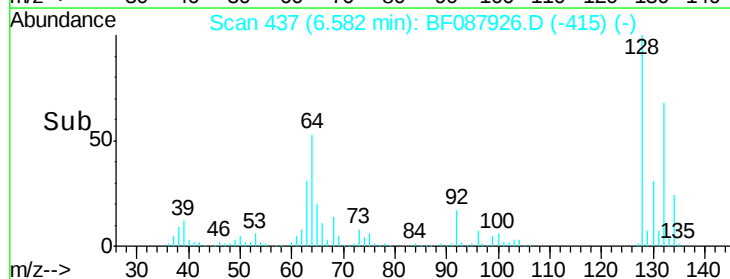
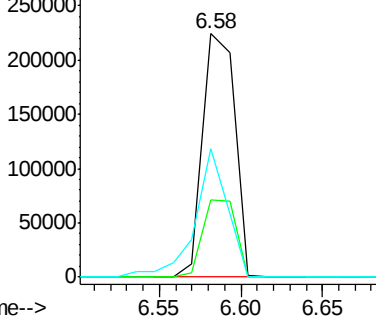
128 100

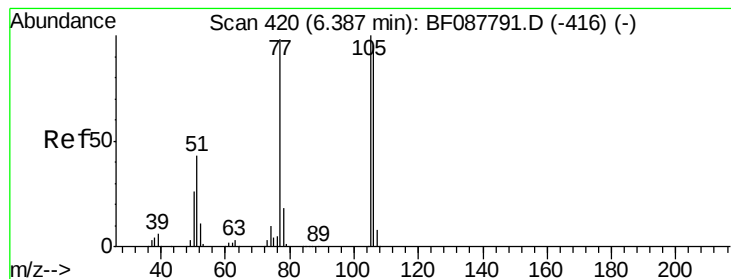
130 31.5 12.0 52.0

64 52.6 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.43 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Instrument :

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PB91213BS

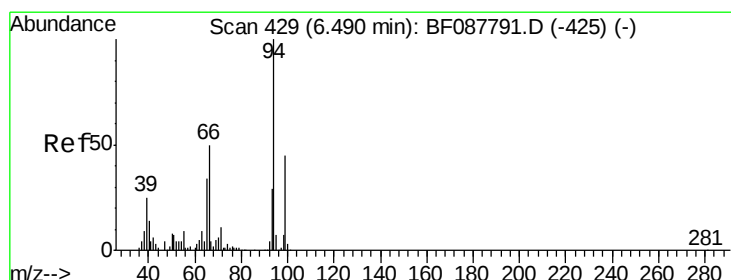
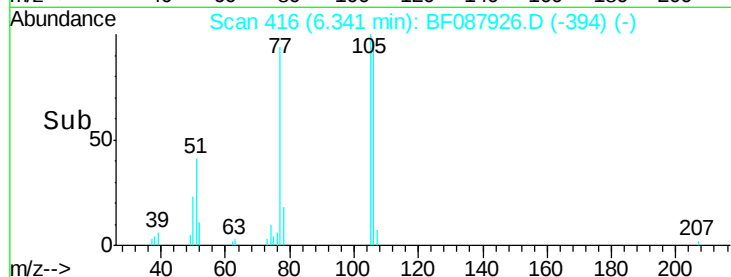
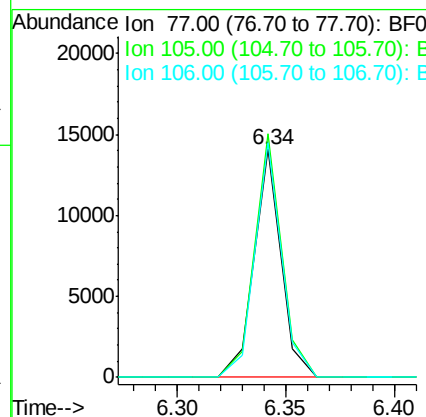
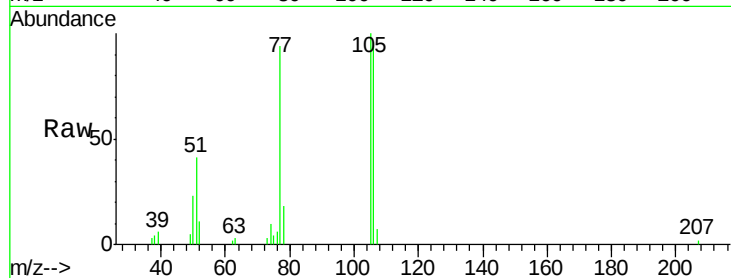
Tot Ion: 77 Resp: 12077

Ion Ratio Lower Upper

77 100

105 106.9 90.6 130.6

106 102.9 85.3 125.3



#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

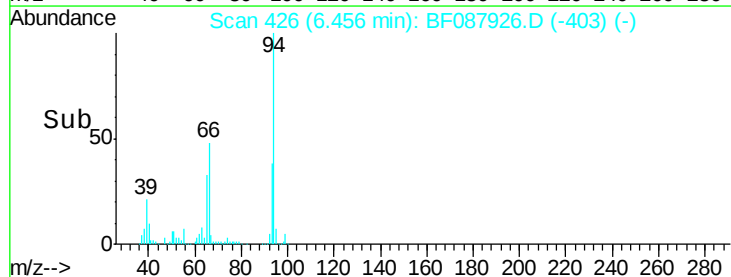
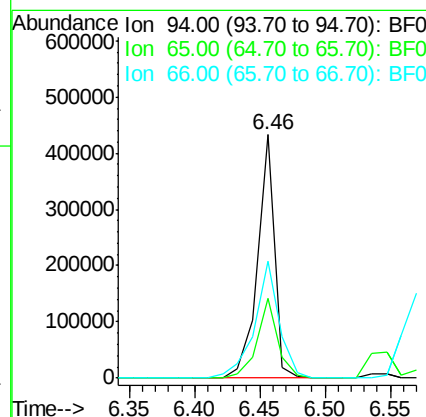
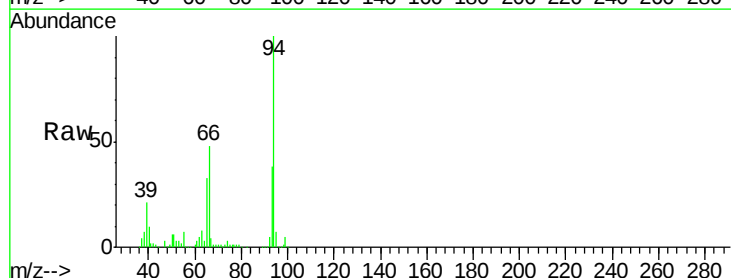
Tgt Ion: 94 Resp: 395936

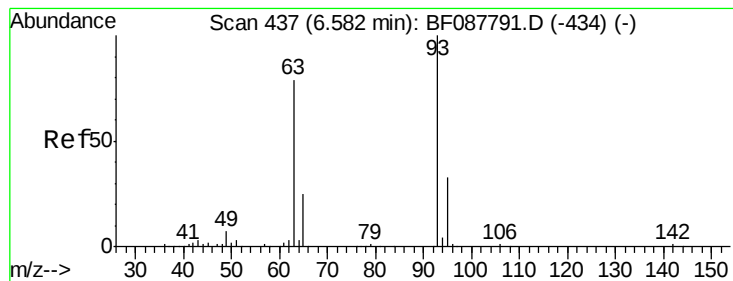
Ion Ratio Lower Upper

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

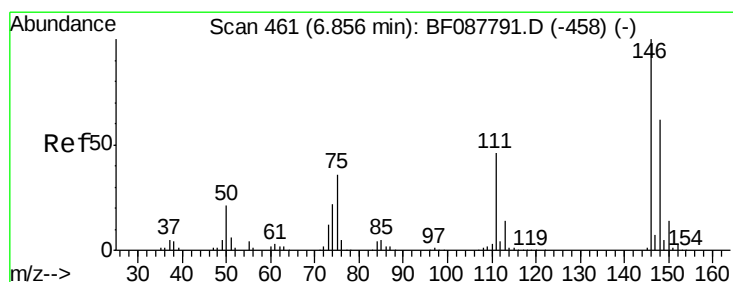
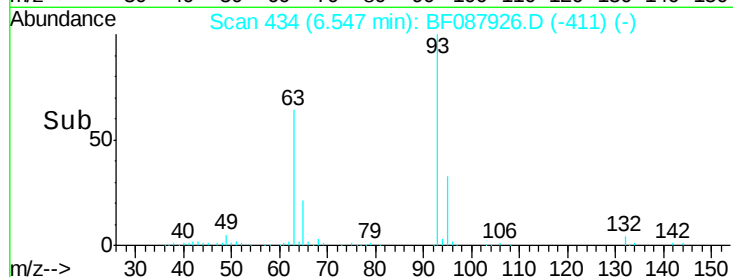
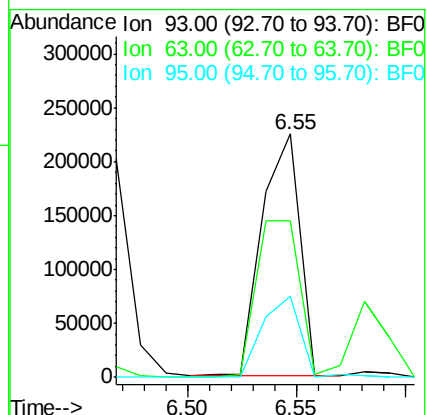
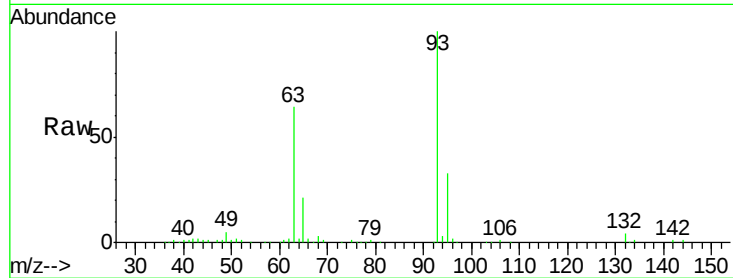
Tot Ion: 93 Resp: 273665

Ion Ratio Lower Upper

93 100

63 64.1 67.6 107.6#

95 33.2 12.5 52.5



#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

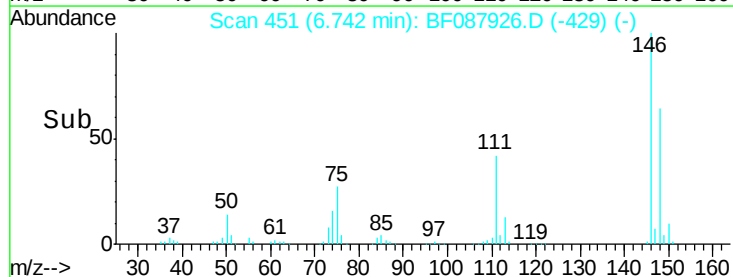
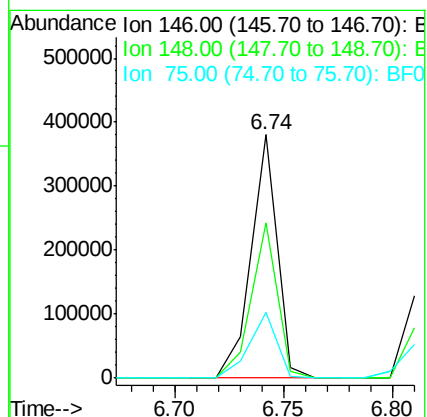
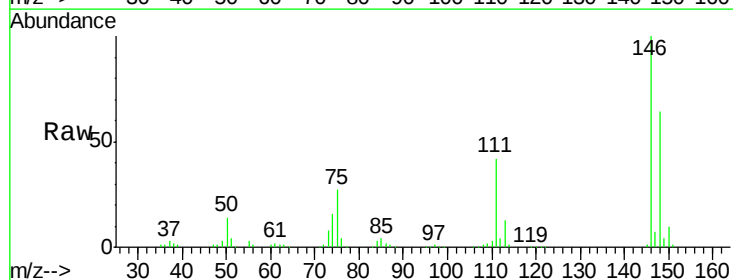
Tgt Ion: 146 Resp: 316332

Ion Ratio Lower Upper

146 100

148 63.9 50.9 76.3

75 27.2 25.6 38.4

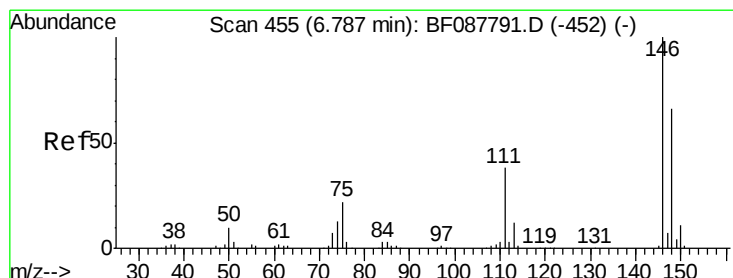
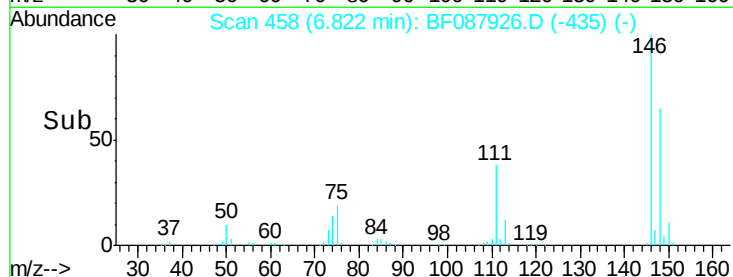
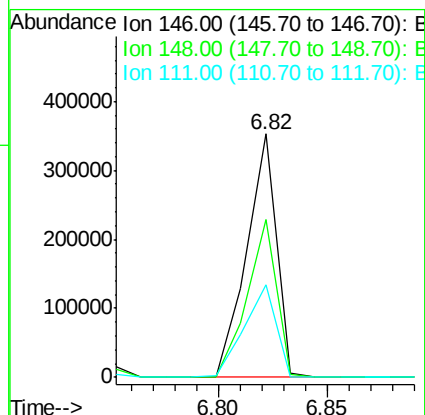
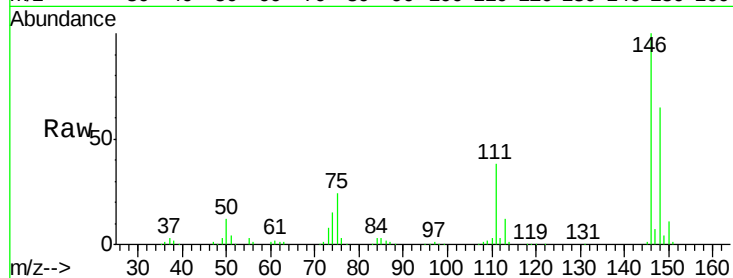




#13
 1,4-Dichlorobenzene
 Concen: 42.94 ng
 RT: 6.82 min Scan# 458
 Delta R.T. -0.03 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

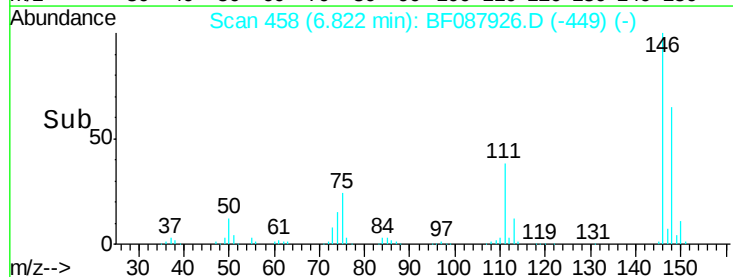
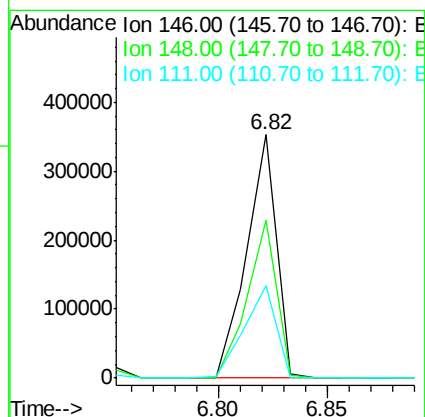
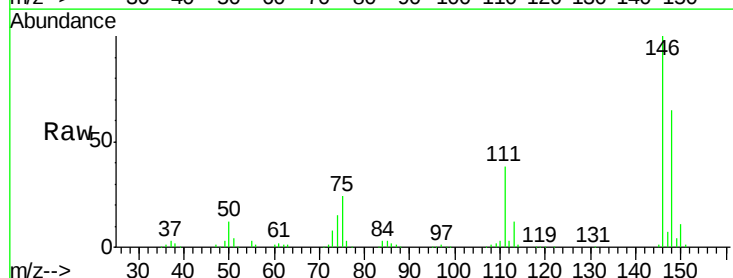
Instrument :
 BNA_F
 ClientSampleId :
 PB91213BS

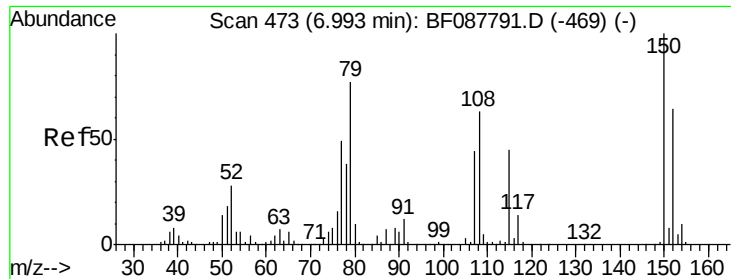
Tot Ion:146 Resp: 334266
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.0 78.0
 111 38.2 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 47.22 ng
 RT: 6.82 min Scan# 458
 Delta R.T. -0.19 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

Tgt Ion:146 Resp: 334266
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.3 78.5
 111 38.2 28.7 43.1

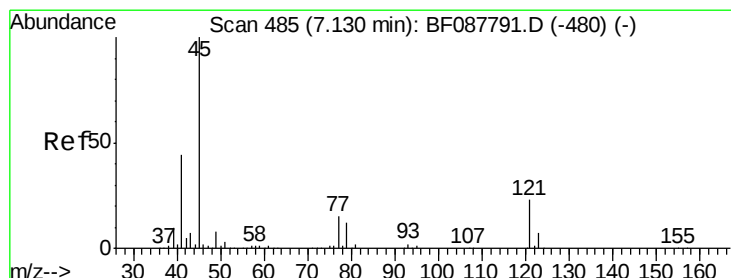
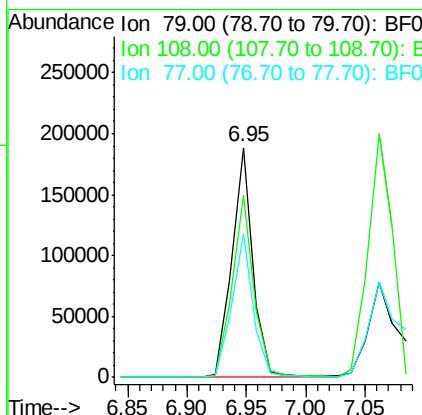
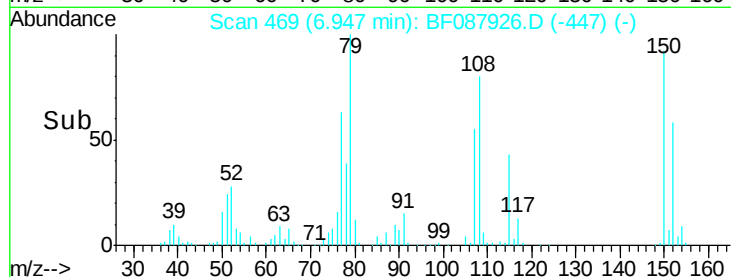
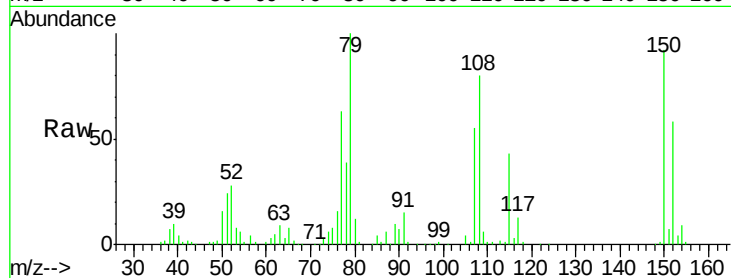




#15
Benzyl Alcohol
Concen: 40.52 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.05 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

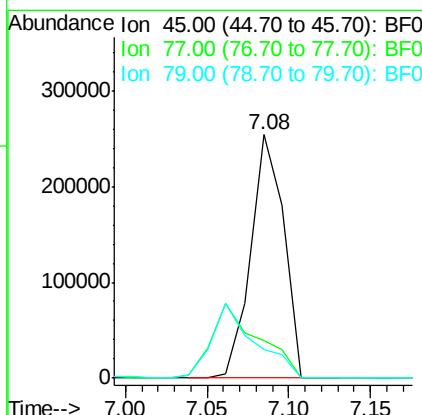
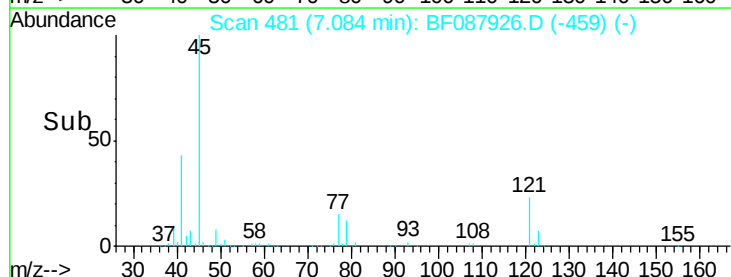
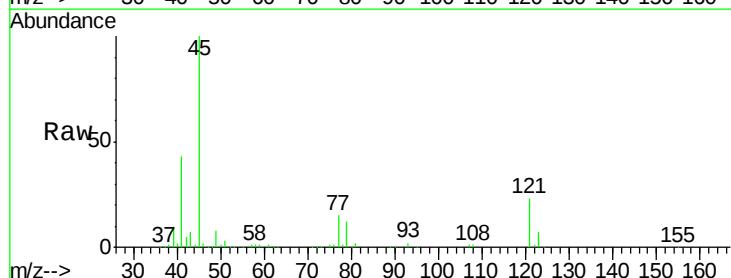
Instrument :
BNA_F
ClientSampleId :
PB91213BS

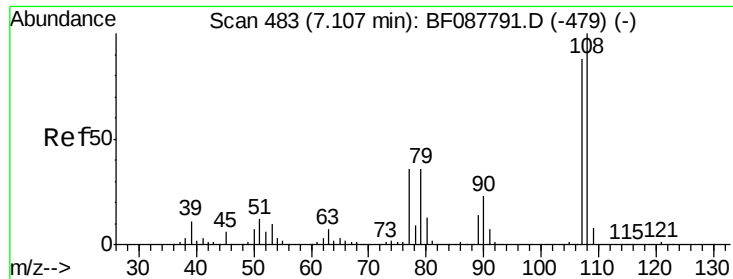
Tot Ion: 79 Resp: 233745
Ion Ratio Lower Upper
79 100
108 79.6 65.0 97.6
77 62.6 50.3 75.5



#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: 45 Resp: 355706
Ion Ratio Lower Upper
45 100
77 15.3 0.0 32.5
79 11.5 0.0 29.5

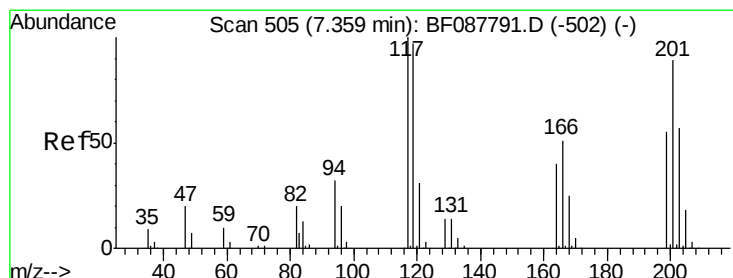
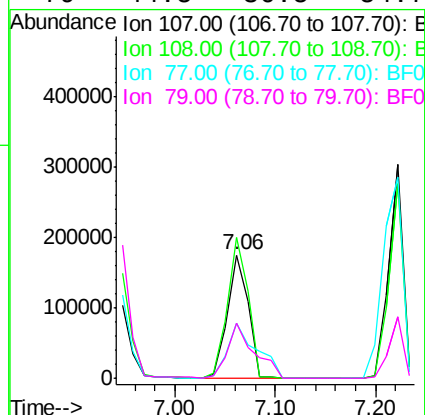
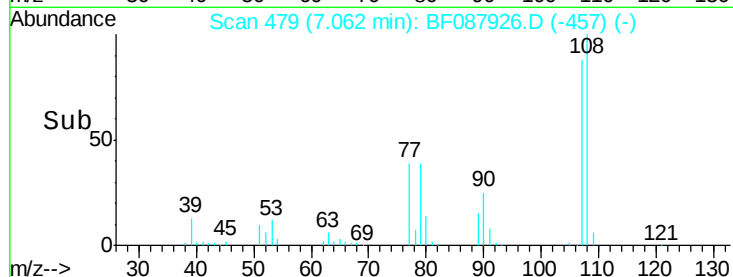
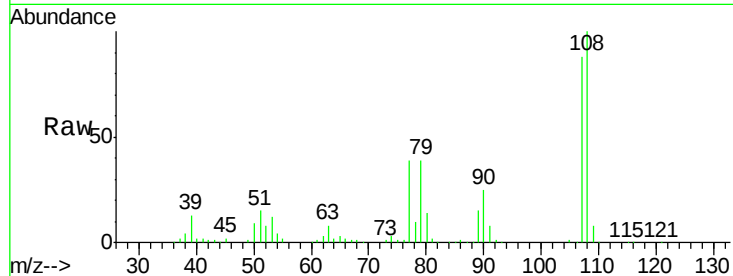




#17
2-Methylphenol
Concen: 43.03 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.05 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

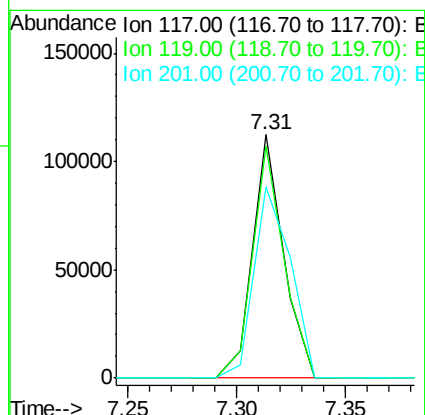
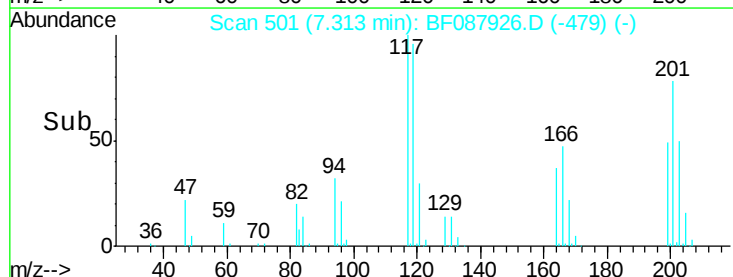
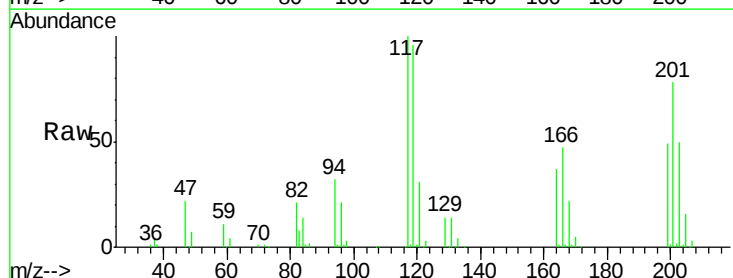
Instrument :
BNA_F
ClientSampleId :
PB91213BS

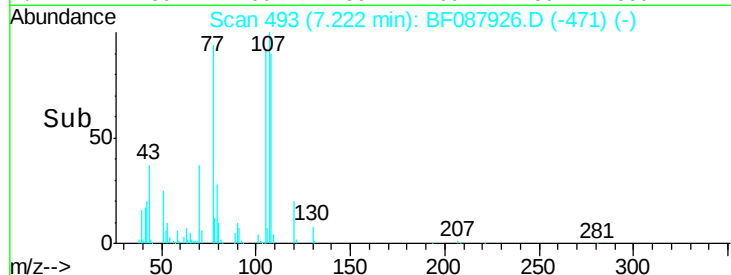
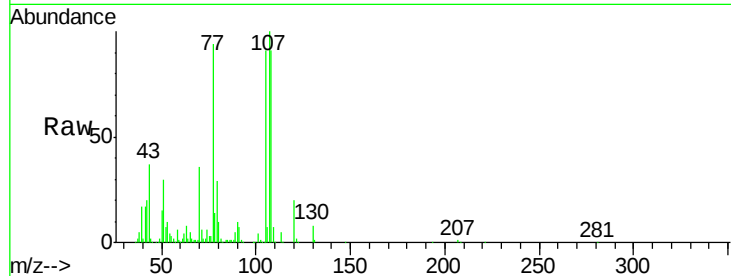
Tot Ion:	107	Resp:	251299
Ion	Ratio	Lower	Upper
107	100		
108	113.8	90.9	136.3
77	44.8	36.6	55.0
79	44.5	36.5	54.7



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

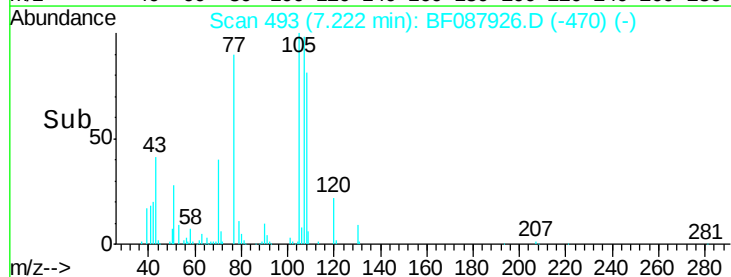
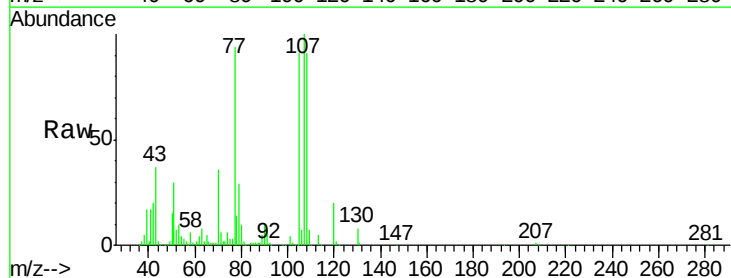
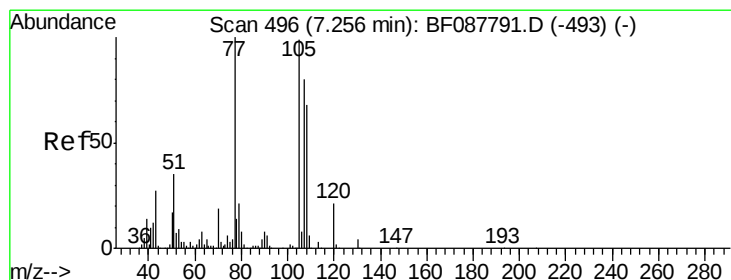
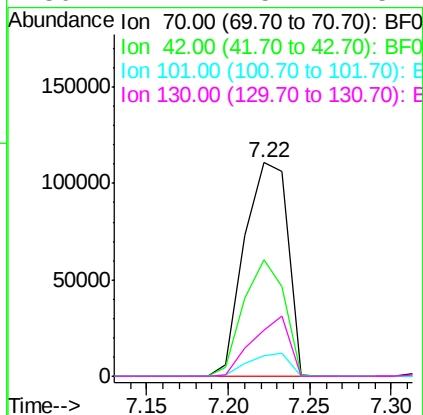




#19
n-Nitroso-di-n-propylamine
Concen: 43.07 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.05 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

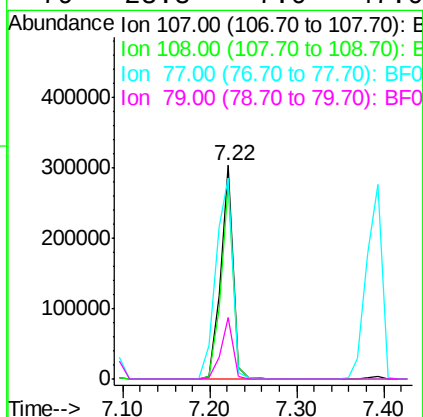
Instrument :
BNA_F
ClientSampleId :
PB91213BS

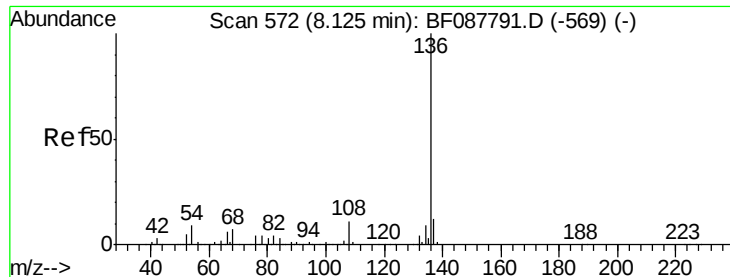
Tot Ion:	70	Resp:	203173
Ion	Ratio	Lower	Upper
70	100		
42	54.3	49.6	74.4
101	9.7	7.1	10.7
130	21.7	15.4	23.2



#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:	107	Resp:	307865
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

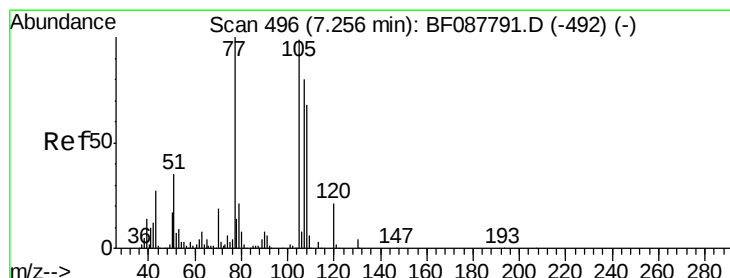
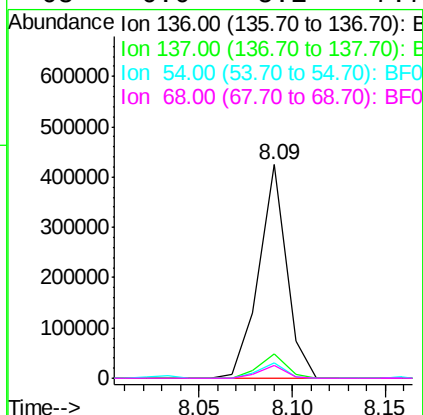
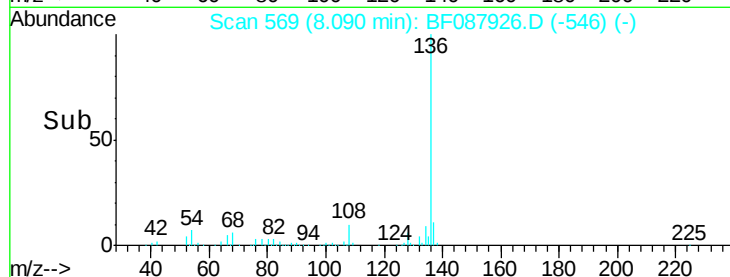
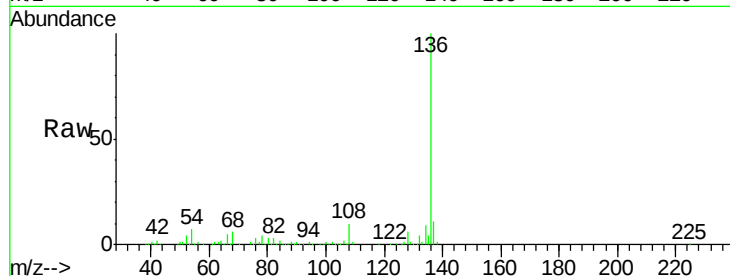




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

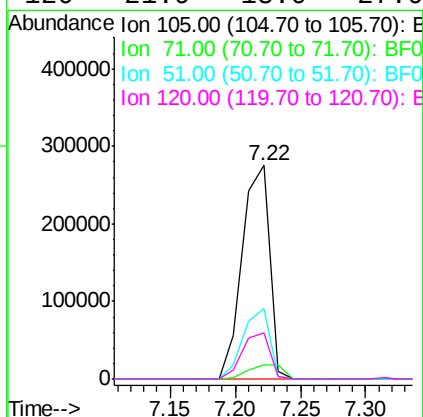
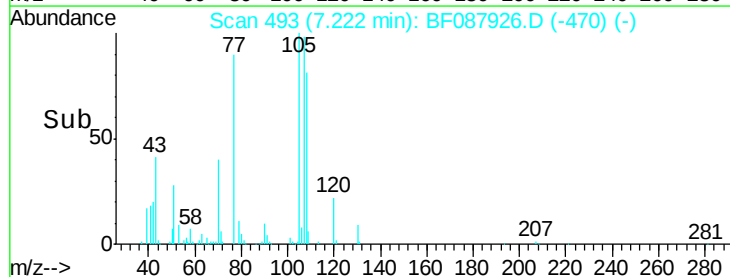
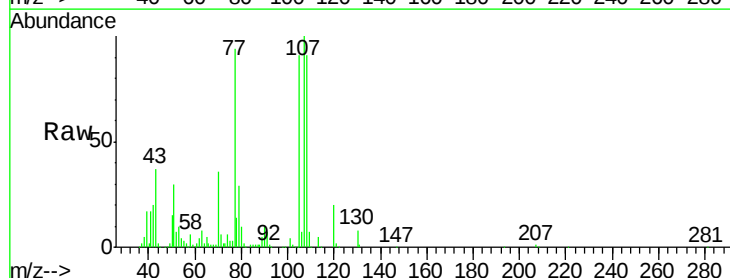
Instrument :
BNA_F
ClientSampleId :
PB91213BS

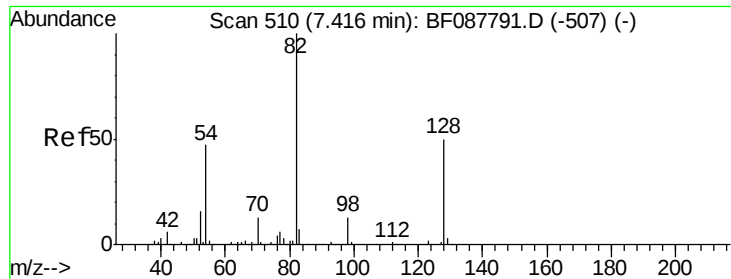
Tot Ion:136	Resp:	436137
Ion Ratio	Lower	Upper
136 100		
137 11.3	9.1	13.7
54 7.3	6.6	10.0
68 6.0	5.1	7.7



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

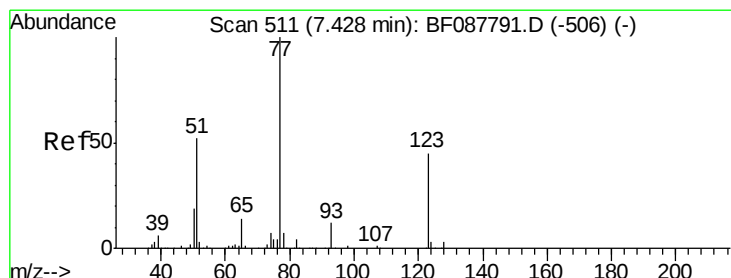
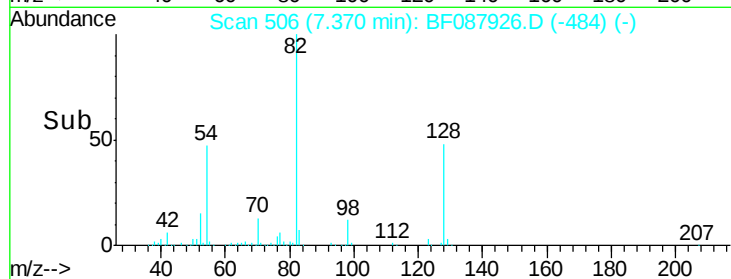
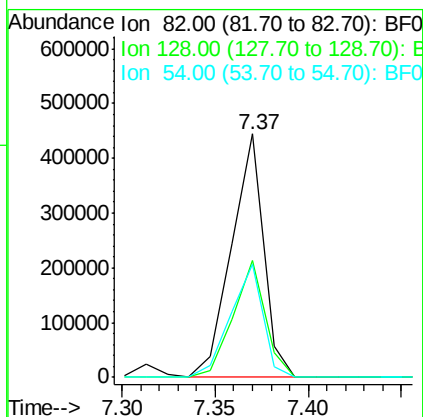
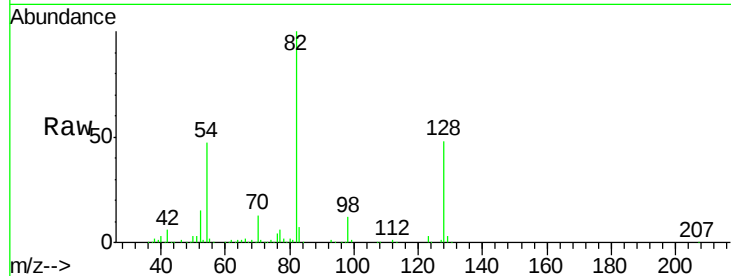




#23
Nitrobenzene-d5
Concen: 71.86 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

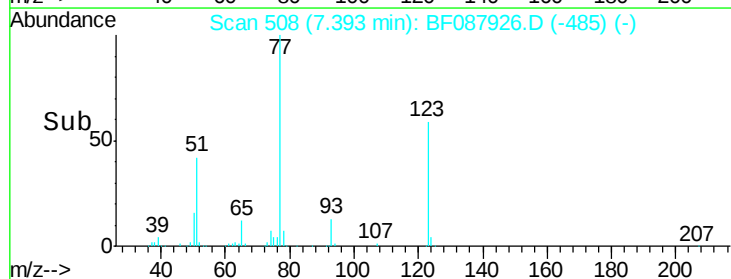
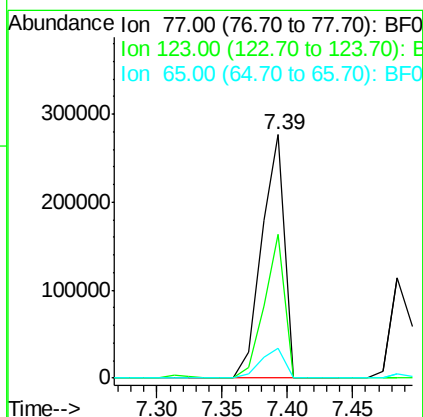
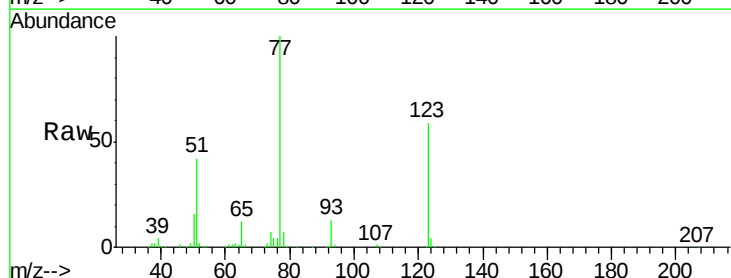
Instrument :
BNA_F
ClientSampleId :
PB91213BS

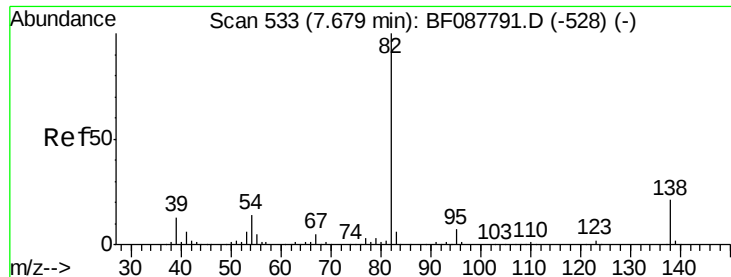
Tot Ion	82	Resp	536706
Ion Ratio	Lower	Upper	
82	100		
128	47.8	35.9	53.9
54	46.6	40.9	61.3



#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	77	Resp	334283
Ion Ratio	Lower	Upper	
77	100		
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

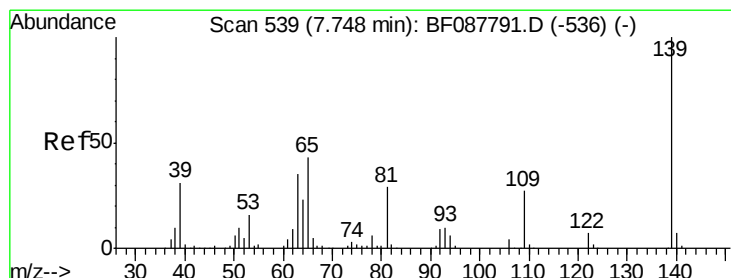
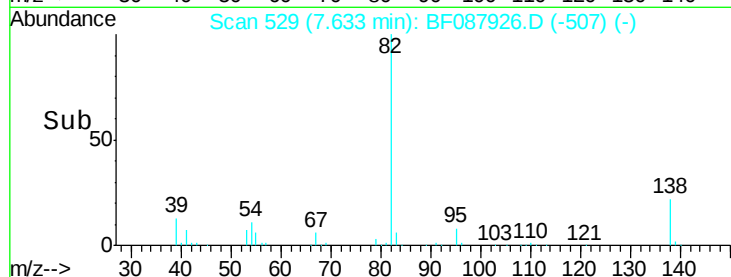
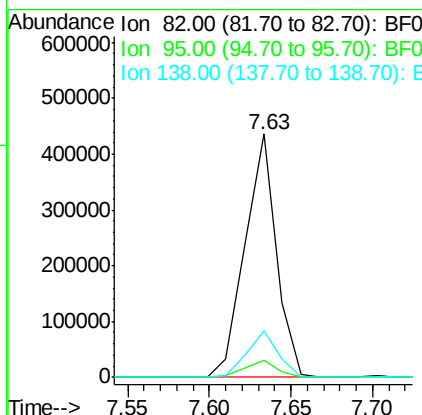
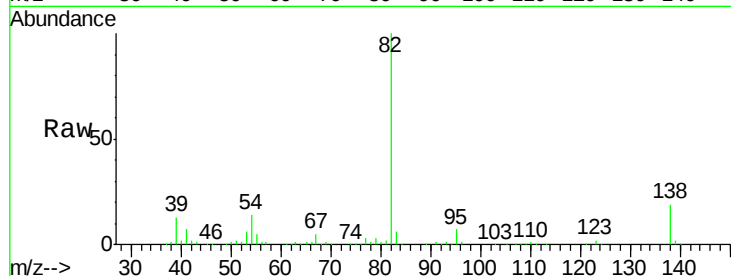
Tot Ion: 82 Resp: 579777

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 19.1 14.6 21.8



#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

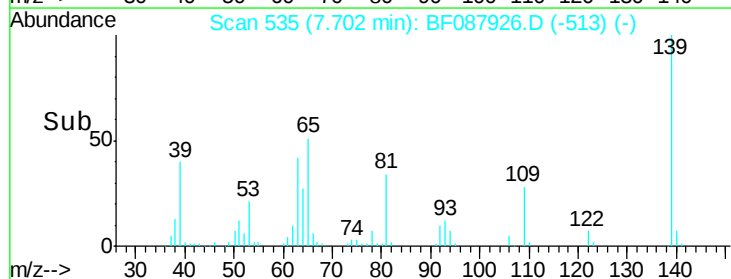
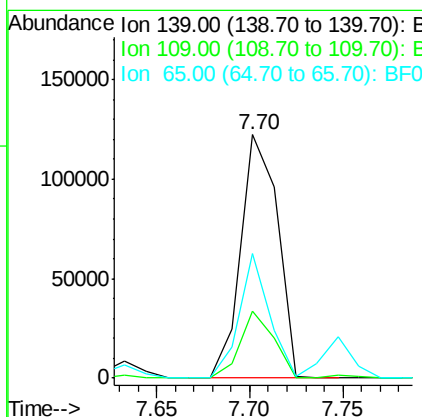
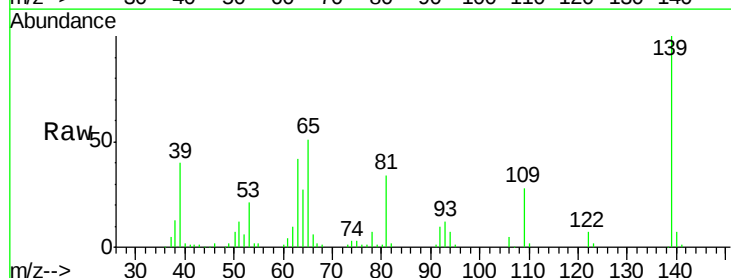
Tgt Ion: 139 Resp: 167359

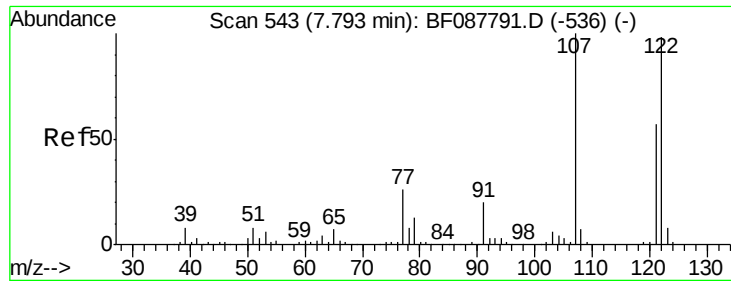
Ion Ratio Lower Upper

139 100

109 27.7 23.0 34.4

65 50.9 45.8 68.8

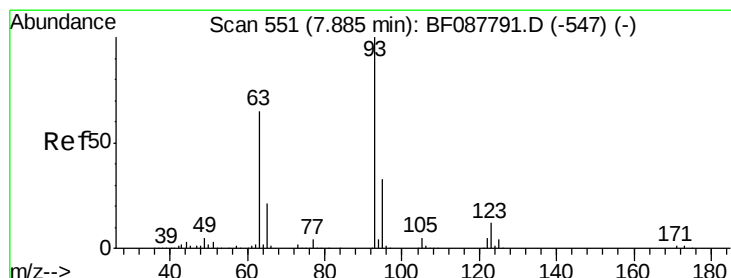
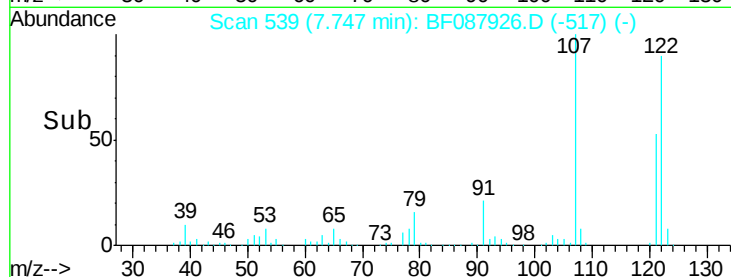
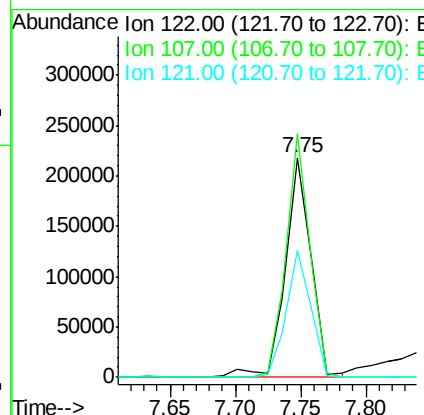
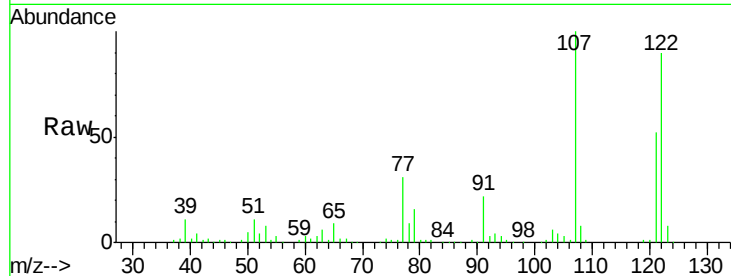




#27
 2,4-Dimethylphenol
 Concen: 41.51 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.05 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

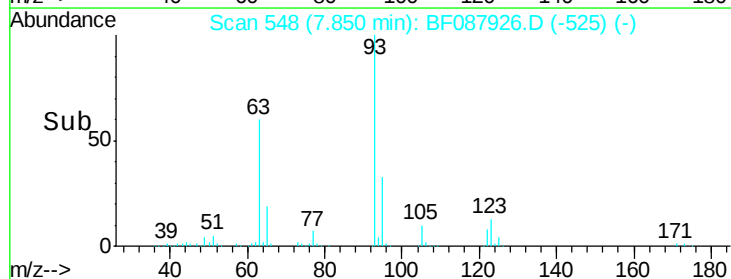
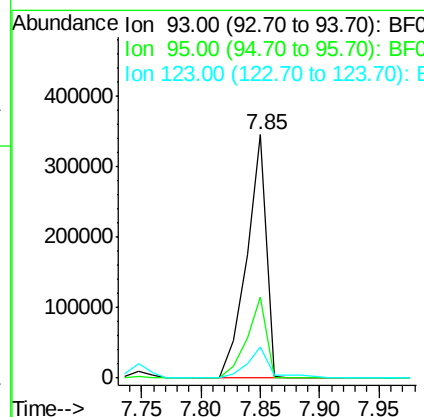
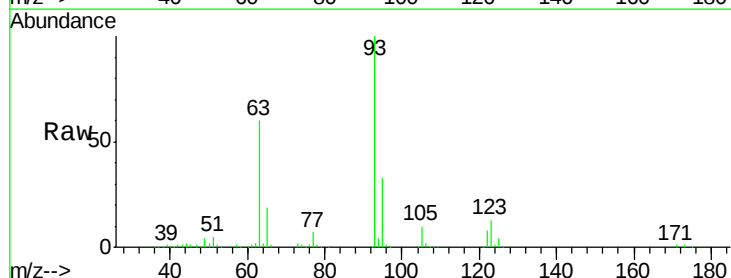
Instrument :
 BNA_F
 ClientSampleId :
 PB91213BS

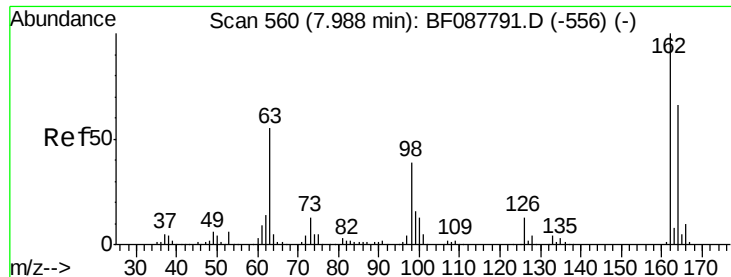
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.9	82.4	123.6
121	58.2	46.3	69.5



#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	Lower	Upper
93	100		
95	33.2	26.5	39.7
123	12.6	11.6	17.4

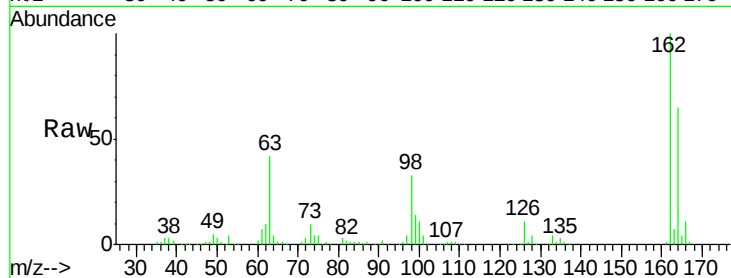




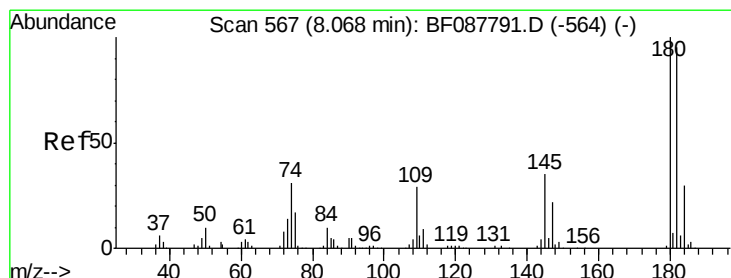
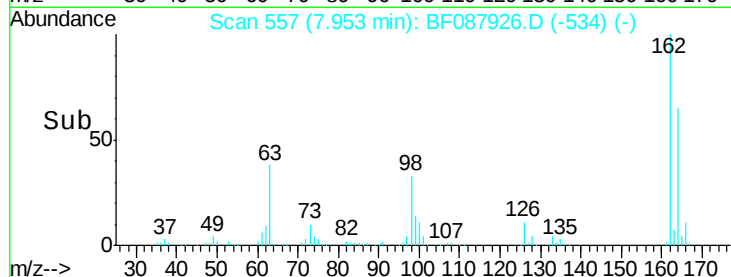
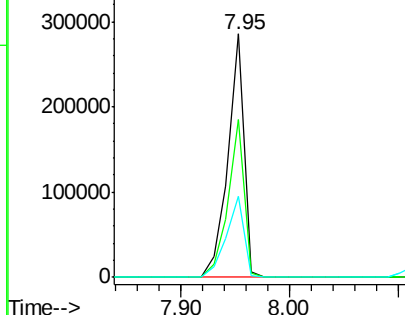
#29
 2,4-Dichlorophenol
 Concen: 49.27 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.03 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91213BS

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

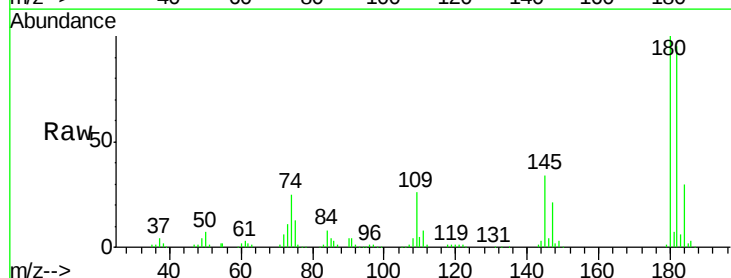


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

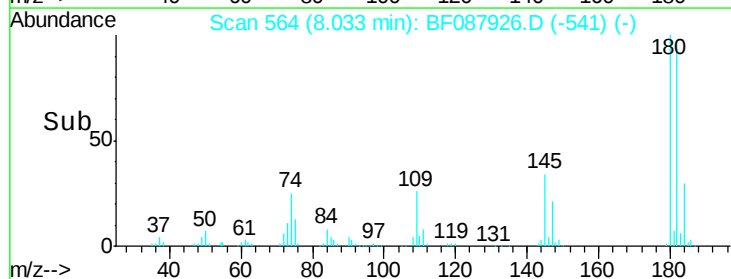
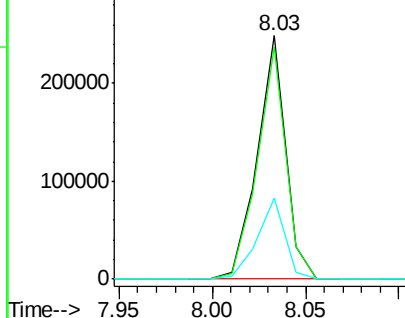


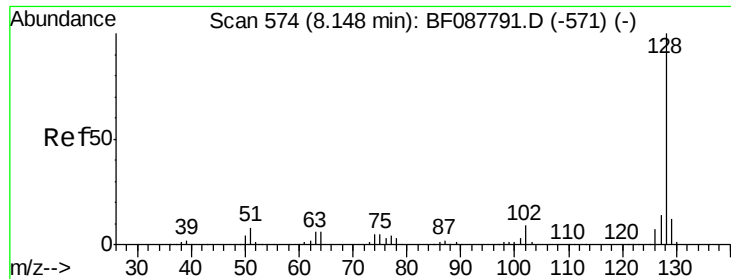
#30
 1,2,4-Trichlorobenzene
 Concen: 40.30 ng
 RT: 8.03 min Scan# 564
 Delta R.T. -0.03 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

Tgt Ion	Ratio	Lower	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

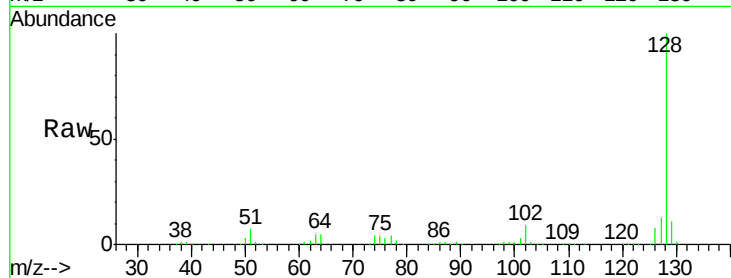




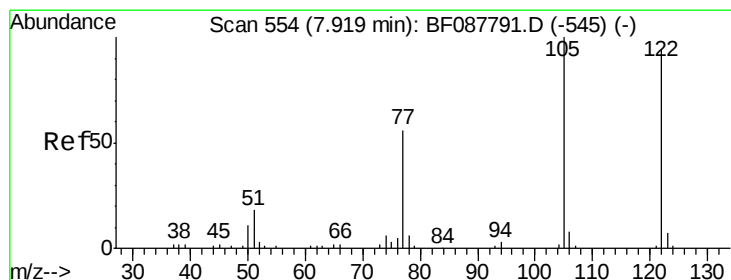
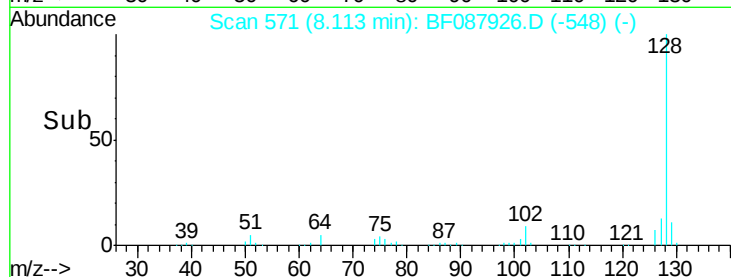
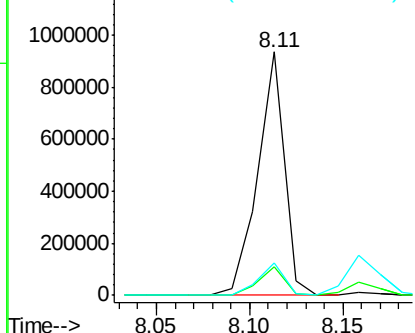
#31
Naphthalene
Concen: 42.66 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

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

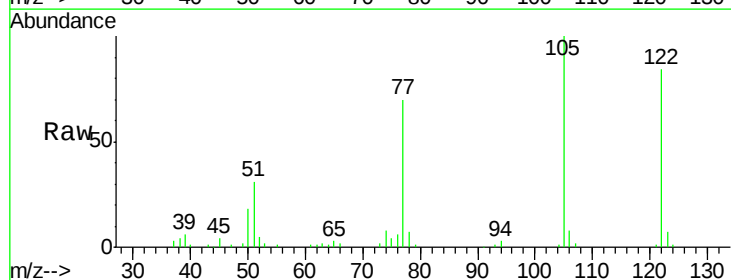


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

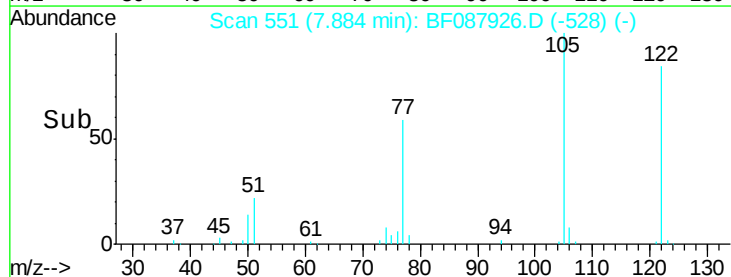
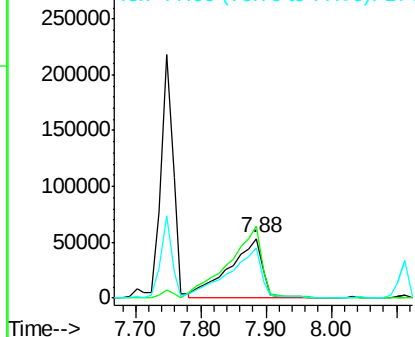


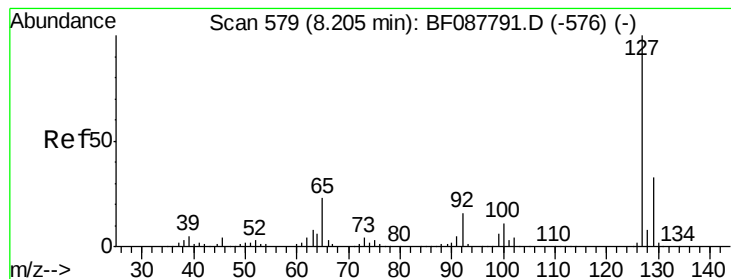
#32
Benzoic acid
Concen: 48.25 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

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:127 Resp: 198742

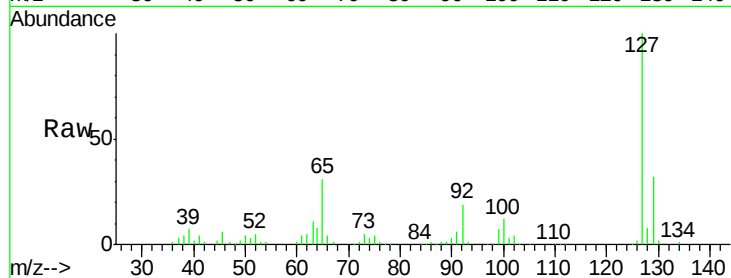
Ion Ratio Lower Upper

127 100

129 31.8 26.3 39.5

65 31.3 24.7 37.1

92 18.7 15.4 23.0

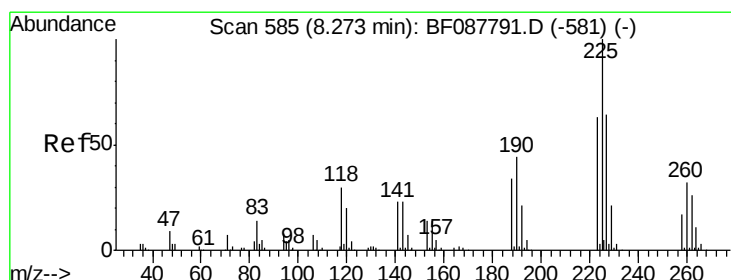
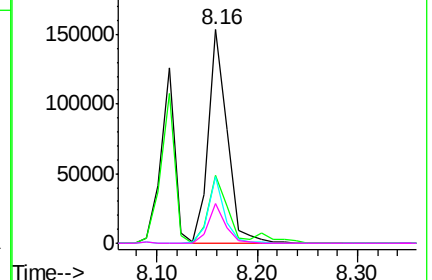
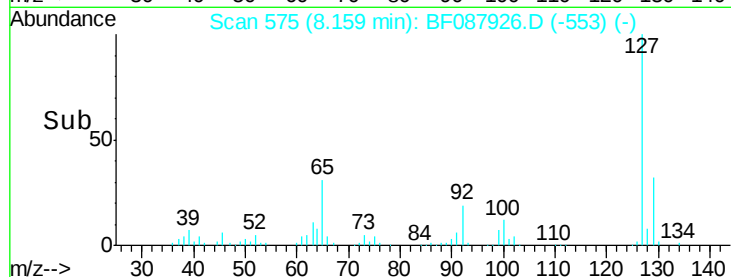


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 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

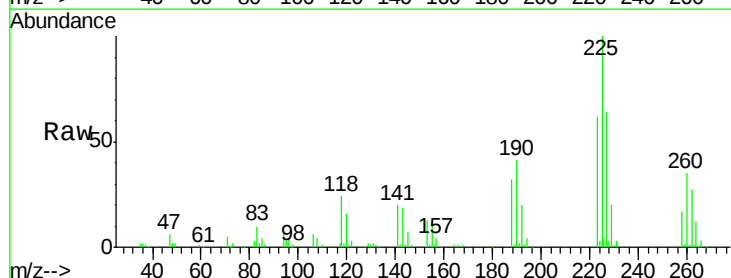
Tgt Ion:225 Resp: 141019

Ion Ratio Lower Upper

225 100

223 61.7 50.9 76.3

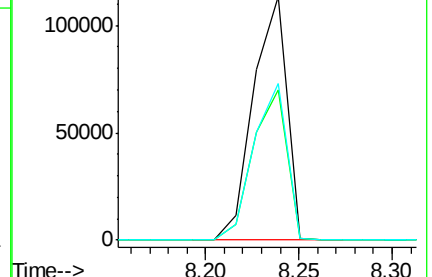
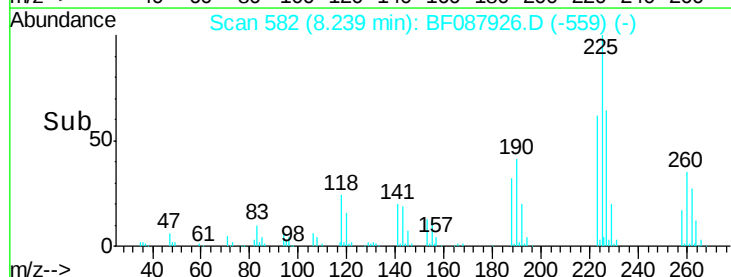
227 64.5 51.9 77.9

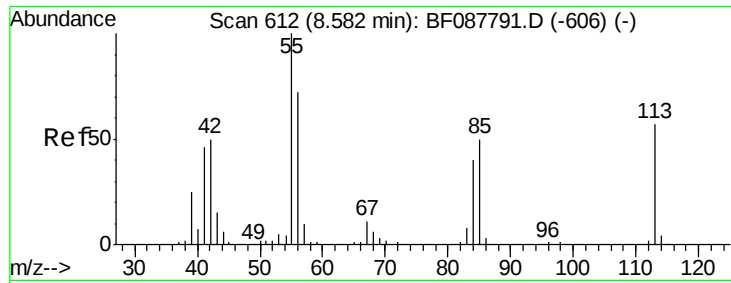


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

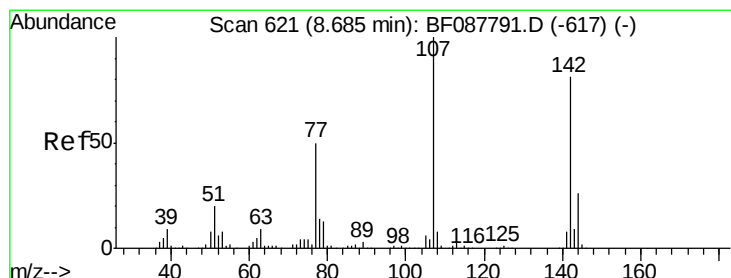
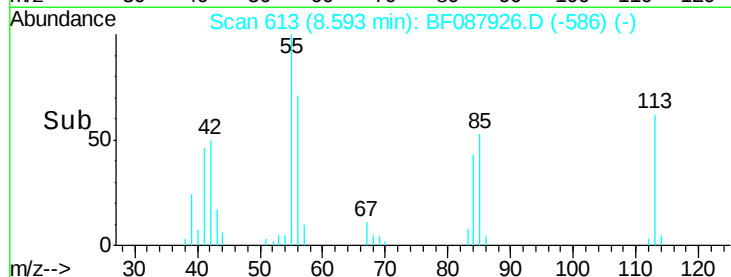
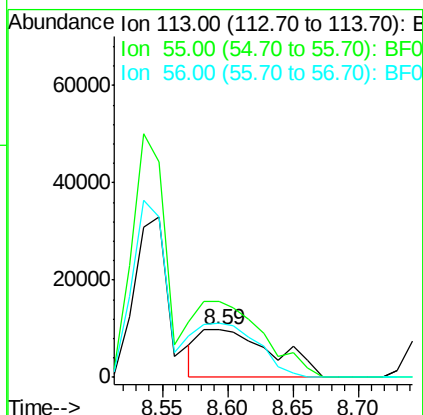
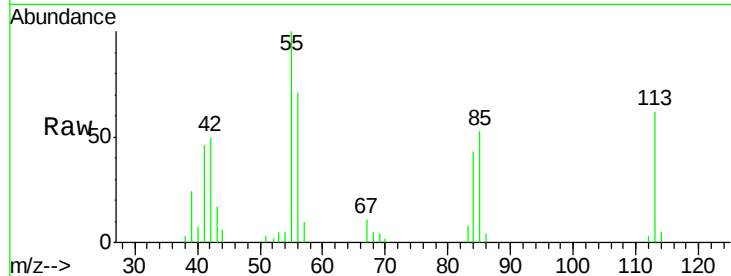




#35
Caprolactam
Concen: 19.34 ng
RT: 8.59 min Scan# 613
Delta R.T. 0.01 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

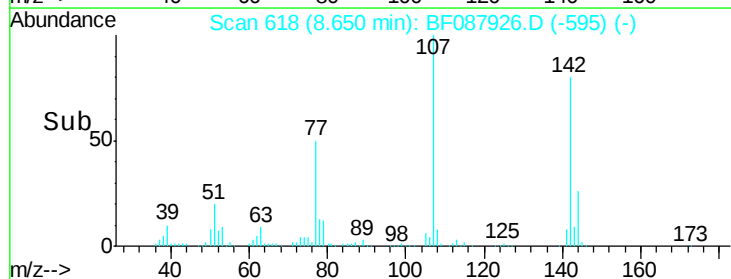
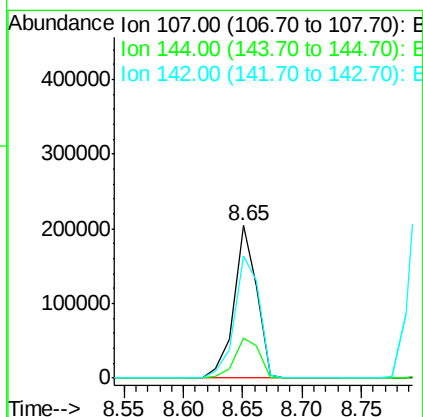
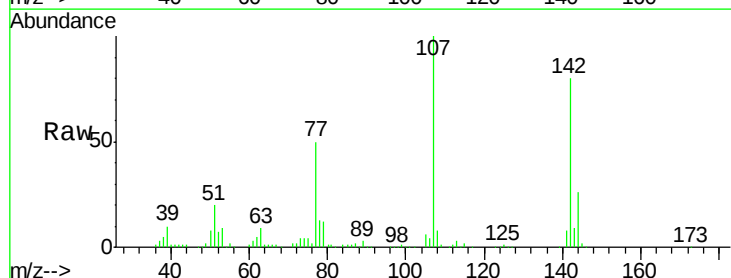
Instrument :
BNA_F
ClientSampleId :
PB91213BS

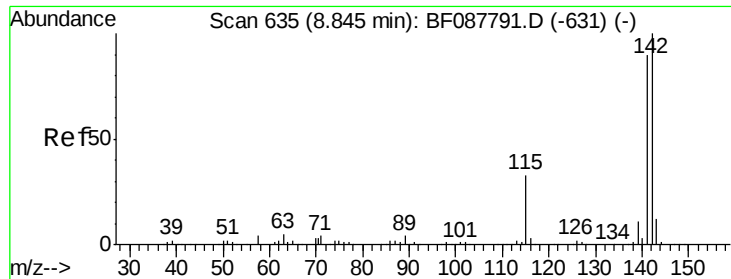
Tot Ion:113 Resp: 38174
Ion Ratio Lower Upper
113 100
55 160.3 158.6 198.6
56 114.1 110.6 150.6



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

Tgt Ion:107 Resp: 272777
Ion Ratio Lower Upper
107 100
144 26.2 20.8 31.2
142 80.5 63.4 95.2

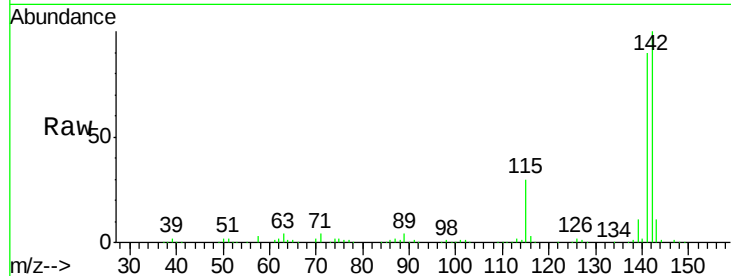




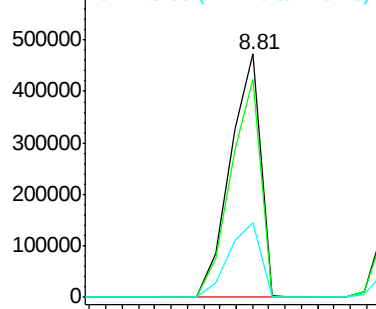
#37
 2-Methylnaphthalene
 Concen: 42.89 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.03 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91213BS

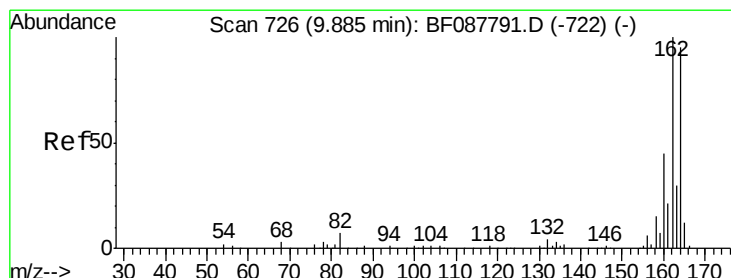
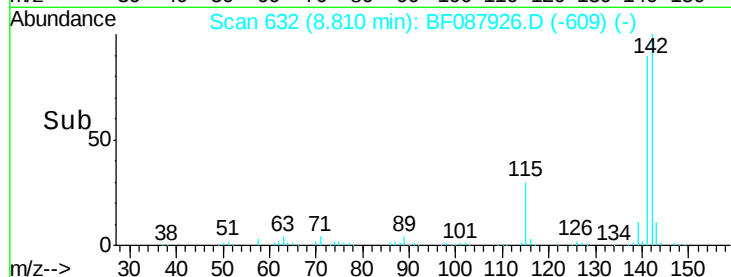
Tot Ion:142 Resp: 610085
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.0 106.6
 115 30.5 22.6 33.8



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

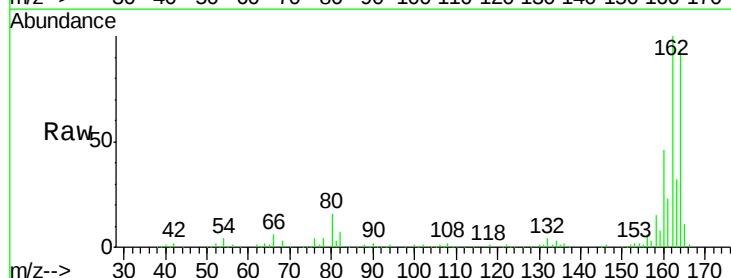


Time-->

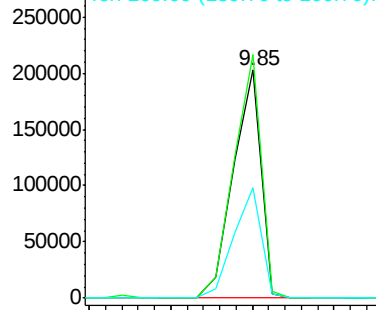


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.03 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

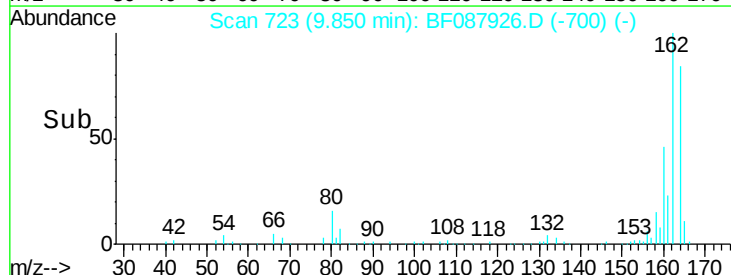
Tgt Ion:164 Resp: 238935
 Ion Ratio Lower Upper
 164 100
 162 106.9 85.4 128.2
 160 48.7 39.5 59.3

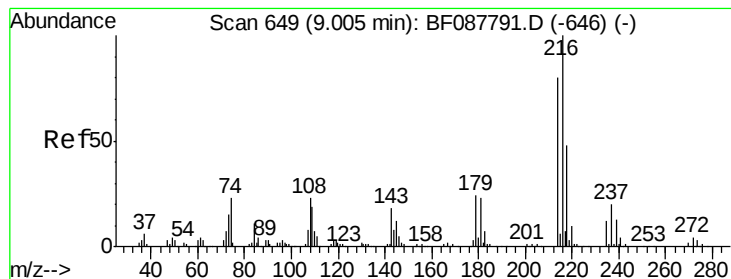


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



Time-->





#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

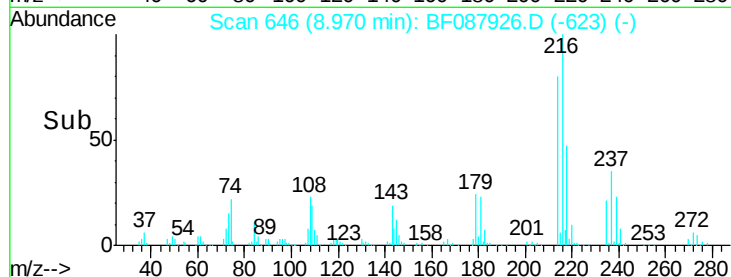
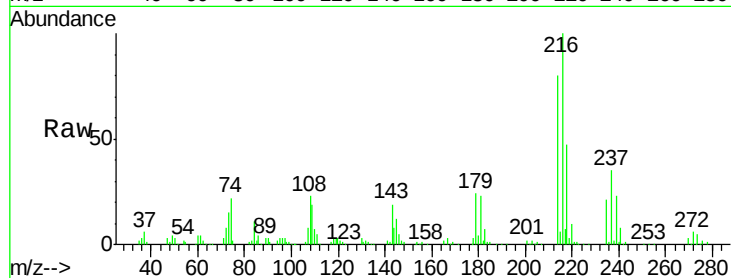
Ion Ratio Lower Upper

216 100

214 78.8 2.9 4.3#

179 22.1 0.0 0.0#

108 23.0 0.5 0.7#

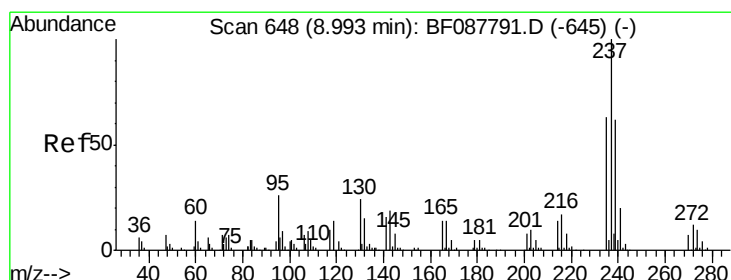
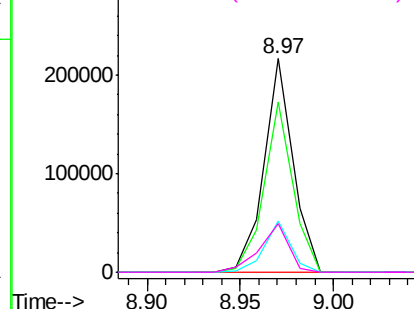


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 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

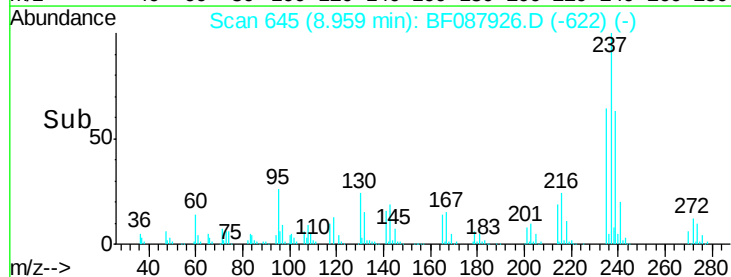
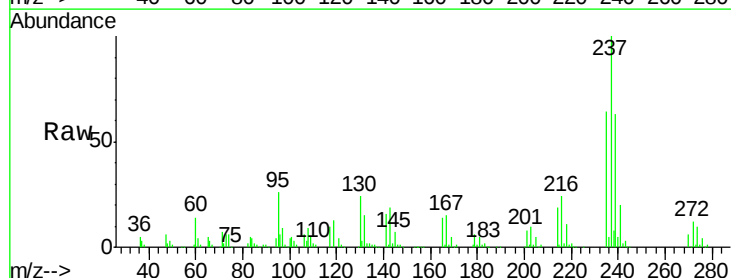
Tgt Ion:237 Resp: 250157

Ion Ratio Lower Upper

237 100

235 63.6 43.4 83.4

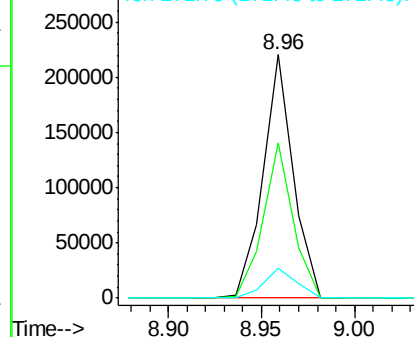
272 12.1 0.0 32.3

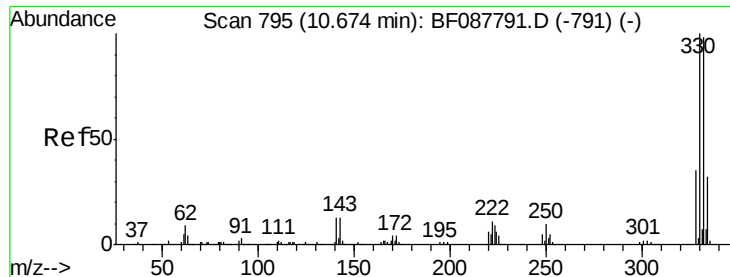


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

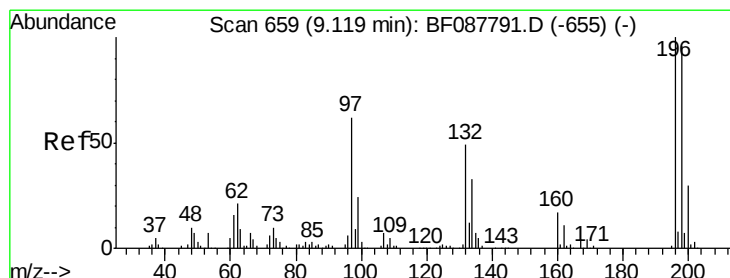
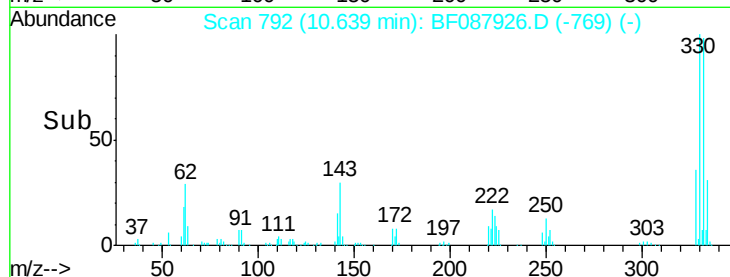
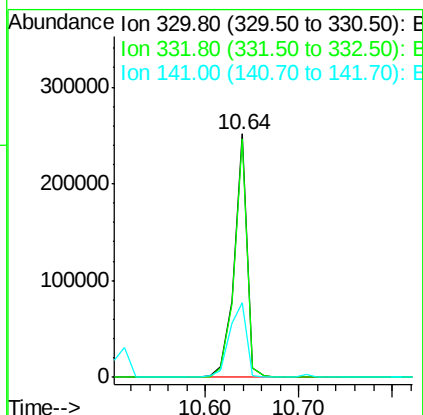
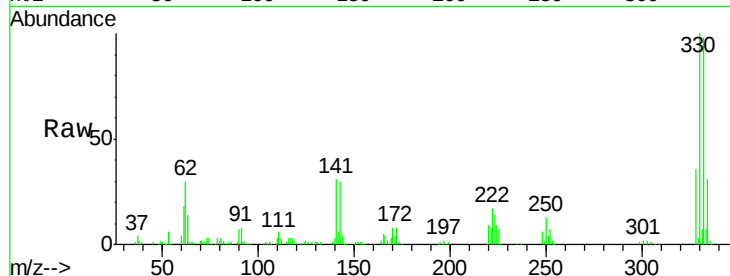




#41
 2,4,6-Tribromophenol
 Concen: 96.77 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

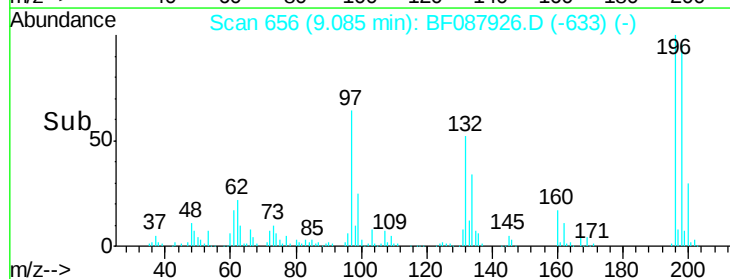
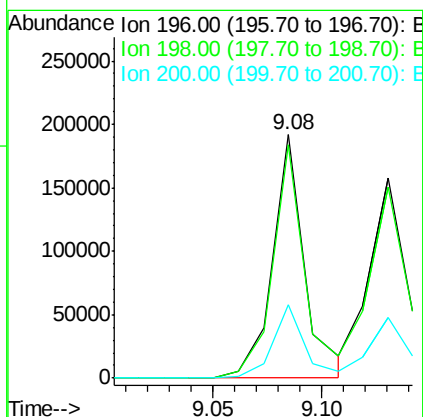
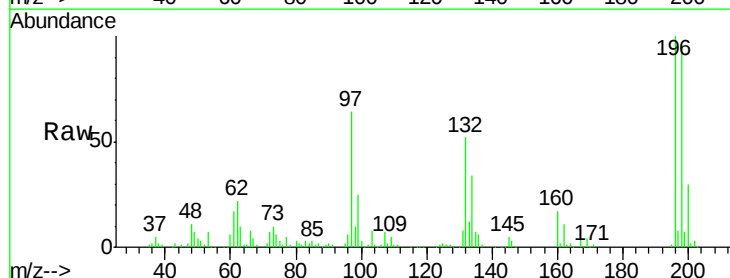
Instrument :
 BNA_F
 ClientSampleId :
 PB91213BS

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



#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	Lower	Upper
196	100		
198	96.1	78.0	117.0
200	30.1	25.4	38.2

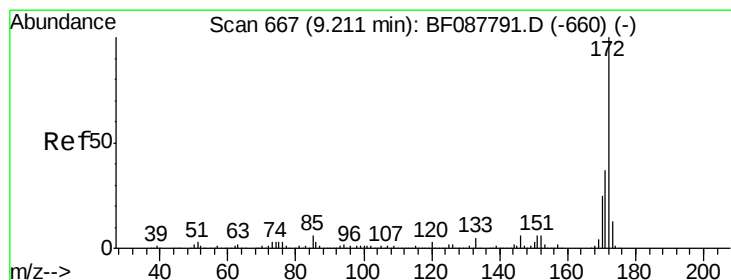
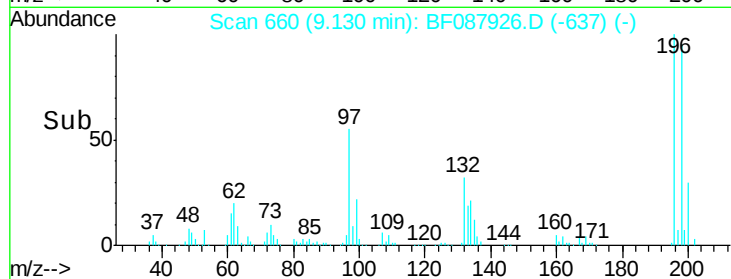
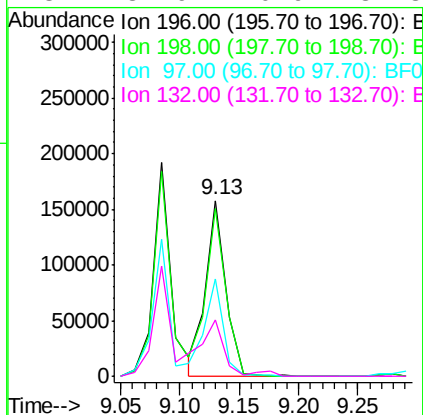
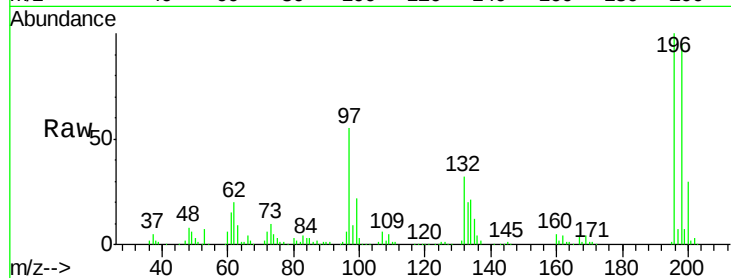




#43
2,4,5-Trichlorophenol
Concen: 37.64 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

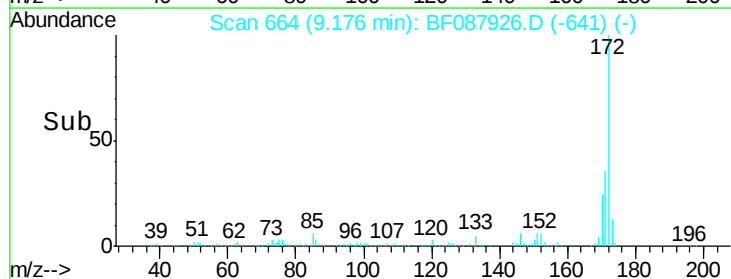
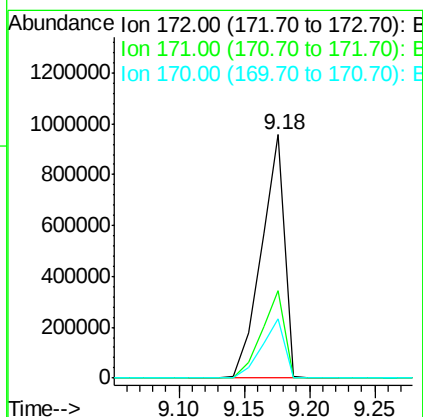
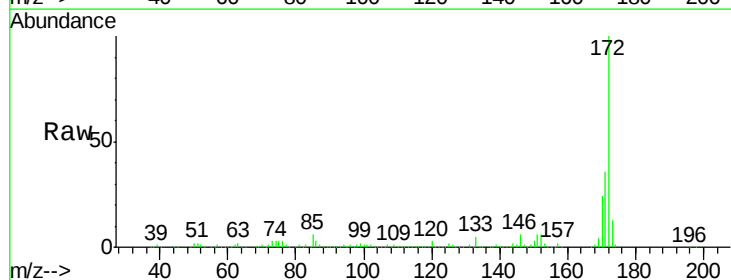
Instrument :
BNA_F
ClientSampleId :
PB91213BS

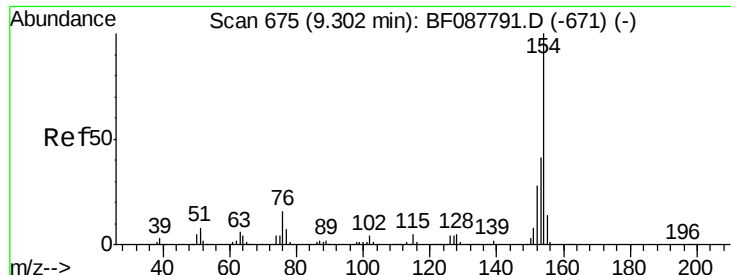
Tot Ion:196 Resp: 187121
Ion Ratio Lower Upper
196 100
198 95.4 77.5 116.3
97 55.5 32.0 48.0#
132 31.9 20.9 31.3#



#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:172 Resp: 1181355
Ion Ratio Lower Upper
172 100
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

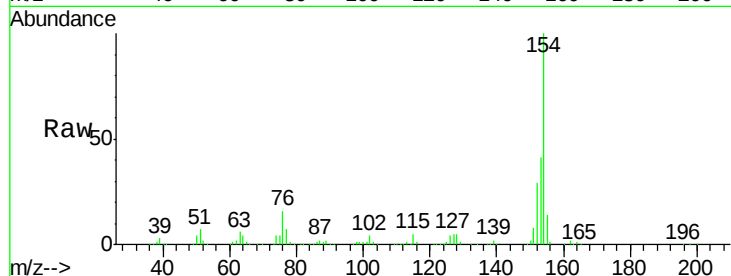
Tot Ion:154 Resp: 767382

Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

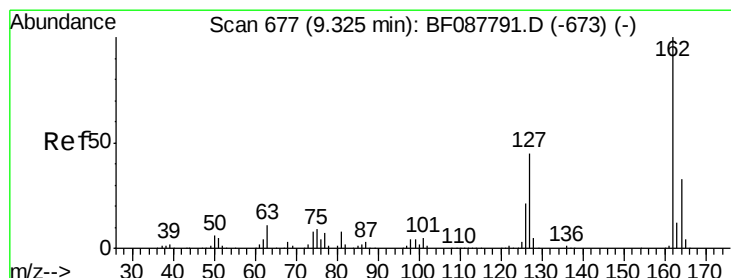
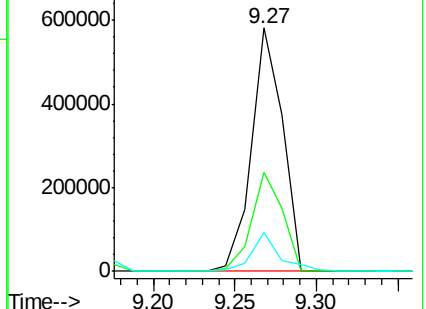
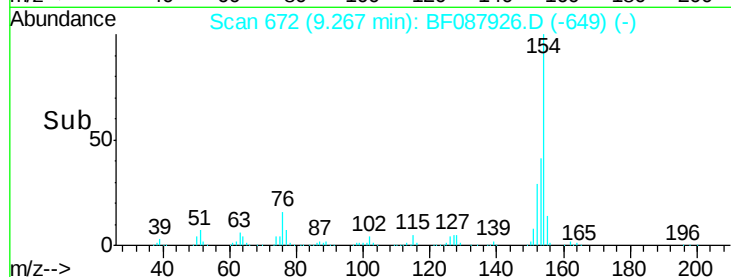
76 15.7 0.0 35.1



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

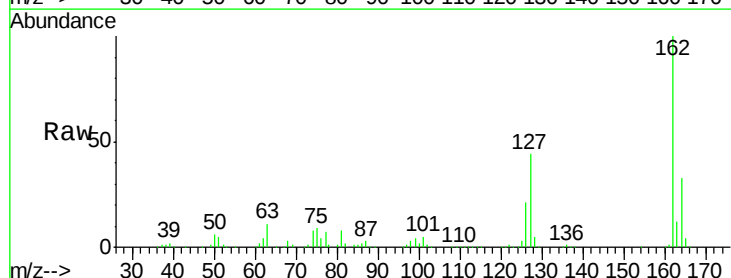
Tgt Ion:162 Resp: 611772

Ion Ratio Lower Upper

162 100

127 44.3 35.2 52.8

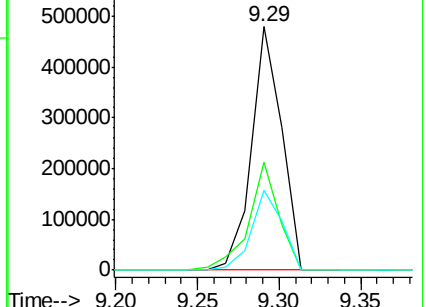
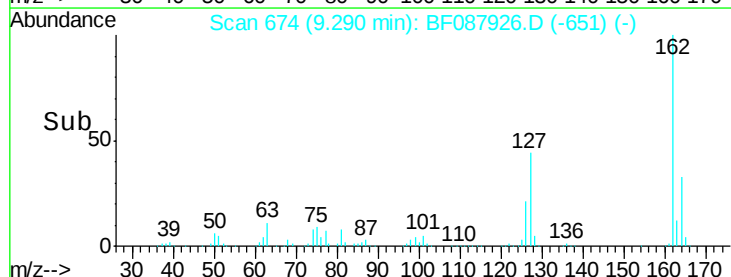
164 32.7 26.6 39.8

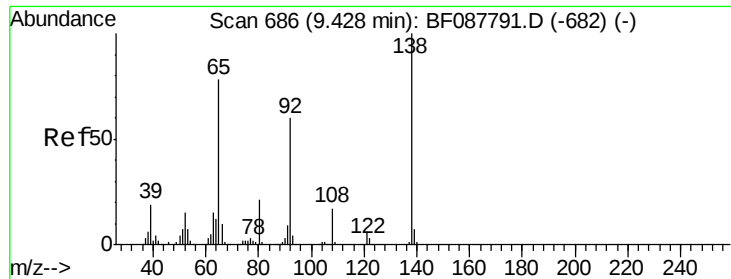


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

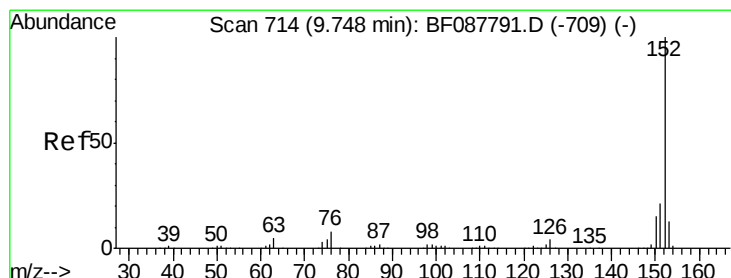
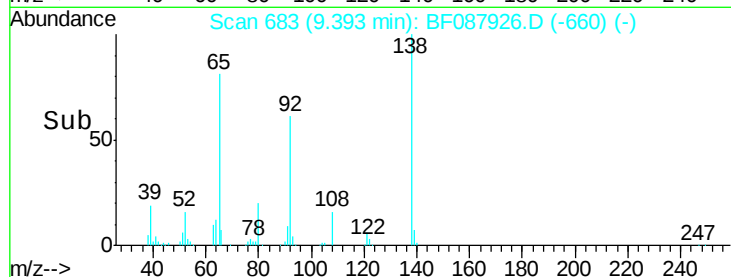
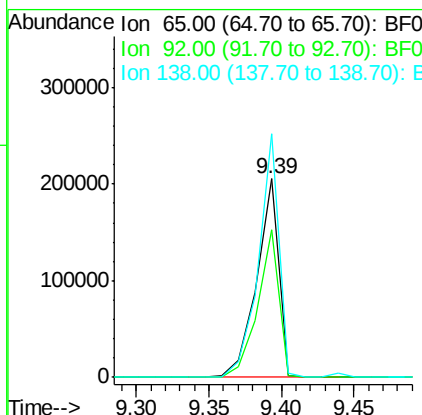
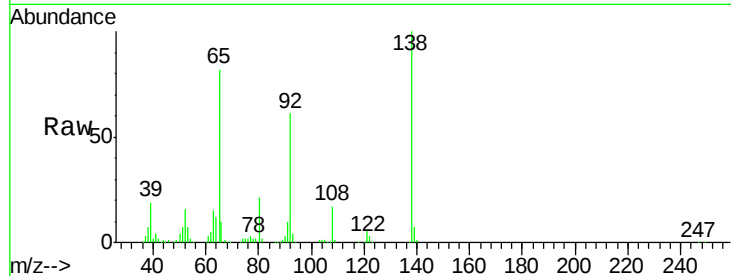




#47
2-Nitroaniline
Concen: 47.24 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

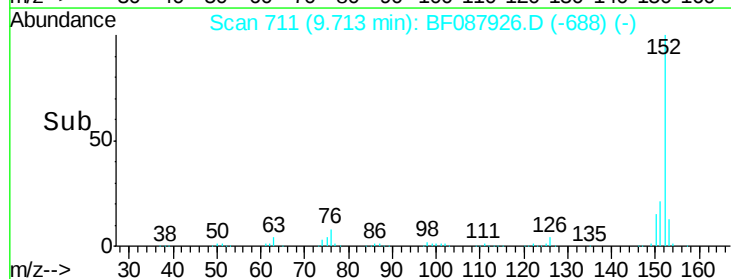
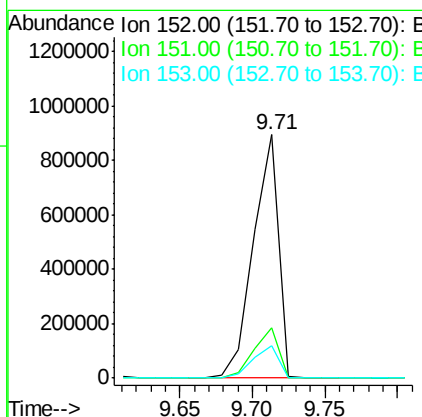
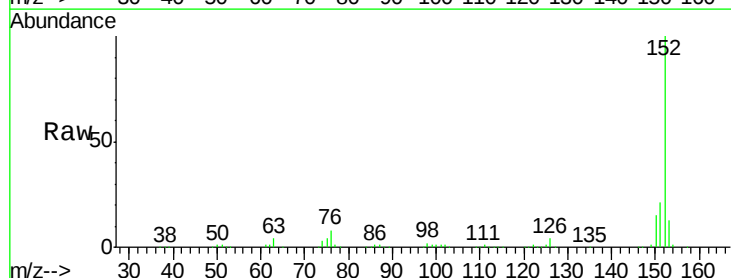
Instrument :
BNA_F
ClientSampleId :
PB91213BS

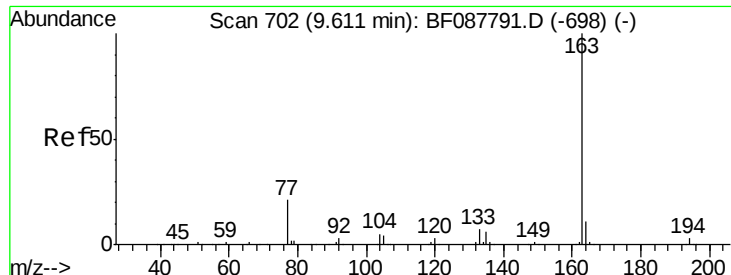
Tot Ion: 65 Resp: 215486
Ion Ratio Lower Upper
65 100
92 74.6 54.6 82.0
138 122.7 77.0 115.4#



#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: 152 Resp: 1072230
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.1 11.0 16.6

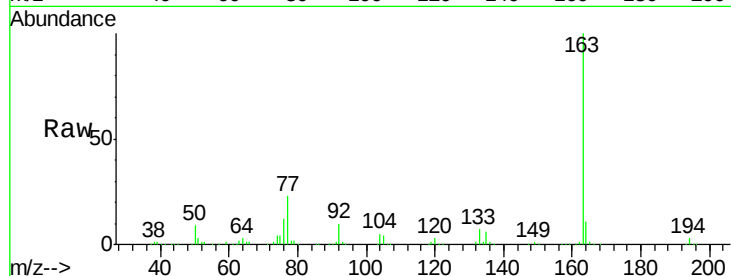




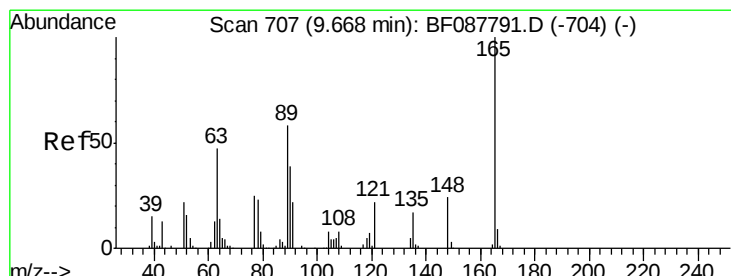
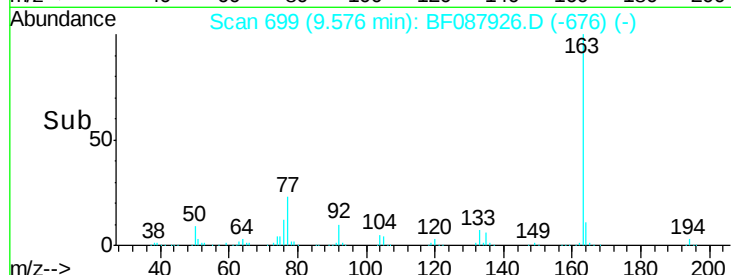
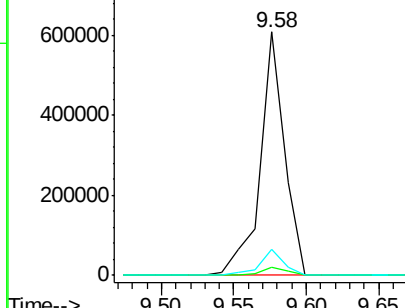
#49
Dimethylphthalate
Concen: 40.83 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Instrument :
BNA_F
ClientSampleId :
PB91213BS

Tot Ion:163 Resp: 706670
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.8 8.3 12.5

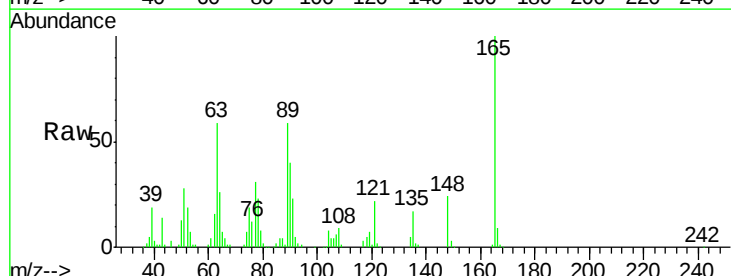


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

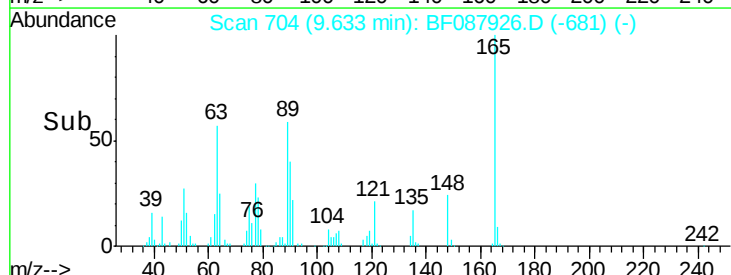
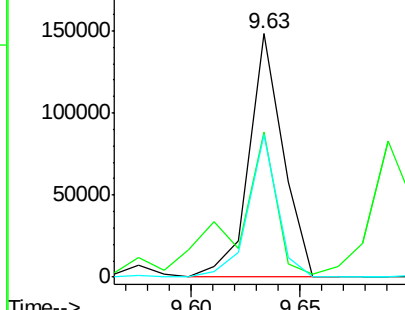


#50
2,6-Dinitrotoluene
Concen: 40.45 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Tgt Ion:165 Resp: 160318
Ion Ratio 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

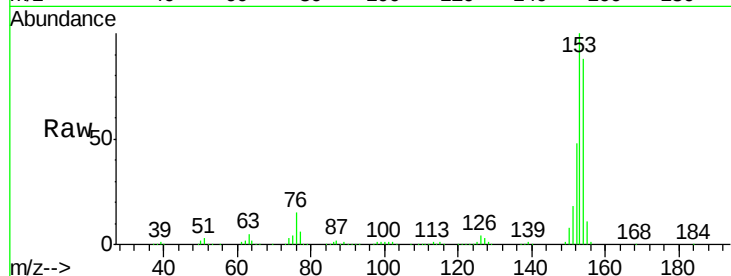
Tot Ion:154 Resp: 721718

Ion Ratio Lower Upper

154 100

153 113.5 89.5 134.3

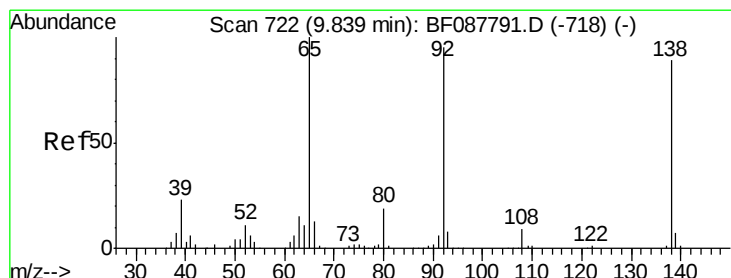
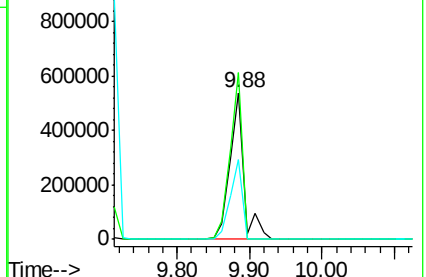
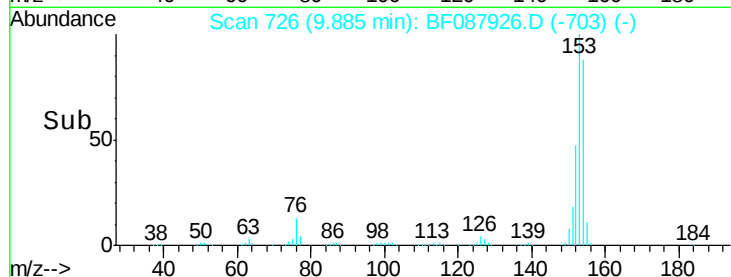
152 54.0 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 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

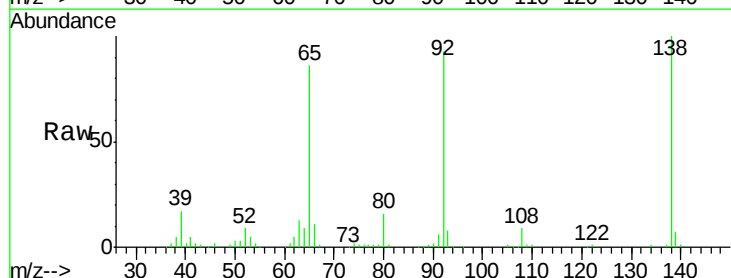
Tgt Ion:138 Resp: 140161

Ion Ratio Lower Upper

138 100

108 8.8 8.5 12.7

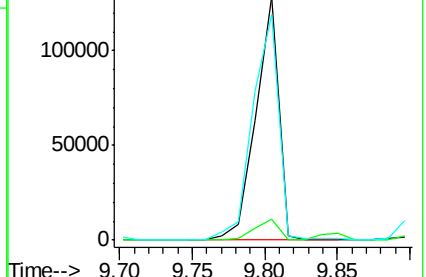
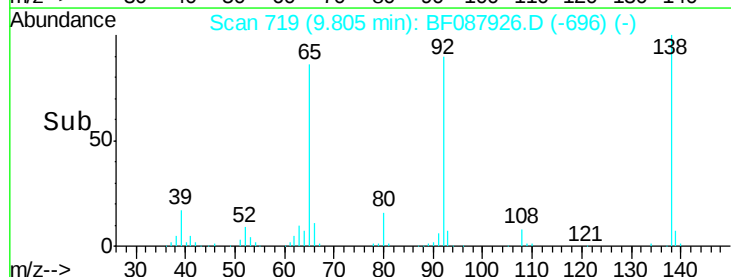
92 92.6 95.7 143.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

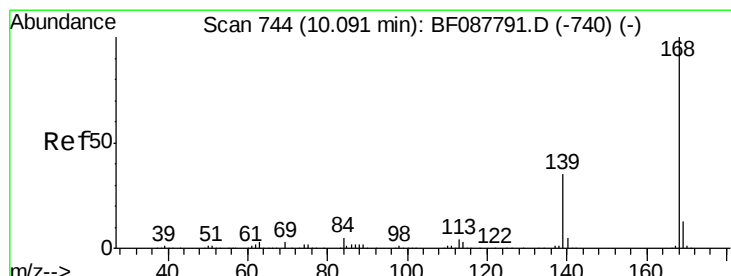
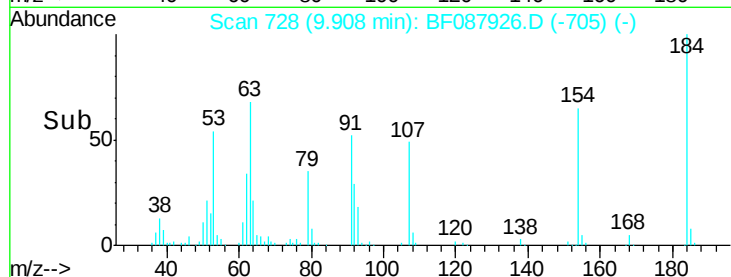
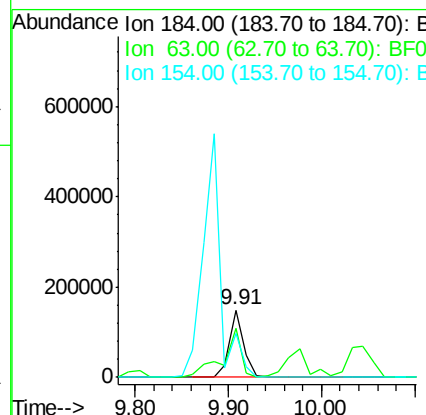
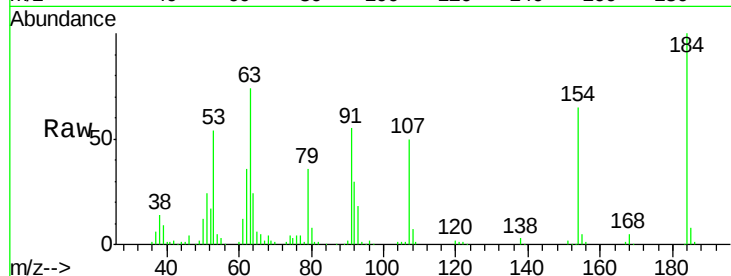




#53
 2,4-Dinitrophenol
 Concen: 76.01 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.03 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

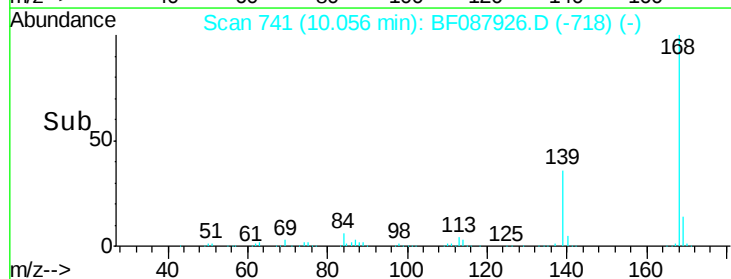
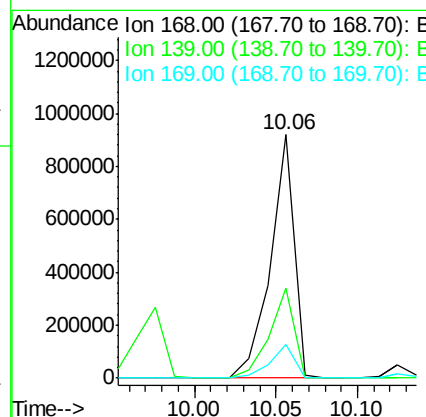
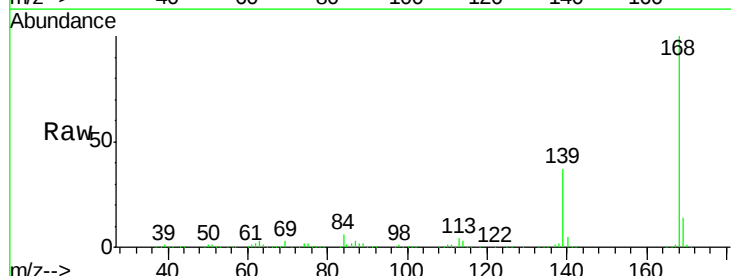
Instrument :
 BNA_F
 ClientSampleId :
 PB91213BS

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



#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:168 Resp: 930613
 Ion Ratio Lower Upper
 168 100
 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

Instrument :

BNA_F

ClientSampleId :

PB91213BS

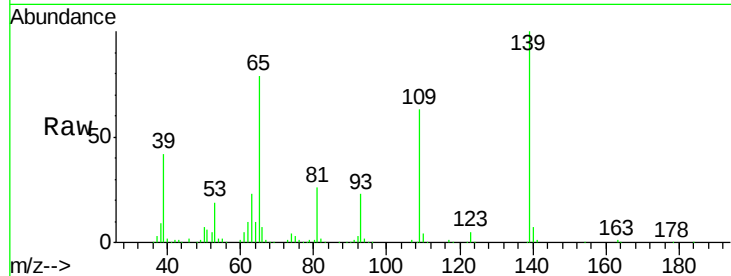
Tot Ion:139 Resp: 328184

Ion Ratio Lower Upper

139 100

109 63.0 48.9 88.9

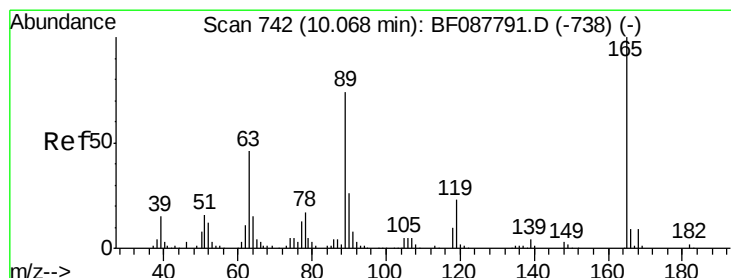
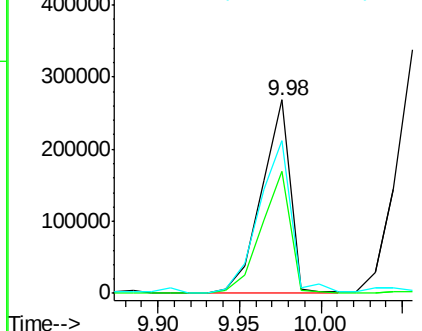
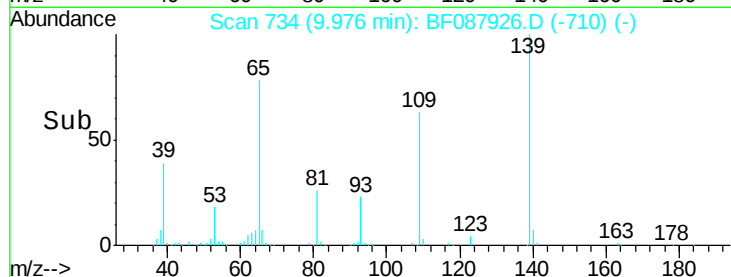
65 78.7 84.9 124.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#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:165 Resp: 251554

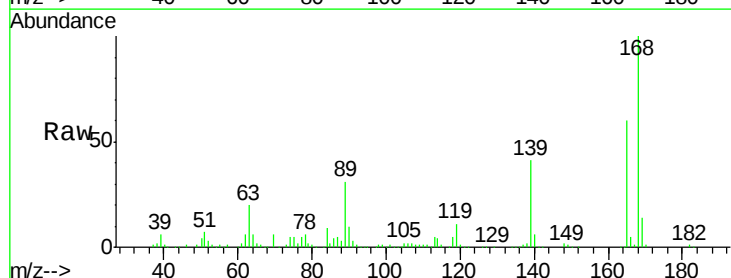
Ion Ratio Lower Upper

165 100

63 32.9 22.0 33.0

89 52.0 41.1 61.7

182 2.4 2.0 3.0

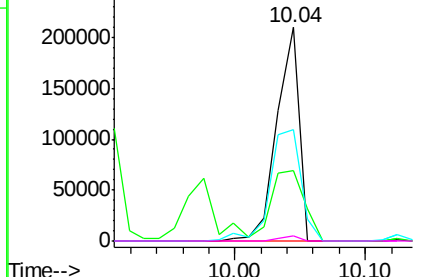
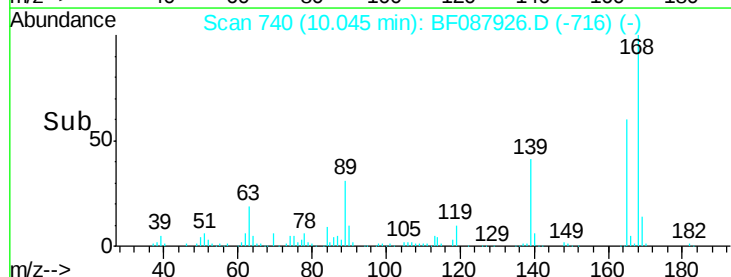


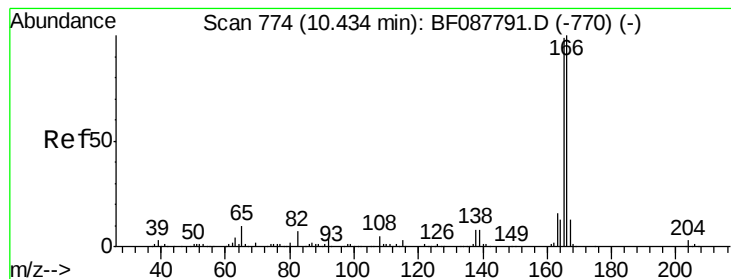
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#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

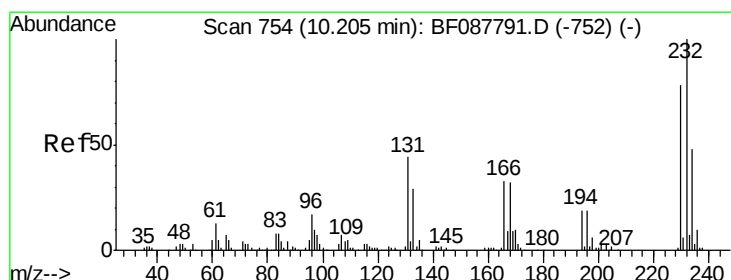
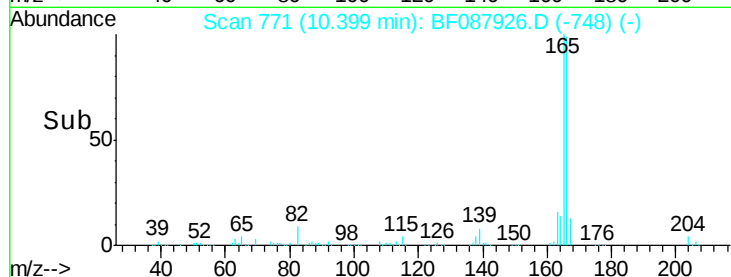
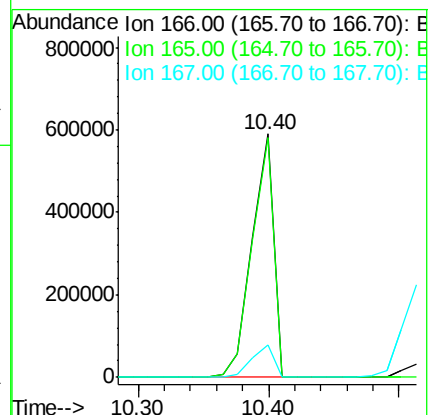
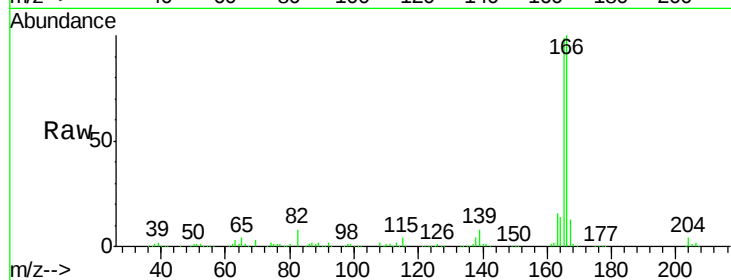
Tot Ion:166 Resp: 685404

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.8

167 13.2 11.2 16.8



#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

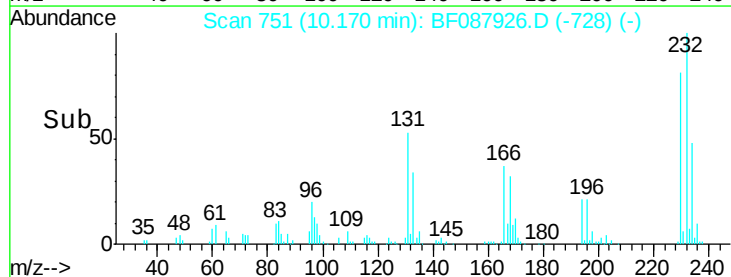
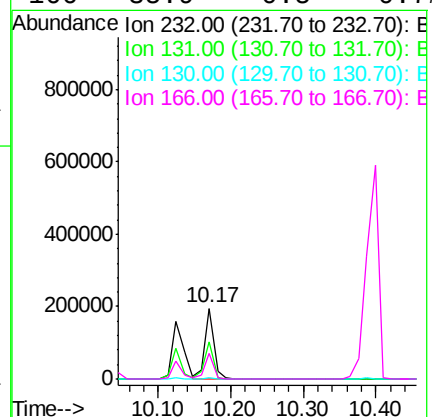
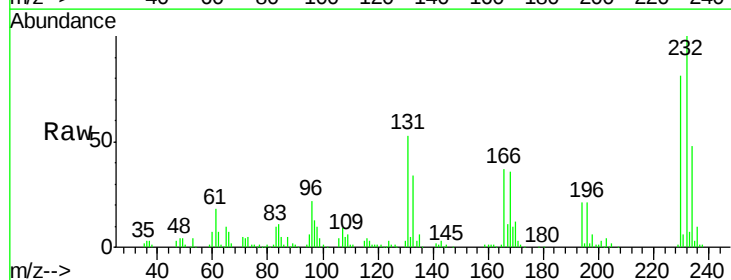
Ion Ratio Lower Upper

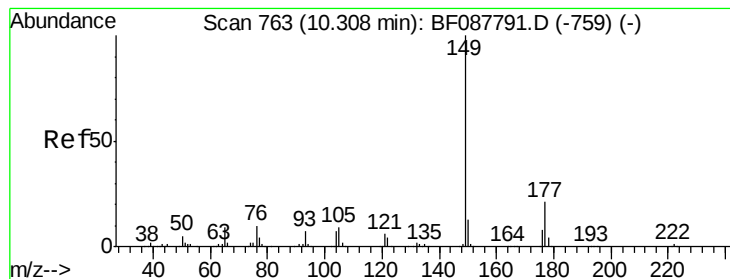
232 100

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

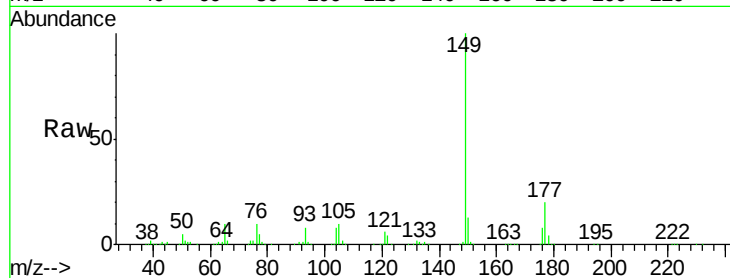
Tot Ion:149 Resp: 723509

Ion Ratio Lower Upper

149 100

177 20.0 16.9 25.3

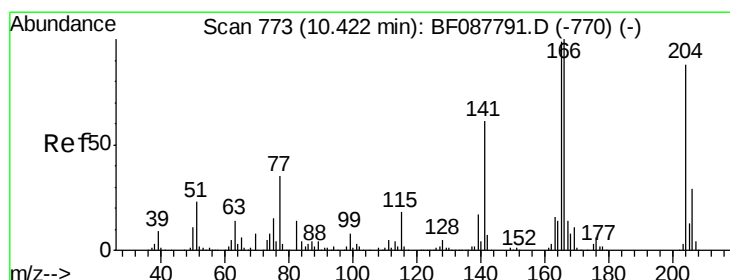
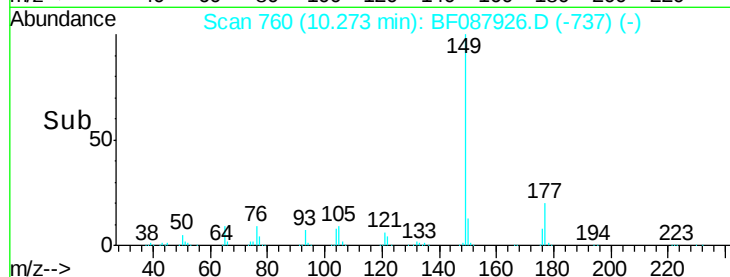
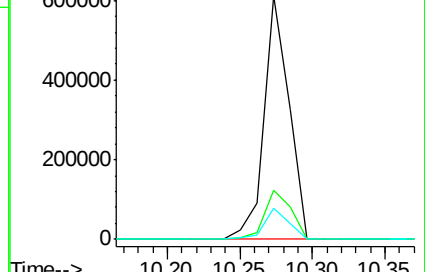
150 13.0 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#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

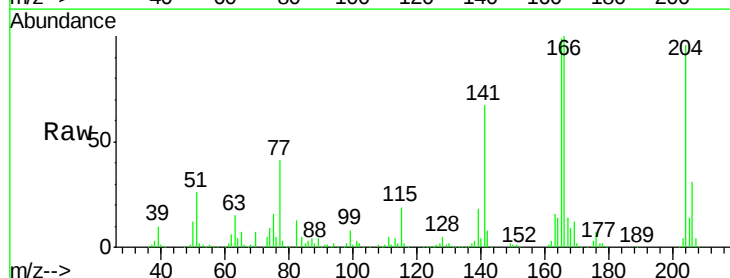
Tgt Ion:204 Resp: 275590

Ion Ratio Lower Upper

204 100

206 32.5 26.3 39.5

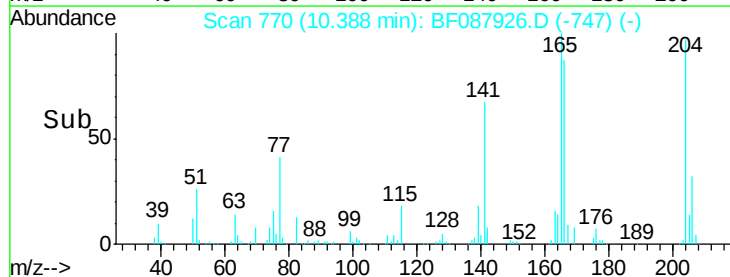
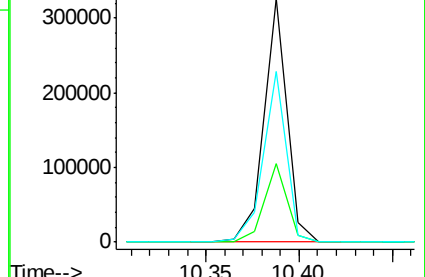
141 69.9 55.0 82.6

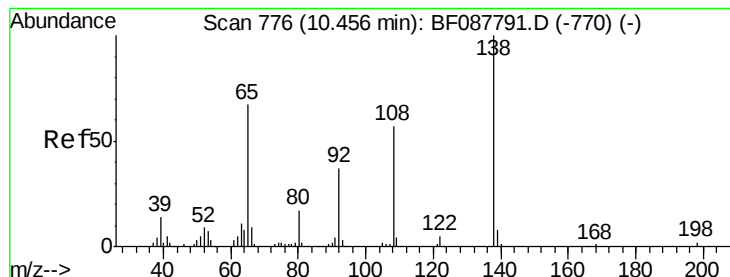


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#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

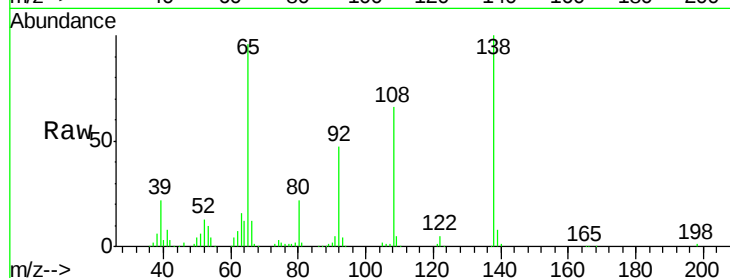
Tot Ion:138 Resp: 197429

Ion Ratio Lower Upper

138 100

92 47.0 27.3 67.3

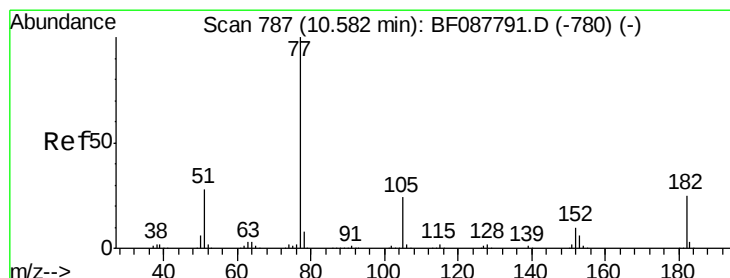
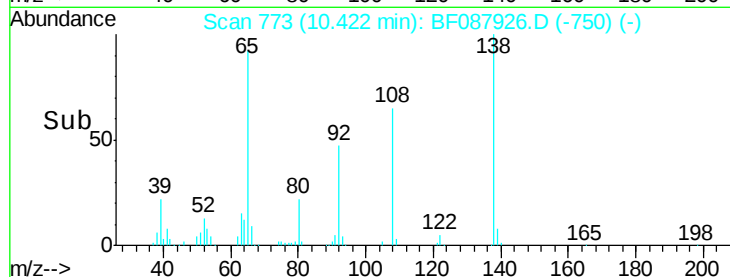
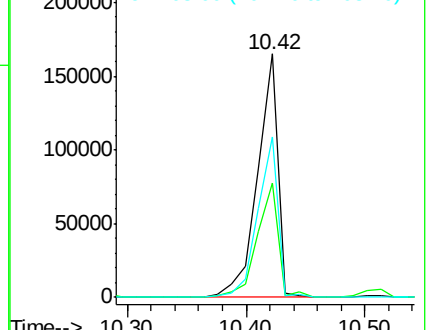
108 65.9 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#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: 77 Resp: 730860

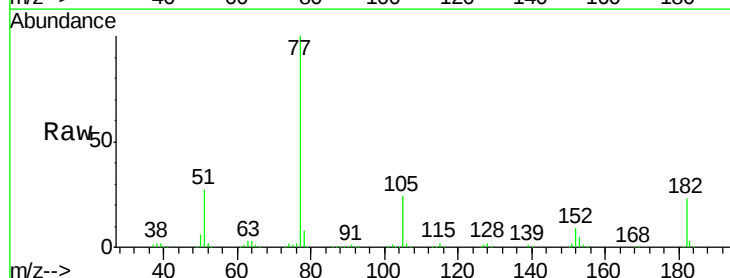
Ion Ratio Lower Upper

77 100

182 23.3 4.4 44.4

105 23.9 3.8 43.8

51 27.0 9.3 49.3

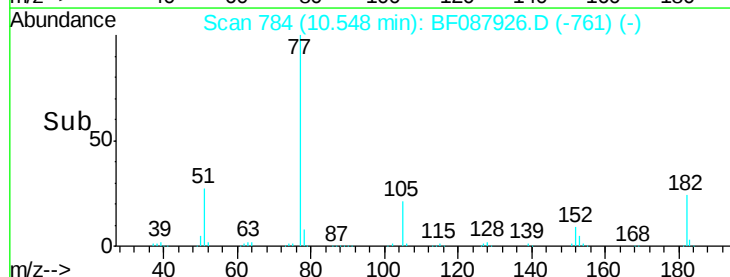
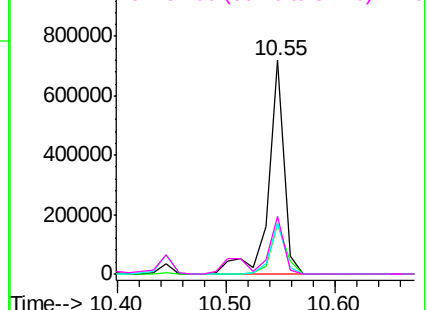


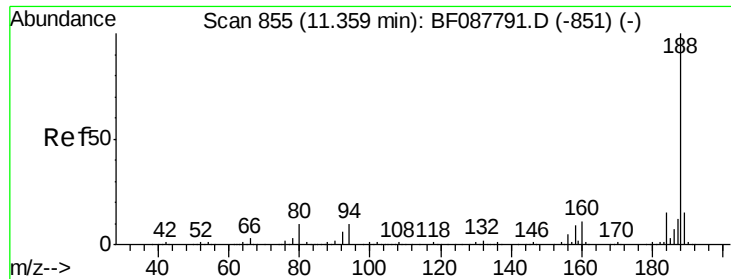
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

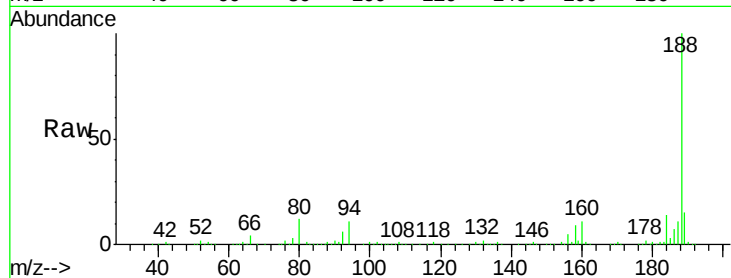




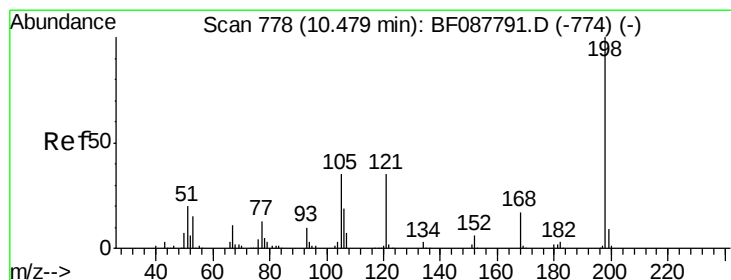
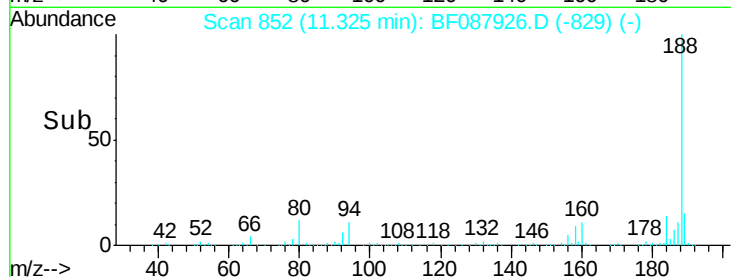
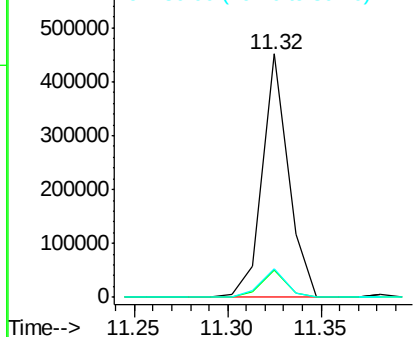
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Instrument :
BNA_F
ClientSampleId :
PB91213BS

Tot Ion:188 Resp: 434248
Ion Ratio Lower Upper
188 100
94 11.1 9.0 13.6
80 11.9 10.0 15.0

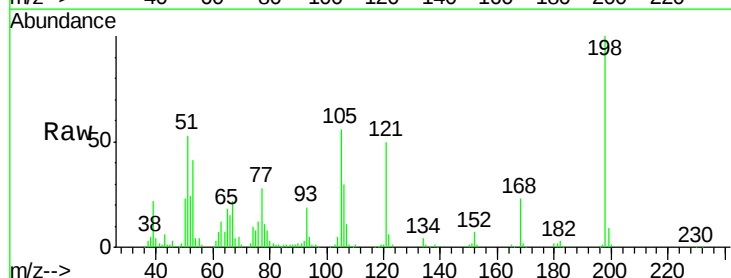


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

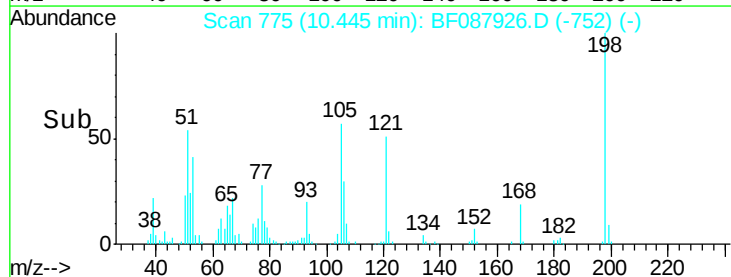
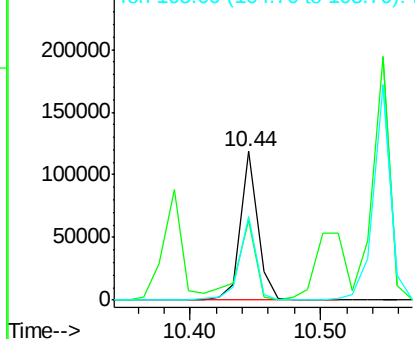


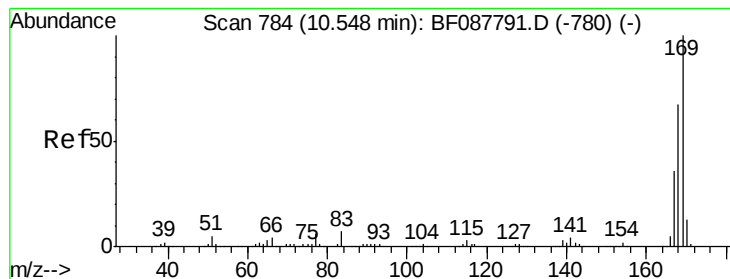
#64
4,6-Dinitro-2-methylphenol
Concen: 40.40 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Tgt Ion:198 Resp: 108556
Ion Ratio 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

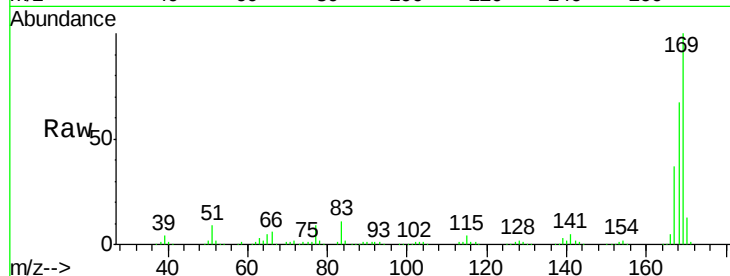




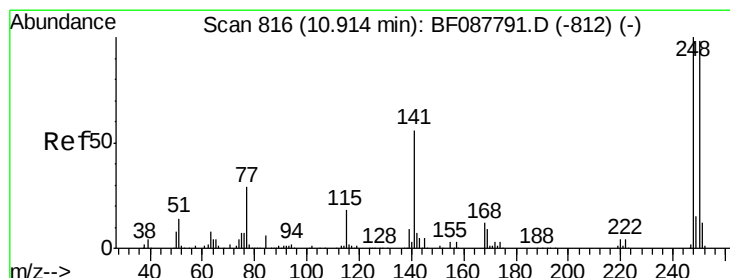
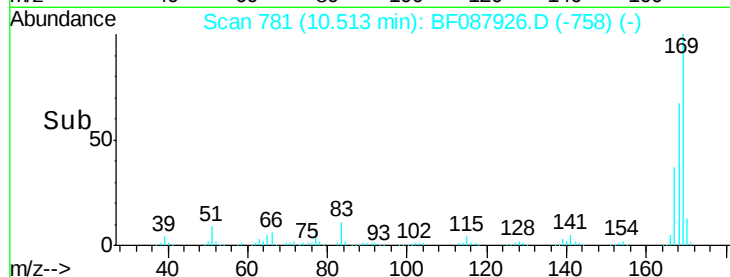
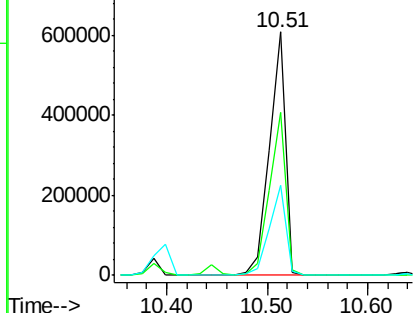
#65
 n-Nitrosodiphenylamine
 Concen: 46.72 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.03 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91213BS

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

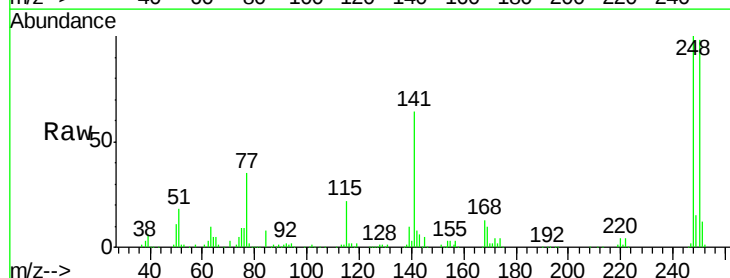


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

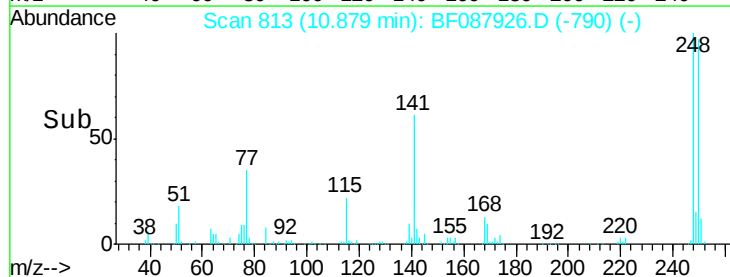
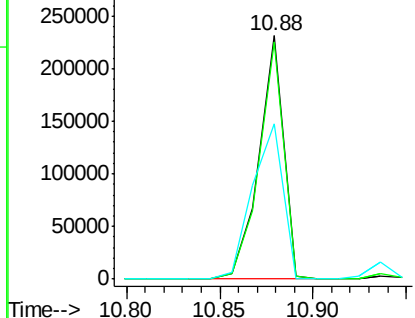


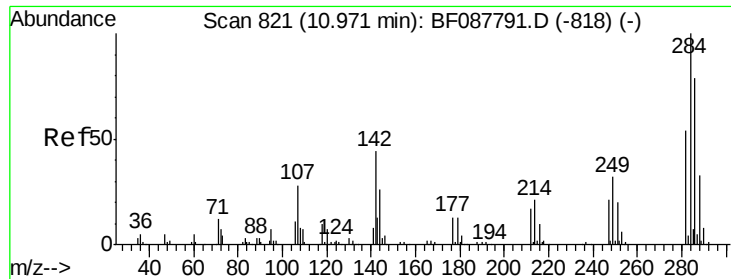
#66
 4-Bromophenyl-phenylether
 Concen: 45.27 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

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



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

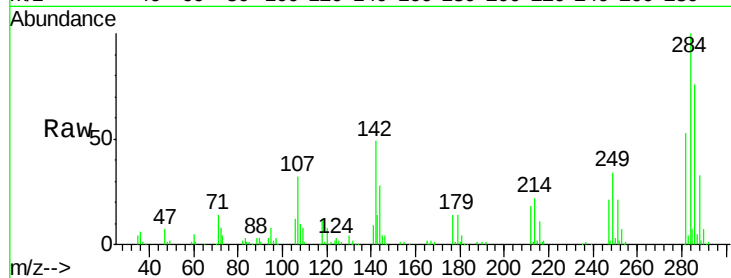




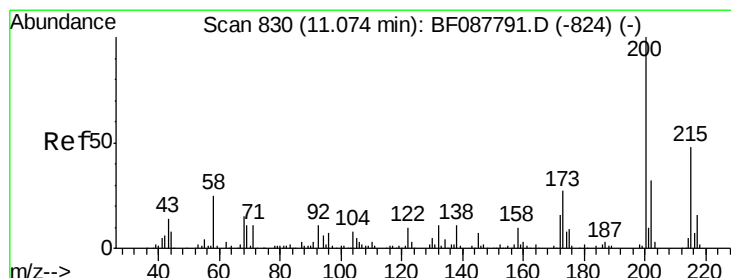
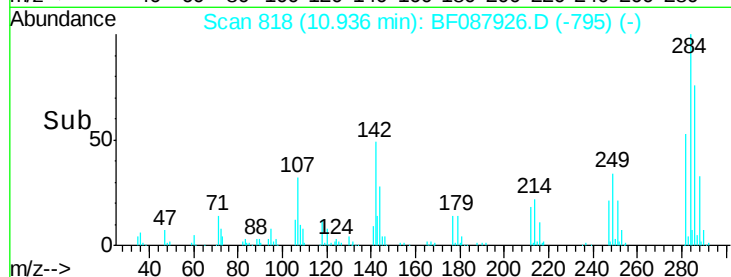
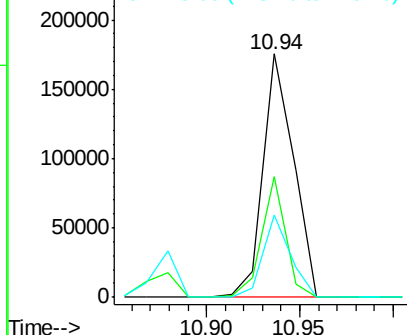
#67
Hexachlorobenzene
Concen: 40.78 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

Instrument :
BNA_F
ClientSampleId :
PB91213BS

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

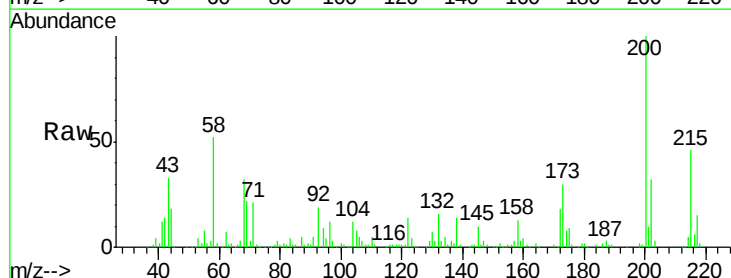


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

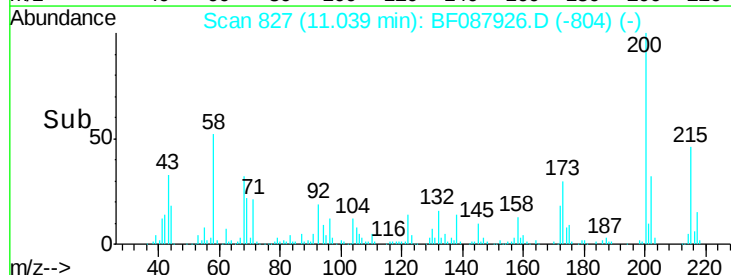
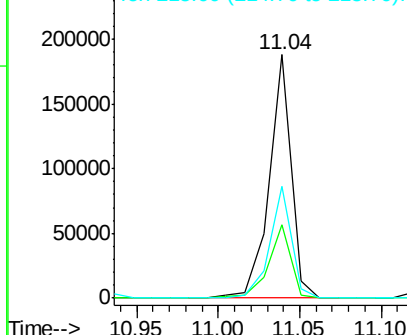


#68
Atrazine
Concen: 40.40 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

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



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

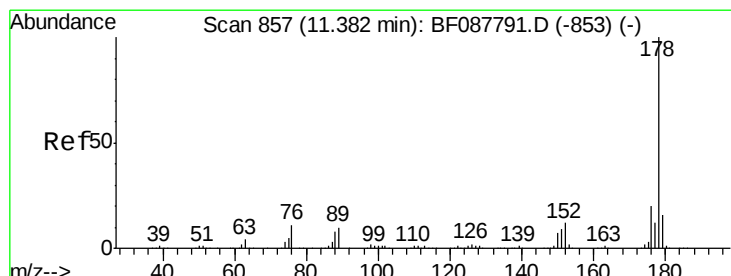
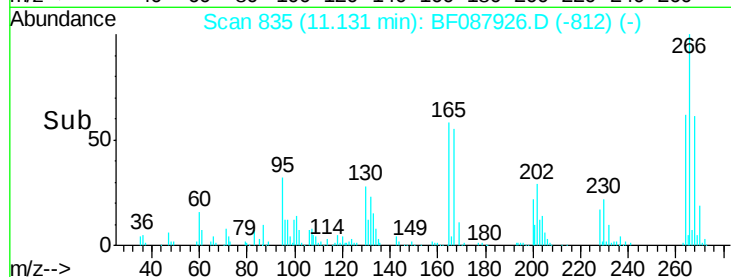
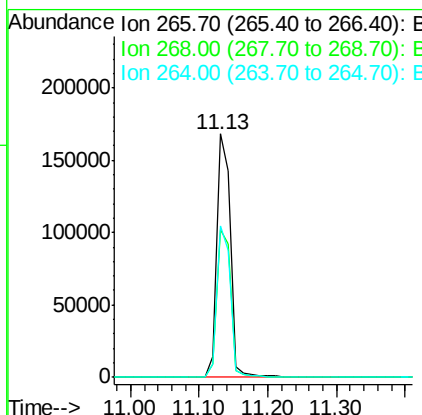
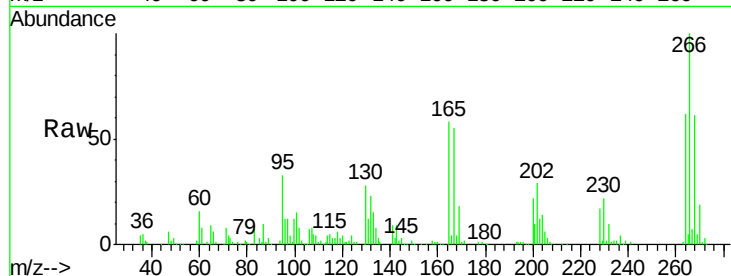




#69
 Pentachlorophenol
 Concen: 92.38 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.03 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

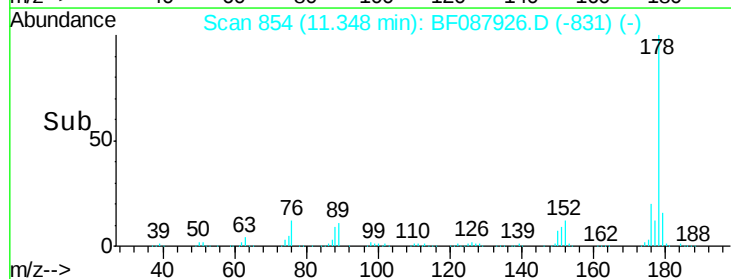
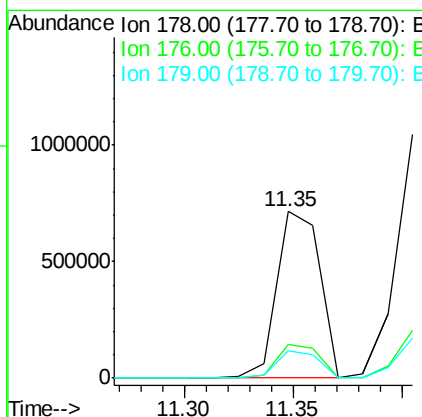
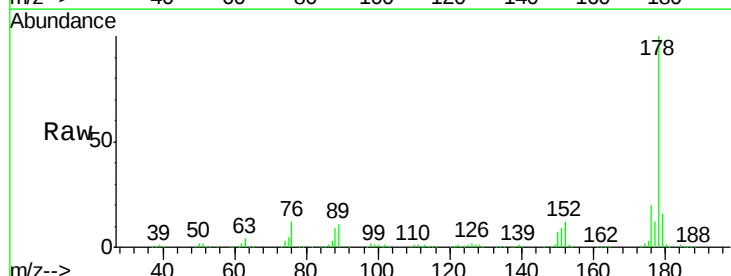
Instrument :
 BNA_F
 ClientSampleId :
 PB91213BS

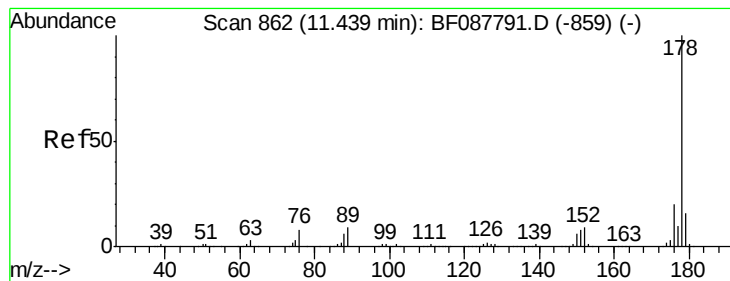
Tot Ion	Ratio	Lower	Upper
266	100		
268	60.7	52.8	79.2
264	62.2	49.6	74.4



#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	Lower	Upper
178	100		
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

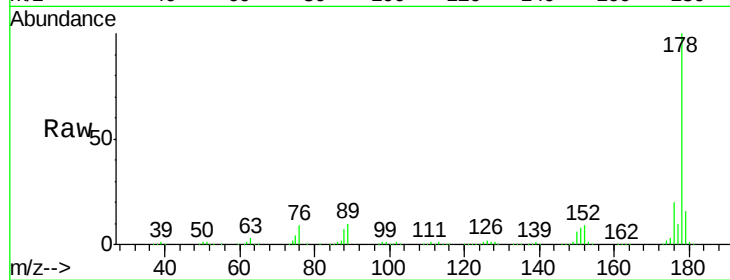
Tot Ion:178 Resp: 956333

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

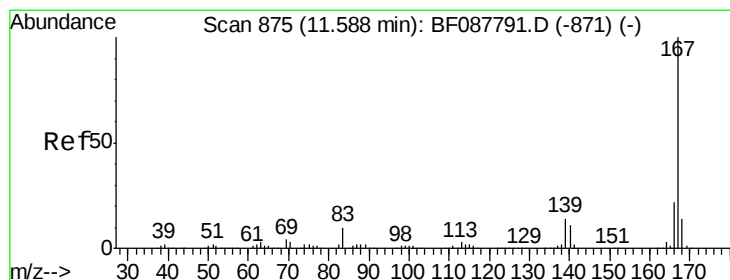
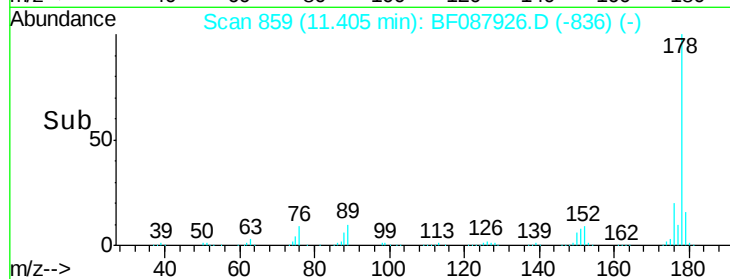
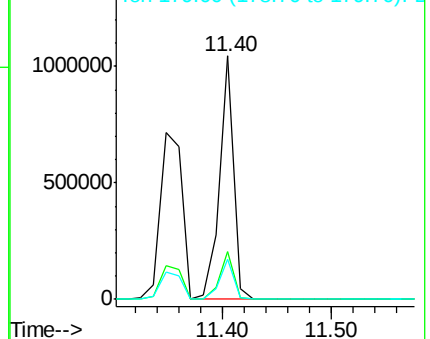
179 16.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#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

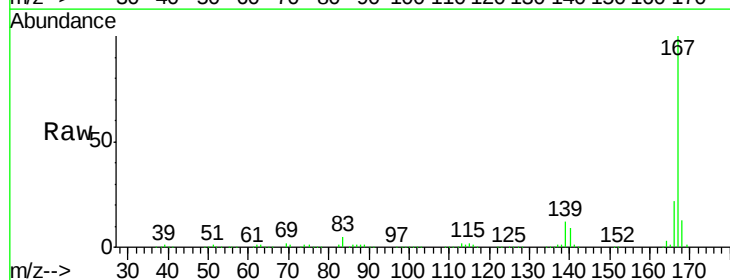
Tgt Ion:167 Resp: 1021103

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

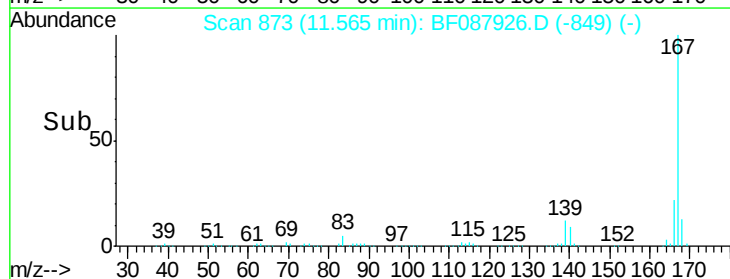
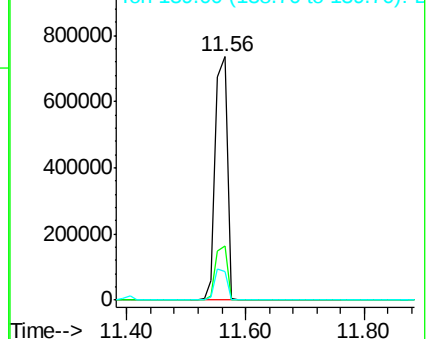
139 11.6 11.2 16.8

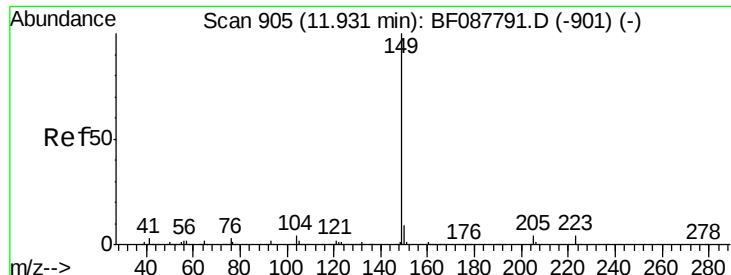


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#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 :

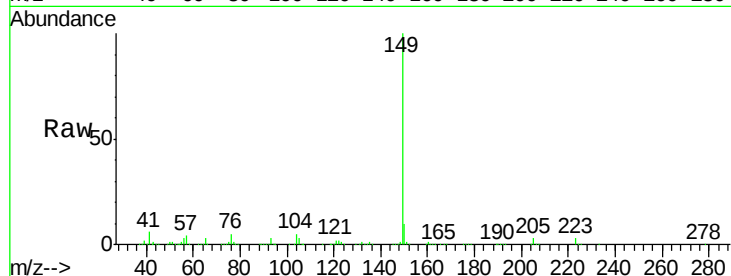
BNA_F

ClientSampleId :

PB91213BS

Tot Ion:149 Resp: 1095639

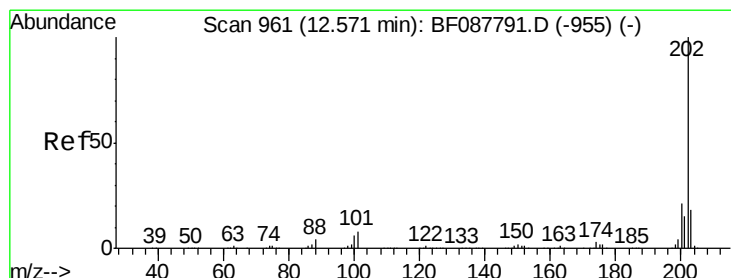
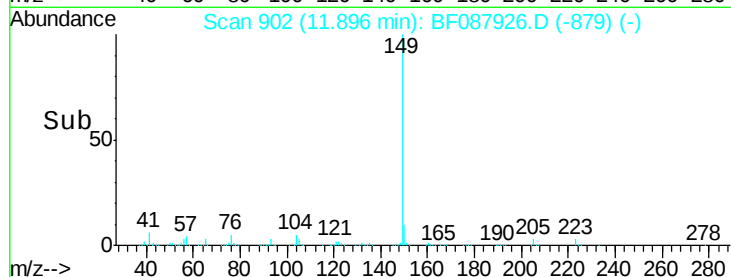
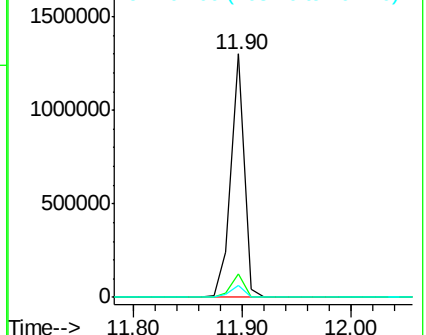
Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.6
104	5.1	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.14 ng

RT: 12.54 min Scan# 958

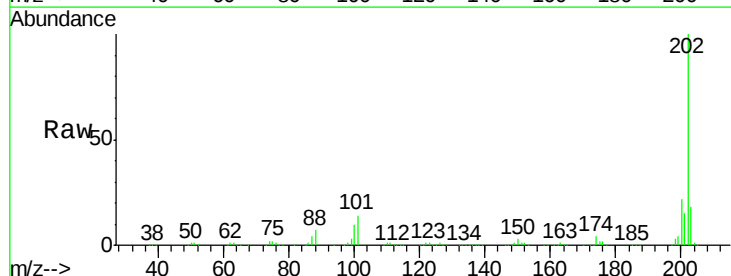
Delta R.T. -0.03 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Tgt Ion:202 Resp: 941144

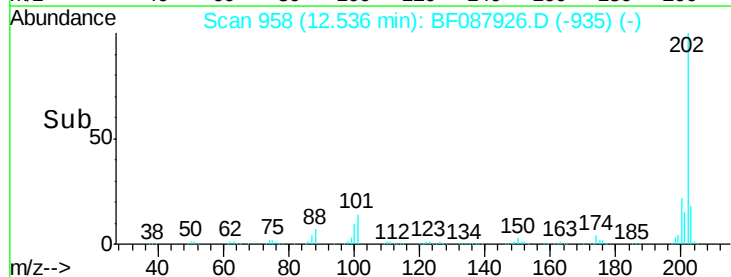
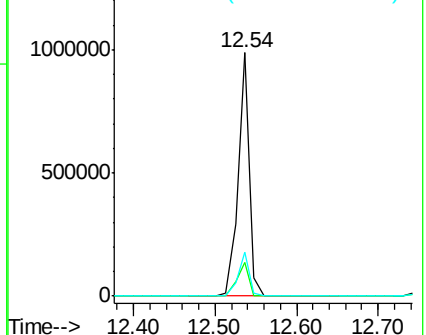
Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.1
203	18.3	0.0	38.1

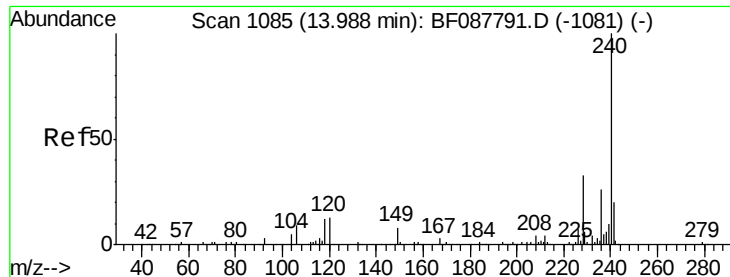


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1083

Delta R.T. -0.02 min

Lab File: BF087926.D

Acq: 12 Jun 2016 3:53

Instrument :

BNA_F

ClientSampleId :

PB91213BS

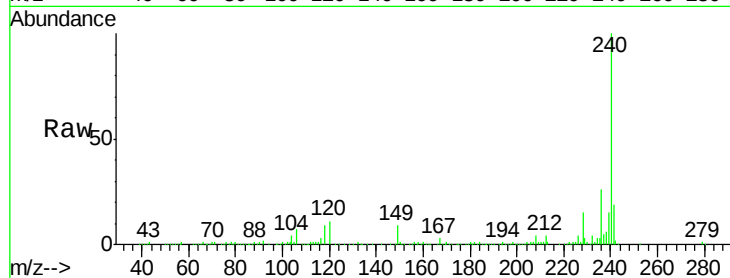
Tot Ion:240 Resp: 339965

Ion Ratio Lower Upper

240 100

120 10.6 6.8 10.2#

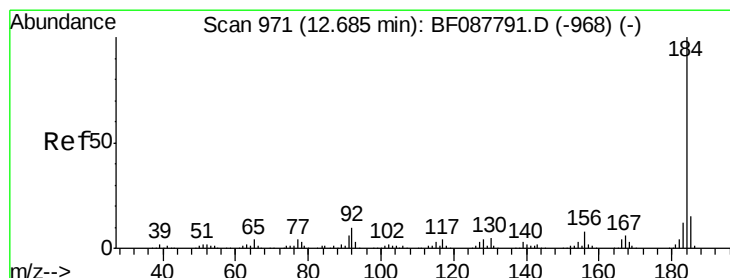
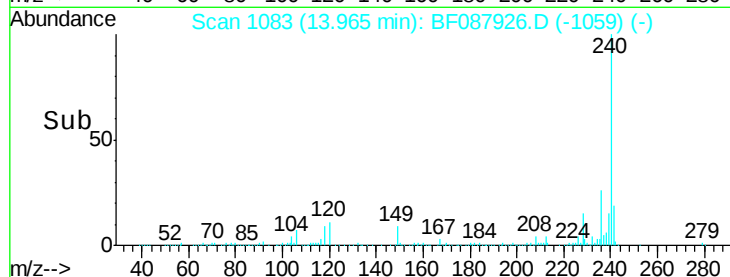
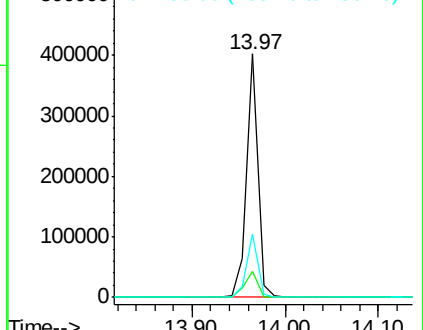
236 26.1 20.2 30.2



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

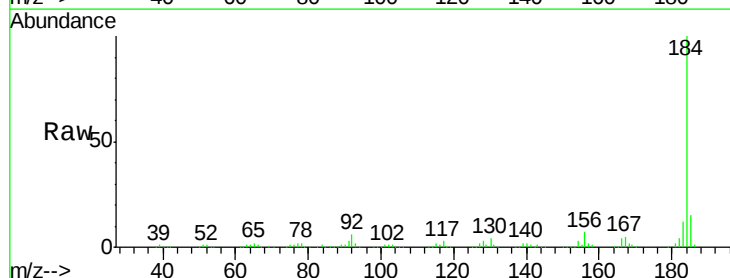
Tgt Ion:184 Resp: 371571

Ion Ratio Lower Upper

184 100

185 14.5 12.5 18.7

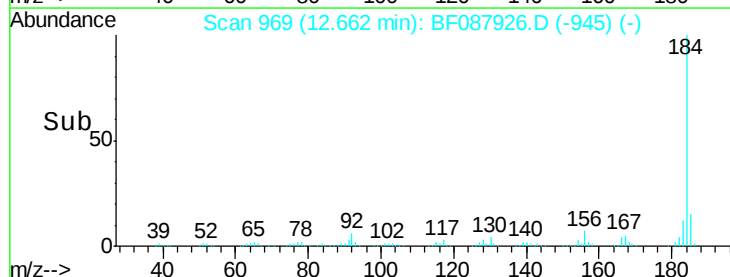
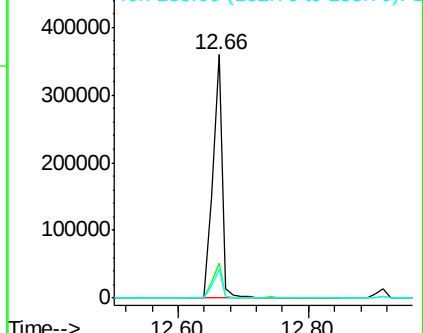
183 11.5 9.3 13.9

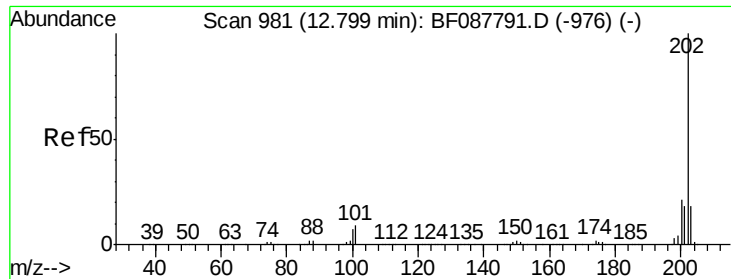


Abundance Ion 184.00 (183.70 to 184.70): E

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

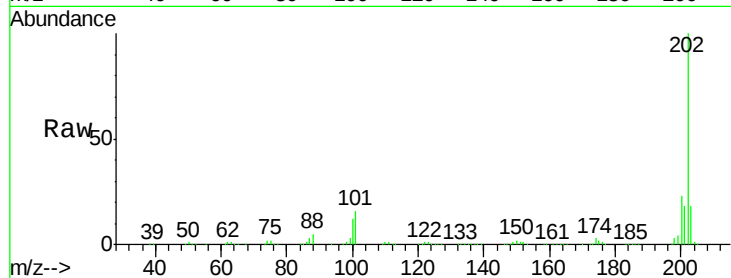
Tot Ion:202 Resp: 986436

Ion Ratio Lower Upper

202 100

200 22.6 17.4 26.2

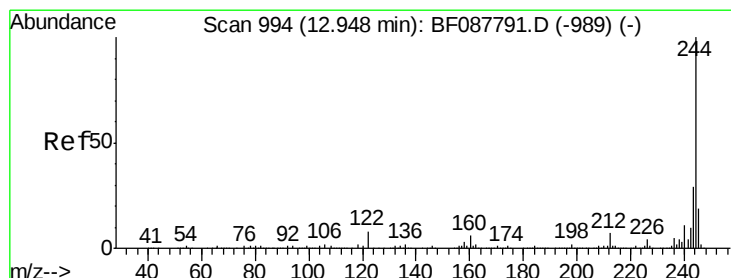
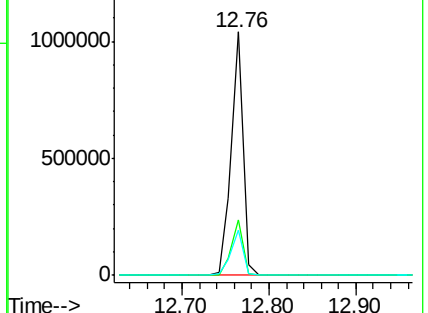
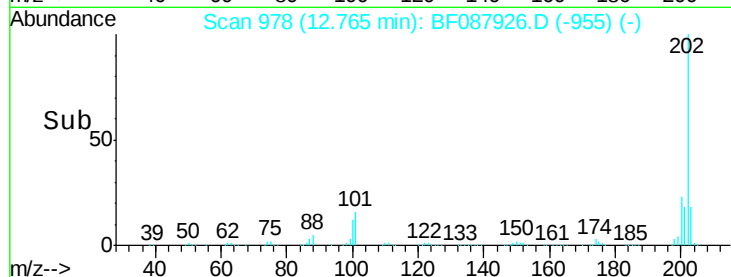
203 18.5 14.5 21.7



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

Acq: 12 Jun 2016 3:53

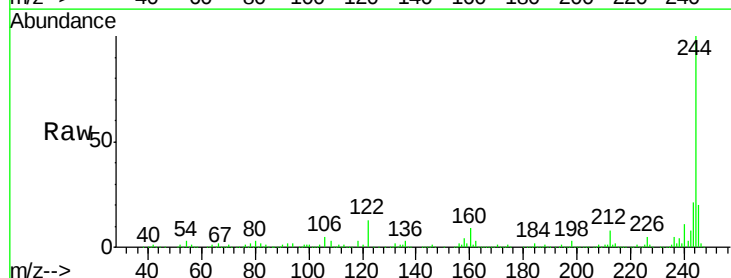
Tgt Ion:244 Resp: 953387

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

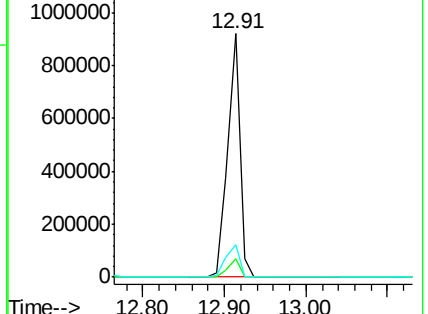
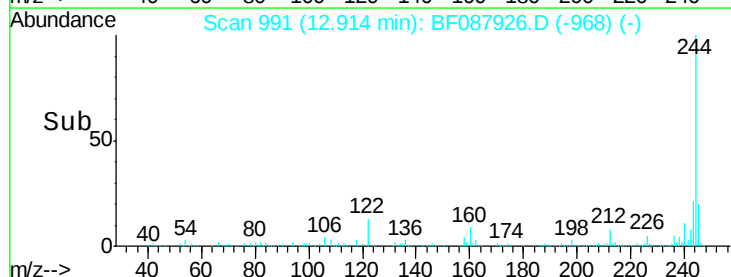
122 13.1 11.2 16.8



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

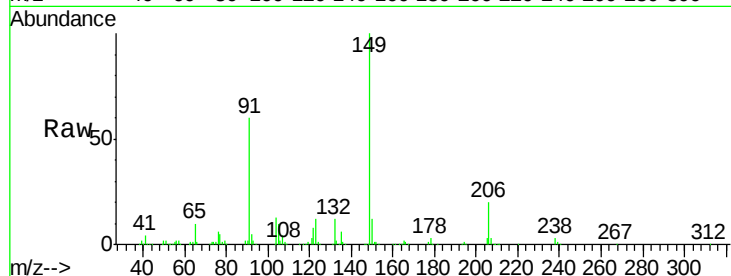
Tot Ion:149 Resp: 517767

Ion Ratio Lower Upper

149 100

91 59.6 48.0 72.0

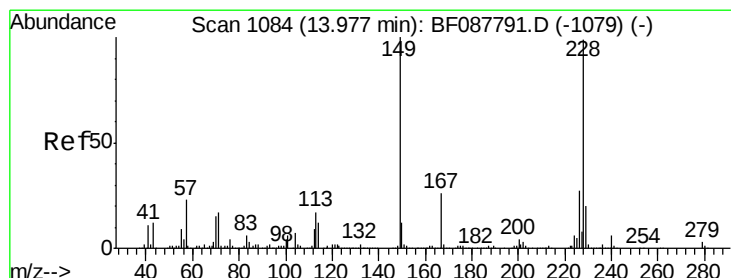
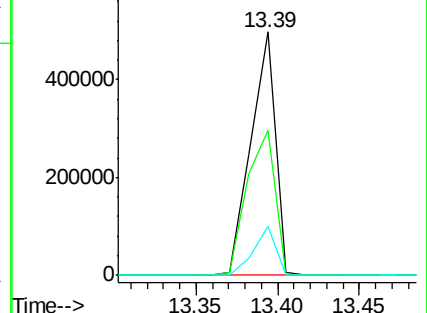
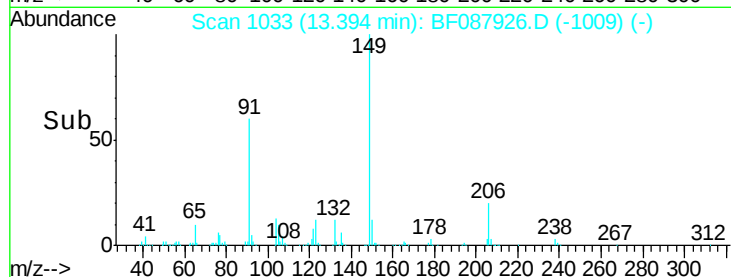
206 20.3 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#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

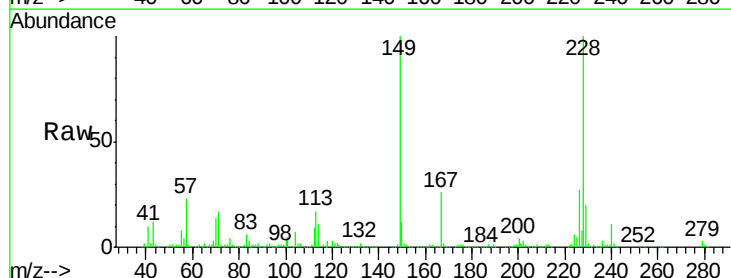
Tgt Ion:228 Resp: 744306

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

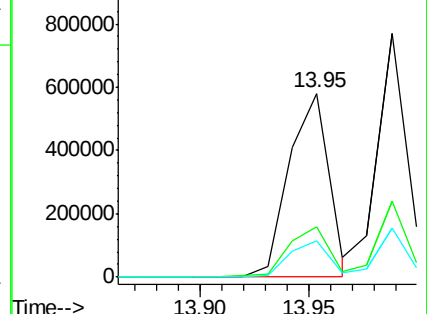
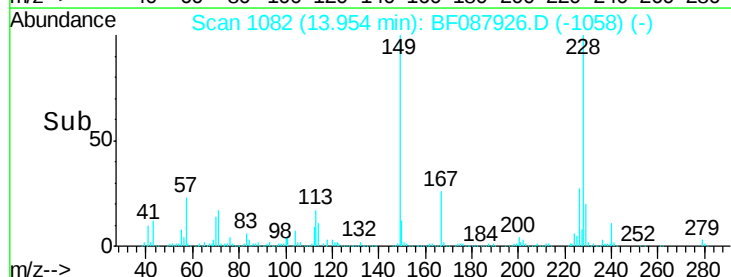
229 20.0 16.0 24.0

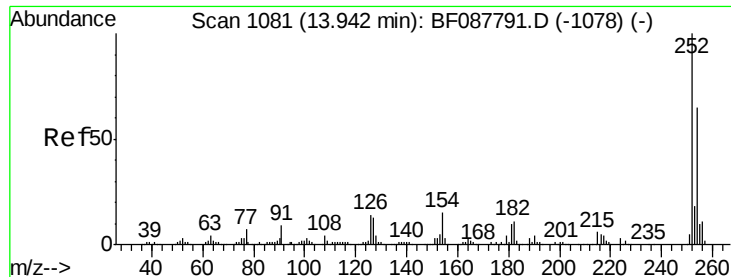


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

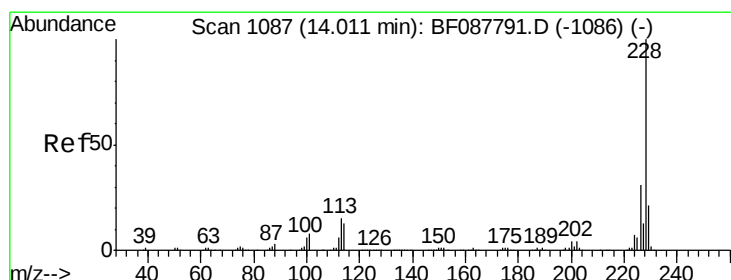
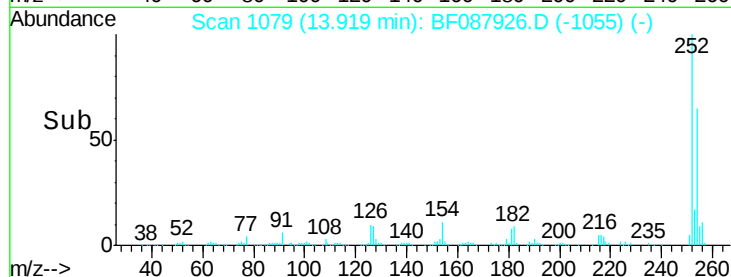
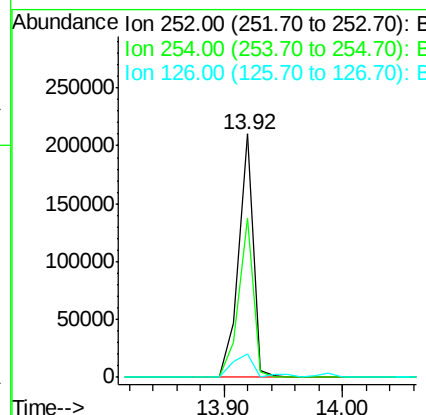
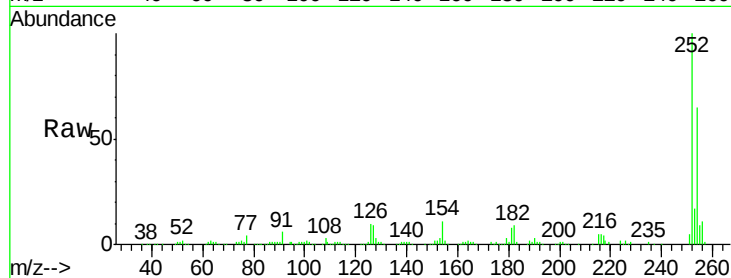




#81
 3,3'-Dichlorobenzidine
 Concen: 35.08 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

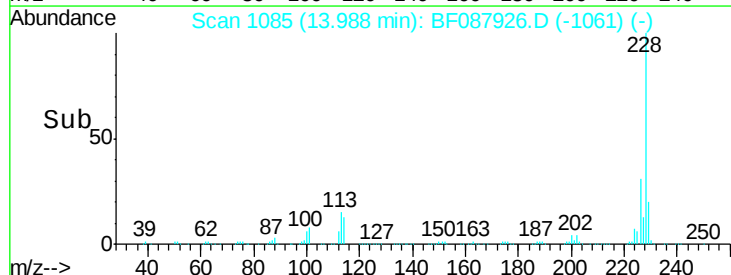
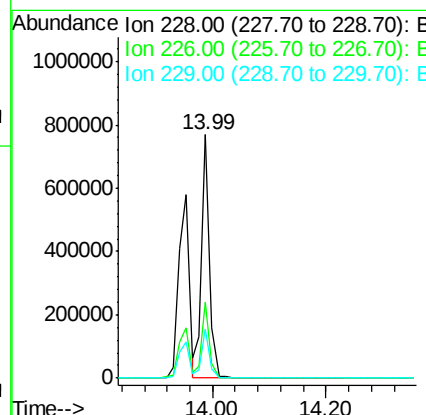
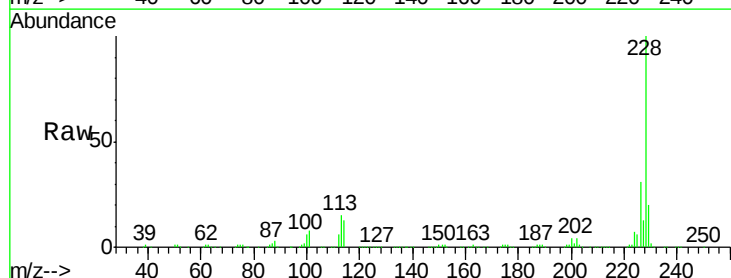
Instrument :
 BNA_F
 ClientSampled :
 PB91213BS

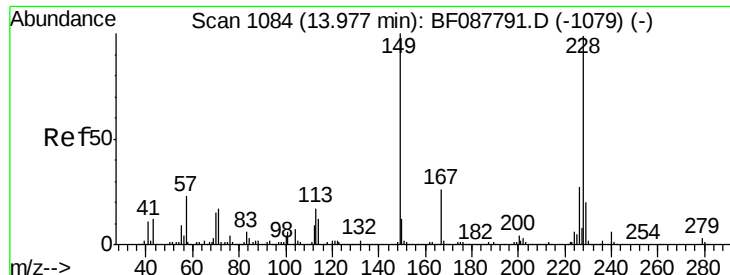
Tot Ion:252 Resp: 182771
 Ion Ratio Lower Upper
 252 100
 254 65.2 52.6 78.8
 126 9.6 6.2 9.2#



#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:228 Resp: 745036
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.4 38.2
 229 20.4 16.3 24.5

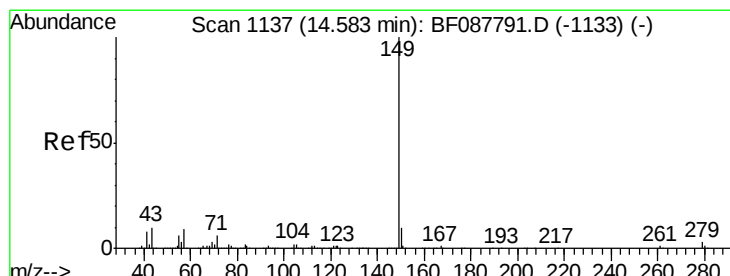
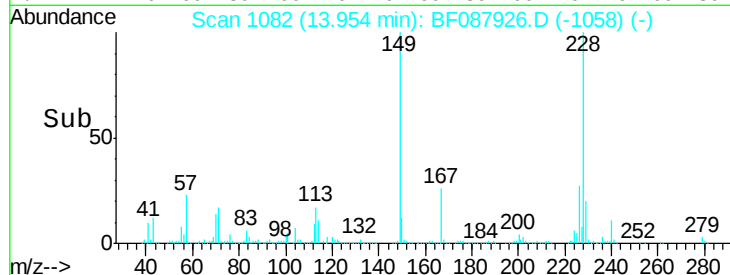
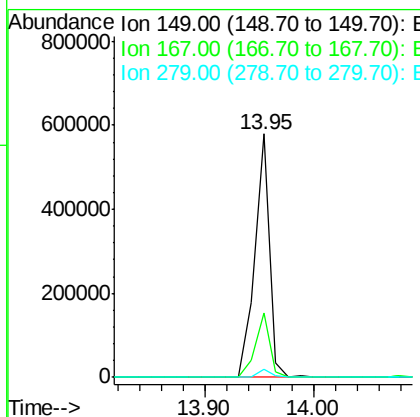
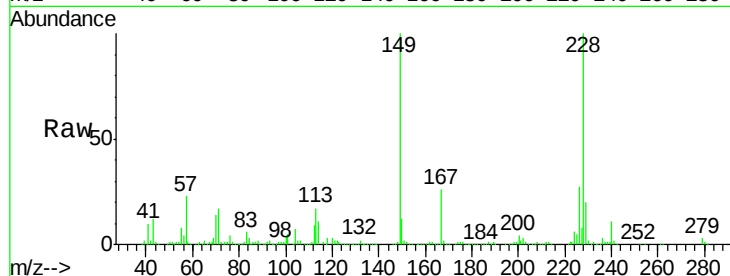




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.47 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

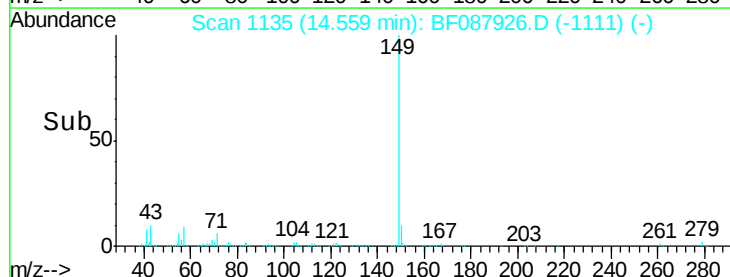
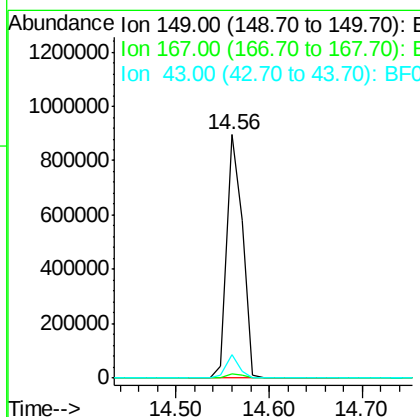
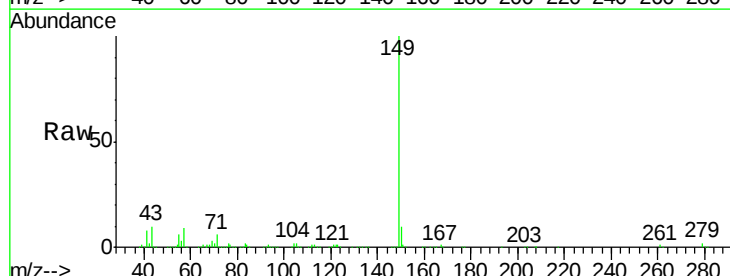
Instrument :
 BNA_F
 ClientSampleId :
 PB91213BS

Tot Ion:149 Resp: 549493
 Ion Ratio Lower Upper
 149 100
 167 26.5 20.5 30.7
 279 3.2 2.0 3.0#



#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:149 Resp: 1055632
 Ion Ratio Lower Upper
 149 100
 167 1.6 0.0 0.0#
 43 8.1 0.0 0.0#

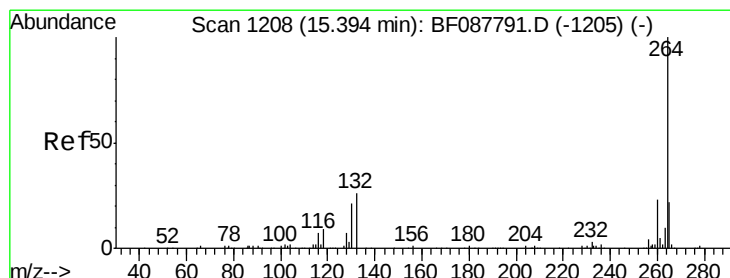
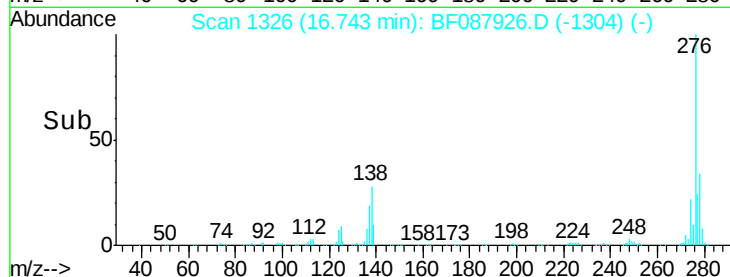
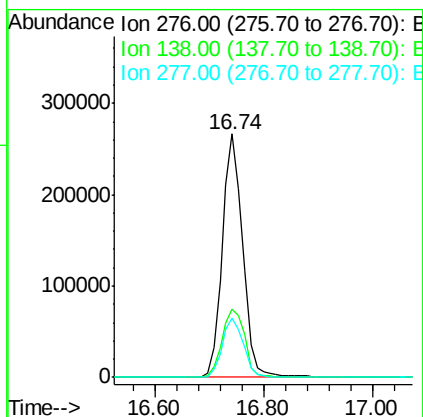
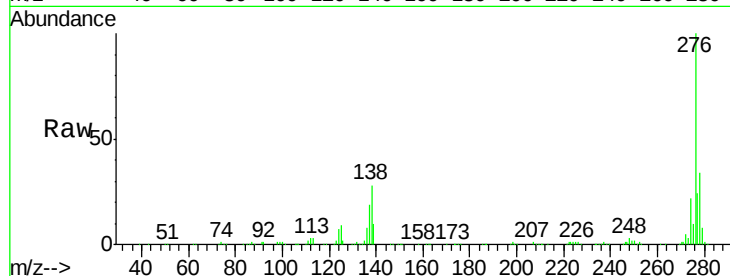




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.13 ng
 RT: 16.74 min Scan# 1326
 Delta R.T. -0.05 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

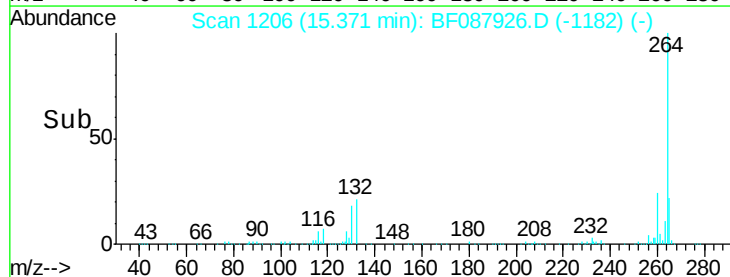
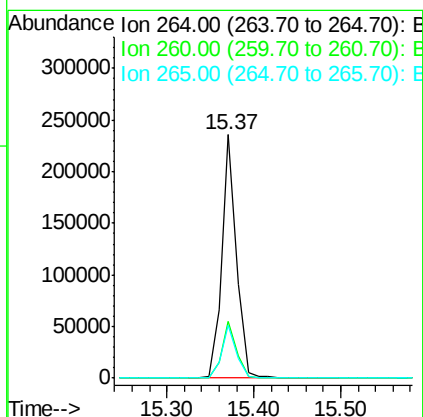
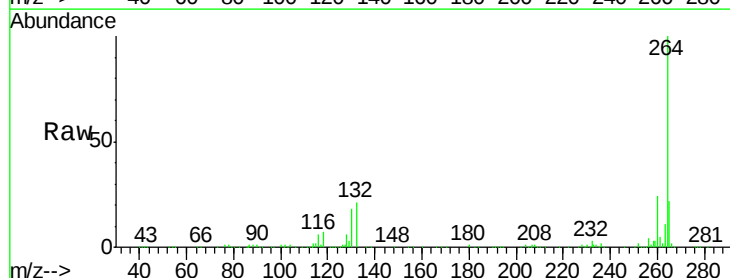
Instrument :
 BNA_F
 ClientSampleId :
 PB91213BS

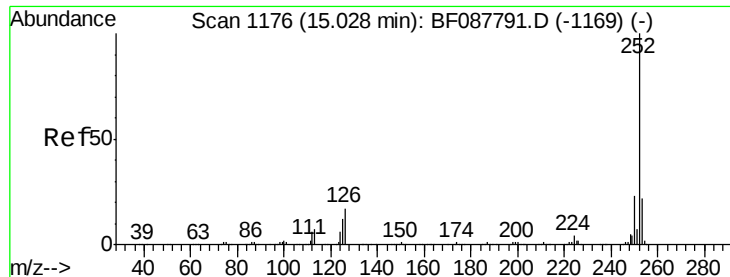
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.3	0.0	0.0#
277	25.3	0.0	0.0#



#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	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	16.9	25.3

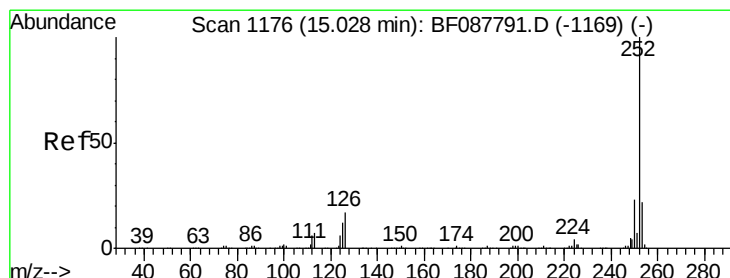
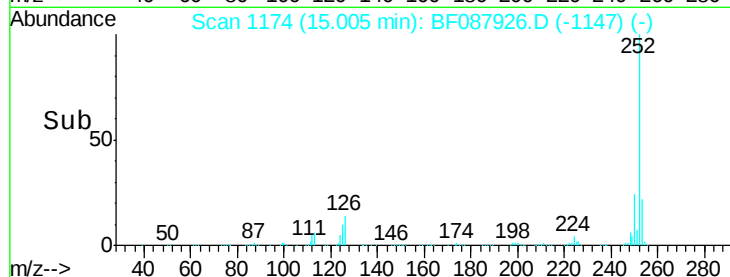
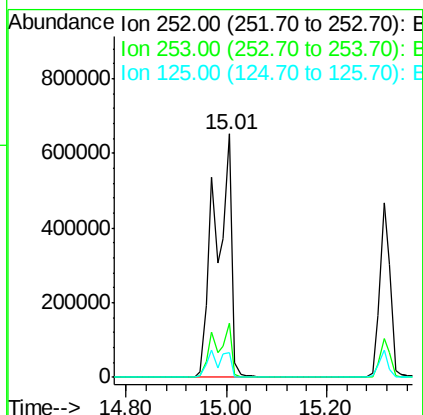
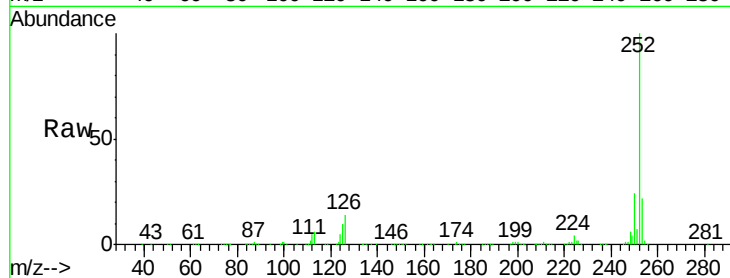




#87
Benzo(b)fluoranthene
Concen: 75.89 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

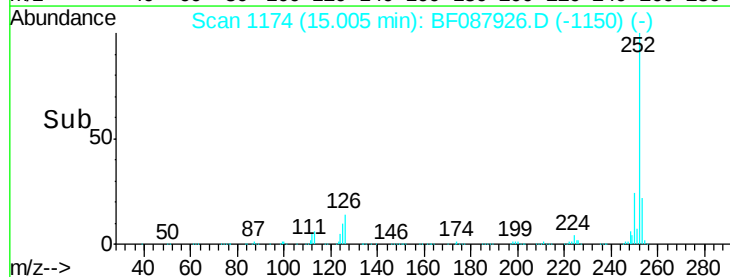
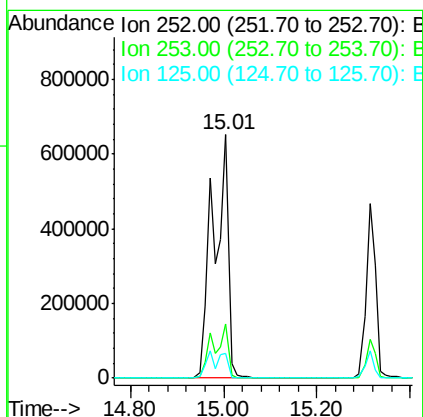
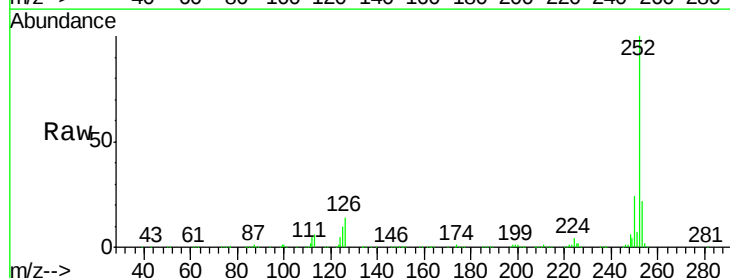
Instrument :
BNA_F
ClientSampleId :
PB91213BS

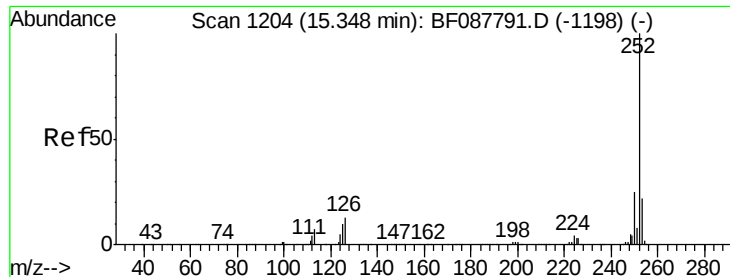
Tot Ion:252 Resp: 1474408
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 9.9 7.1 10.7



#88
Benzo(k)fluoranthene
Concen: 100.64 ng
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: 1474950
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 9.9 11.2 16.8#

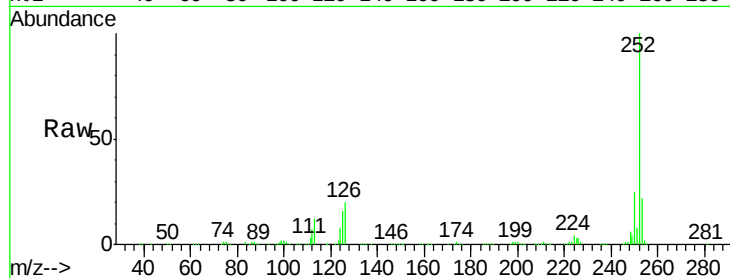




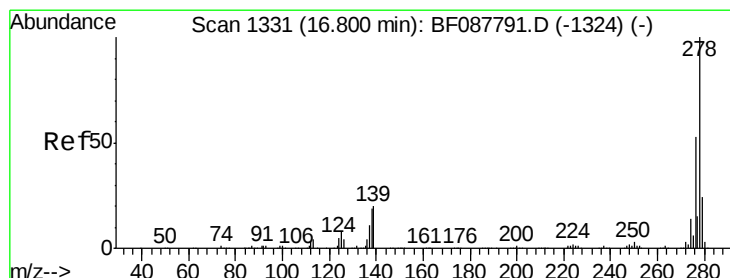
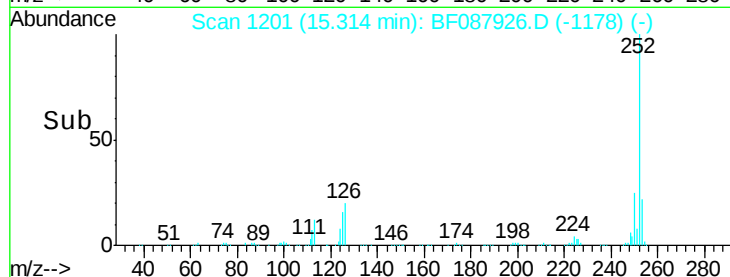
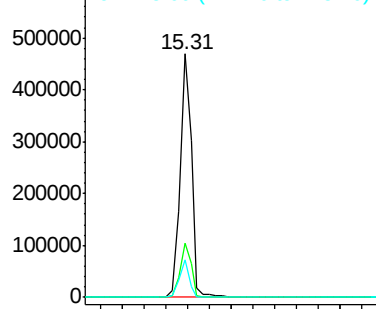
#89
Benzo(a)pyrene
Concen: 43.11 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

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

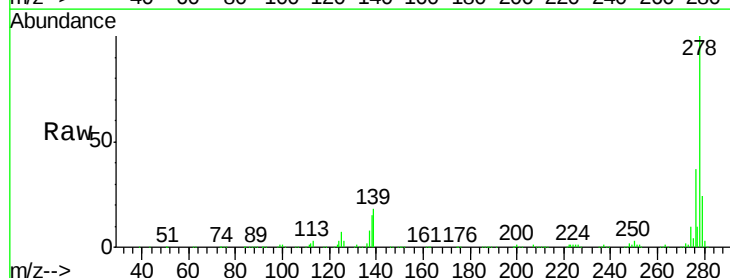


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

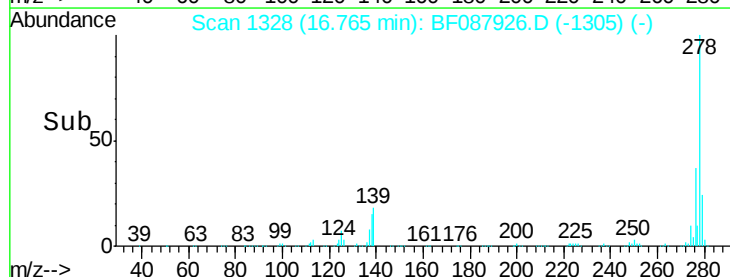
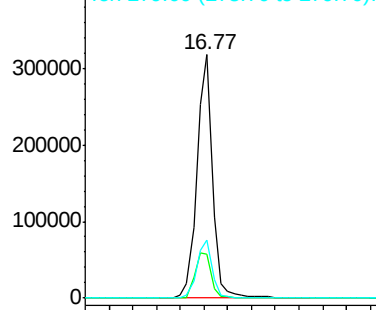


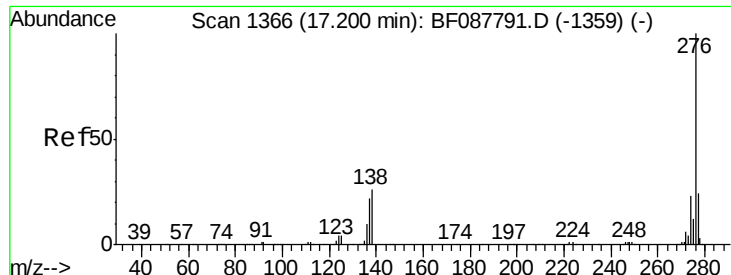
#90
Dibenzo(a,h)anthracene
Concen: 39.65 ng
RT: 16.77 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF087926.D
Acq: 12 Jun 2016 3:53

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



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

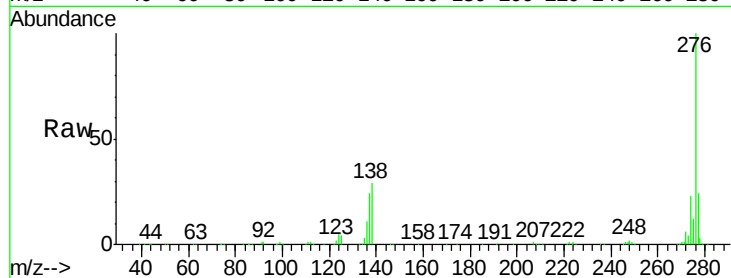




#91
 Benzo(a,h,i)perylene
 Concen: 39.56 ng
 RT: 17.15 min Scan# 1362
 Delta R.T. -0.05 min
 Lab File: BF087926.D
 Acq: 12 Jun 2016 3:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91213BS

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



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

