

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

Instrument :
 BNA_F
 ClientSampleId :
 PB91249BS

Quant Time: Jun 12 06:01:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

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

System Monitoring Compounds

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

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	101021	35.73	ng	# 38
3) Pyridine	3.13	79	259885	38.93	ng	95
4) n-Nitrosodimethylamine	3.07	42	122892	43.47	ng	86
6) Aniline	6.47	93	234402	23.35	ng	98
8) 2-Chlorophenol	6.58	128	307071	44.59	ng	98
9) Benzaldehyde	6.34	77	11550	2.43	ng	98
10) Phenol	6.46	94	421548	58.66	ng	88
11) bis(2-Chloroethyl)ether	6.55	93	281747	45.57	ng	# 81
12) 1,3-Dichlorobenzene	6.74	146	323316	43.76	ng	96
13) 1,4-Dichlorobenzene	6.82	146	335464	45.07	ng	97
14) 1,2-Dichlorobenzene	6.82	146	335464	49.56	ng	98
15) Benzyl Alcohol	6.95	79	232876	42.21	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	361700	43.30	ng	94
17) 2-Methylphenol	7.06	107	260659	46.67	ng	98
18) Hexachloroethane	7.31	117	111357	42.16	ng	# 86
19) n-Nitroso-di-n-propylamine	7.22	70	193294	42.85	ng	93
20) 3+4-Methylphenols	7.22	107	319352	49.01	ng	94
22) Acetophenone	7.21	105	397115	41.41	ng	# 91
24) Nitrobenzene	7.39	77	340881	47.89	ng	97
25) Isophorone	7.63	82	601175	44.17	ng	98
26) 2-Nitrophenol	7.70	139	166589	43.69	ng	96
27) 2,4-Dimethylphenol	7.75	122	302029	43.02	ng	94
28) bis(2-Chloroethoxy)methane	7.85	93	401746	47.59	ng	99
29) 2,4-Dichlorophenol	7.95	162	294703	50.28	ng	93
30) 1,2,4-Trichlorobenzene	8.03	180	269387	42.21	ng	100
31) Naphthalene	8.11	128	927594	43.68	ng	99
32) Benzoic acid	7.88	122	198082	51.24	ng	93
33) 4-Chloroaniline	8.16	127	130034	13.71	ng	97
34) Hexachlorobutadiene	8.24	225	139593	41.47	ng	98
35) Caprolactam	8.54	113	59935	30.87	ng	95
36) 4-Chloro-3-methylphenol	8.65	107	294916	47.05	ng	99
37) 2-Methylnaphthalene	8.81	142	635446	45.40	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	238922	44.00	ng	# 1
40) Hexachlorocyclopentadiene	8.96	237	251419	75.27	ng	99

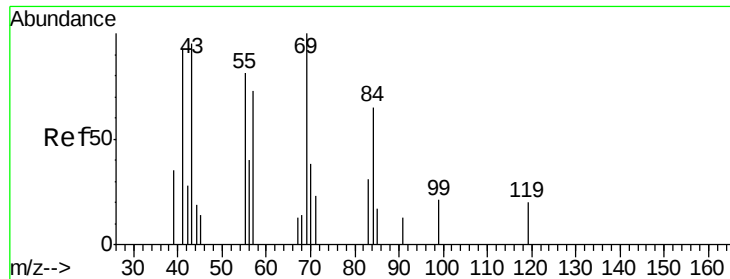
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087928.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	199498	48.18	nq	97
43) 2,4,5-Trichlorophenol	9.13	196	188758	43.81	nq	# 92
45) 1,1'-Biphenyl	9.27	154	696715	44.80	nq	99
46) 2-Chloronaphthalene	9.29	162	564764	42.15	nq	99
47) 2-Nitroaniline	9.39	65	200798	50.80	nq	# 73
48) Acenaphthylene	9.71	152	993197	46.60	nq	99
49) Dimethylphthalate	9.58	163	658646	43.91	nq	99
50) 2,6-Dinitrotoluene	9.63	165	151805	44.19	nq	# 67
51) Acenaphthene	9.88	154	656869	49.40	nq	99
52) 3-Nitroaniline	9.79	138	83422	21.05	nq	97
53) 2,4-Dinitrophenol	9.91	184	148741	79.20	nq	96
54) Dibenzofuran	10.06	168	887148	48.45	nq	97
55) 4-Nitrophenol	9.98	139	316657	102.92	nq	# 65
56) 2,4-Dinitrotoluene	10.03	165	215377	48.79	nq	# 59
57) Fluorene	10.40	166	614065	50.18	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	165240	48.81	nq	# 52
59) Diethylphthalate	10.27	149	672118	44.27	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	263962	43.35	nq	99
61) 4-Nitroaniline	10.42	138	191446	50.92	nq	92
62) Azobenzene	10.55	77	723069	48.16	nq	98
64) 4,6-Dinitro-2-methylphenol	10.44	198	112952	46.10	nq	83
65) n-Nitrosodiphenylamine	10.51	169	626172	47.99	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	191687	45.43	nq	97
67) Hexachlorobenzene	10.94	284	183436	41.85	nq	96
68) Atrazine	11.04	200	184157	46.60	nq	92
69) Pentachlorophenol	11.13	266	209910	90.84	nq	96
70) Phenanthrene	11.35	178	912214	44.20	nq	100
71) Anthracene	11.41	178	963871	46.30	nq	100
72) Carbazole	11.55	167	859268	44.11	nq	99
73) Di-n-butylphthalate	11.90	149	979753	39.73	nq	100
74) Fluoranthene	12.54	202	866443	39.79	nq	99
76) Benzidine	12.66	184	286091	39.05	nq	97
77) Pyrene	12.77	202	932496	47.49	nq	100
79) Butylbenzylphthalate	13.39	149	425827	49.05	nq	97
80) Benzo(a)anthracene	13.95	228	640886	42.50	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	116339	28.69	nq	99
82) Chrysene	13.99	228	625502	44.09	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	481156	45.53	nq	# 98
84) Di-n-octyl phthalate	14.56	149	922819	53.74	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.74	276	612099	46.44	nq	# 100
87) Benzo(b)fluoranthene	14.97	252	649929	38.62	nq	# 95
88) Benzo(k)fluoranthene	14.97	252	649929	51.19	nq	100
89) Benzo(a)pyrene	15.31	252	607967	44.65	nq	99
90) Dibenzo(a,h)anthracene	16.77	278	503295	39.80	nq	97
91) Benzo(g,h,i)perylene	17.15	276	527049	40.51	nq	99

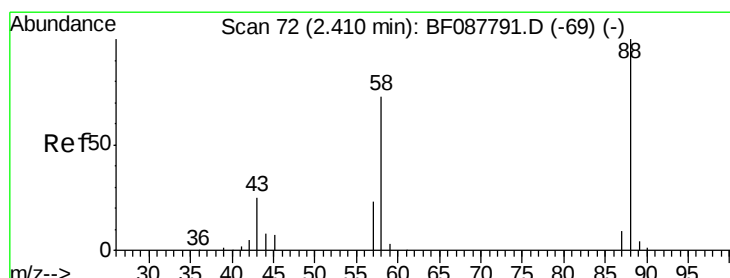
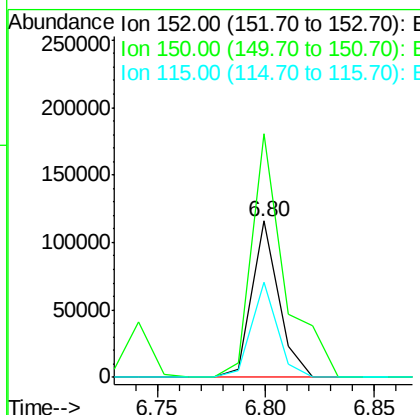
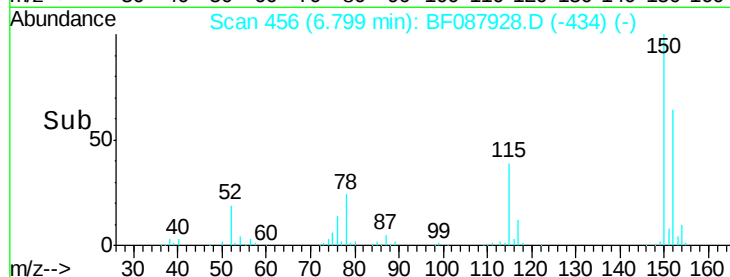
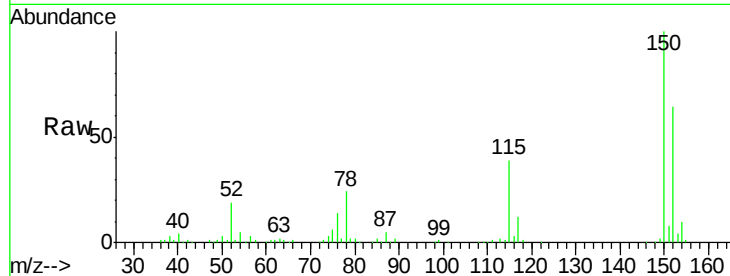
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

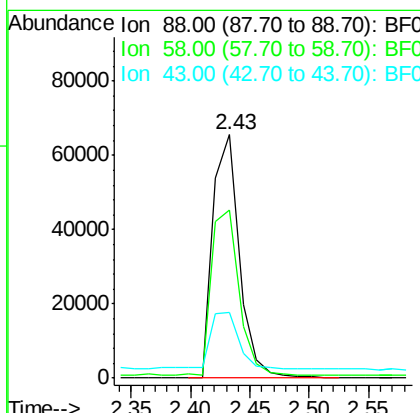
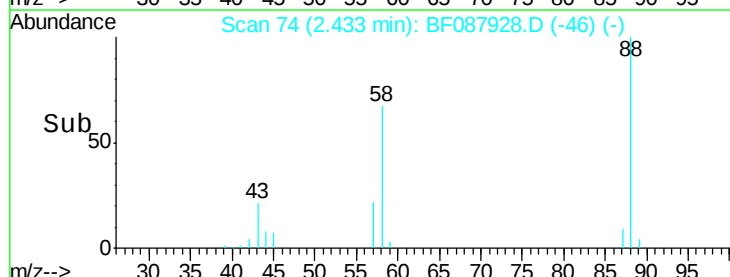
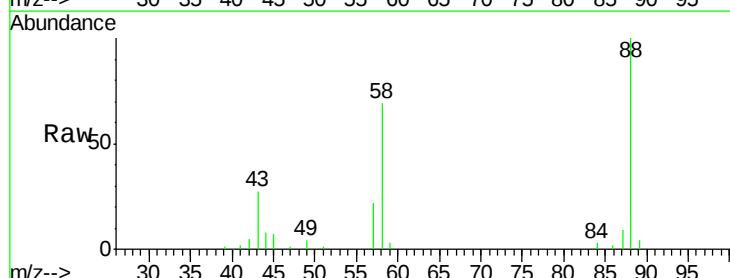
Instrument :
 BNA_F
 ClientSampleId :
 PB91249BS

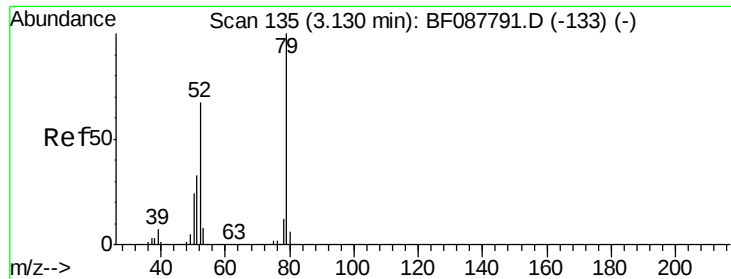
Tot Ion:152 Resp: 99468
 Ion Ratio Lower Upper
 152 100
 150 156.1 123.8 185.6
 115 61.4 39.6 59.4#



#2
 1,4-Dioxane
 Concen: 35.73 ng
 RT: 2.43 min Scan# 74
 Delta R.T. 0.02 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

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





#3

Pvridine

Concen: 38.93 ng

RT: 3.13 min Scan# 135

Delta R.T. -0.00 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

ClientSampleId :

PB91249BS

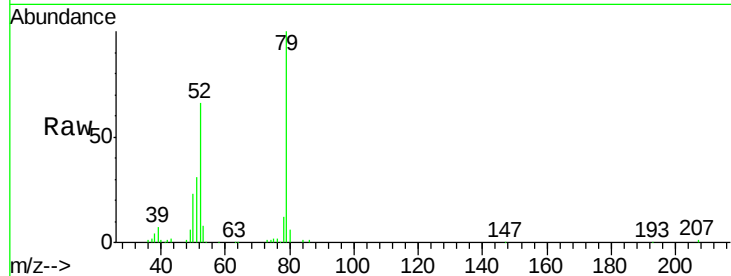
Tot Ion: 79 Resp: 259885

Ion Ratio Lower Upper

79 100

52 65.9 56.3 84.5

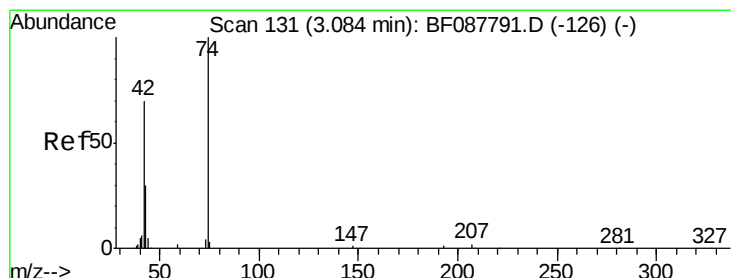
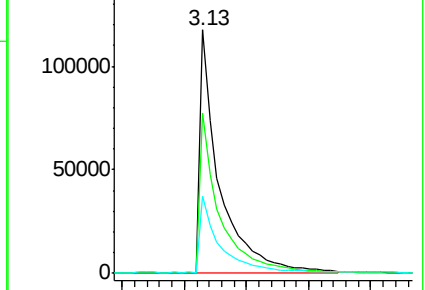
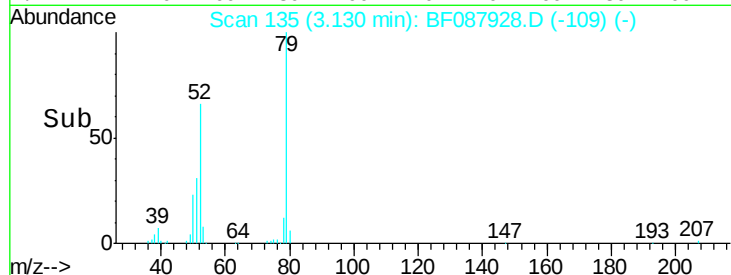
51 31.5 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 43.47 ng

RT: 3.07 min Scan# 130

Delta R.T. -0.01 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

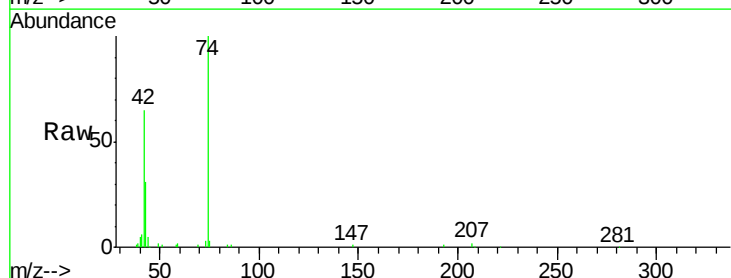
Tgt Ion: 42 Resp: 122892

Ion Ratio Lower Upper

42 100

74 153.5 108.6 163.0

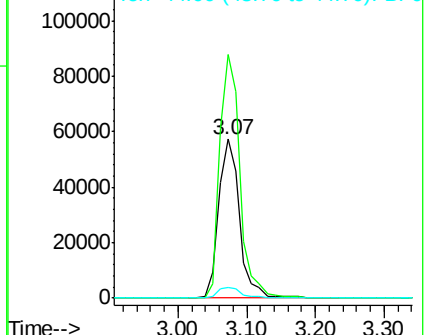
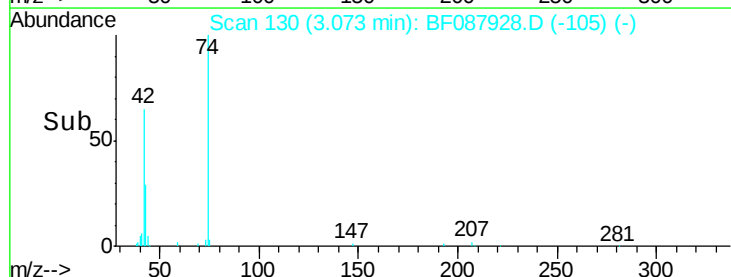
44 7.0 5.5 8.3

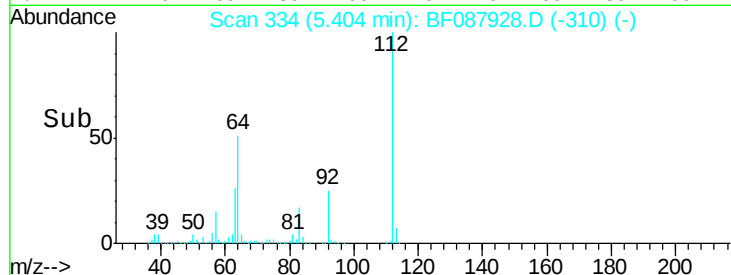
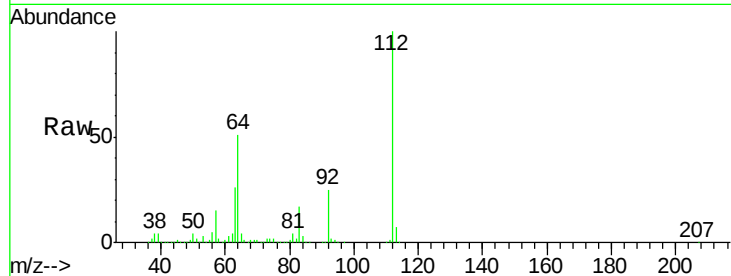
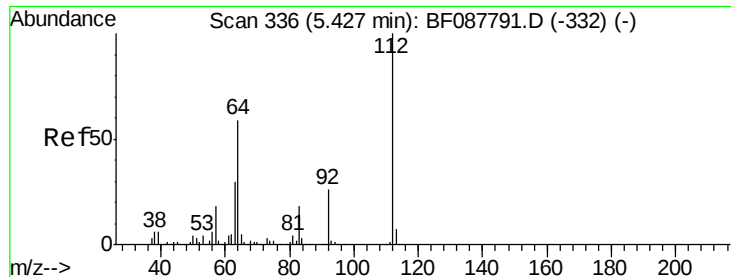


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 139.48 ng

RT: 5.40 min Scan# 334

Delta R.T. -0.02 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

ClientSampleId :

PB91249BS

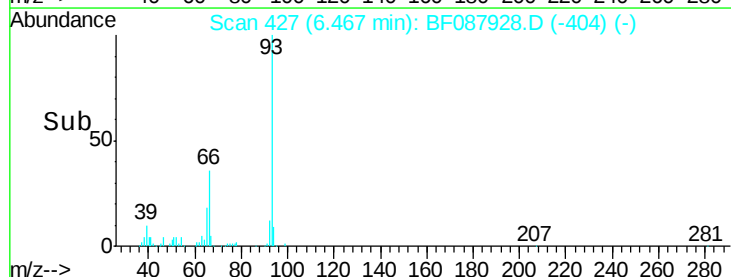
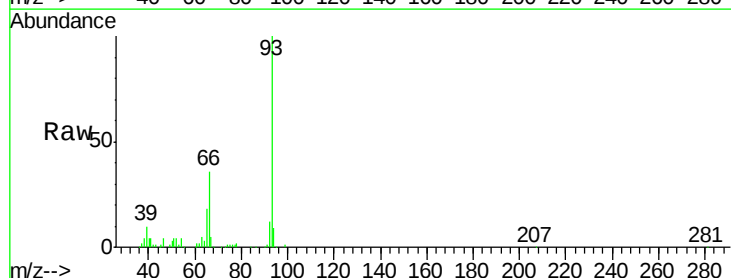
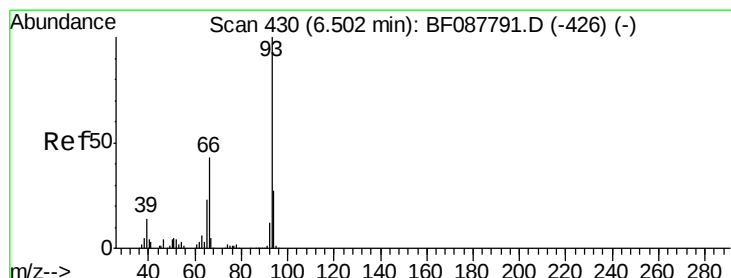
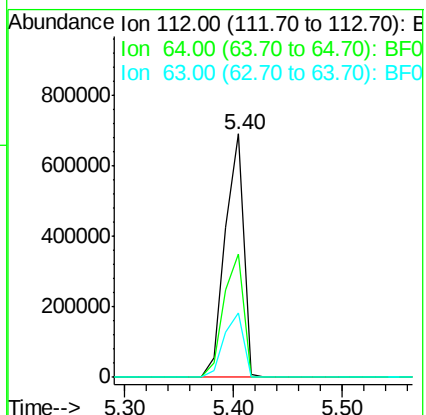
Tot Ion:112 Resp: 811577

Ion Ratio Lower Upper

112 100

64 50.8 42.2 63.2

63 26.4 21.8 32.8



#6

Aniline

Concen: 23.35 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

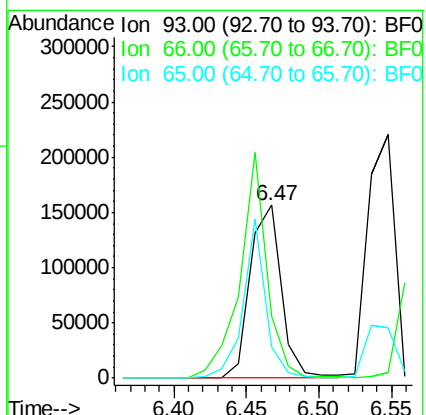
Tgt Ion: 93 Resp: 234402

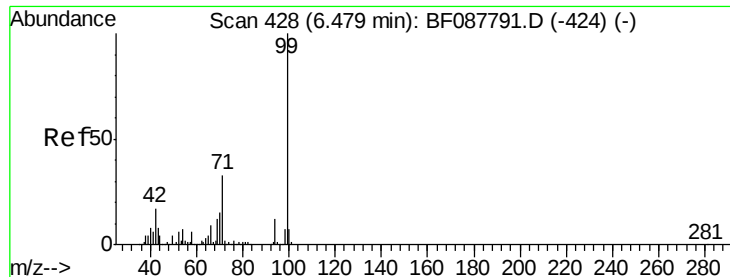
Ion Ratio Lower Upper

93 100

66 35.8 29.8 44.8

65 18.3 14.9 22.3





#7

Phenol-d6

Concen: 140.91 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

ClientSampleId :

PB91249BS

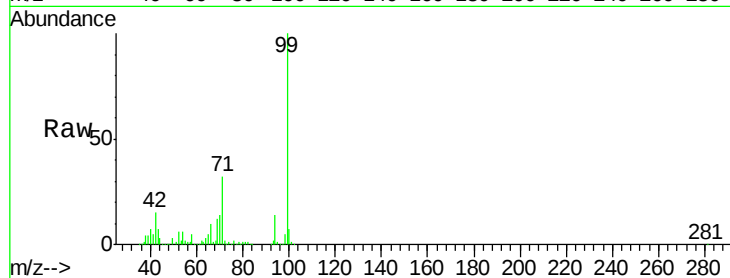
Tot Ion: 99 Resp: 993623

Ion Ratio Lower Upper

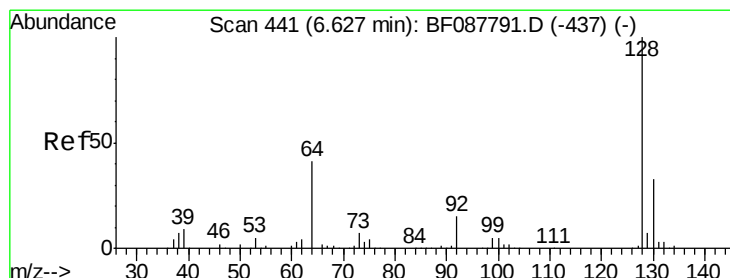
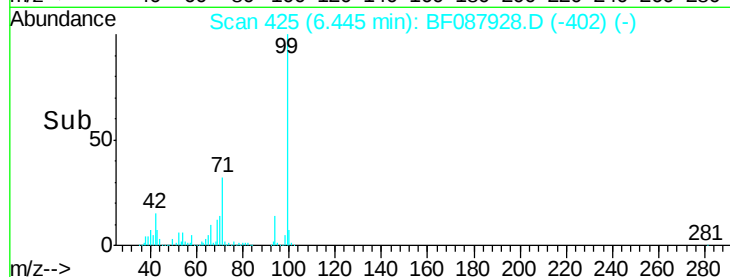
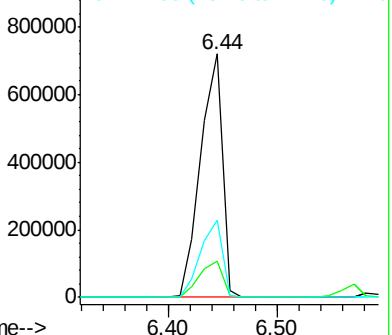
99 100

42 15.0 12.2 18.2

71 31.7 23.4 35.0



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: 44.59 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.05 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

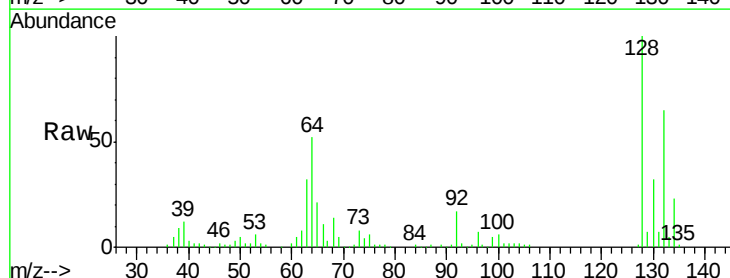
Tgt Ion: 128 Resp: 307071

Ion Ratio Lower Upper

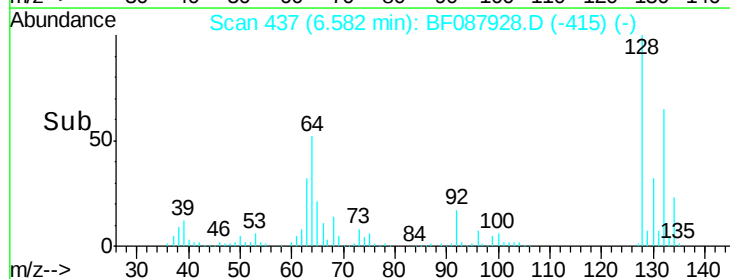
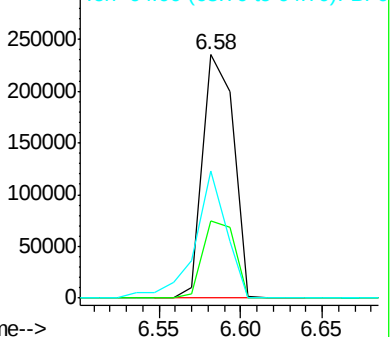
128 100

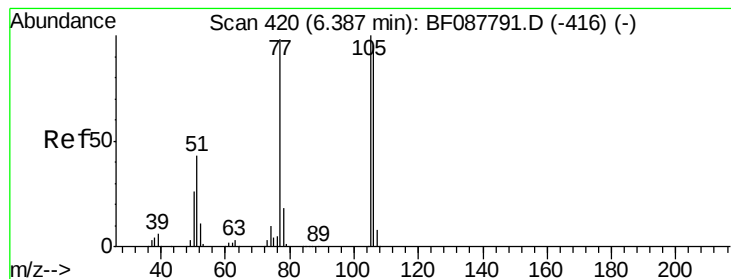
130 31.6 12.0 52.0

64 52.2 30.8 70.8



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: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

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ClientSampleId :

PB91249BS

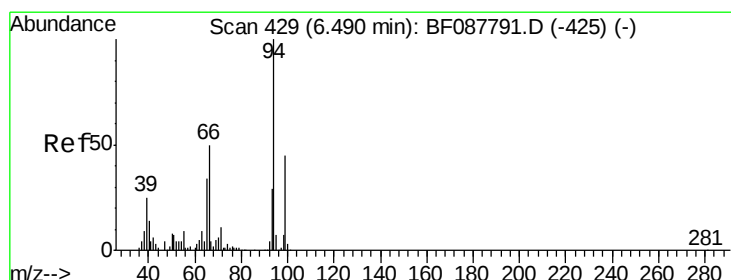
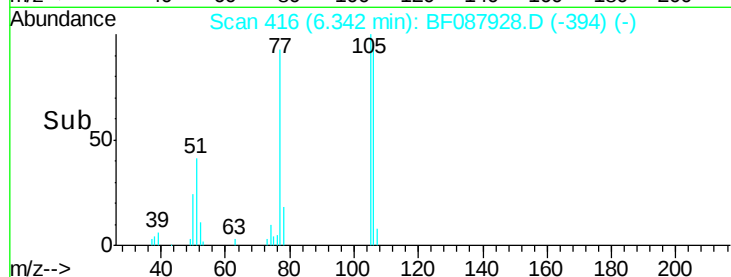
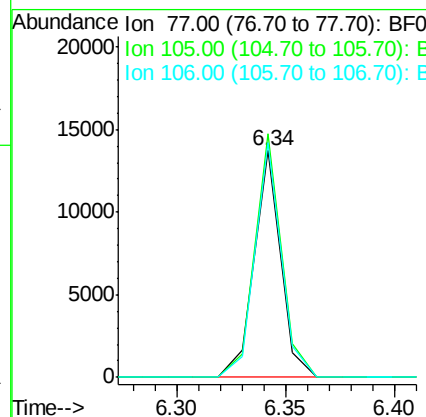
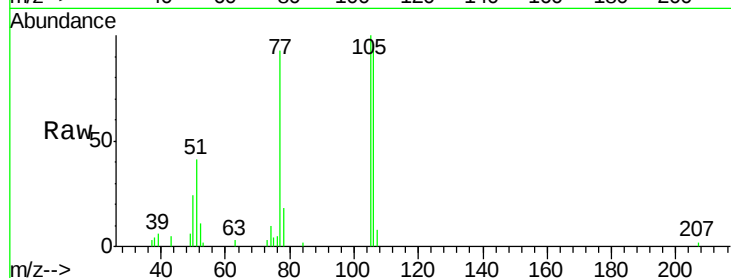
Tot Ion: 77 Resp: 11550

Ion Ratio Lower Upper

77 100

105 107.4 90.6 130.6

106 103.5 85.3 125.3



#10

Phenol

Concen: 58.66 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

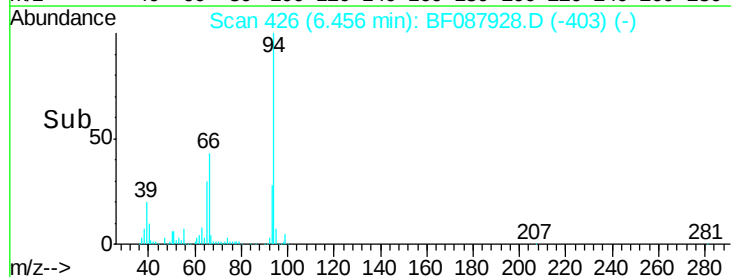
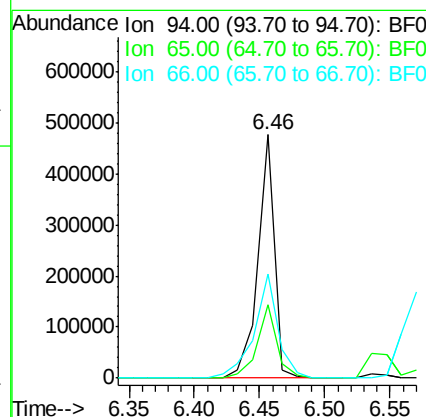
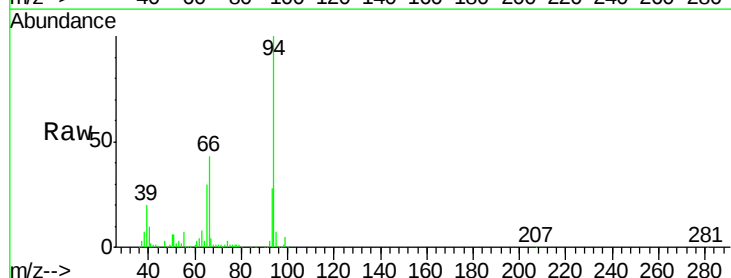
Tgt Ion: 94 Resp: 421548

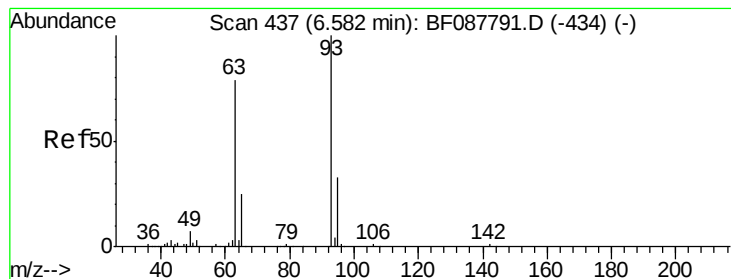
Ion Ratio Lower Upper

94 100

65 30.2 5.9 45.9

66 42.9 14.0 54.0

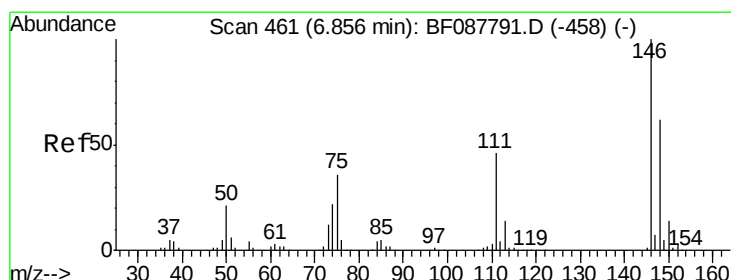
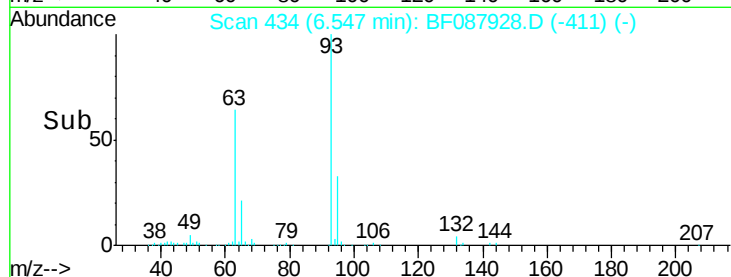
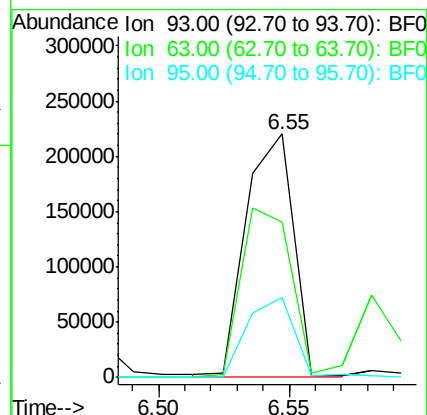
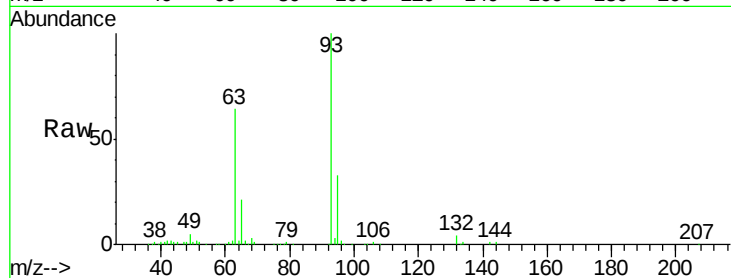




#11
 bis(2-Chloroethyl)ether
 Concen: 45.57 ng
 RT: 6.55 min Scan# 434
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

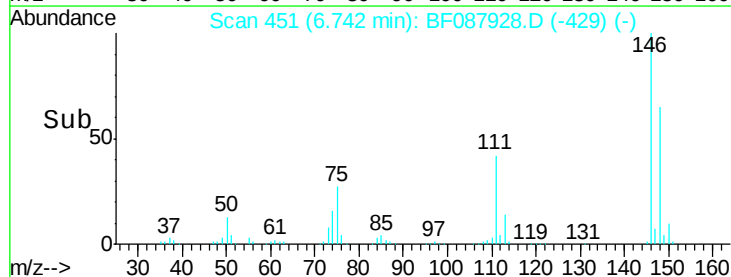
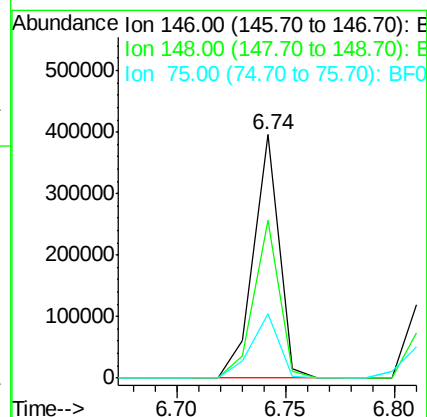
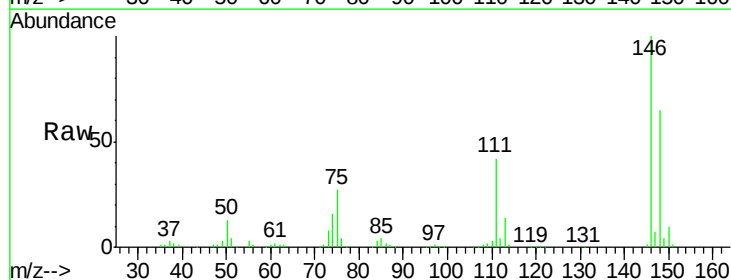
Instrument :
 BNA_F
 ClientSampleId :
 PB91249BS

Tot Ion: 93 Resp: 281747
 Ion Ratio Lower Upper
 93 100
 63 64.0 67.6 107.6#
 95 33.0 12.5 52.5



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

Tgt Ion: 146 Resp: 323316
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.9 76.3
 75 26.7 25.6 38.4

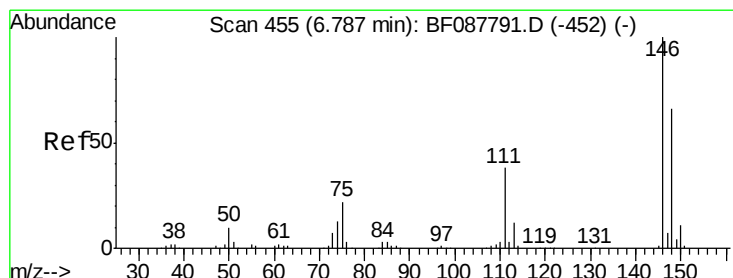
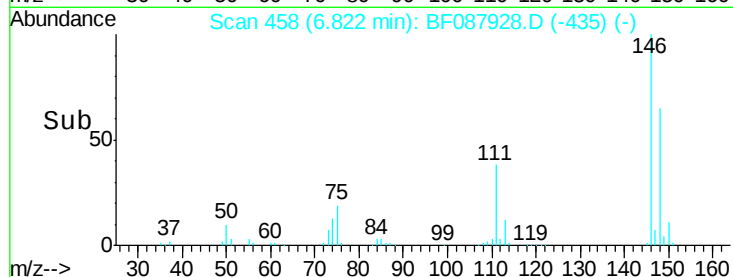
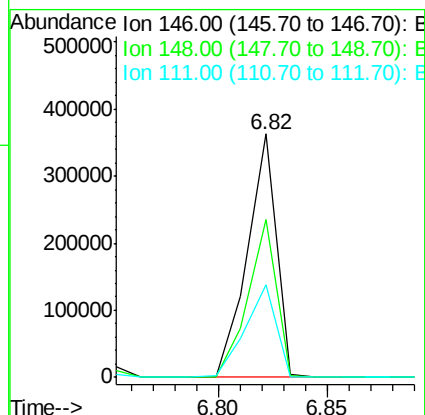
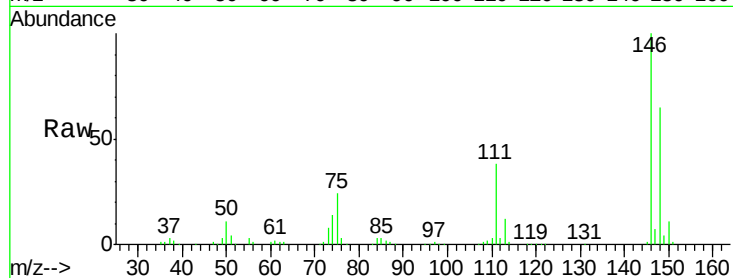




#13
 1,4-Dichlorobenzene
 Concen: 45.07 ng
 RT: 6.82 min Scan# 458
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

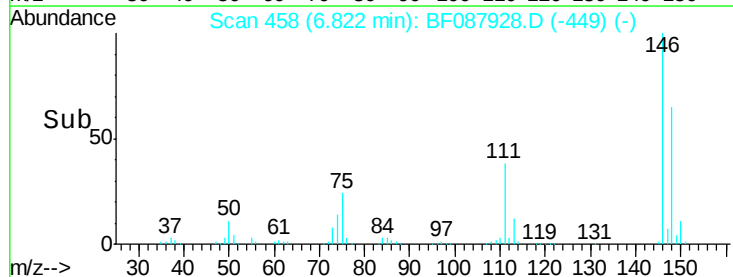
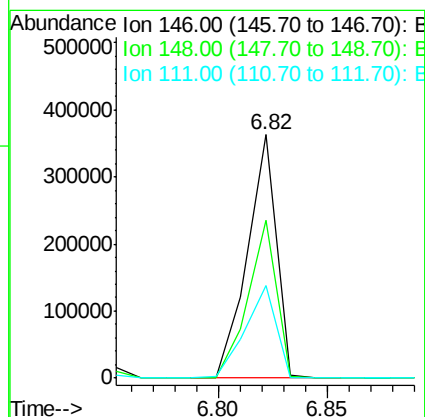
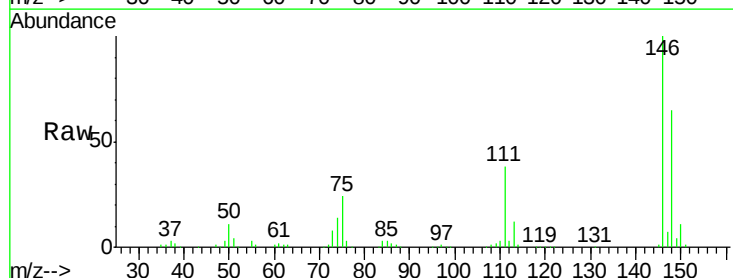
Instrument :
 BNA_F
 ClientSampleId :
 PB91249BS

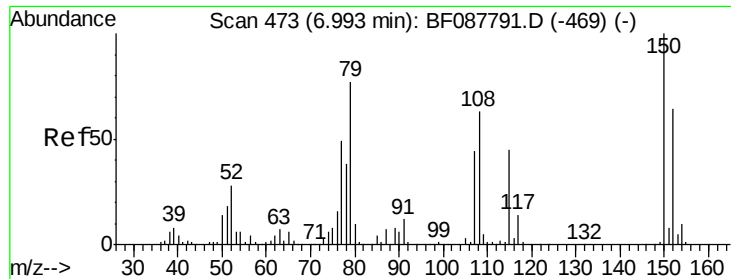
Tot Ion:146 Resp: 335464
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.0 78.0
 111 38.0 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 49.56 ng
 RT: 6.82 min Scan# 458
 Delta R.T. -0.19 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Tgt Ion:146 Resp: 335464
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.3 78.5
 111 38.0 28.7 43.1

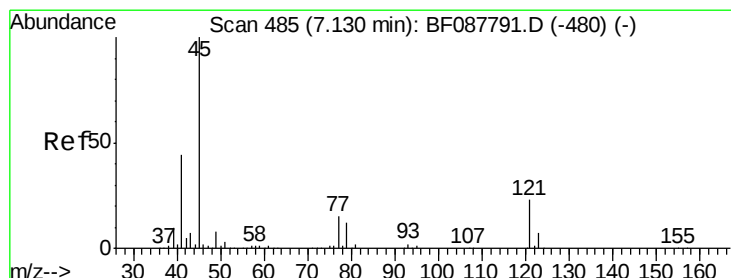
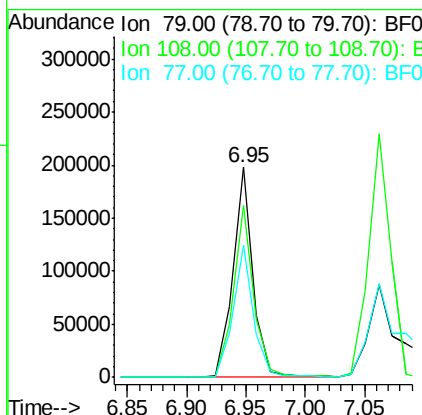
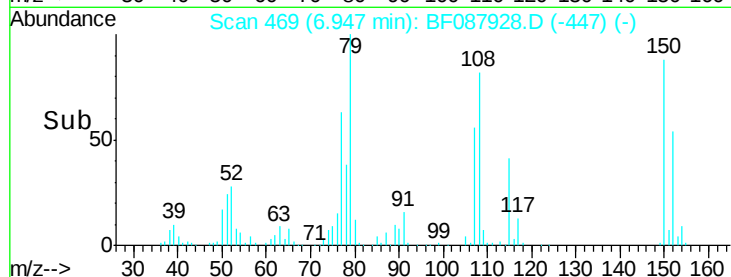
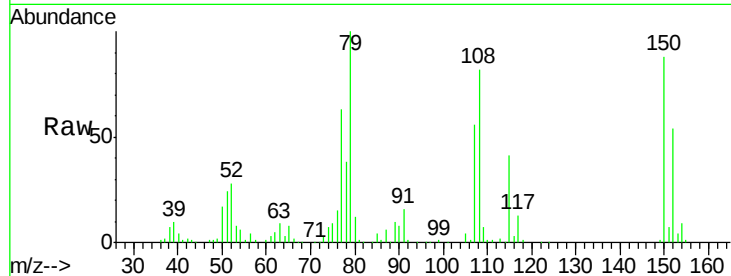




#15
Benzyl Alcohol
Concen: 42.21 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.05 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

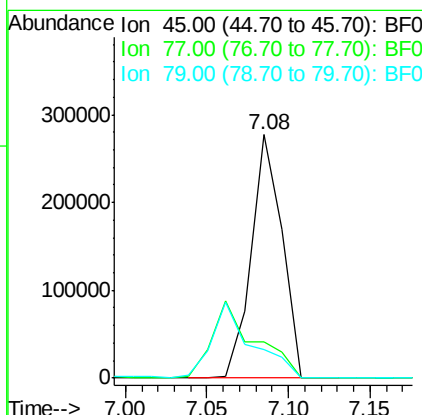
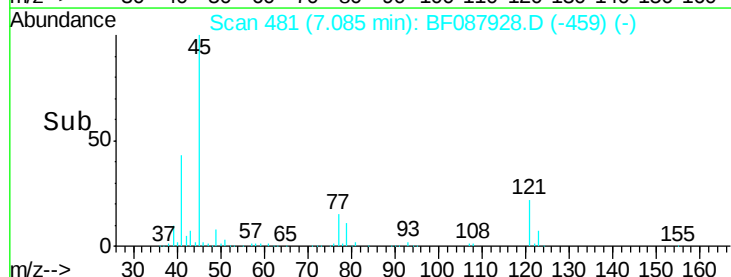
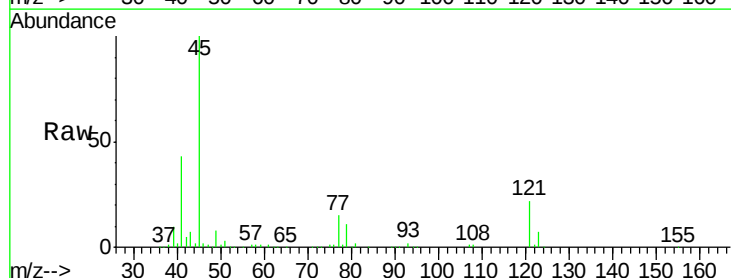
Instrument :
BNA_F
ClientSampleId :
PB91249BS

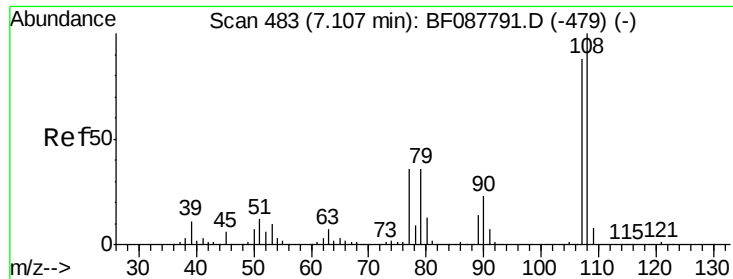
Tot Ion: 79 Resp: 232876
Ion Ratio Lower Upper
79 100
108 82.2 65.0 97.6
77 62.9 50.3 75.5



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

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

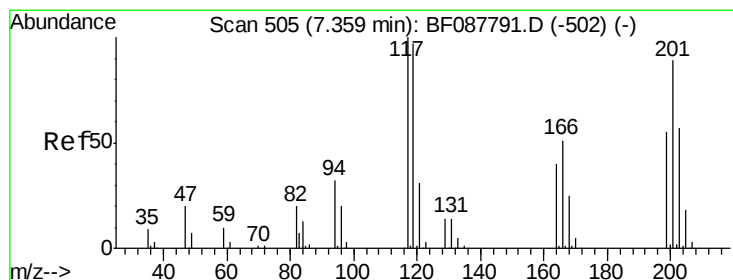
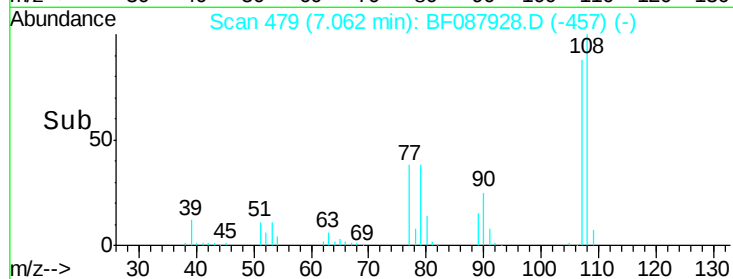
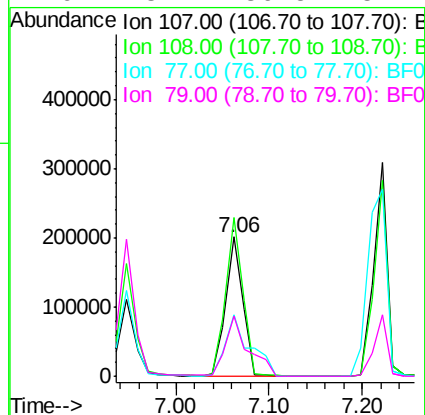
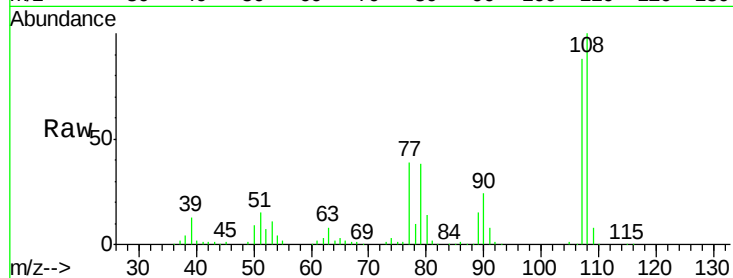




#17
2-Methylphenol
Concen: 46.67 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.05 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

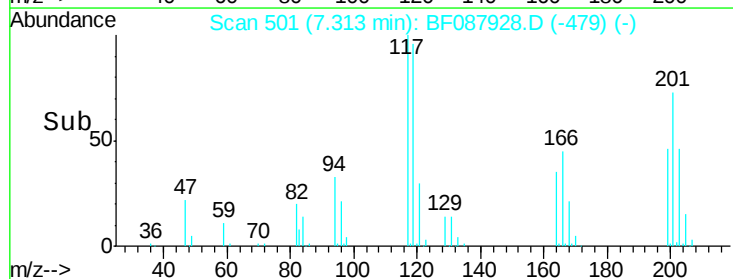
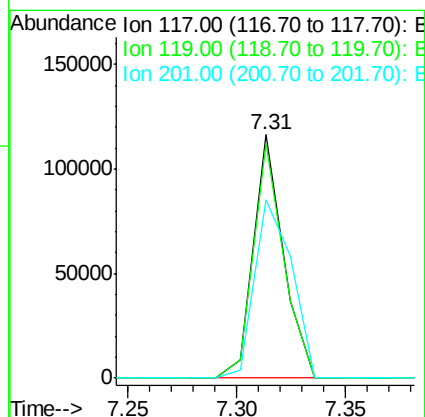
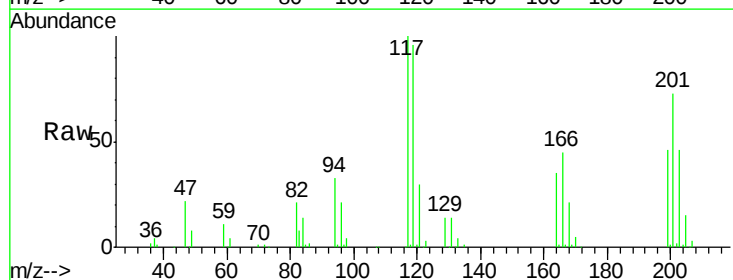
Instrument :
BNA_F
ClientSampleId :
PB91249BS

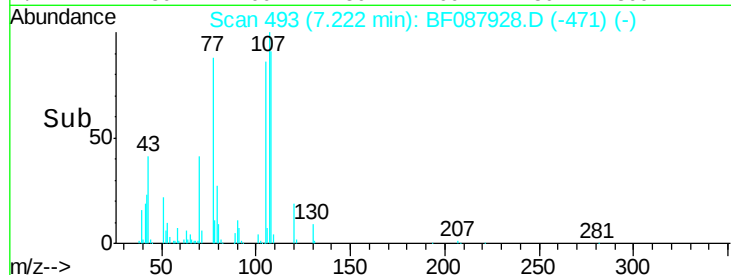
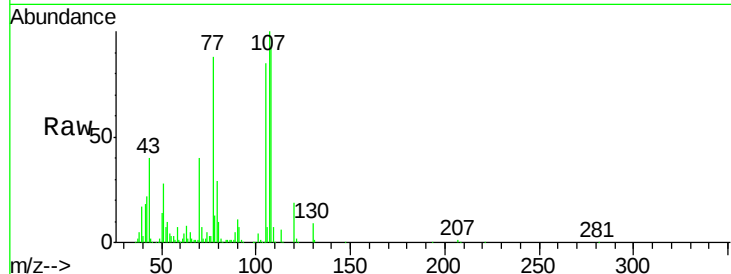
Tot Ion:	107	Resp:	260659
Ion	Ratio	Lower	Upper
107	100		
108	113.8	90.9	136.3
77	43.8	36.6	55.0
79	43.2	36.5	54.7



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

Tgt Ion:	117	Resp:	111357
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.2
201	73.2	80.4	120.6#

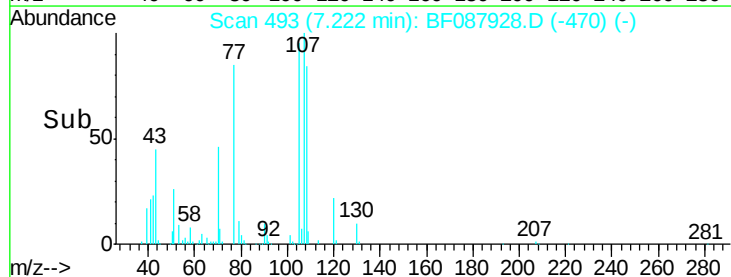
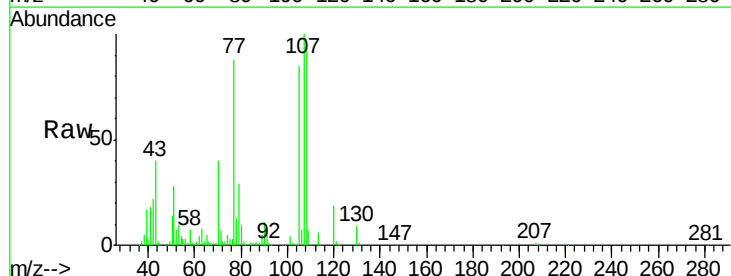
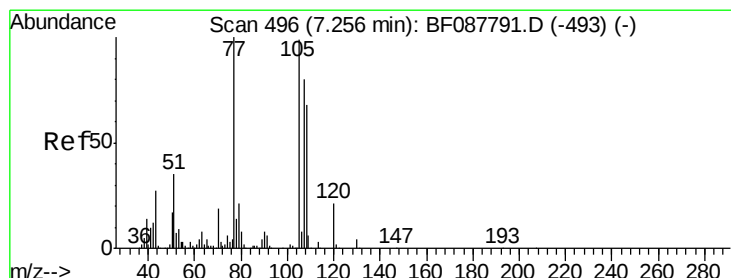
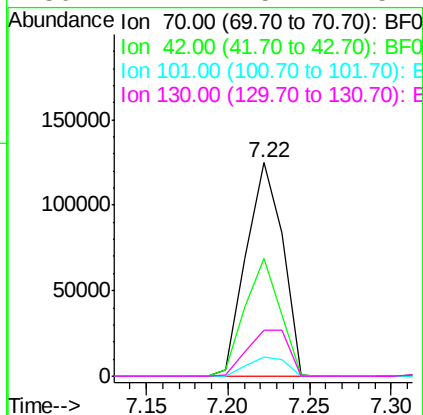




#19
n-Nitroso-di-n-propylamine
Concen: 42.85 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.05 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

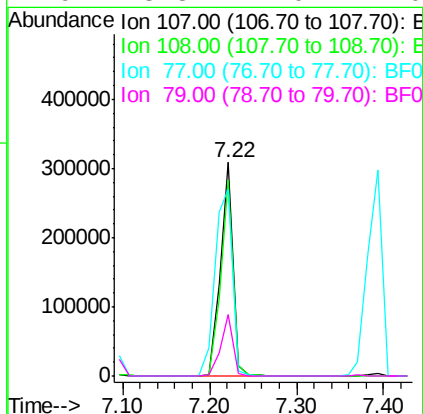
Instrument :
BNA_F
ClientSampleId :
PB91249BS

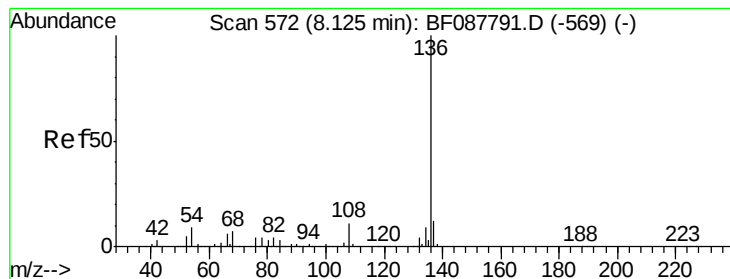
Tot Ion	Ratio	Lower	Upper
70	100		
42	55.2	49.6	74.4
101	9.3	7.1	10.7
130	21.4	15.4	23.2



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

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

ClientSampleId :

PB91249BS

Tot Ion:136 Resp: 429107

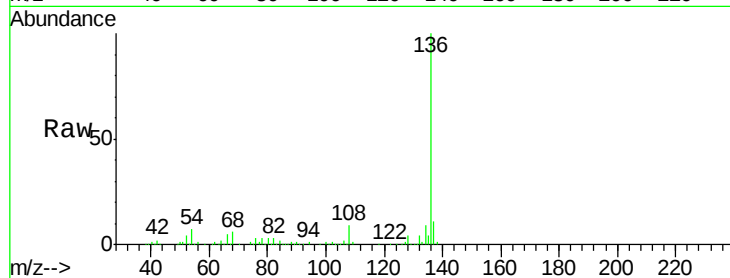
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.9 6.6 10.0

68 5.9 5.1 7.7

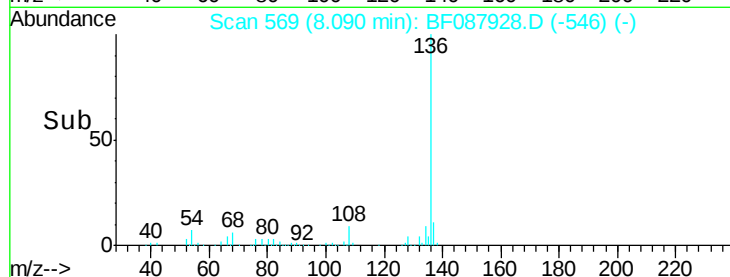


Abundance Ion 136.00 (135.70 to 136.70): E

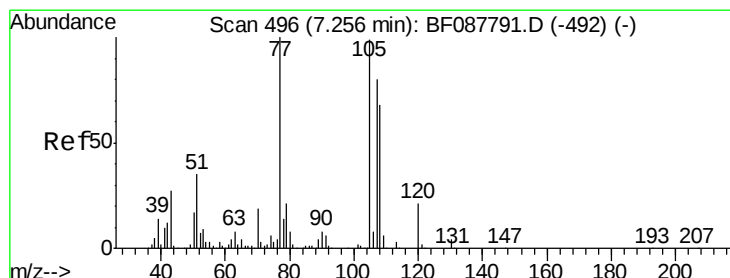
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 41.41 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Tgt Ion:105 Resp: 397115

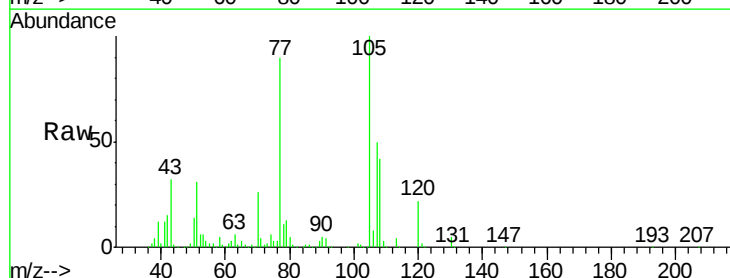
Ion Ratio Lower Upper

105 100

71 4.4 5.3 7.9#

51 30.8 18.2 27.4#

120 21.5 18.0 27.0

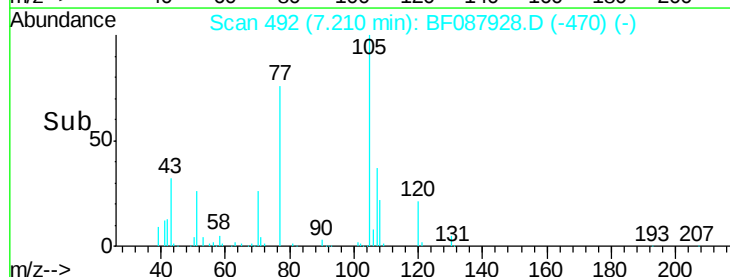


Abundance Ion 105.00 (104.70 to 105.70): E

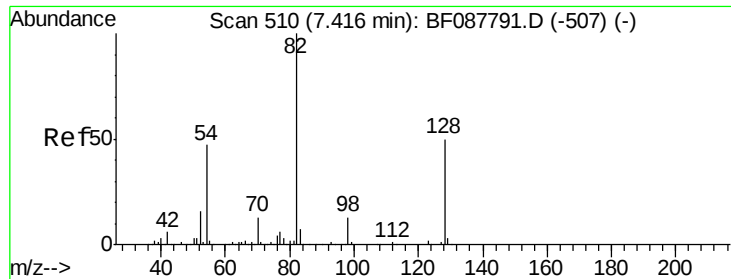
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



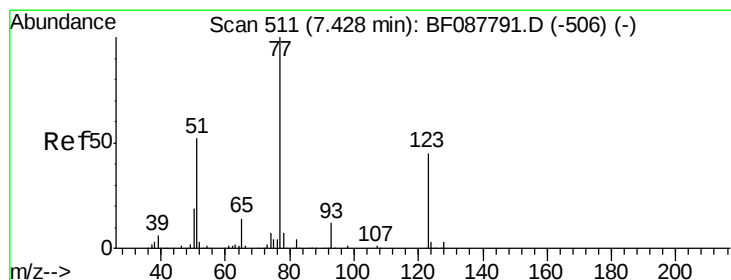
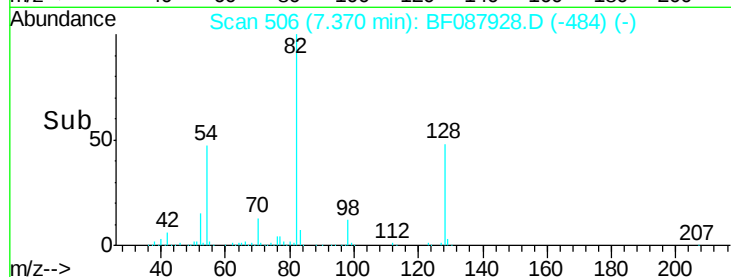
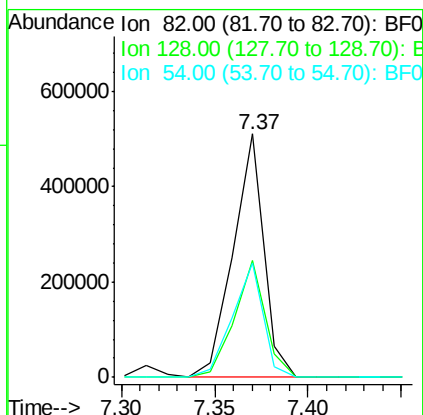
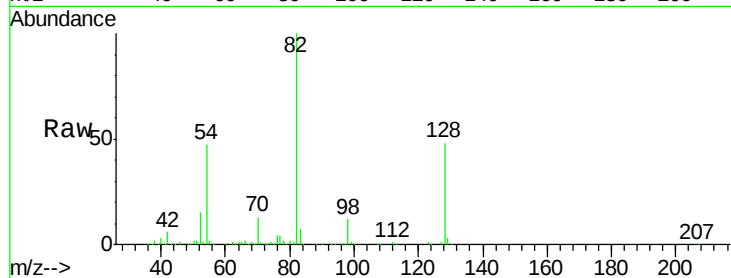
Time-->



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

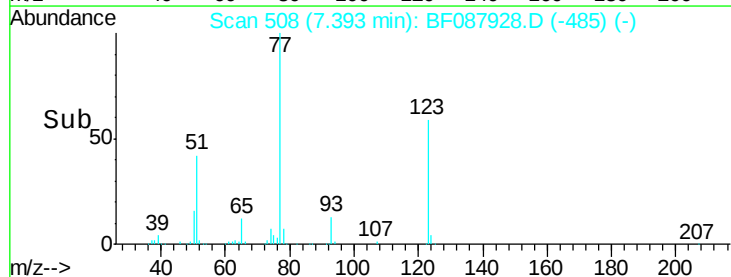
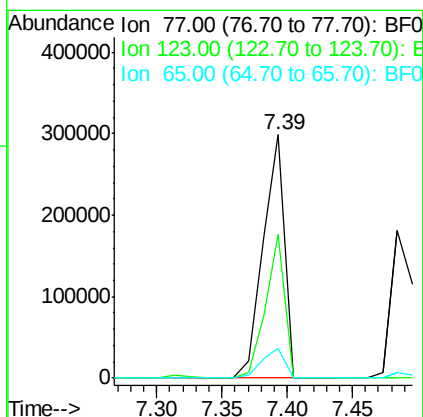
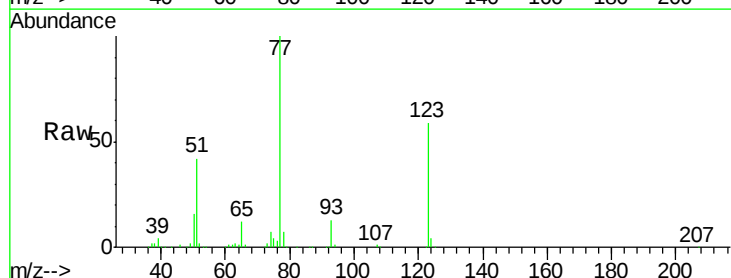
Instrument :
 BNA_F
 ClientSampleId :
 PB91249BS

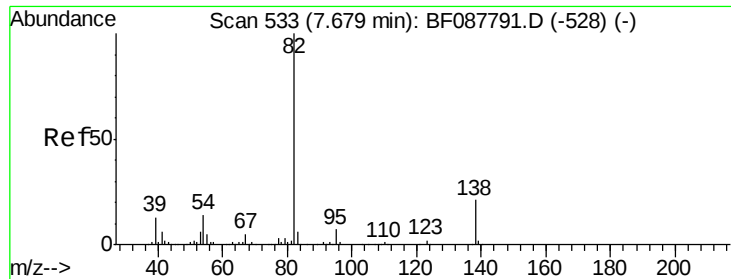
Tot Ion	82	Resp	588020
Ion Ratio	100	Lower	Upper
128	48.0	35.9	53.9
54	47.0	40.9	61.3



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

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





#25

Isophorone

Concen: 44.17 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.05 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

ClientSampleId :

PB91249BS

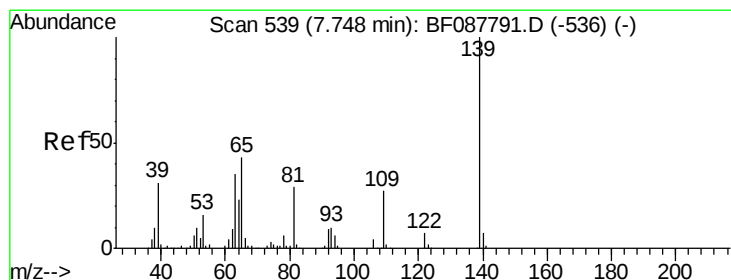
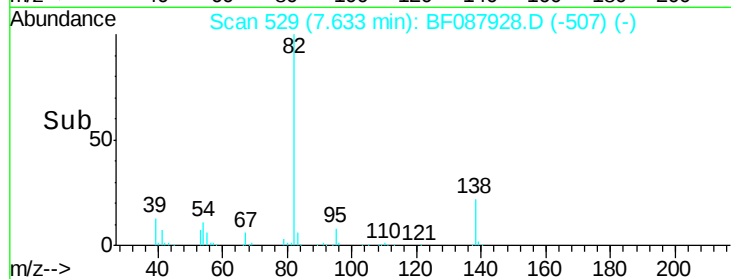
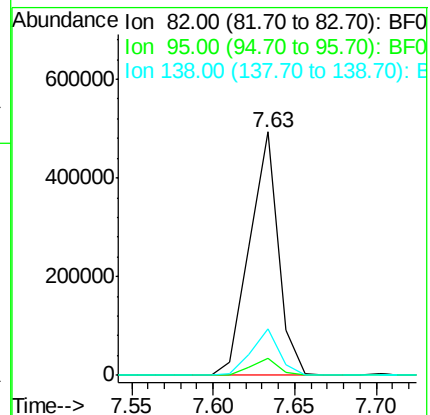
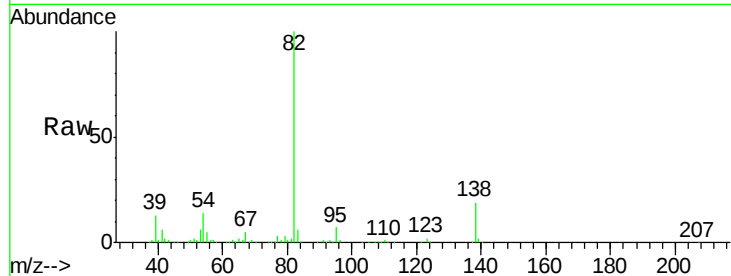
Tot Ion: 82 Resp: 601175

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 19.2 14.6 21.8



#26

2-Nitrophenol

Concen: 43.69 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.05 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

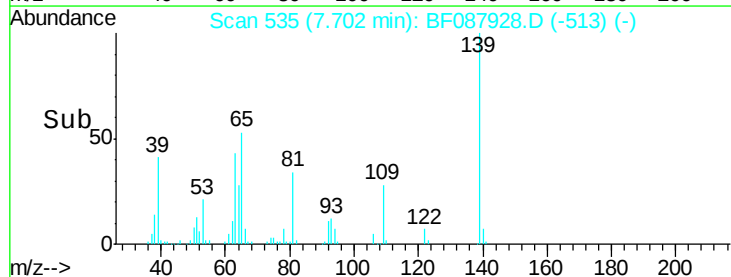
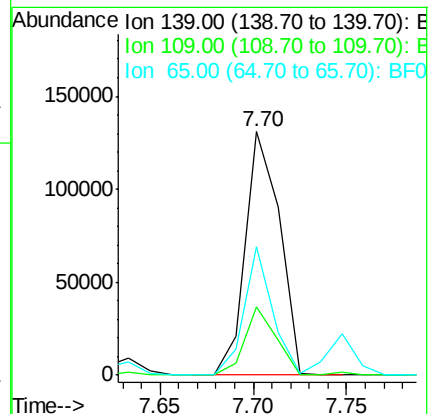
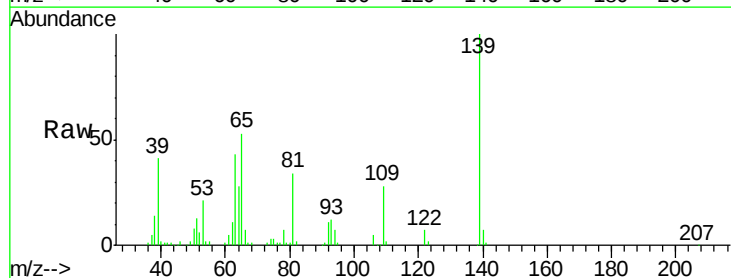
Tgt Ion: 139 Resp: 166589

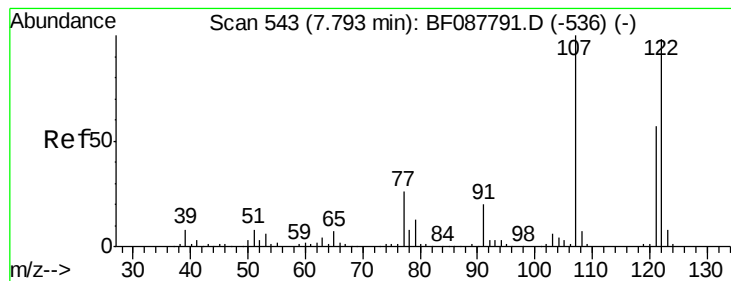
Ion Ratio Lower Upper

139 100

109 27.9 23.0 34.4

65 52.9 45.8 68.8





#27

2,4-Dimethylphenol

Concen: 43.02 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.05 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

ClientSampleId :

PB91249BS

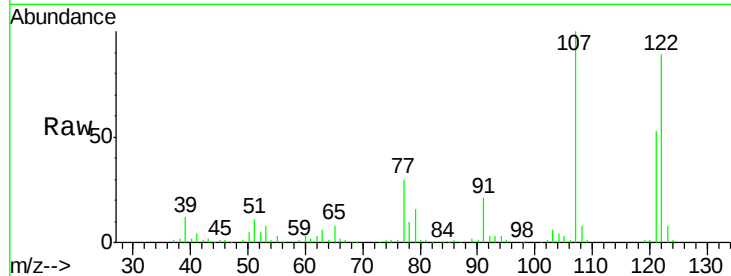
Tot Ion:122 Resp: 302029

Ion Ratio Lower Upper

122 100

107 111.9 82.4 123.6

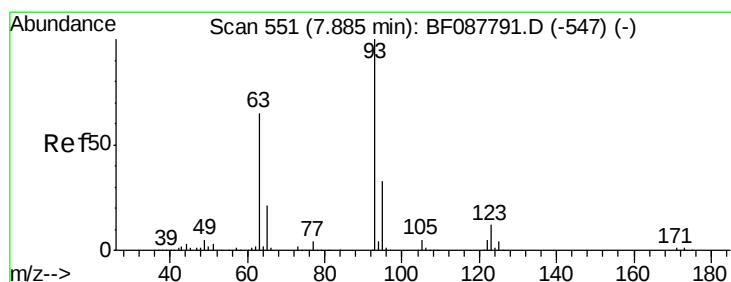
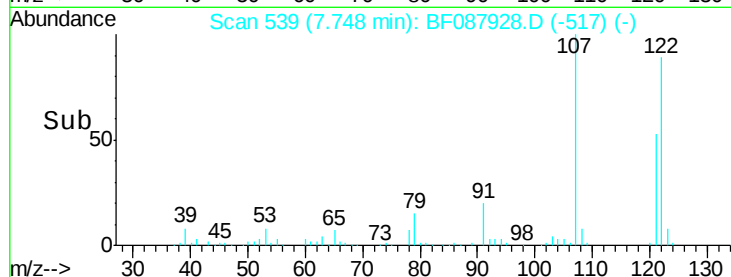
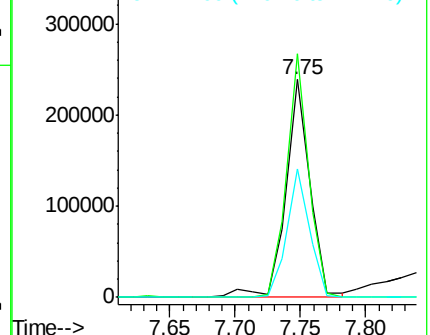
121 58.9 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.59 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

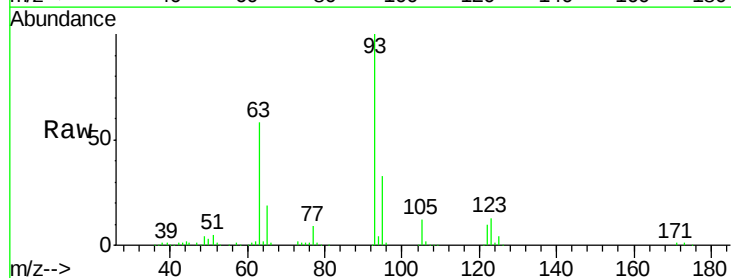
Tgt Ion: 93 Resp: 401746

Ion Ratio Lower Upper

93 100

95 33.3 26.5 39.7

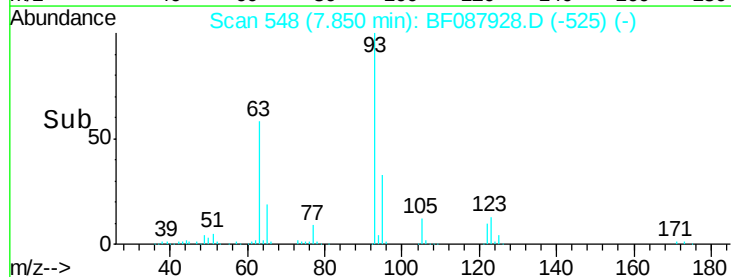
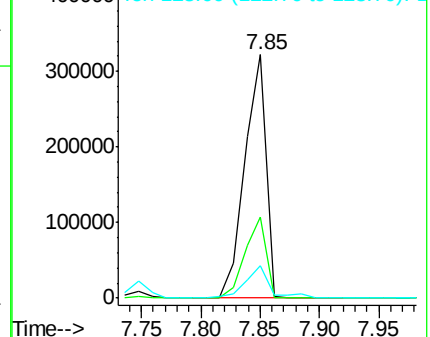
123 13.1 11.6 17.4

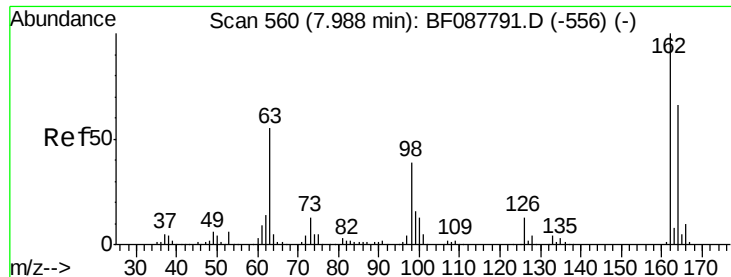


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

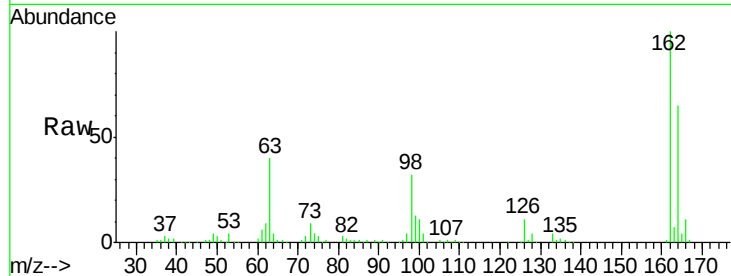




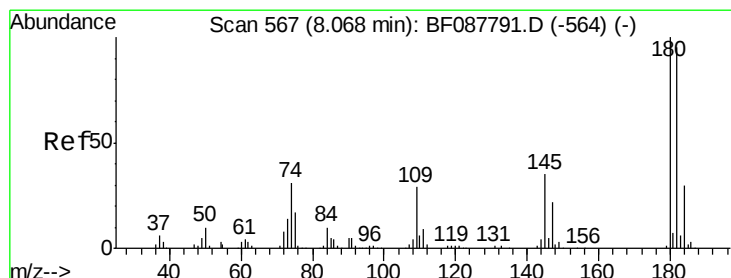
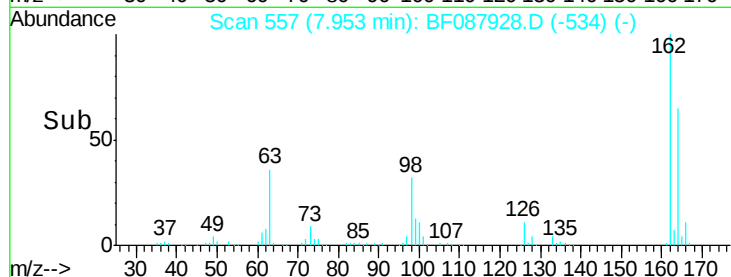
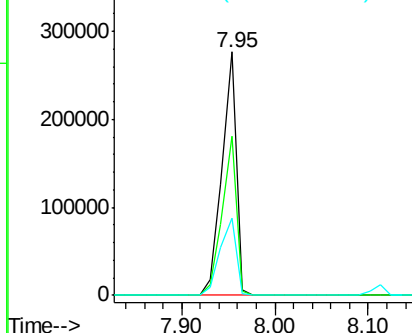
#29
 2,4-Dichlorophenol
 Concen: 50.28 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Instrument :
 BNA_F
 ClientSampleId :
 PB91249BS

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

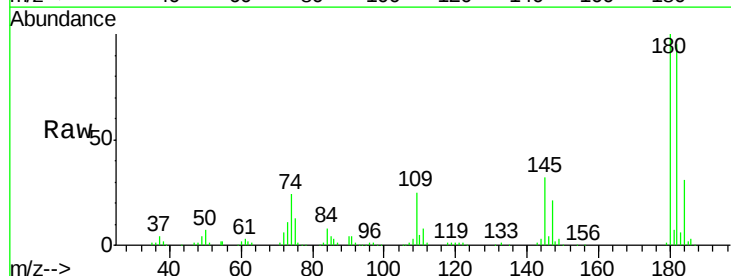


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

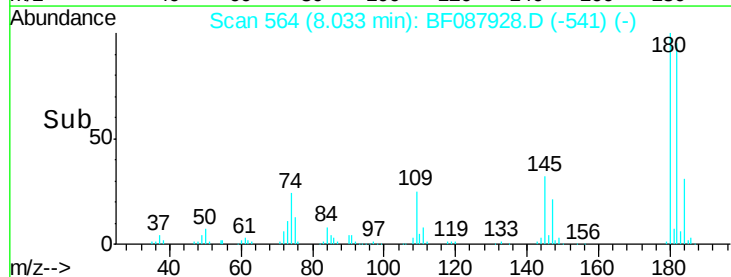
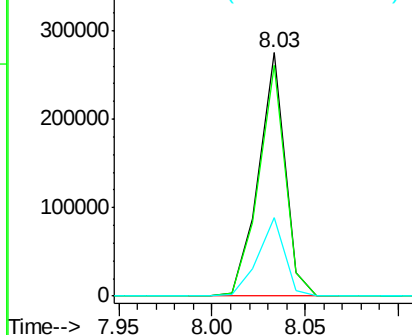


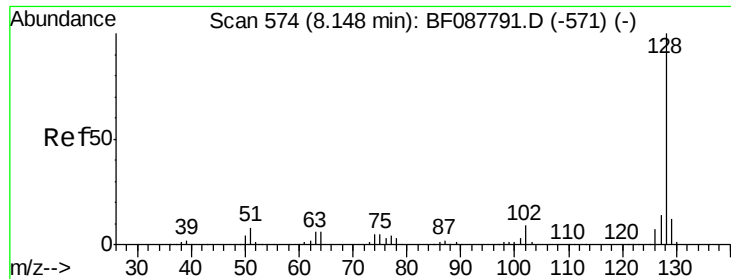
#30
 1,2,4-Trichlorobenzene
 Concen: 42.21 ng
 RT: 8.03 min Scan# 564
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

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



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

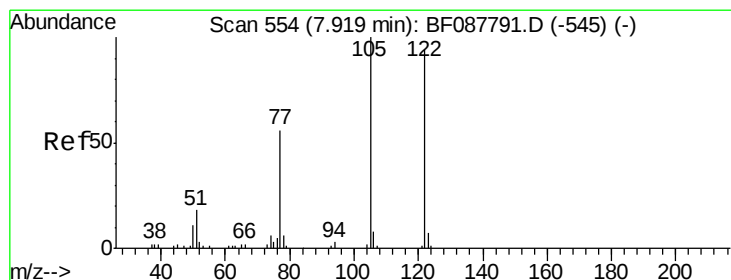
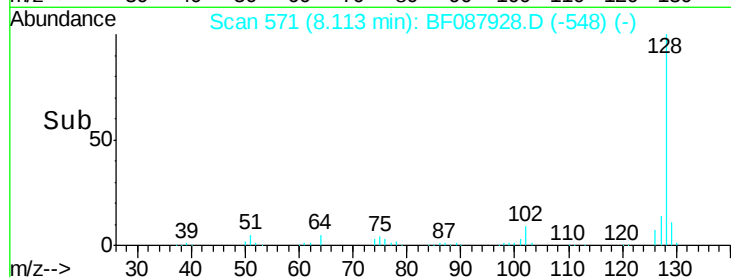
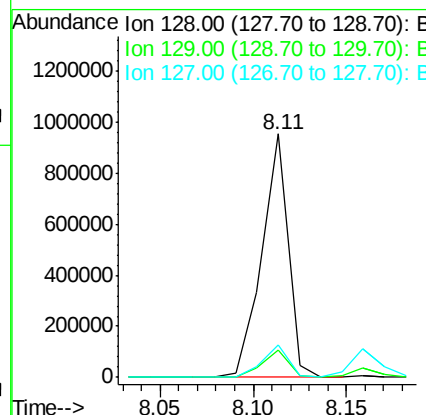
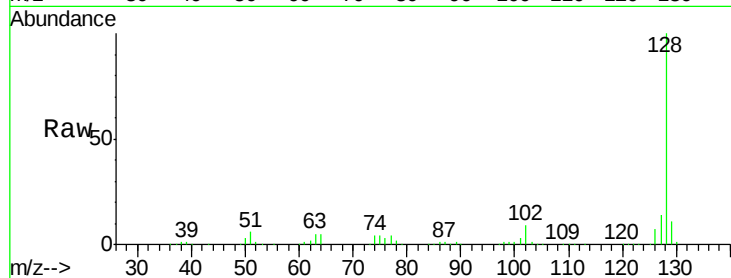




#31
Naphthalene
Concen: 43.68 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

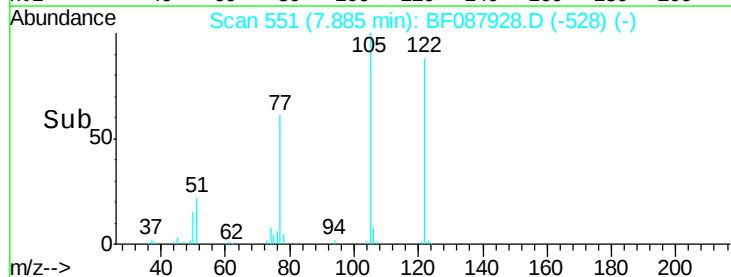
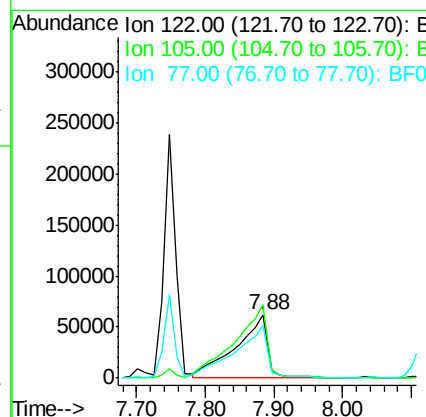
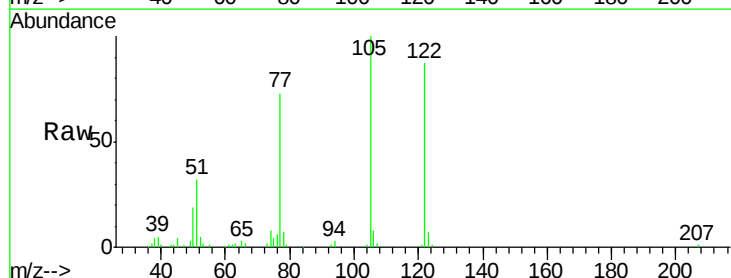
Instrument :
BNA_F
ClientSampleId :
PB91249BS

Tot Ion:128 Resp: 927594
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.5 10.9 16.3



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

Tgt Ion:122 Resp: 198082
Ion Ratio Lower Upper
122 100
105 115.0 101.6 141.6
77 83.5 70.6 110.6

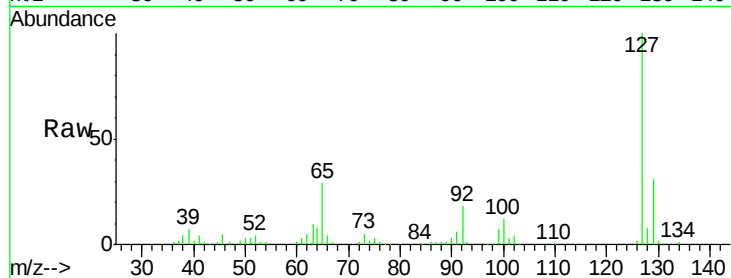




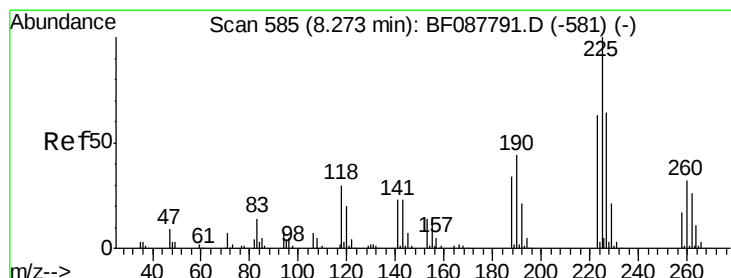
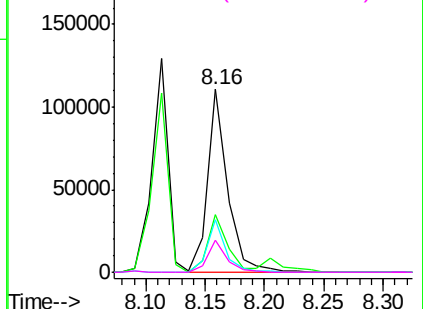
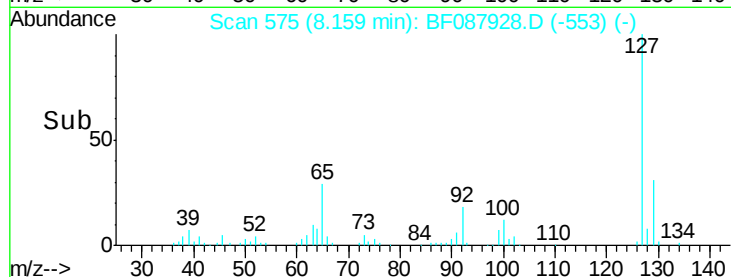
#33
4-Chloroaniline
Concen: 13.71 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.05 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Instrument :
BNA_F
ClientSampleId :
PB91249BS

Tot Ion:	127	Resp:	130034
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.3	39.5
65	28.9	24.7	37.1
92	17.8	15.4	23.0

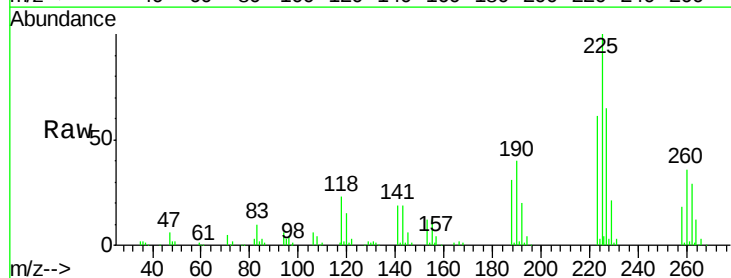


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

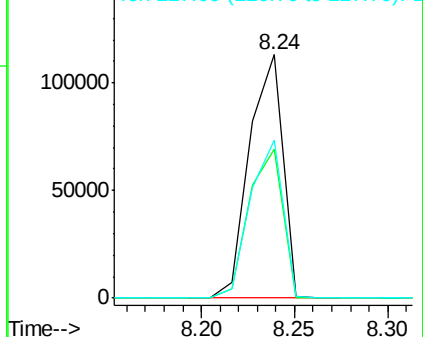
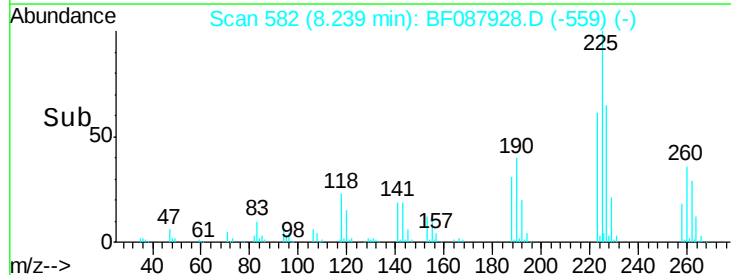


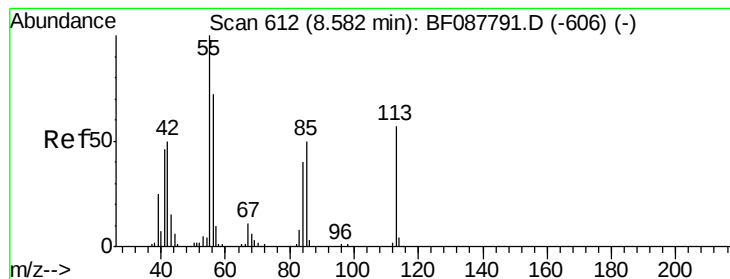
#34
Hexachlorobutadiene
Concen: 41.47 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Tgt Ion:	225	Resp:	139593
Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.9	76.3
227	65.0	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: 30.87 ng

RT: 8.54 min Scan# 608

Delta R.T. -0.05 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

ClientSampleId :

PB91249BS

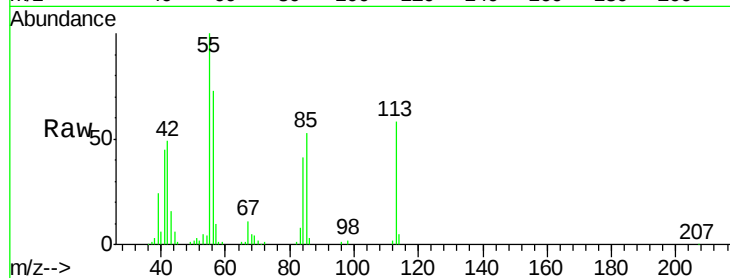
Tot Ion:113 Resp: 59935

Ion Ratio Lower Upper

113 100

55 171.0 158.6 198.6

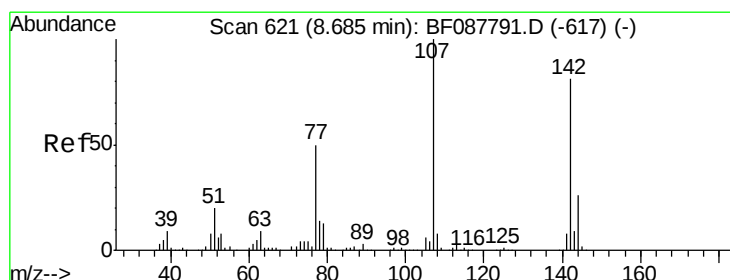
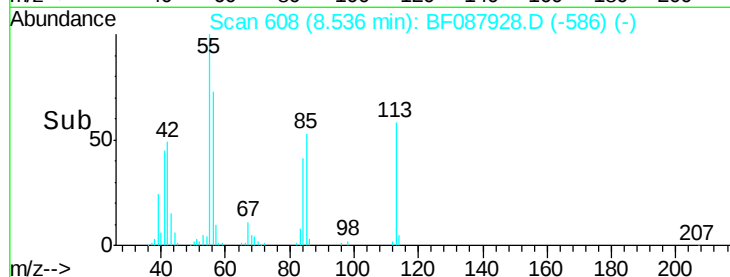
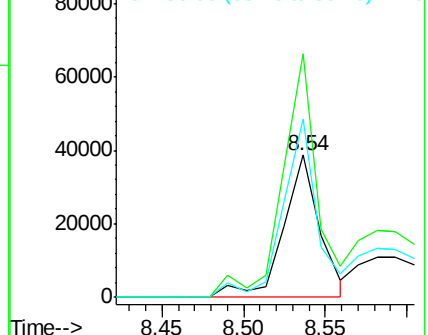
56 125.4 110.6 150.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.05 ng

RT: 8.65 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

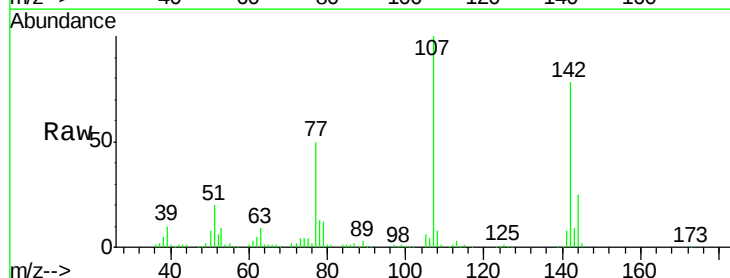
Tgt Ion:107 Resp: 294916

Ion Ratio Lower Upper

107 100

144 25.3 20.8 31.2

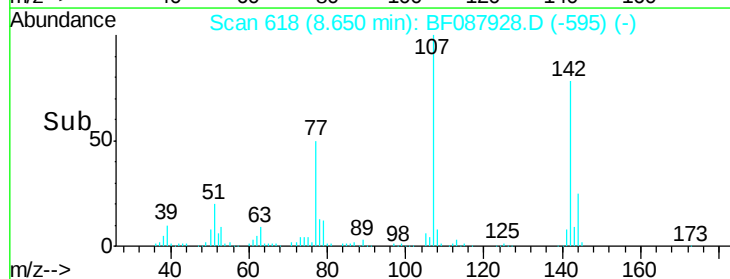
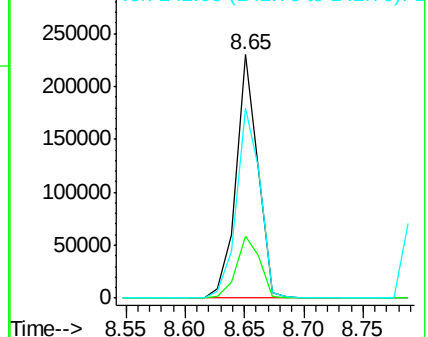
142 78.2 63.4 95.2

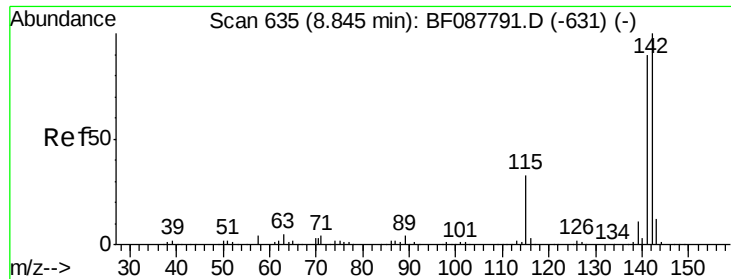


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

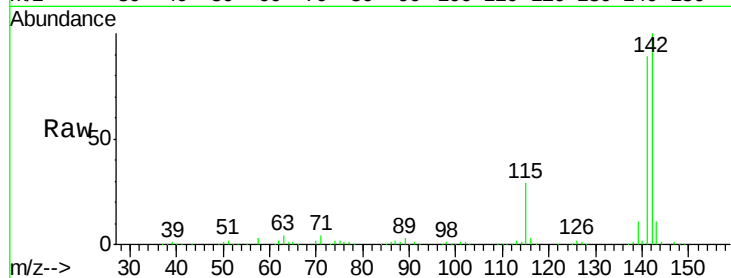




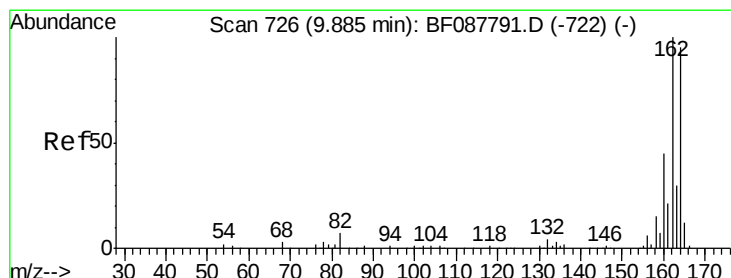
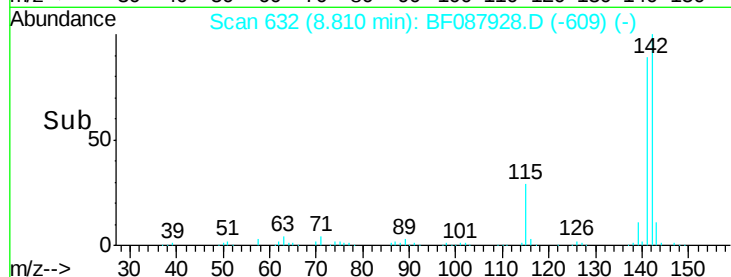
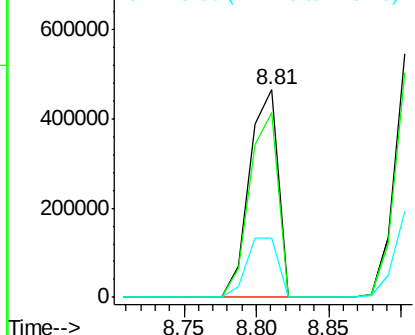
#37
2-Methylnaphthalene
Concen: 45.40 ng
RT: 8.81 min Scan# 632
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Instrument :
BNA_F
ClientSampleId :
PB91249BS

Tot Ion:142 Resp: 635446
Ion Ratio Lower Upper
142 100
141 88.9 71.0 106.6
115 28.9 22.6 33.8

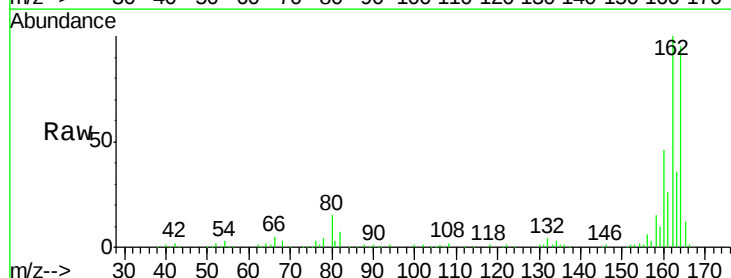


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

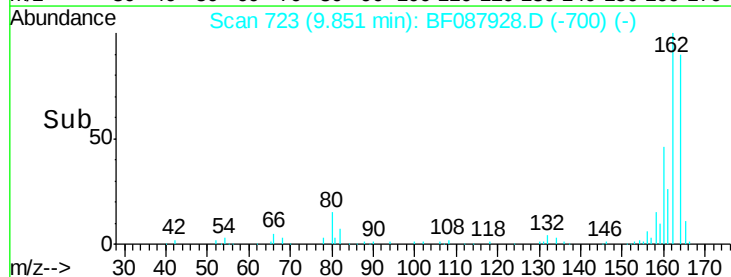
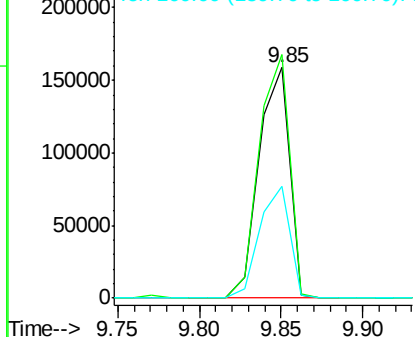


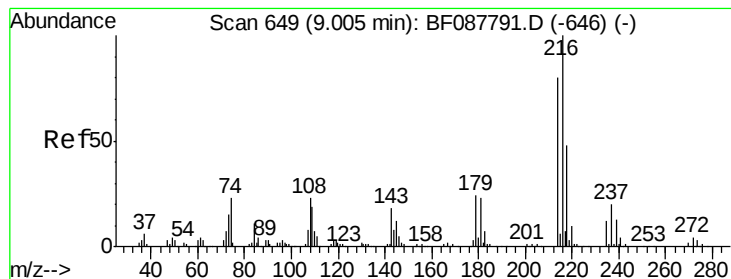
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Tgt Ion:164 Resp: 207074
Ion Ratio Lower Upper
164 100
162 105.7 85.4 128.2
160 48.4 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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.00 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

ClientSampleId :

PB91249BS

Tot Ion:216 Resp: 238922

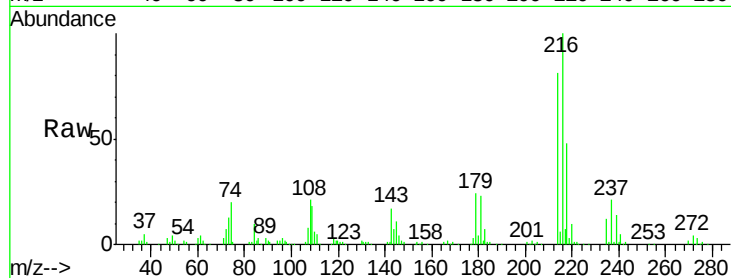
Ion Ratio Lower Upper

216 100

214 80.1 2.9 4.3#

179 22.9 0.0 0.0#

108 23.5 0.5 0.7#

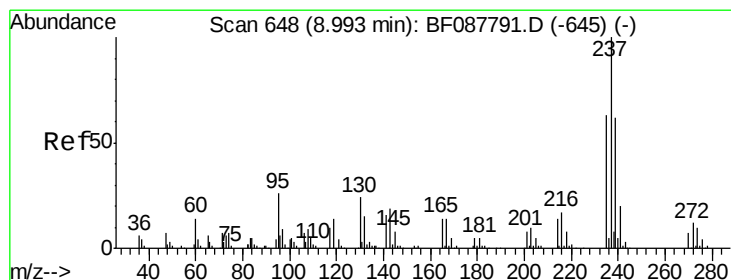
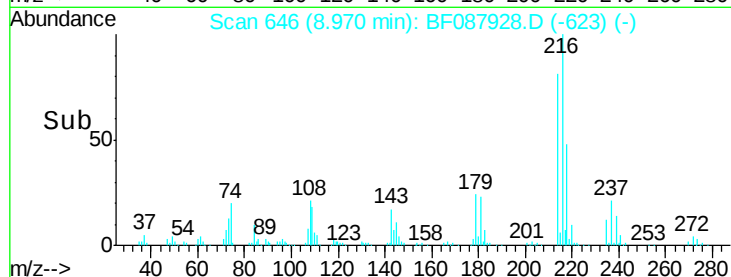
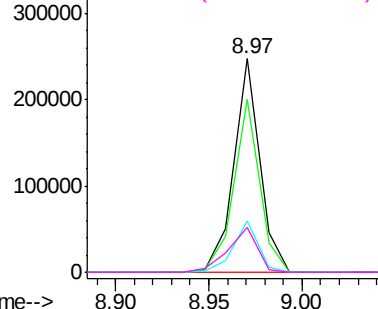


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.27 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

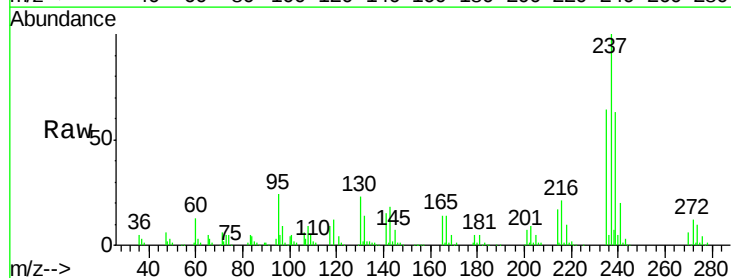
Tgt Ion:237 Resp: 251419

Ion Ratio Lower Upper

237 100

235 64.1 43.4 83.4

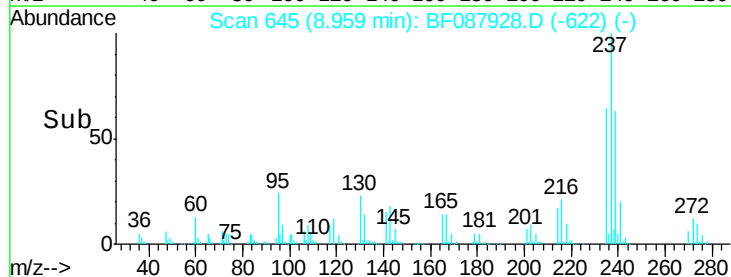
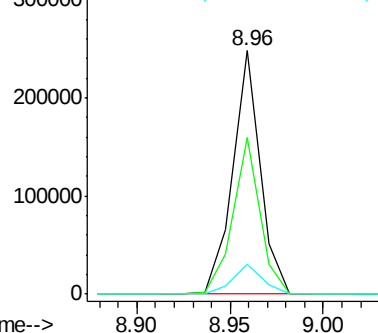
272 12.5 0.0 32.3

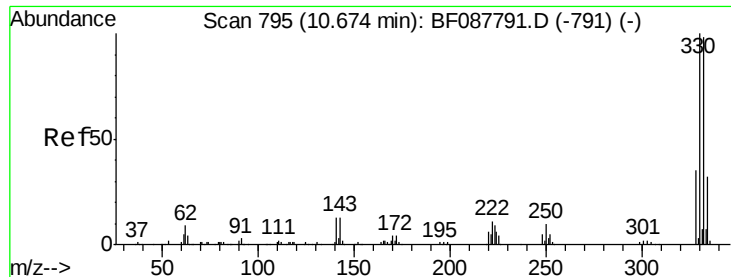


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

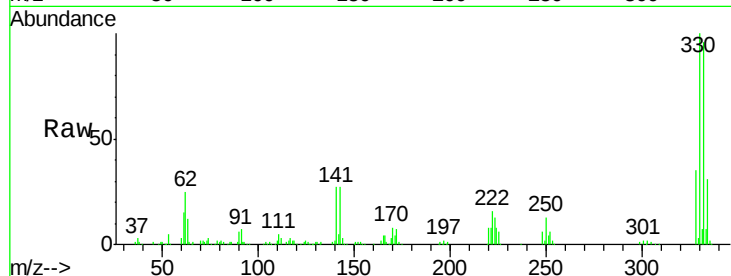




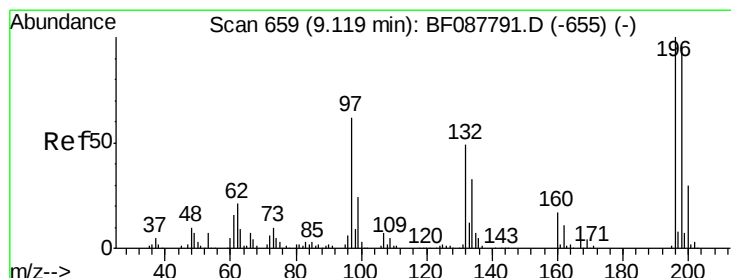
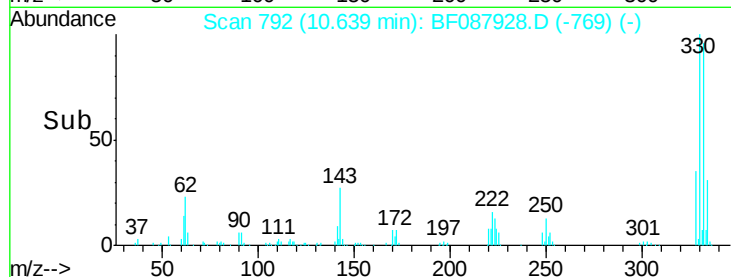
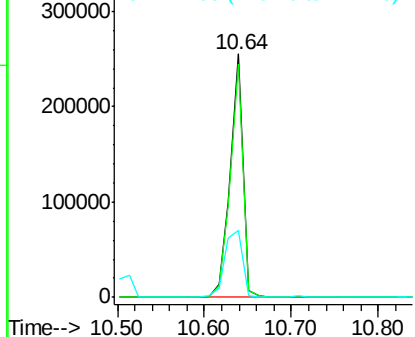
#41
 2,4,6-Tribromophenol
 Concen: 120.21 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Instrument :
 BNA_F
 ClientSampleId :
 PB91249BS

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

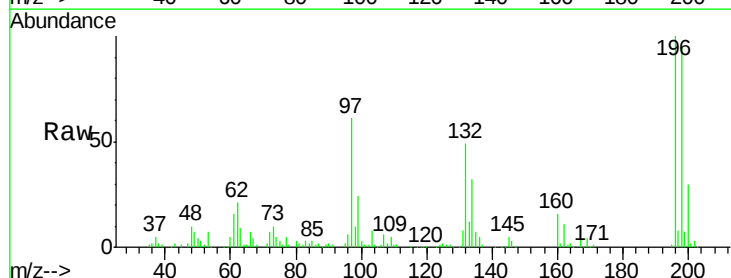


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

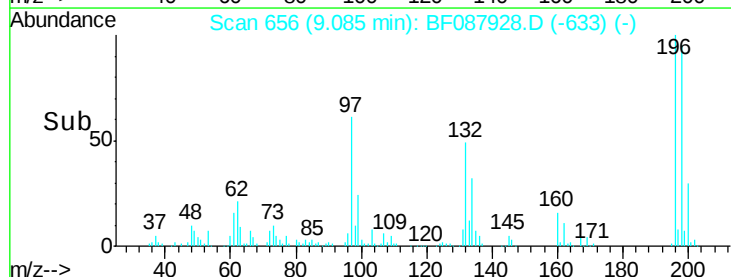
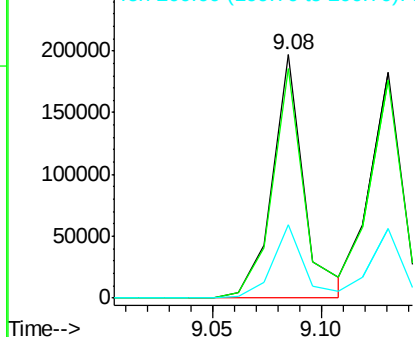


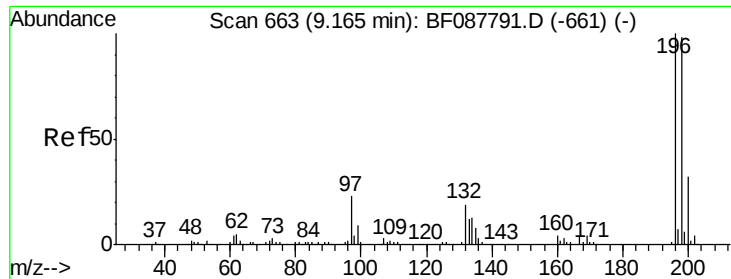
#42
 2,4,6-Trichlorophenol
 Concen: 48.18 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

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



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

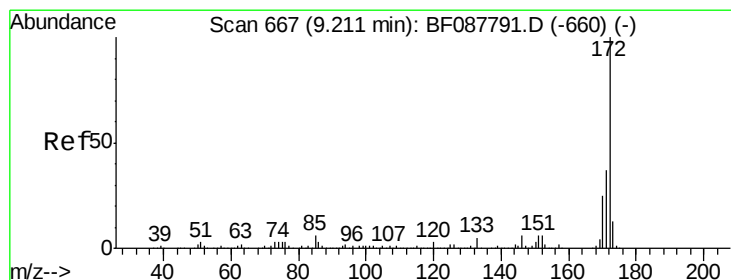
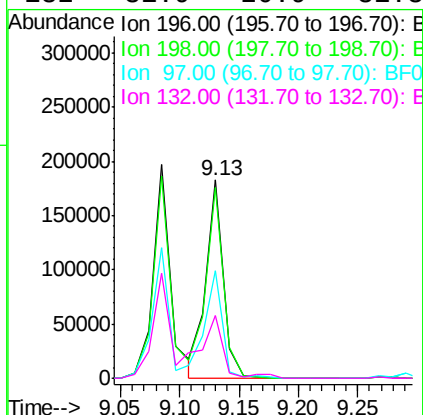
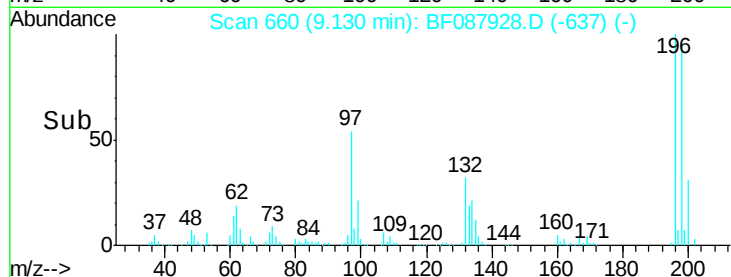
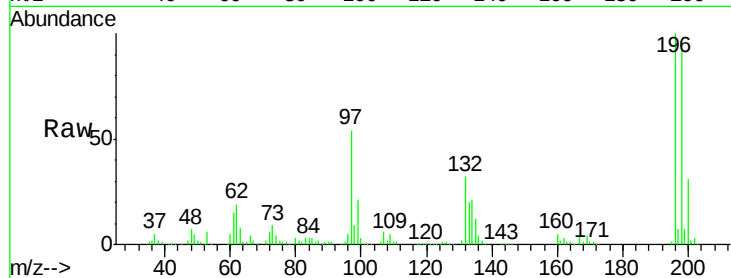




#43
2,4,5-Trichlorophenol
Concen: 43.81 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

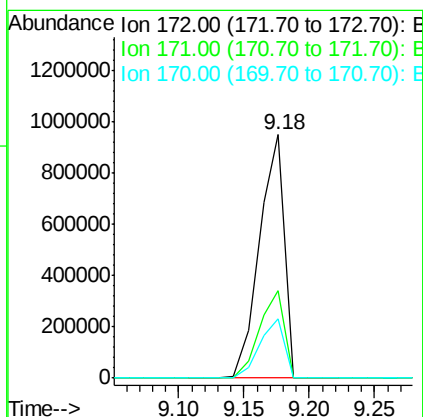
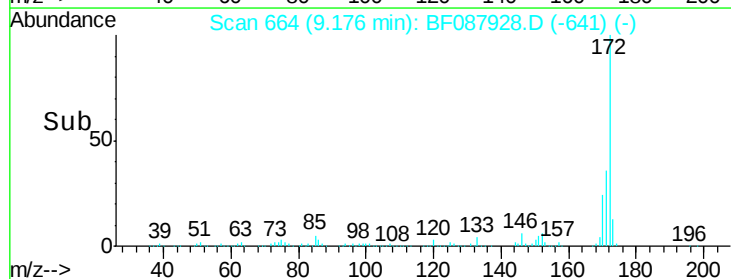
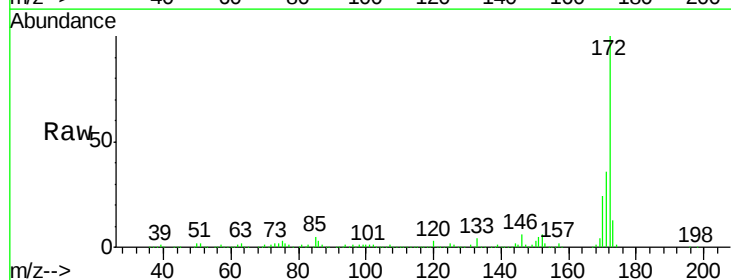
Instrument :
BNA_F
ClientSampleId :
PB91249BS

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



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

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





#45

1,1'-Biphenyl

Concen: 44.80 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

ClientSampleId :

PB91249BS

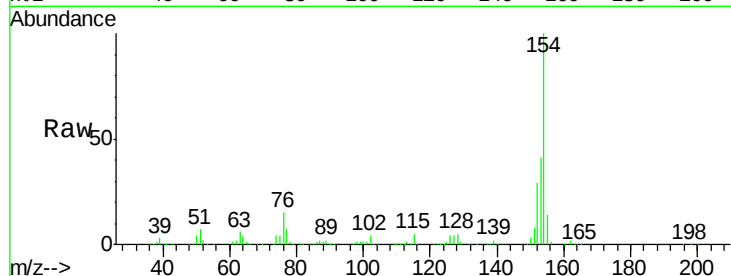
Tot Ion:154 Resp: 696715

Ion Ratio Lower Upper

154 100

153 41.0 20.6 60.6

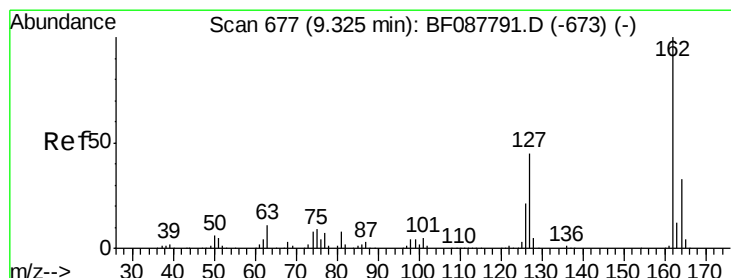
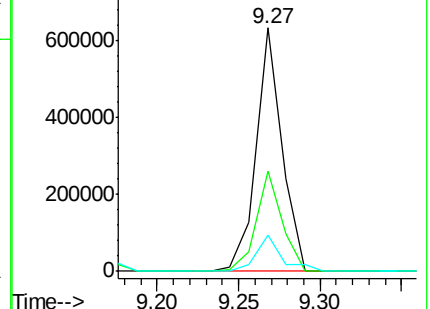
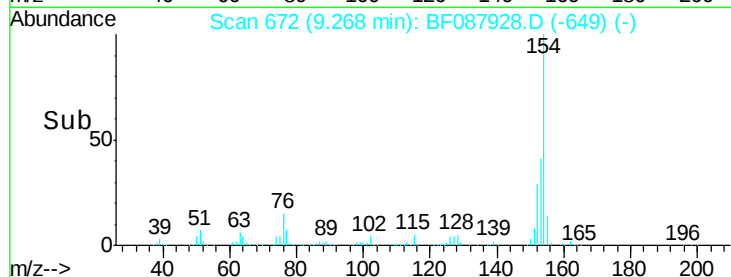
76 14.9 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.15 ng

RT: 9.29 min Scan# 674

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

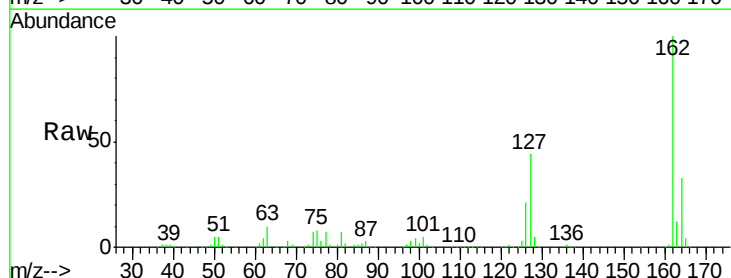
Tgt Ion:162 Resp: 564764

Ion Ratio Lower Upper

162 100

127 43.6 35.2 52.8

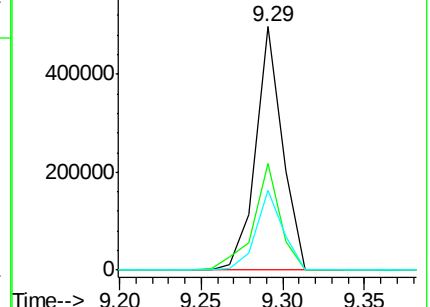
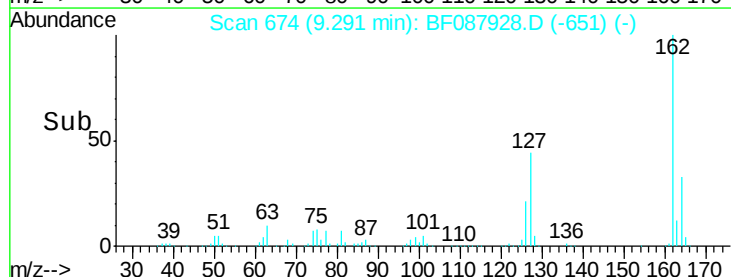
164 32.7 26.6 39.8

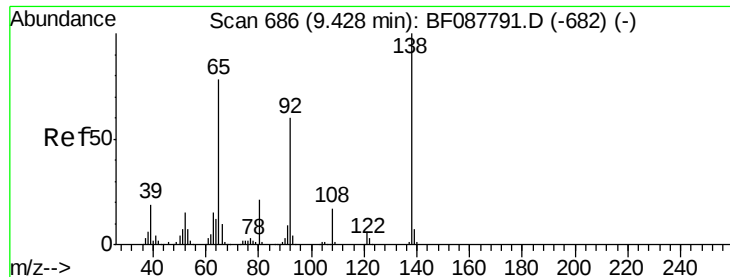


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

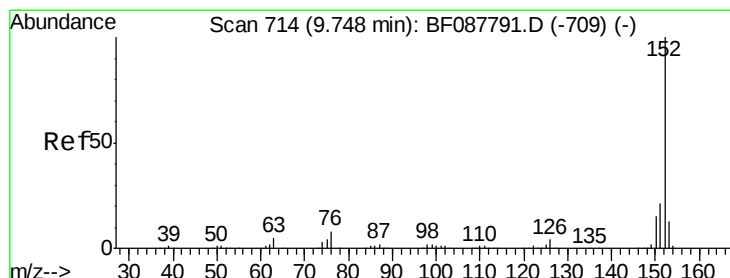
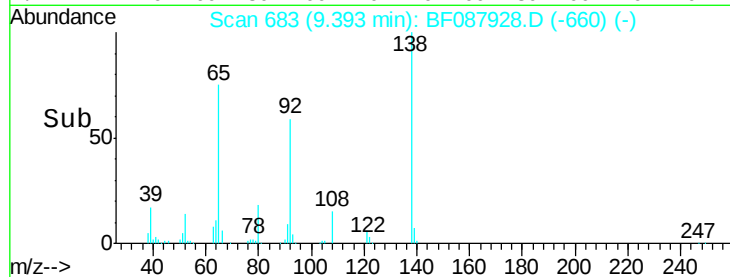
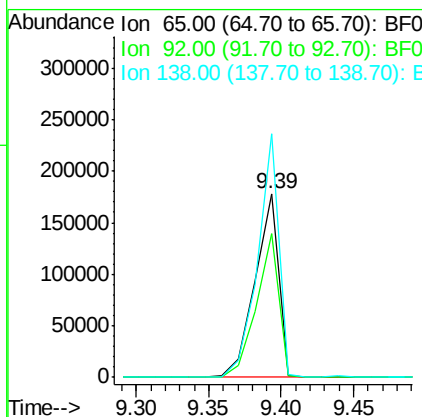
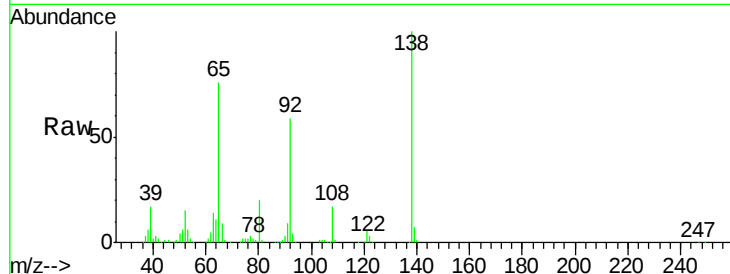




#47
 2-Nitroaniline
 Concen: 50.80 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

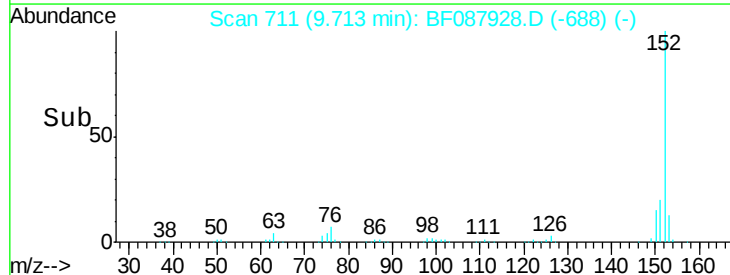
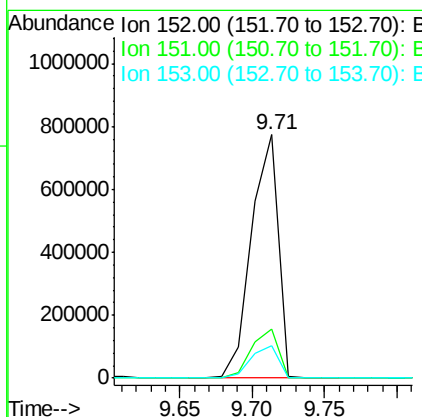
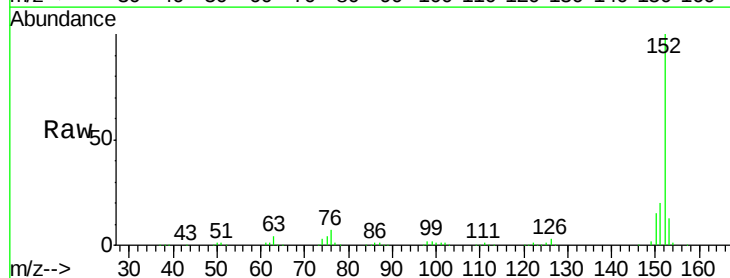
Instrument :
 BNA_F
 ClientSampleId :
 PB91249BS

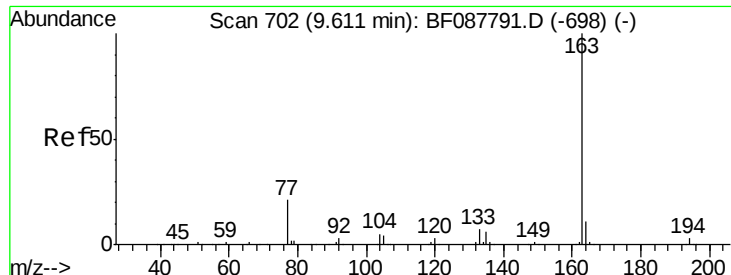
Tot Ion: 65 Resp: 200798
 Ion Ratio Lower Upper
 65 100
 92 78.0 54.6 82.0
 138 132.4 77.0 115.4#



#48
 Acenaphthylene
 Concen: 46.60 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Tgt Ion: 152 Resp: 993197
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.4
 153 13.1 11.0 16.6





#49

Dimethylphthalate

Concen: 43.91 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

ClientSampleId :

PB91249BS

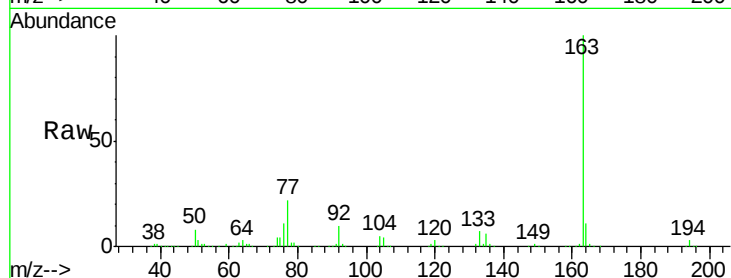
Tot Ion:163 Resp: 658646

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

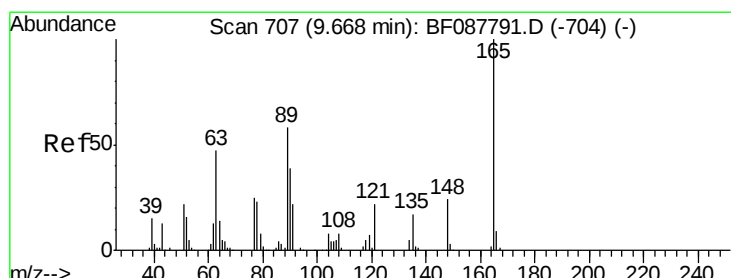
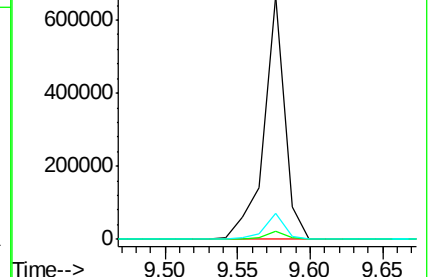
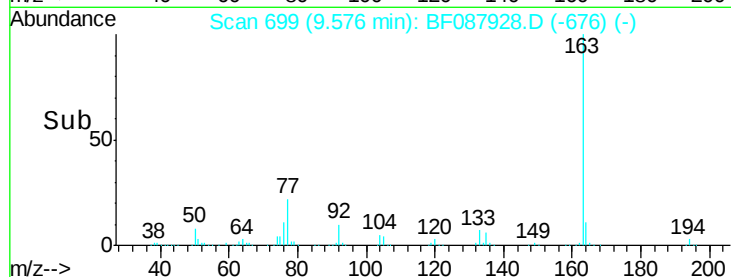
164 10.7 8.3 12.5



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: 44.19 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

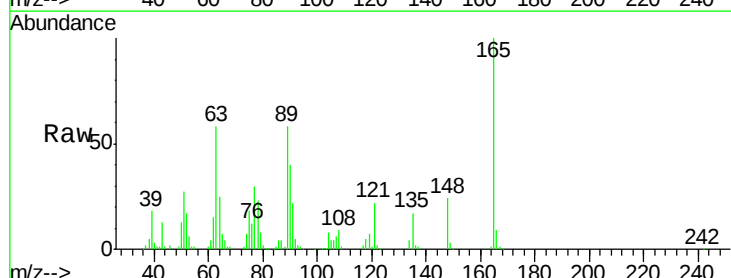
Tgt Ion:165 Resp: 151805

Ion Ratio Lower Upper

165 100

63 57.6 28.1 42.1#

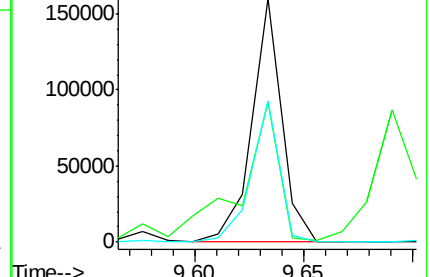
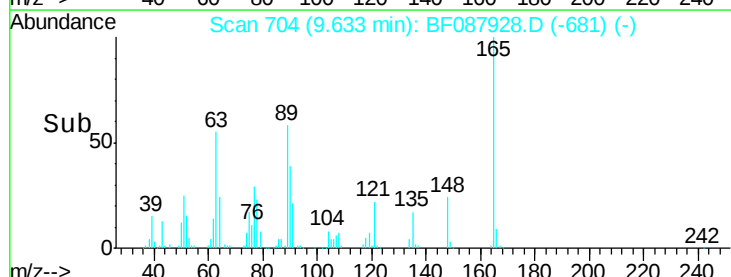
89 57.9 32.2 48.2#

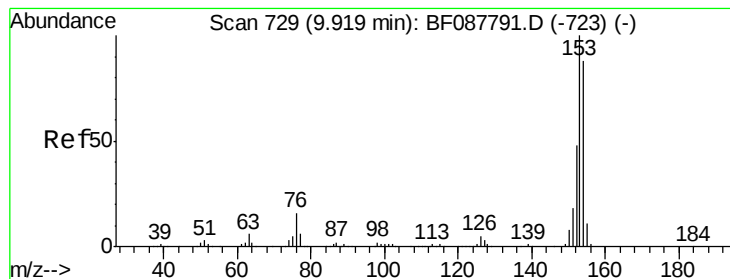


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 49.40 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

ClientSampleId :

PB91249BS

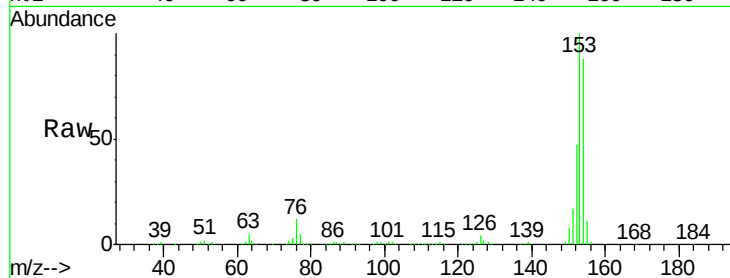
Tot Ion:154 Resp: 656869

Ion Ratio Lower Upper

154 100

153 113.0 89.5 134.3

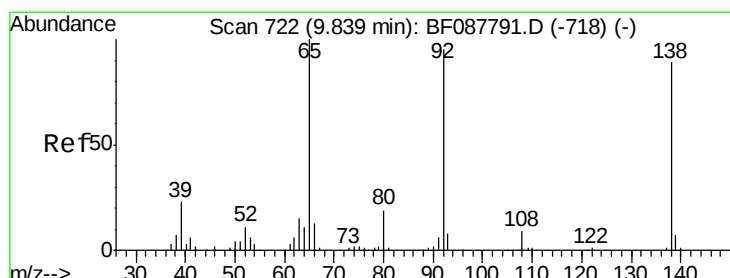
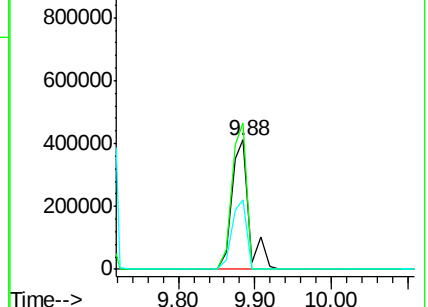
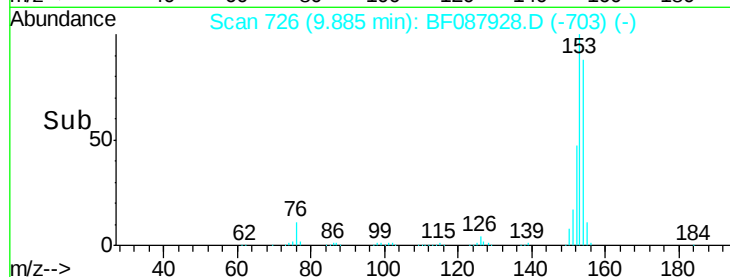
152 53.5 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.05 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.05 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

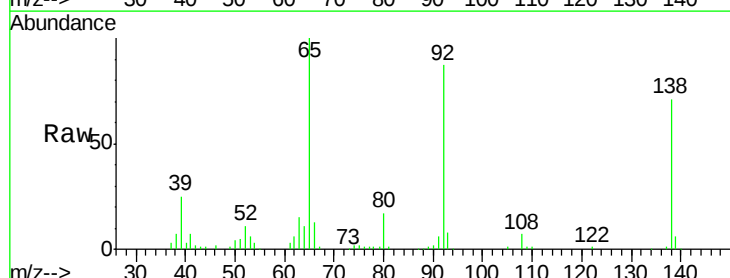
Tgt Ion:138 Resp: 83422

Ion Ratio Lower Upper

138 100

108 10.5 8.5 12.7

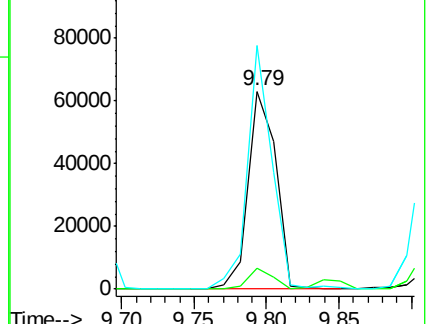
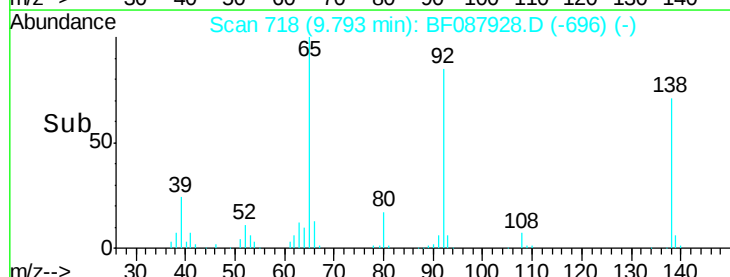
92 122.9 95.7 143.5

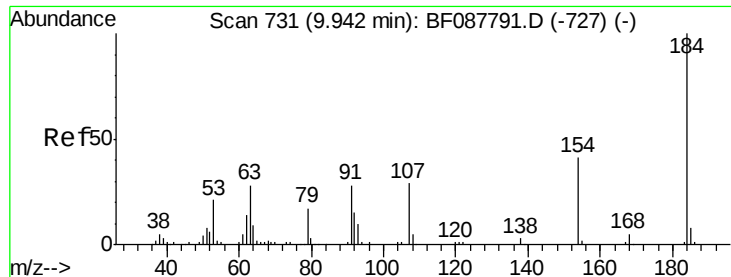


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

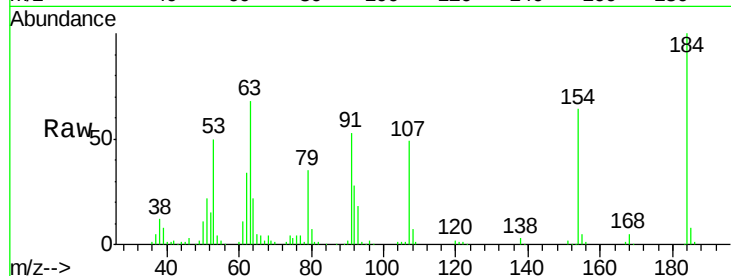




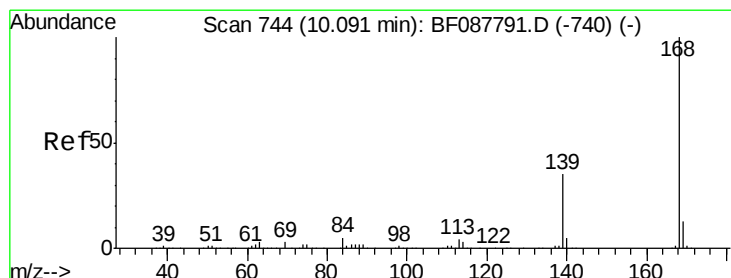
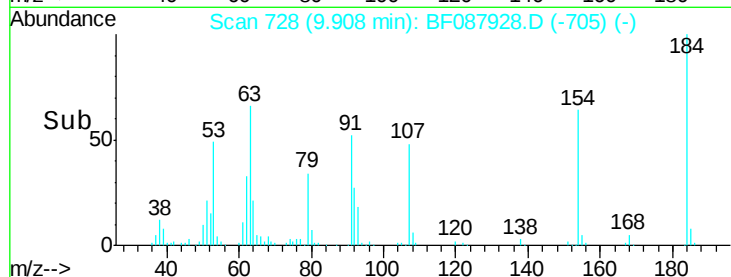
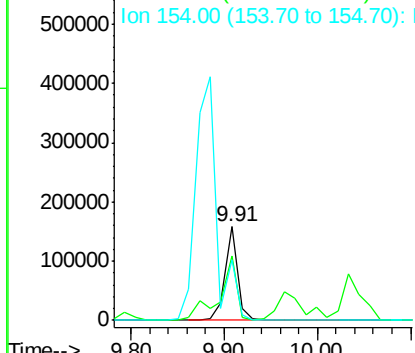
#53
 2,4-Dinitrophenol
 Concen: 79.20 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Instrument :
 BNA_F
 ClientSampleId :
 PB91249BS

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

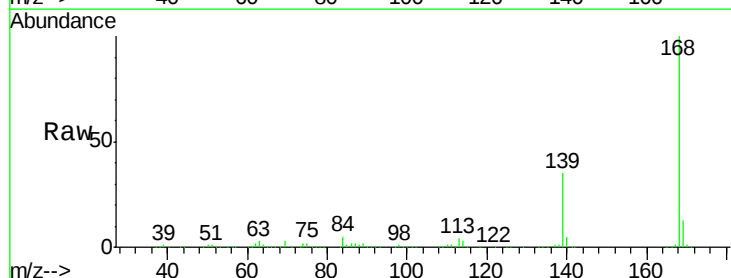


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

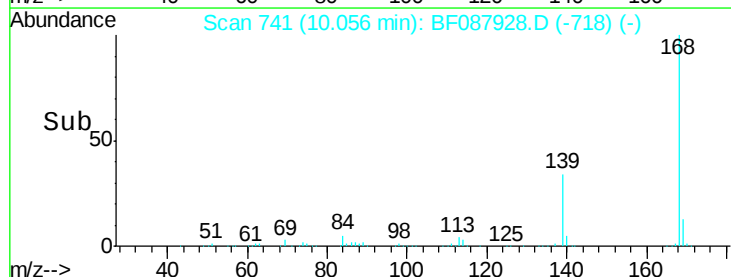
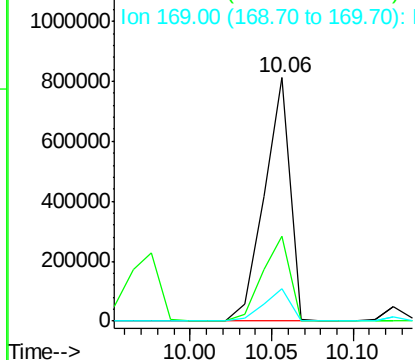


#54
 Dibenzofuran
 Concen: 48.45 ng
 RT: 10.06 min Scan# 741
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

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



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

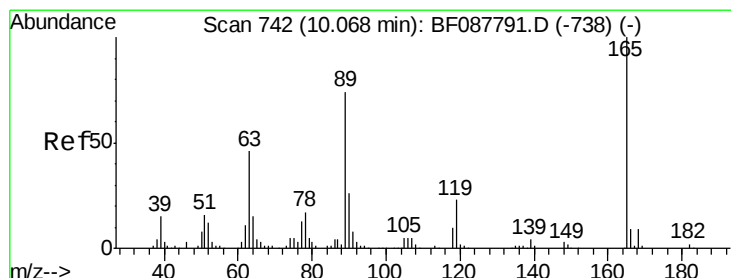
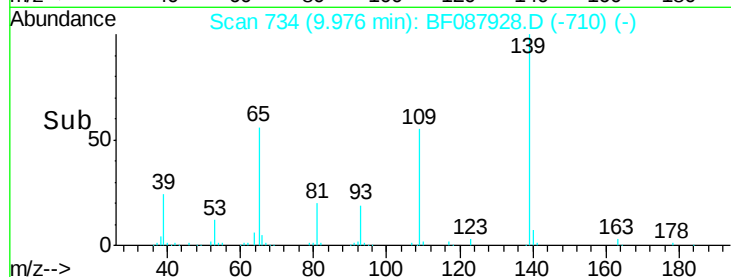
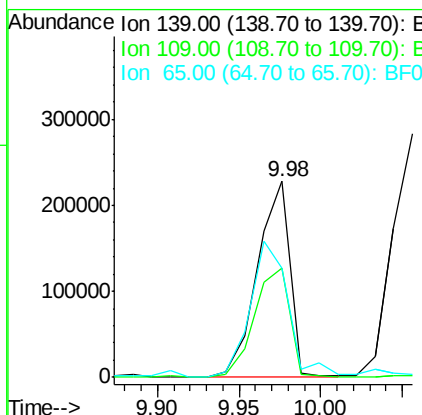
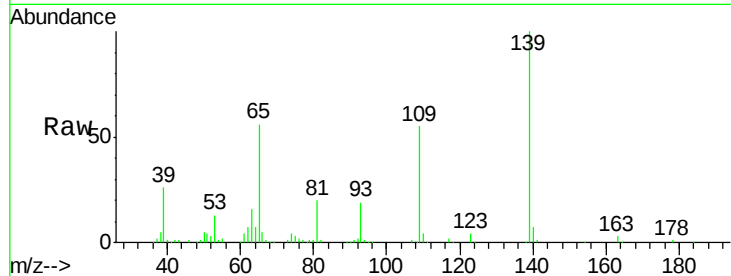




#55
4-Nitrophenol
Concen: 102.92 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

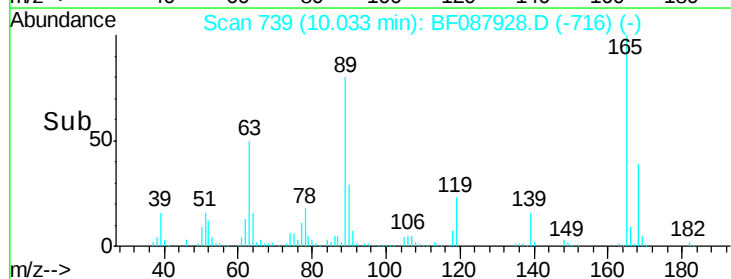
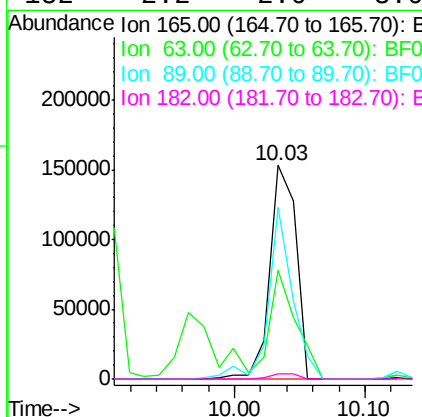
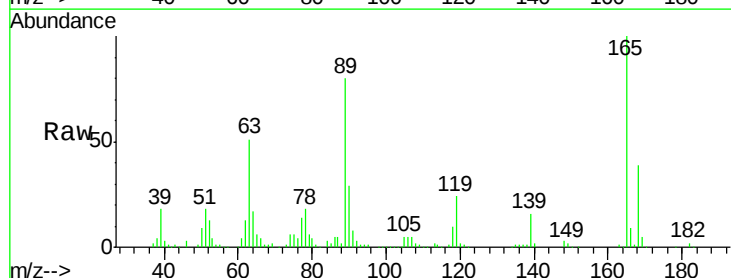
Instrument :
BNA_F
ClientSampleId :
PB91249BS

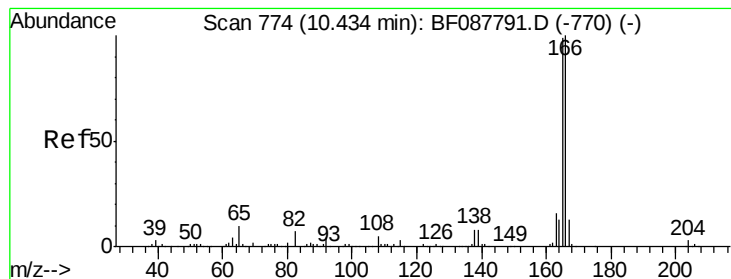
Tot Ion:139 Resp: 316657
Ion Ratio Lower Upper
139 100
109 55.4 48.9 88.9
65 55.7 84.9 124.9#



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

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





#57

Fluorene

Concen: 50.18 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

ClientSampleId :

PB91249BS

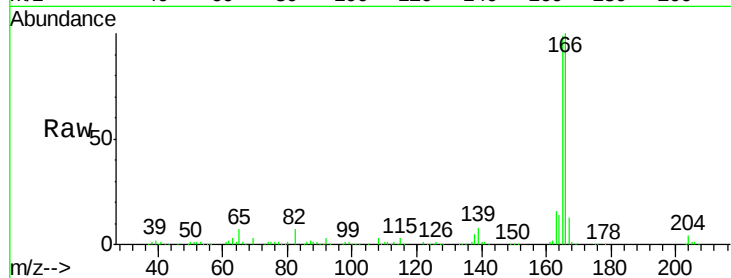
Tot Ion:166 Resp: 614065

Ion Ratio Lower Upper

166 100

165 99.3 77.8 116.8

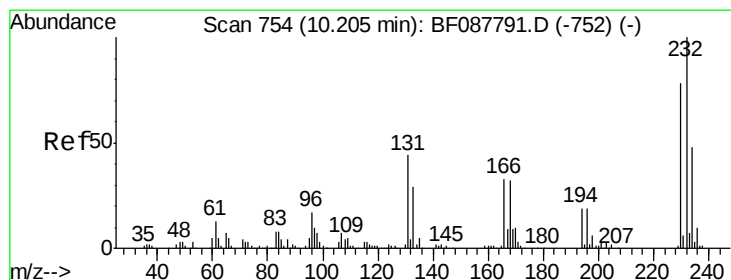
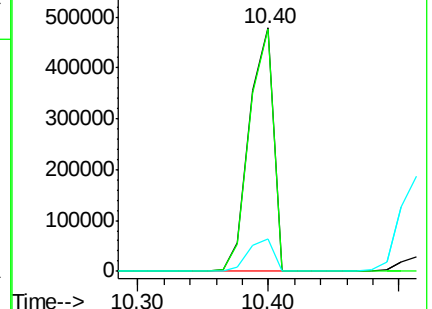
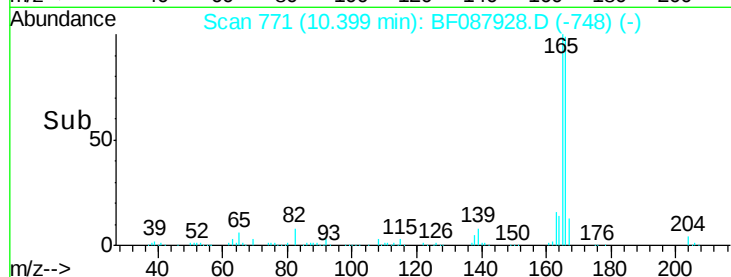
167 13.2 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.81 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Tgt Ion:232 Resp: 165240

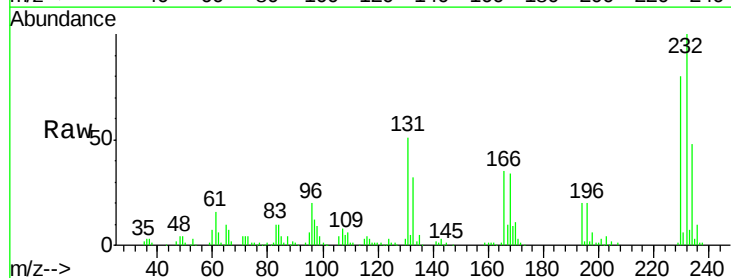
Ion Ratio Lower Upper

232 100

131 52.4 0.9 1.3#

130 2.5 1.5 2.3#

166 34.9 0.5 0.7#

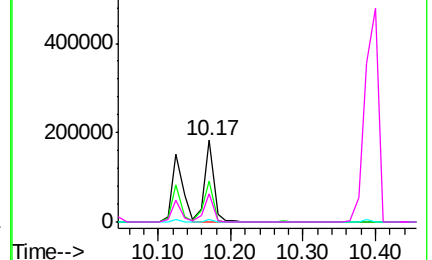
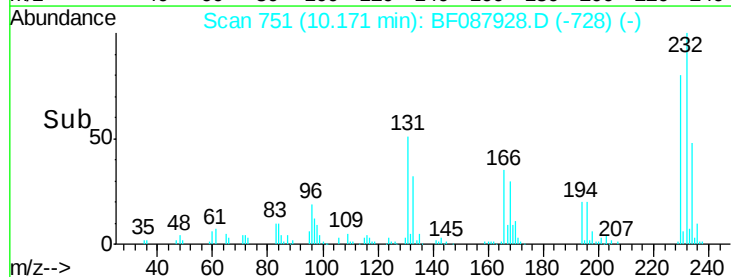


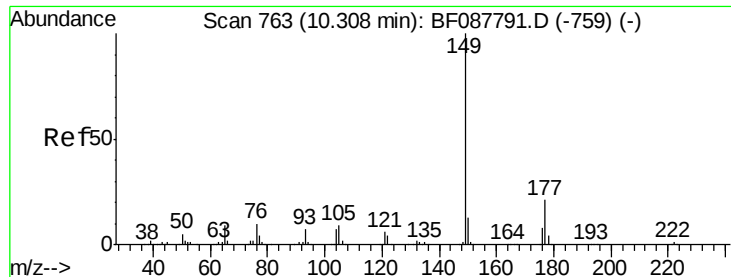
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

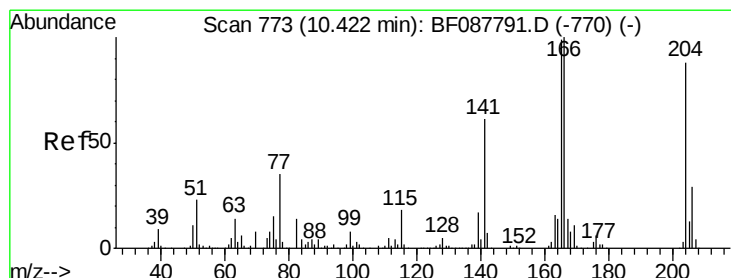
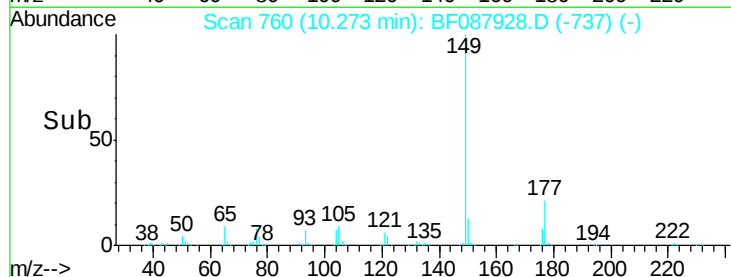
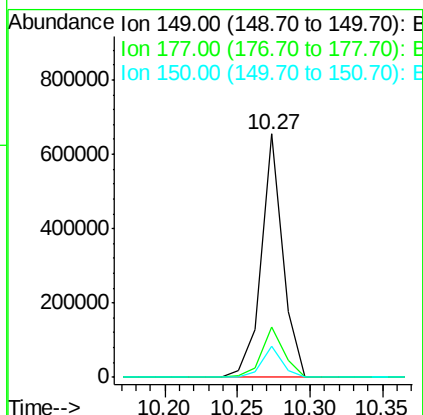
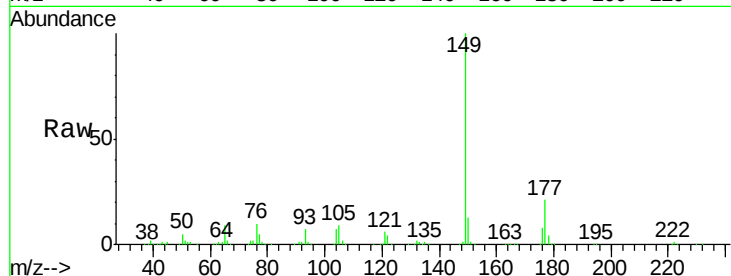




#59
Diethylphthalate
Concen: 44.27 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

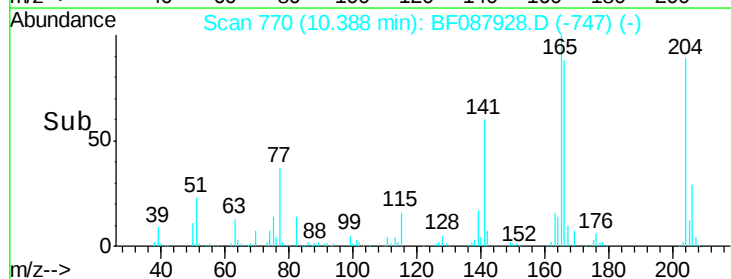
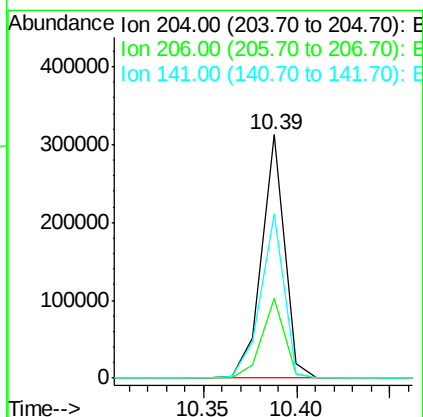
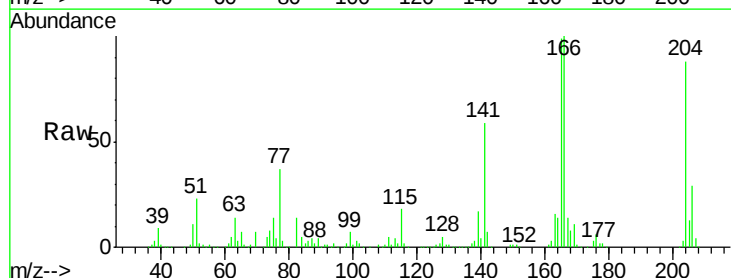
Instrument :
BNA_F
ClientSampleId :
PB91249BS

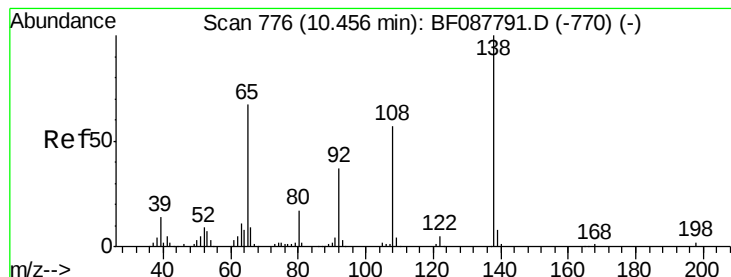
Tot Ion:149 Resp: 672118
Ion Ratio Lower Upper
149 100
177 20.7 16.9 25.3
150 13.0 10.1 15.1



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

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





#61

4-Nitroaniline

Concen: 50.92 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

ClientSampleId :

PB91249BS

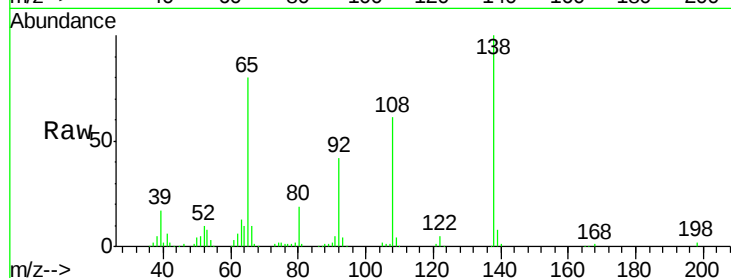
Tot Ion:138 Resp: 191446

Ion Ratio Lower Upper

138 100

92 42.1 27.3 67.3

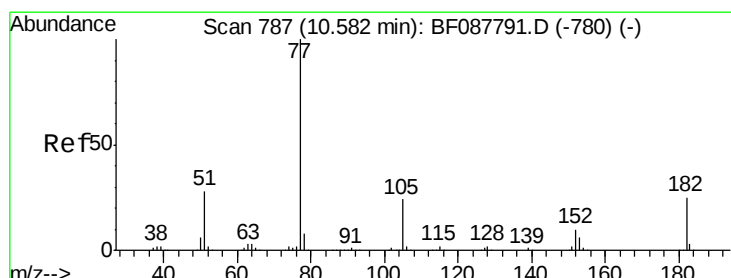
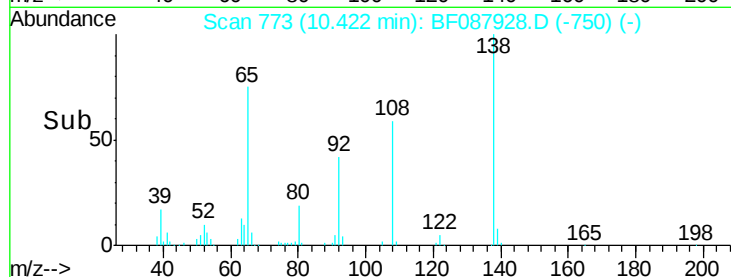
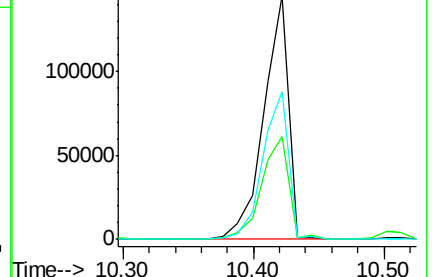
108 60.8 46.7 86.7



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: 48.16 ng

RT: 10.55 min Scan# 784

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Tgt Ion: 77 Resp: 723069

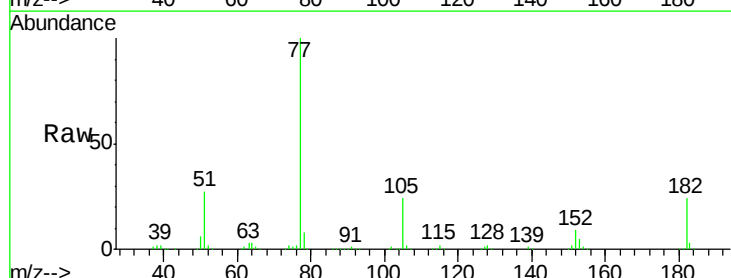
Ion Ratio Lower Upper

77 100

182 24.4 4.4 44.4

105 24.2 3.8 43.8

51 26.5 9.3 49.3

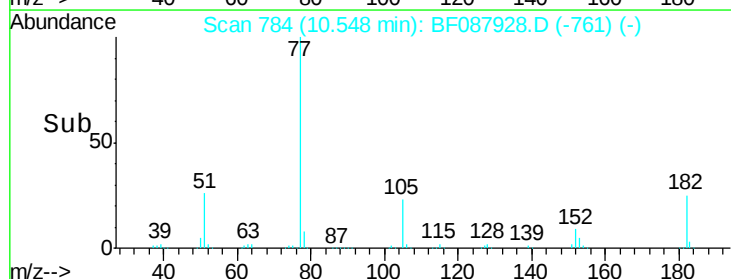
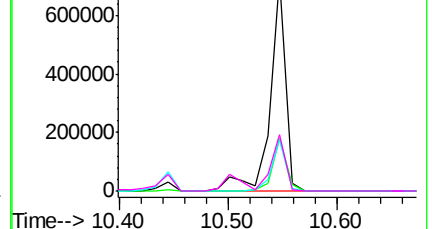


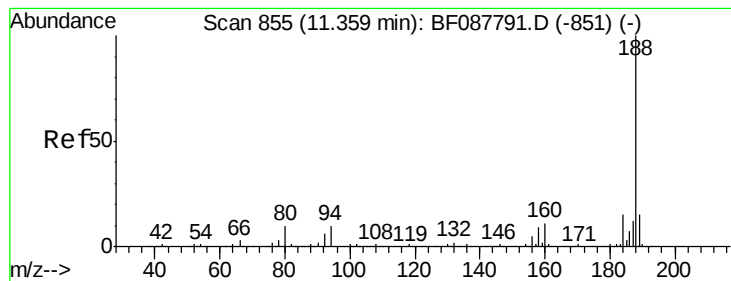
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.33 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

ClientSampleId :

PB91249BS

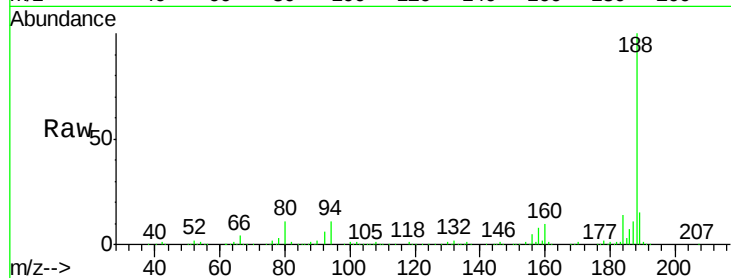
Tot Ion:188 Resp: 393263

Ion Ratio Lower Upper

188 100

94 10.9 9.0 13.6

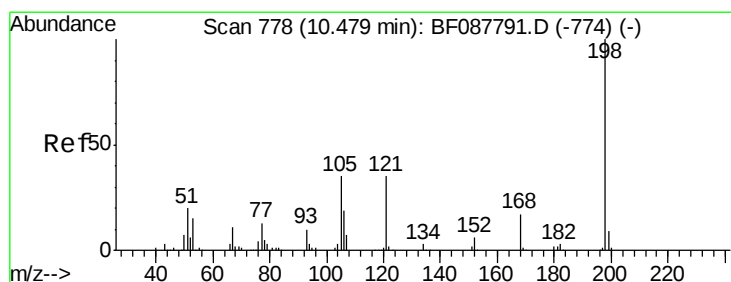
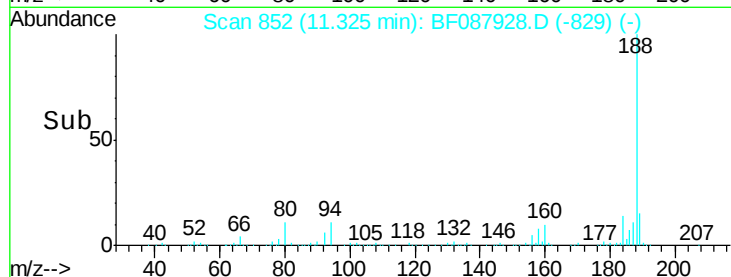
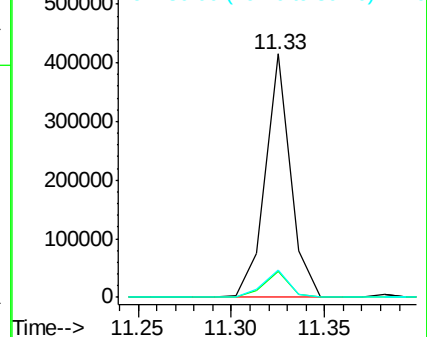
80 11.3 10.0 15.0



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: 46.10 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

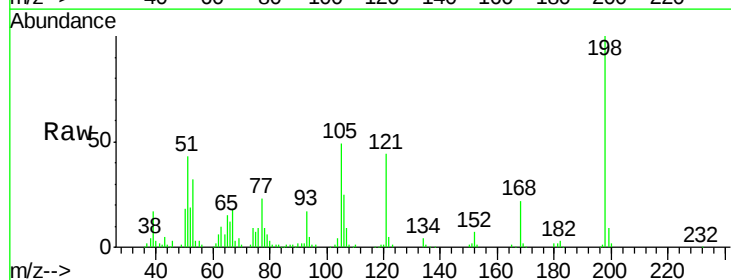
Tgt Ion:198 Resp: 112952

Ion Ratio Lower Upper

198 100

51 42.6 39.6 79.6

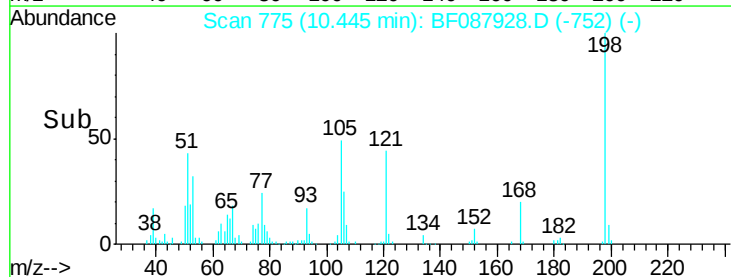
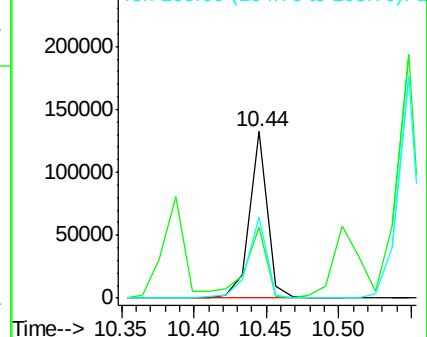
105 49.0 36.6 76.6

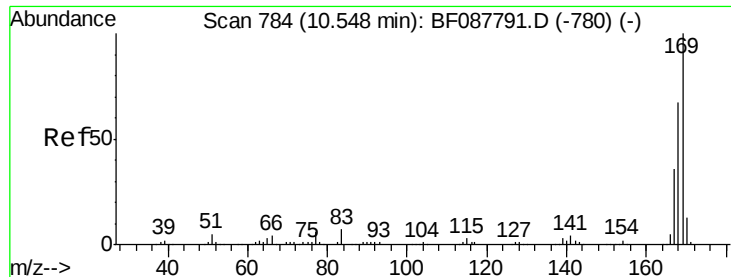


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

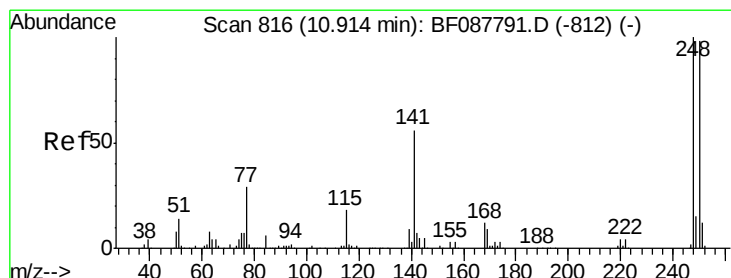
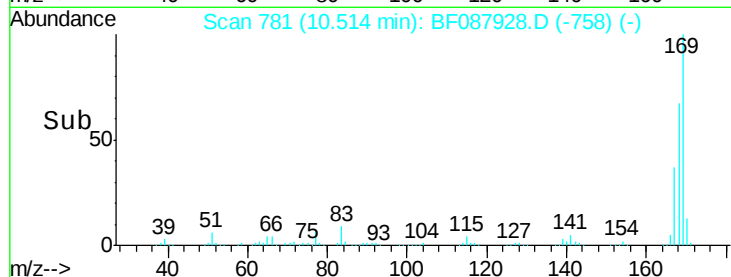
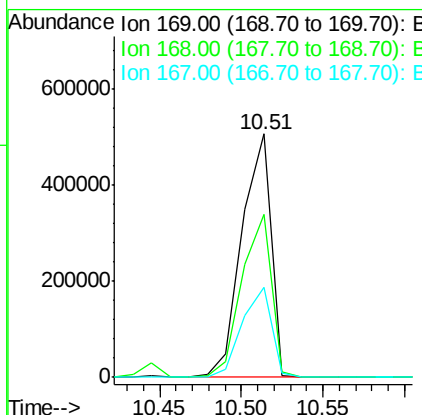
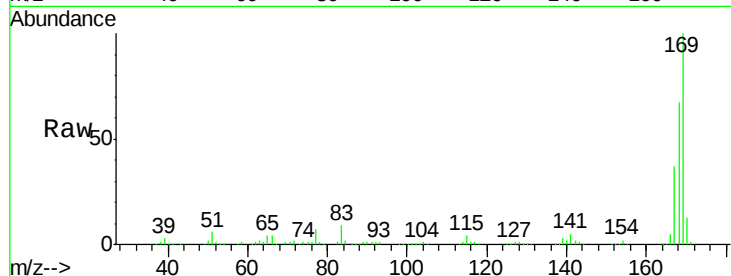




#65
 n-Nitrosodiphenylamine
 Concen: 47.99 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

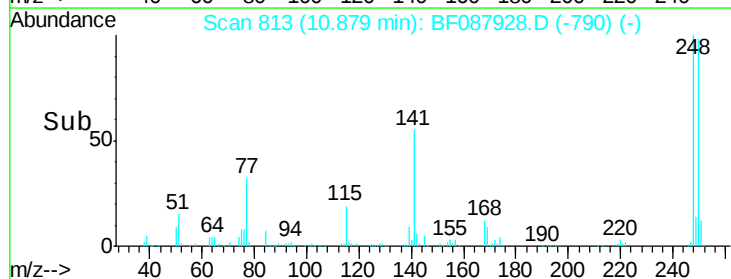
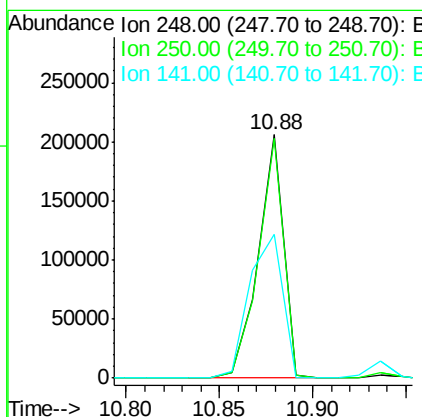
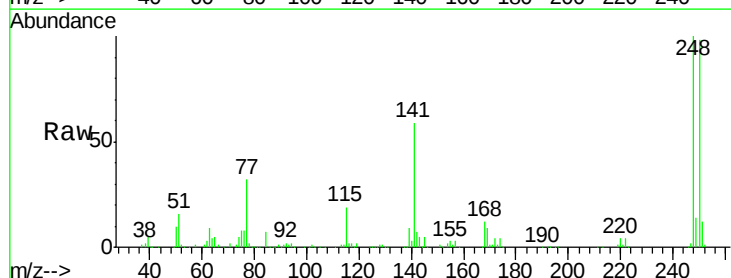
Instrument :
 BNA_F
 ClientSampleId :
 PB91249BS

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



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

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

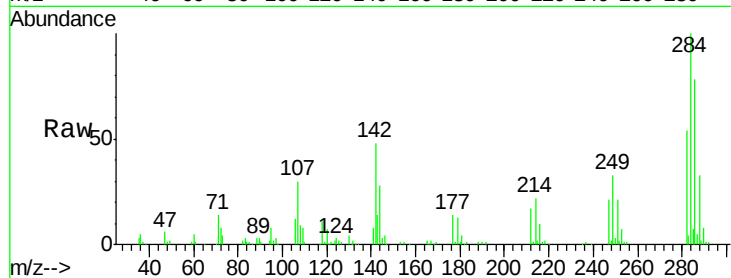




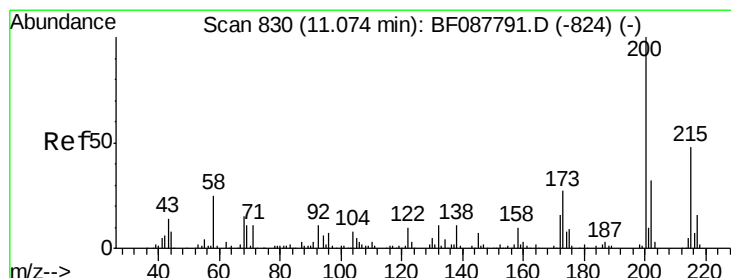
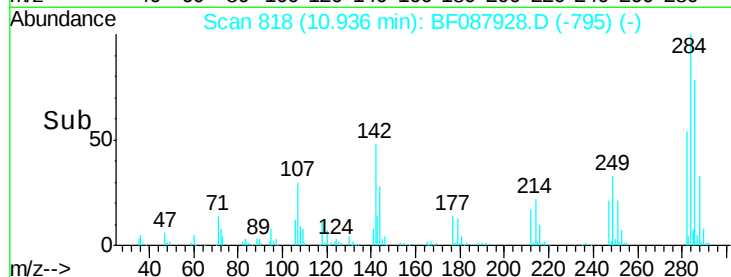
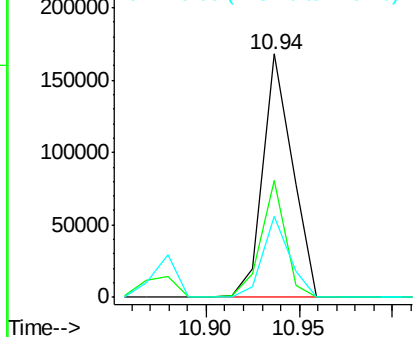
#67
Hexachlorobenzene
Concen: 41.85 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Instrument :
BNA_F
ClientSampleId :
PB91249BS

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

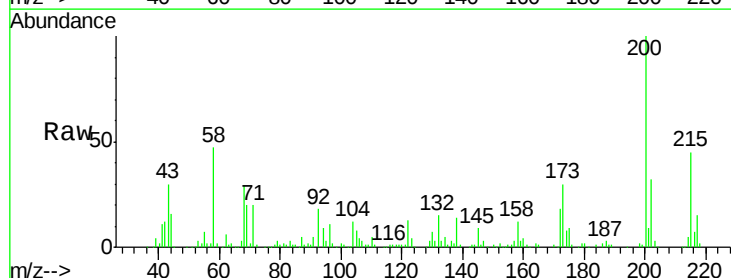


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

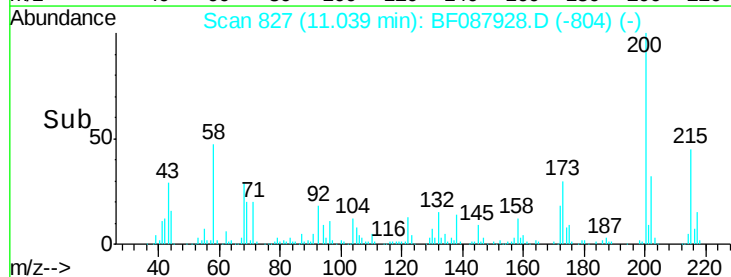
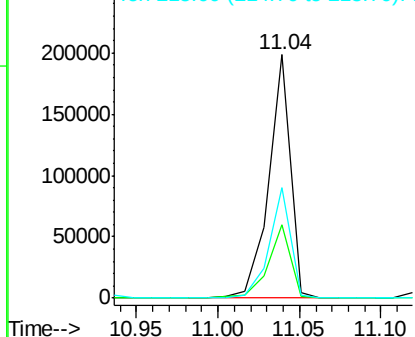


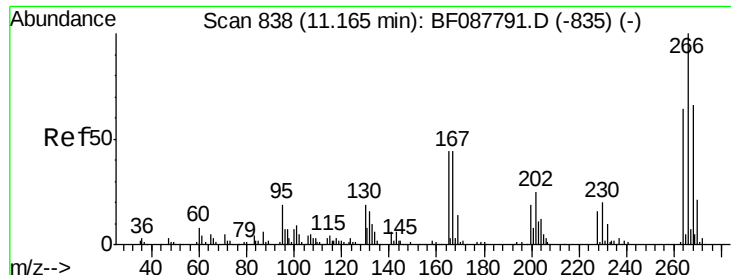
#68
Atrazine
Concen: 46.60 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.3	4.0	44.0
215	45.4	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

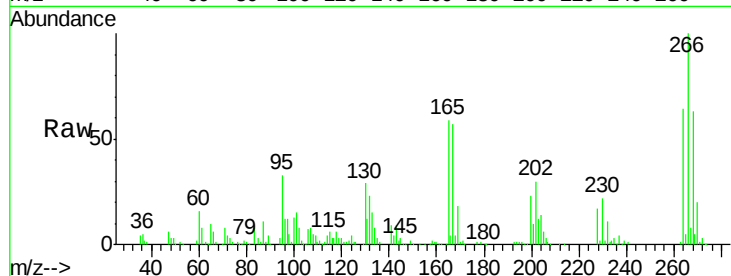




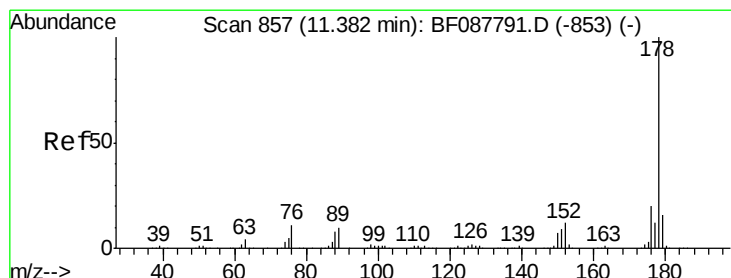
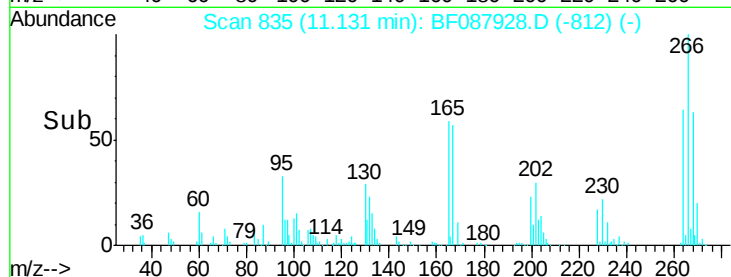
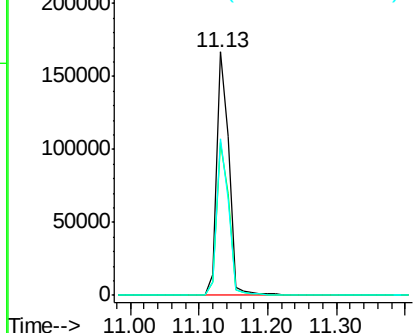
#69
 Pentachlorophenol
 Concen: 90.84 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Instrument :
 BNA_F
 ClientSampleId :
 PB91249BS

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

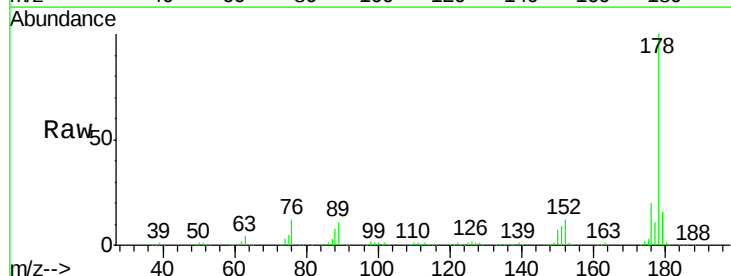


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

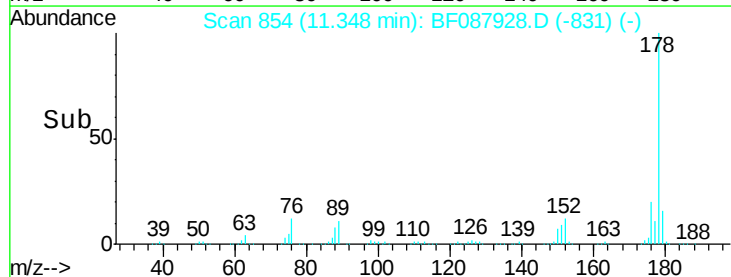
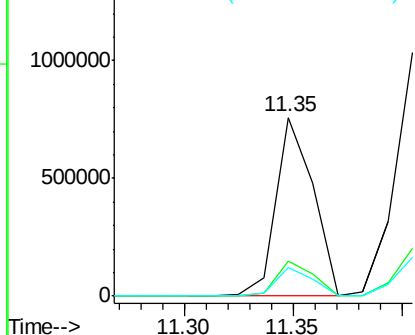


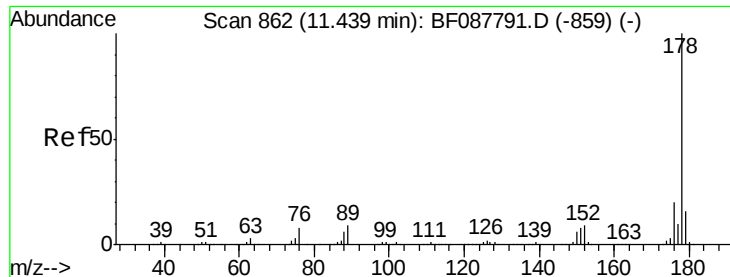
#70
 Phenanthrene
 Concen: 44.20 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

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



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

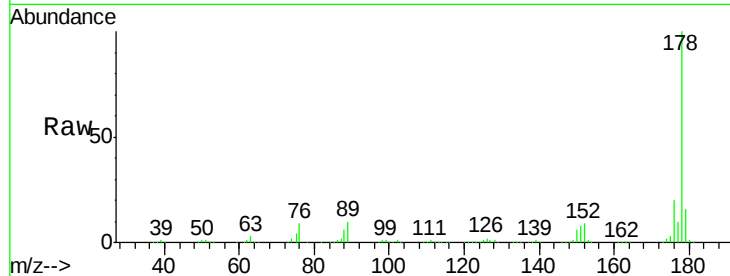




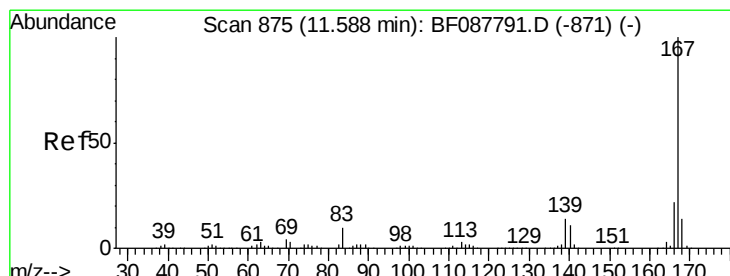
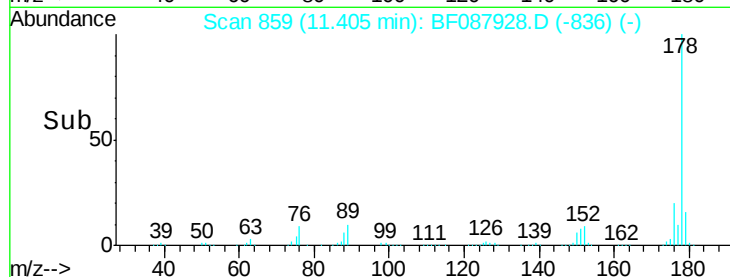
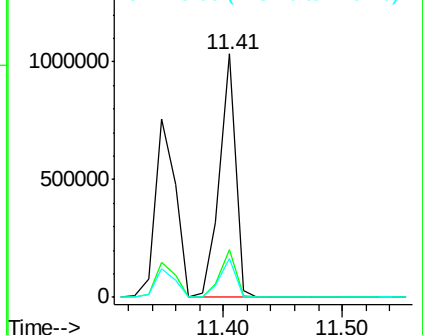
#71
 Anthracene
 Concen: 46.30 ng
 RT: 11.41 min Scan# 859
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Instrument :
 BNA_F
 ClientSampleId :
 PB91249BS

Tot Ion:178 Resp: 963871
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.6 23.4
 179 16.0 12.8 19.2

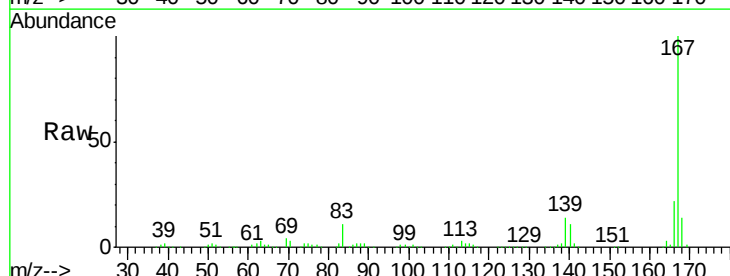


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

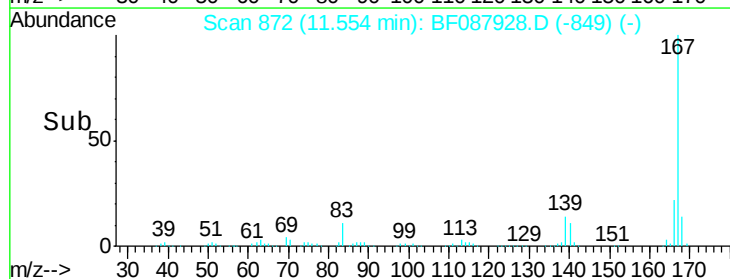
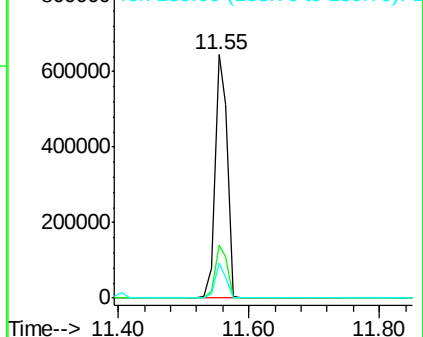


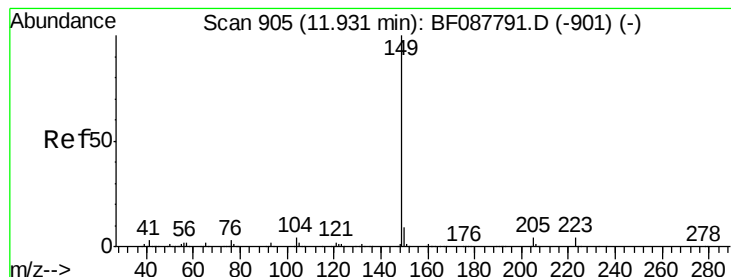
#72
 Carbazole
 Concen: 44.11 ng
 RT: 11.55 min Scan# 872
 Delta R.T. -0.03 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

Tgt Ion:167 Resp: 859268
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.6
 139 14.2 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: 39.73 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

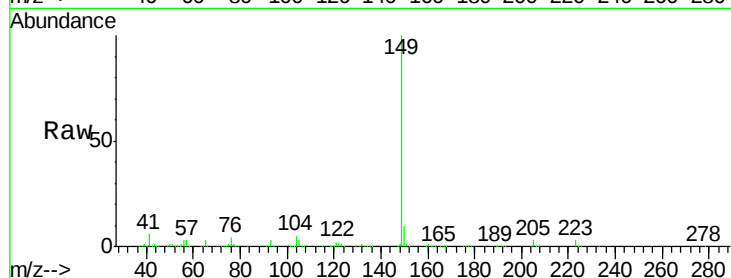
BNA_F

ClientSampleId :

PB91249BS

Tot Ion:149 Resp: 979753

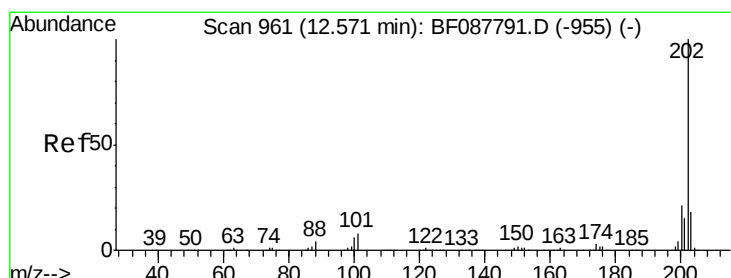
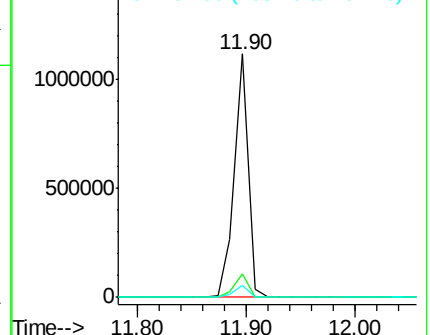
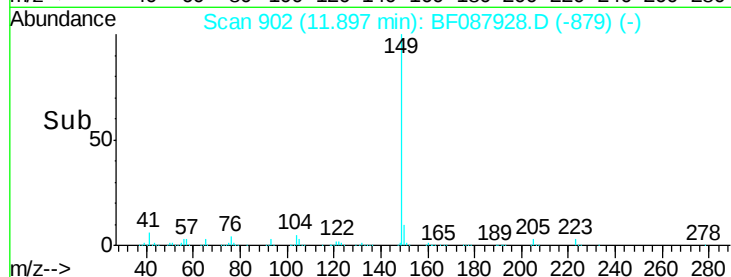
Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	4.7	4.0	6.0



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: 39.79 ng

RT: 12.54 min Scan# 958

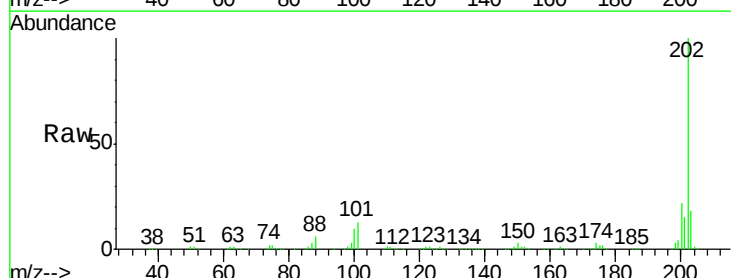
Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Tgt Ion:202 Resp: 866443

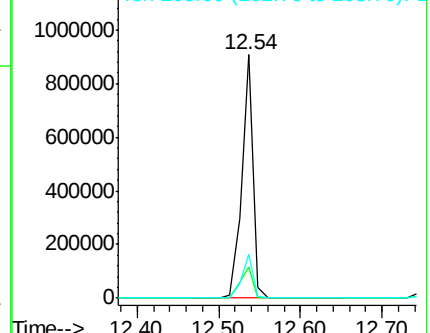
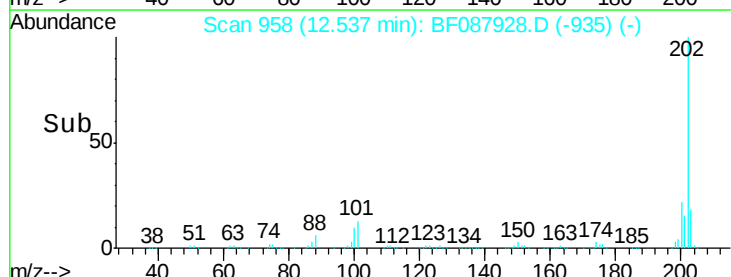
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.1
203	17.9	0.0	38.1

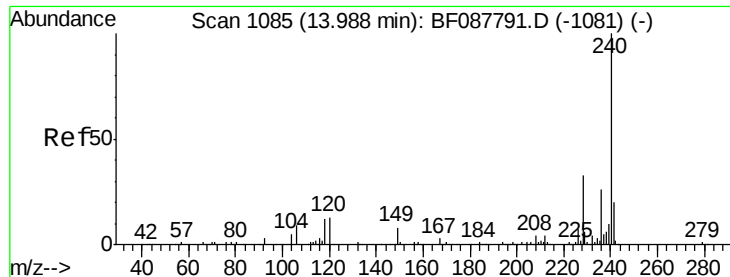


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

ClientSampleId :

PB91249BS

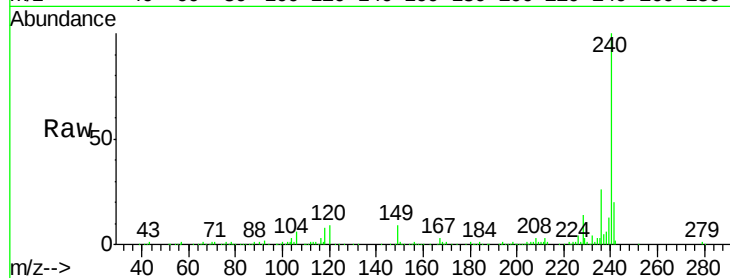
Tot Ion:240 Resp: 264617

Ion Ratio Lower Upper

240 100

120 8.8 6.8 10.2

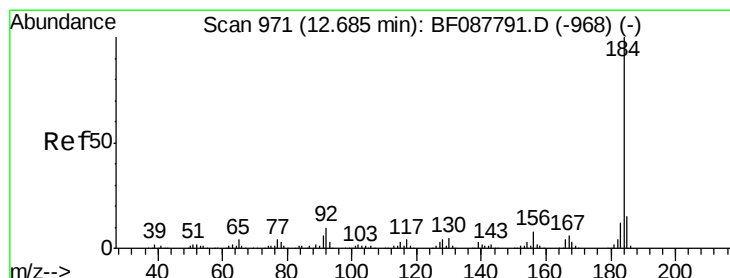
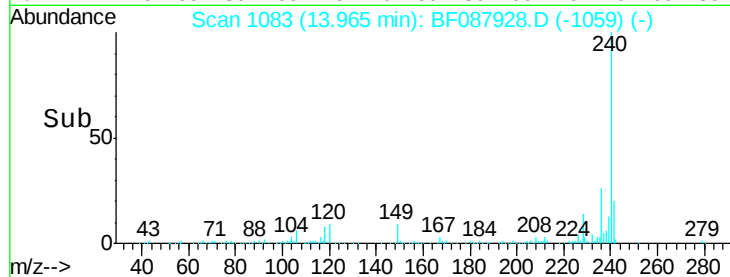
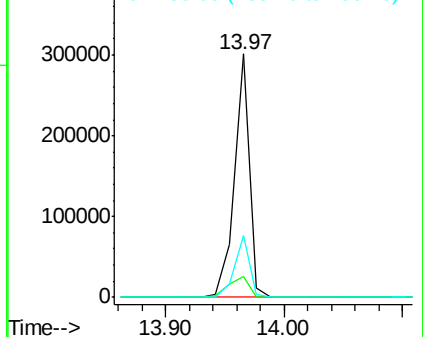
236 25.6 20.2 30.2



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: 39.05 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

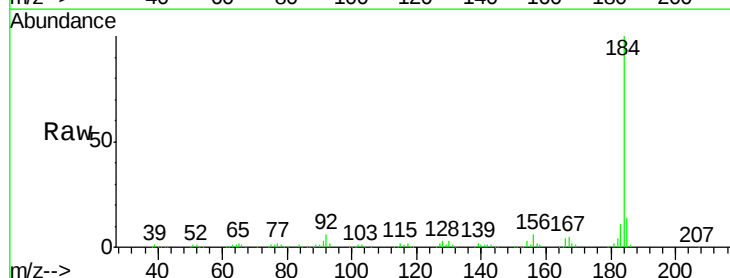
Tgt Ion:184 Resp: 286091

Ion Ratio Lower Upper

184 100

185 13.9 12.5 18.7

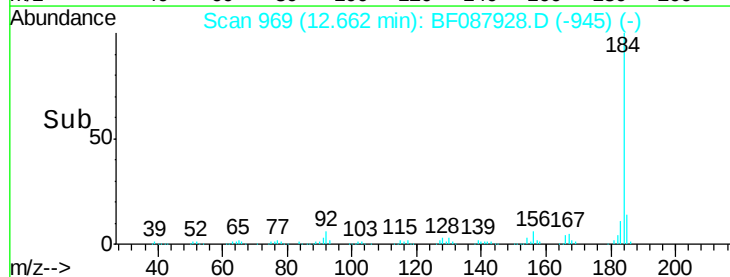
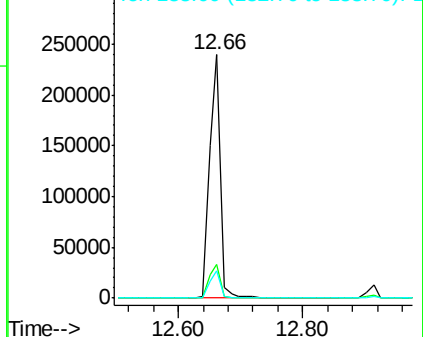
183 11.3 9.3 13.9

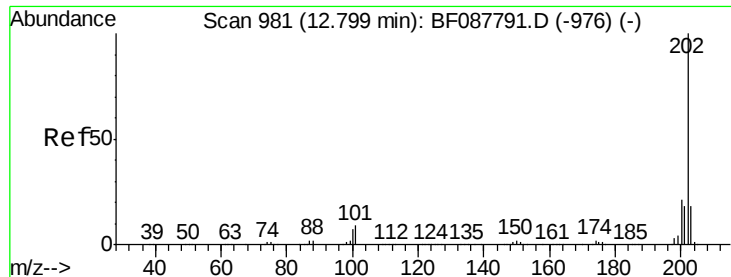


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

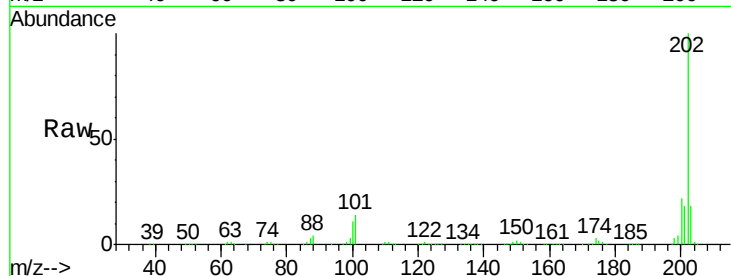




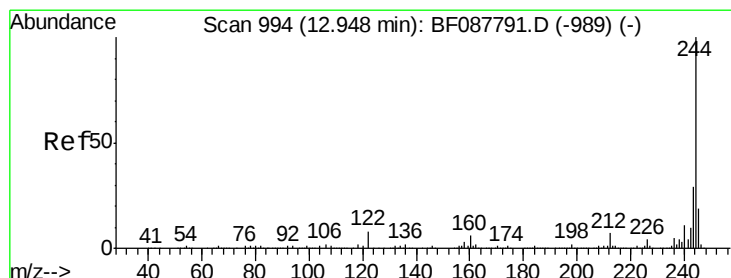
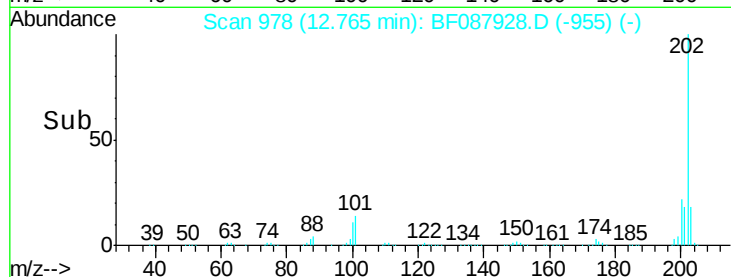
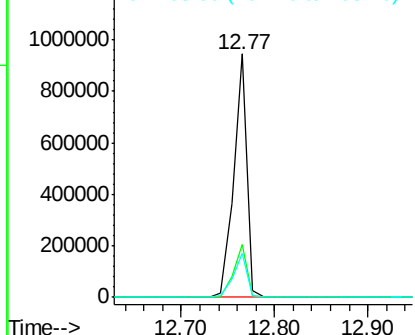
#77
Pvrene
Concen: 47.49 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

Instrument :
BNA_F
ClientSampleId :
PB91249BS

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

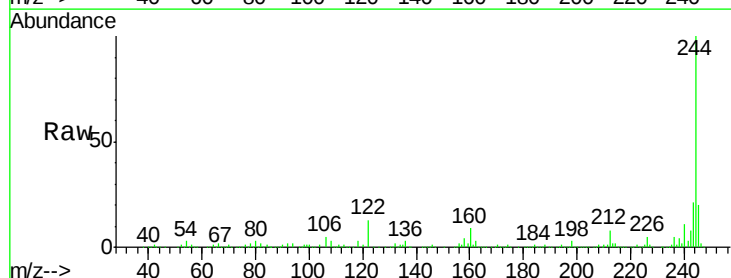


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

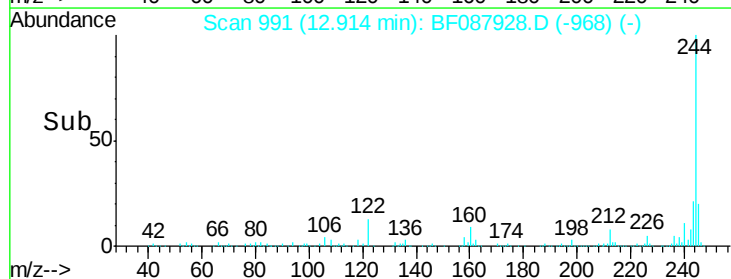
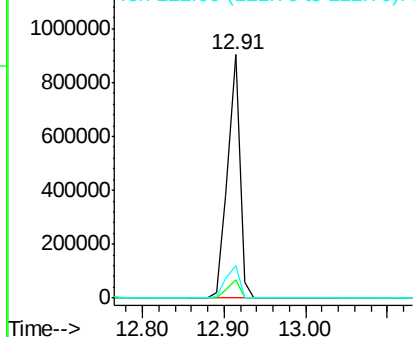


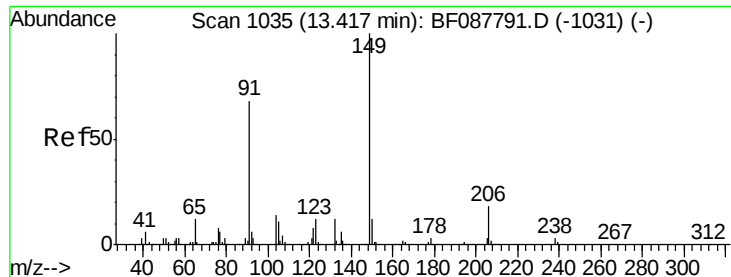
#78
Terphenyl-d14
Concen: 80.82 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

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



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

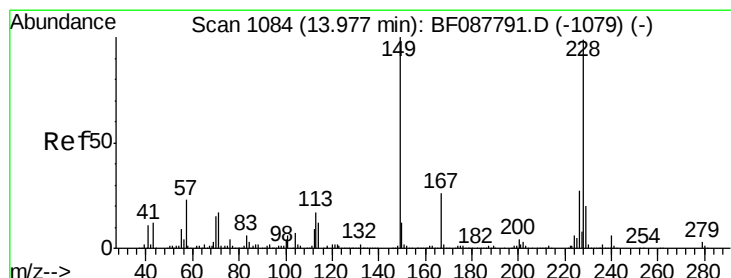
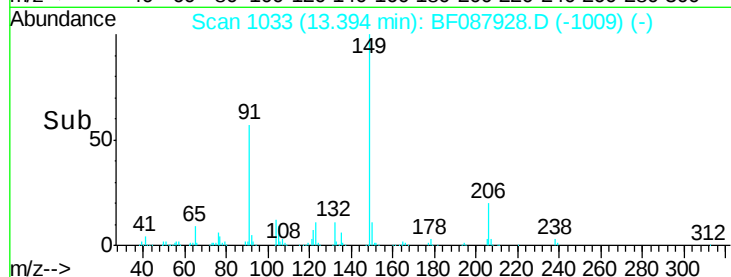
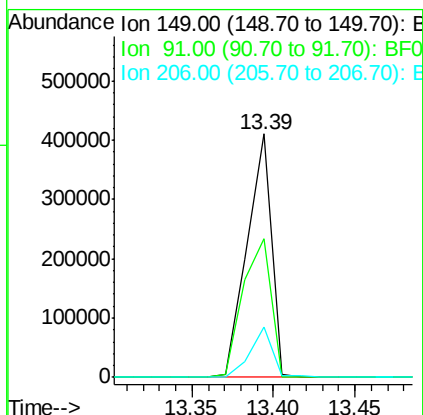
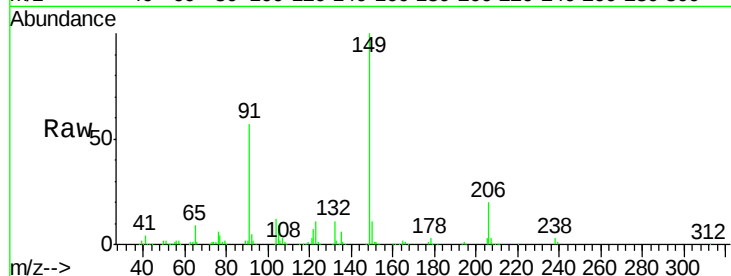




#79
Butylbenzylphthalate
Concen: 49.05 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

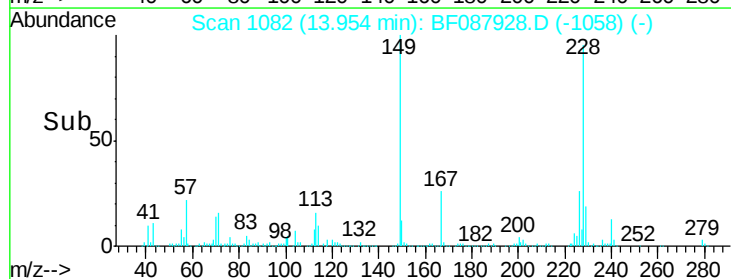
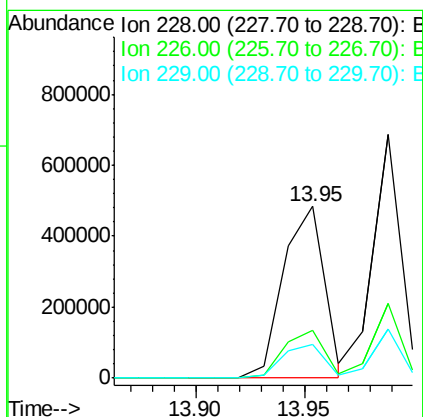
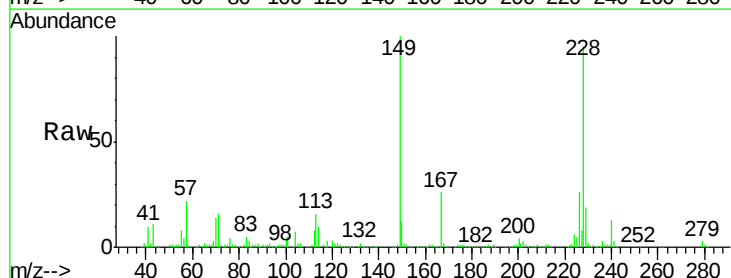
Instrument :
BNA_F
ClientSampleId :
PB91249BS

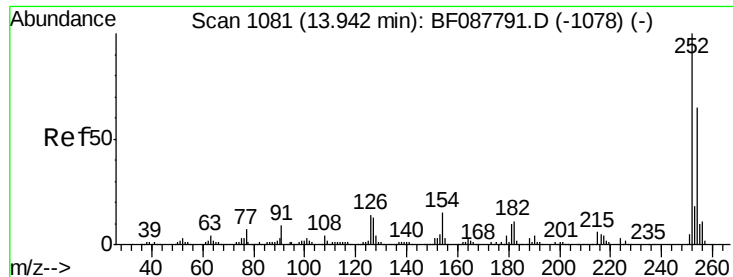
Tot Ion	Ratio	Lower	Upper
149	100		
91	57.2	48.0	72.0
206	20.5	16.0	24.0



#80
Benzo(a)anthracene
Concen: 42.50 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

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

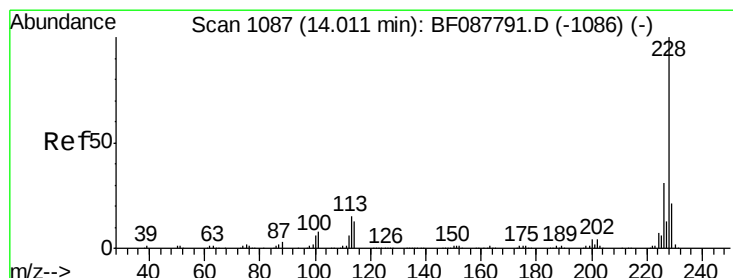
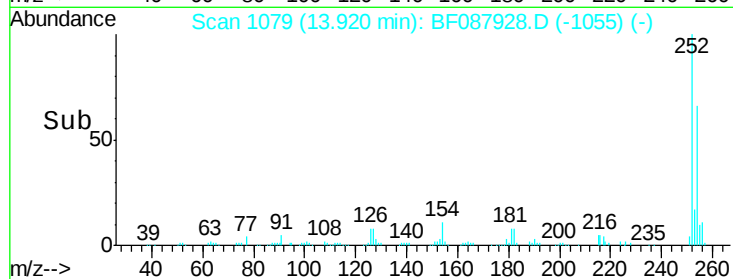
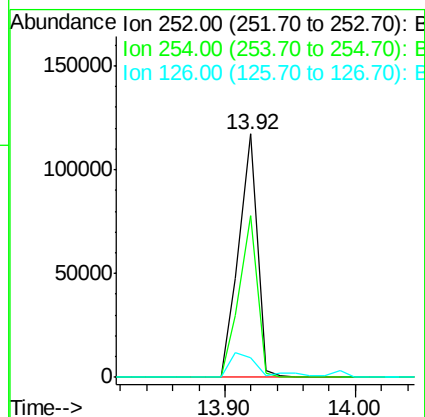
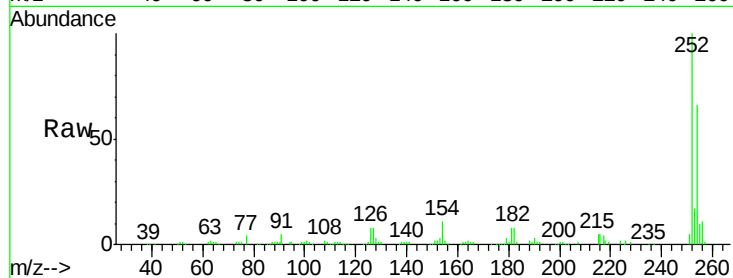




#81
 3,3'-Dichlorobenzidine
 Concen: 28.69 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF087928.D
 Acq: 12 Jun 2016 4:52

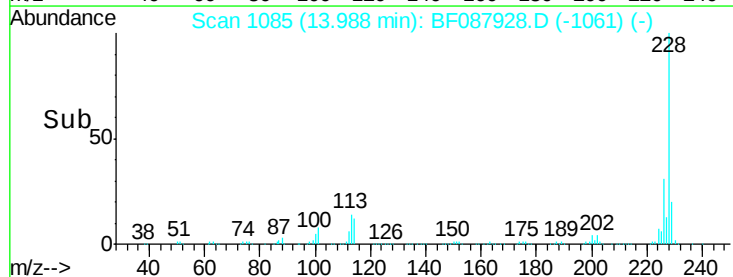
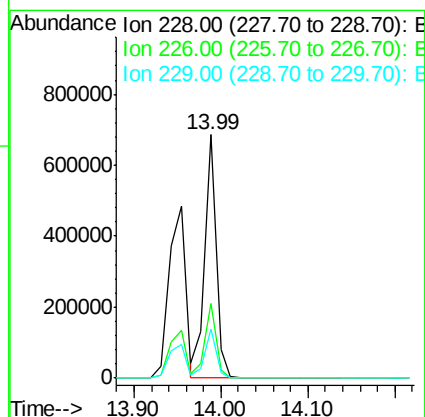
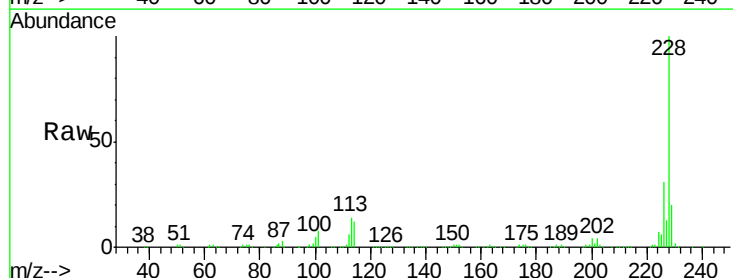
Instrument :
 BNA_F
 ClientSampleId :
 PB91249BS

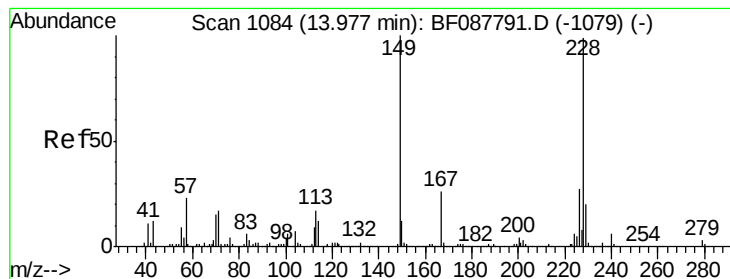
Tot Ion:252 Resp: 116339
 Ion Ratio Lower Upper
 252 100
 254 66.4 52.6 78.8
 126 8.3 6.2 9.2



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

Tgt Ion:228 Resp: 625502
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.4 38.2
 229 20.1 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.53 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

ClientSampleId :

PB91249BS

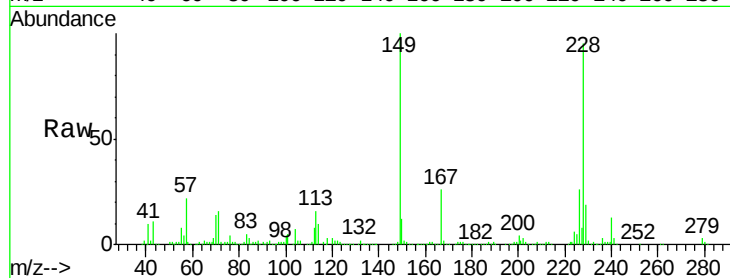
Tot Ion:149 Resp: 481156

Ion Ratio Lower Upper

149 100

167 26.3 20.5 30.7

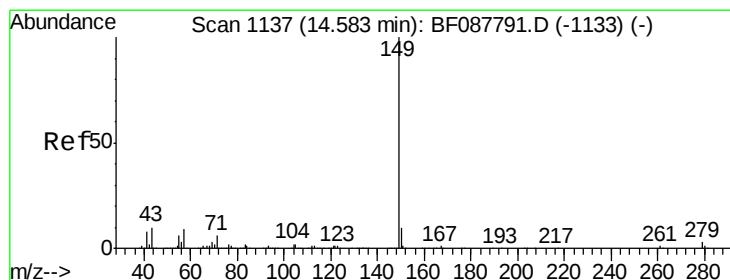
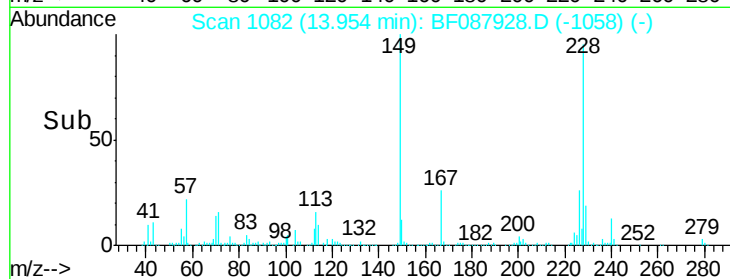
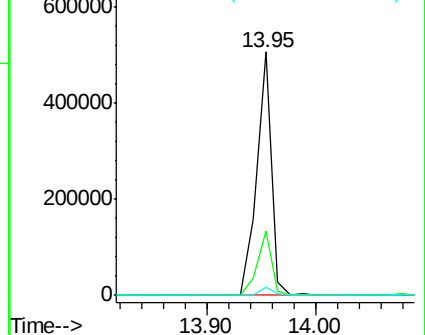
279 3.2 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.74 ng

RT: 14.56 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

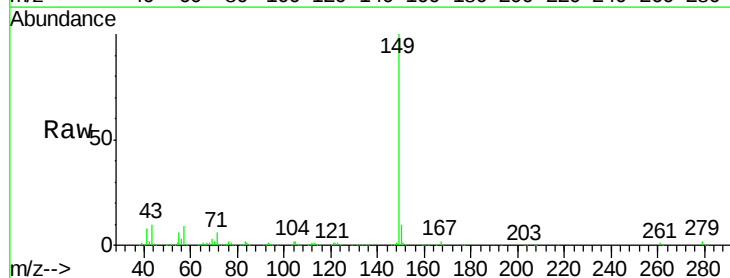
Tgt Ion:149 Resp: 922819

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

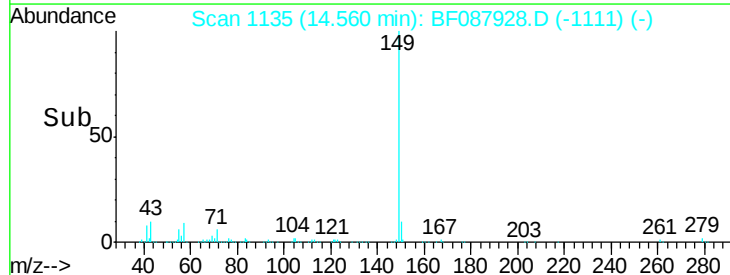
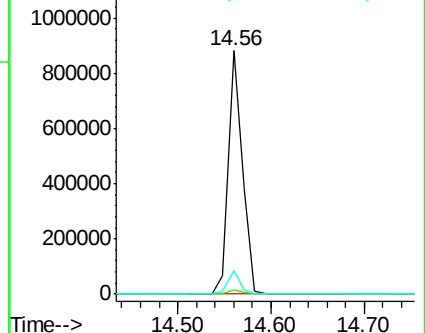
43 8.4 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

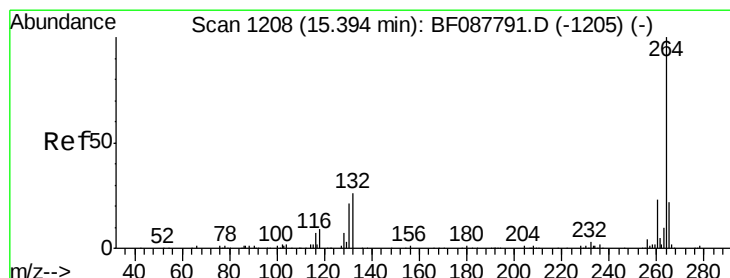
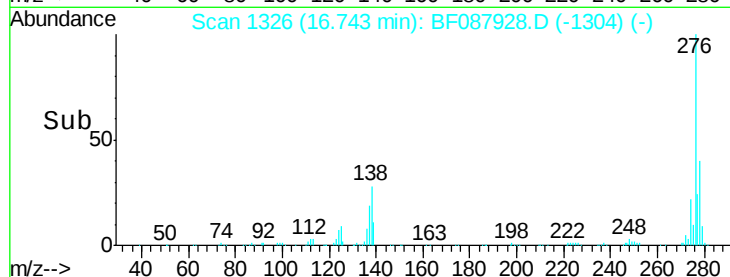
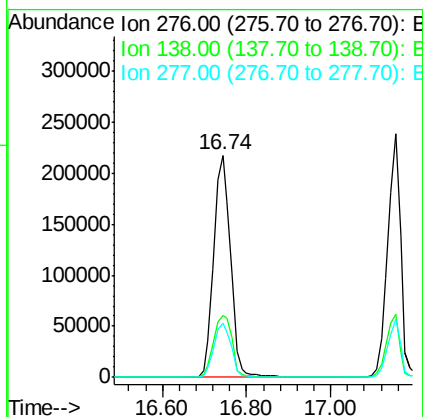
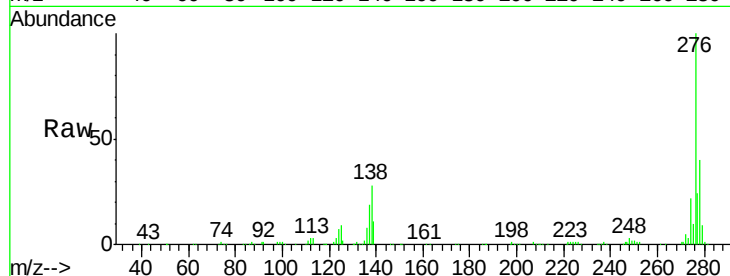




#85
Indeno(1,2,3-cd)pyrene
Concen: 46.44 ng
RT: 16.74 min Scan# 1326
Delta R.T. -0.05 min
Lab File: BF087928.D
Acq: 12 Jun 2016 4:52

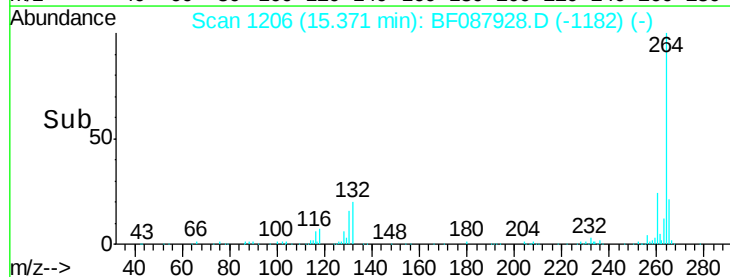
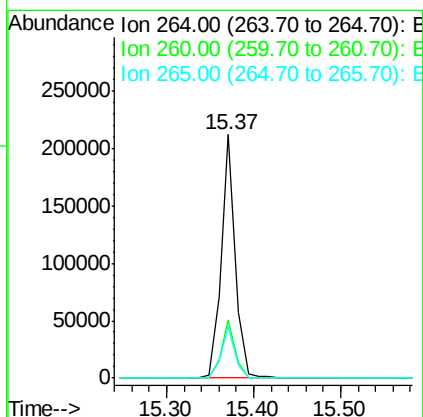
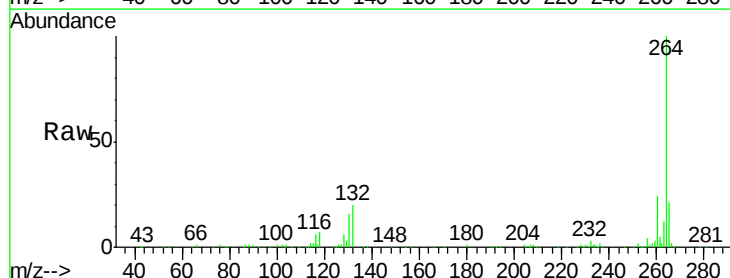
Instrument :
BNA_F
ClientSampleId :
PB91249BS

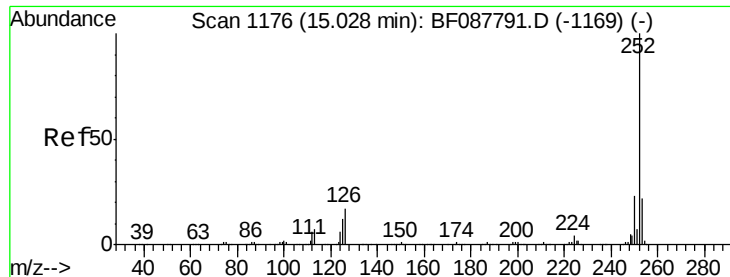
Tot Ion:276 Resp: 612099
Ion Ratio Lower Upper
276 100
138 30.7 0.0 0.0#
277 25.0 0.0 0.0#



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

Tgt Ion:264 Resp: 241473
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.1 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 38.62 ng

RT: 14.97 min Scan# 1171

Delta R.T. -0.02 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

ClientSampleId :

PB91249BS

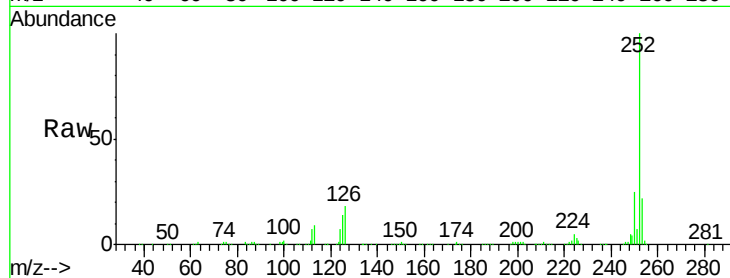
Tot Ion:252 Resp: 649929

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

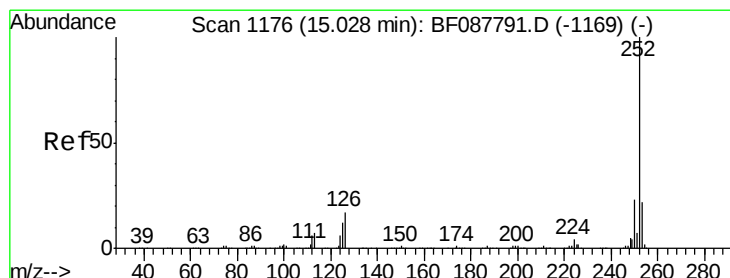
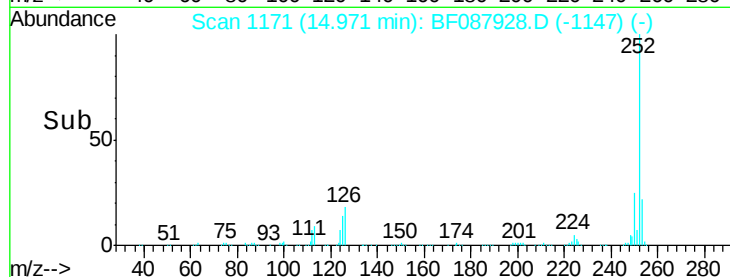
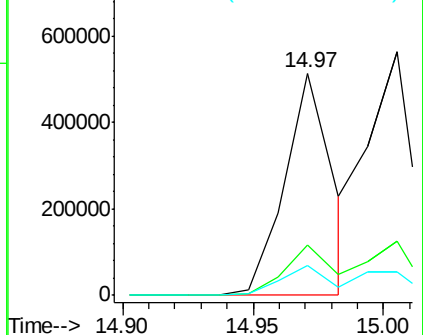
125 13.5 7.1 10.7#



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



#88

Benzo(k)fluoranthene

Concen: 51.19 ng

RT: 14.97 min Scan# 1171

Delta R.T. -0.06 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

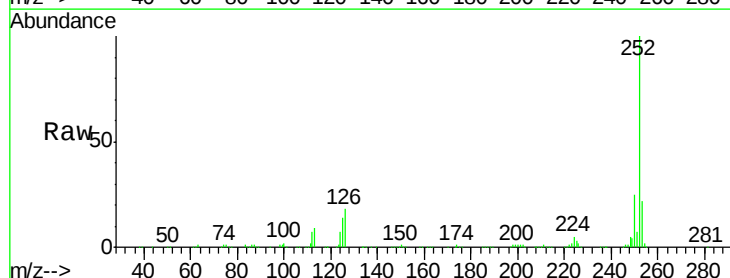
Tgt Ion:252 Resp: 649929

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

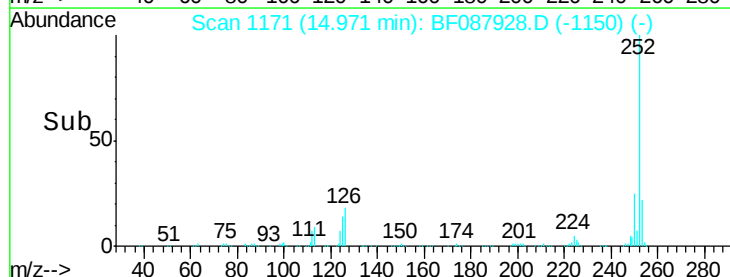
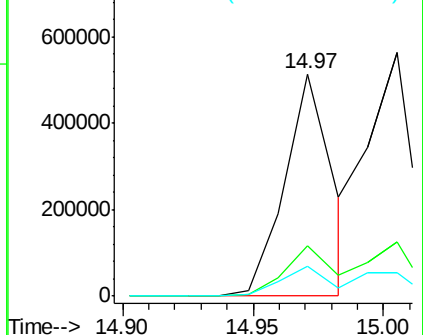
125 13.5 11.2 16.8

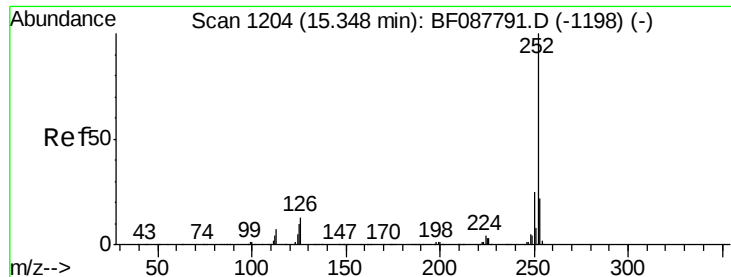


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.65 ng

RT: 15.31 min Scan# 1201

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

ClientSampleId :

PB91249BS

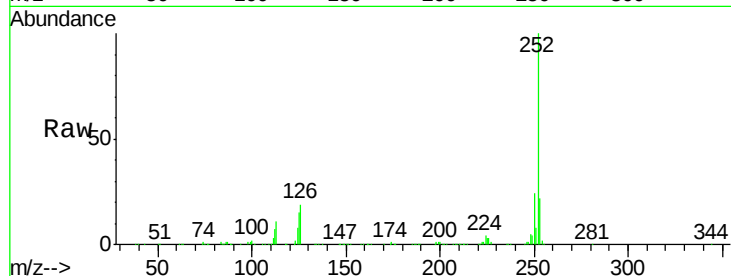
Tot Ion:252 Resp: 607967

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

252 100

253 21.9 17.9 26.9

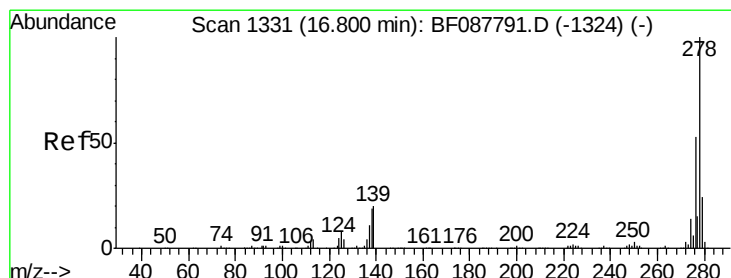
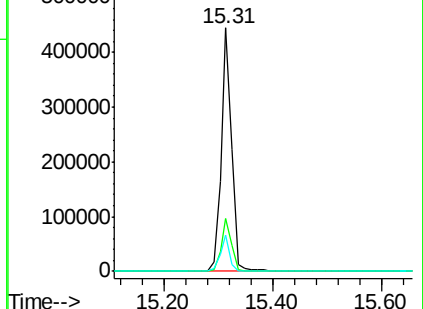
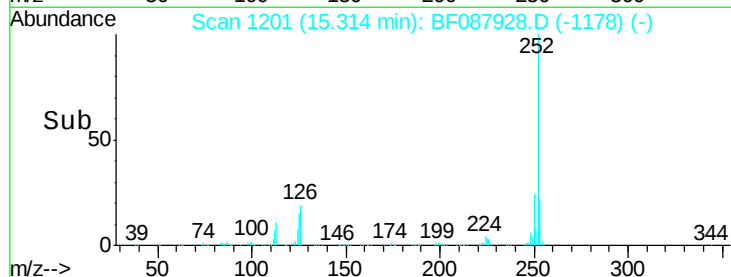
125 15.0 12.5 18.7



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: 39.80 ng

RT: 16.77 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

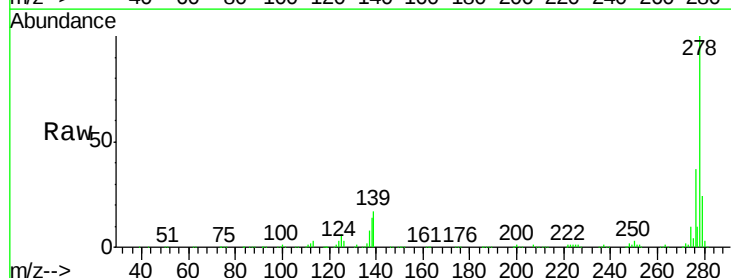
Tgt Ion:278 Resp: 503295

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

278 100

139 16.7 15.7 23.5

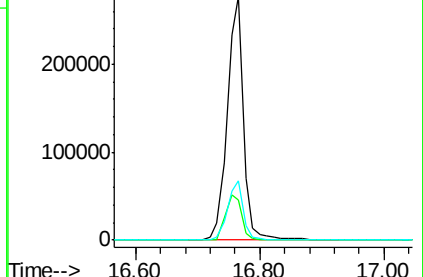
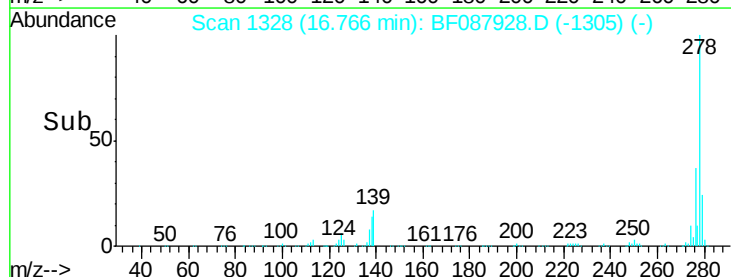
279 24.4 19.4 29.2

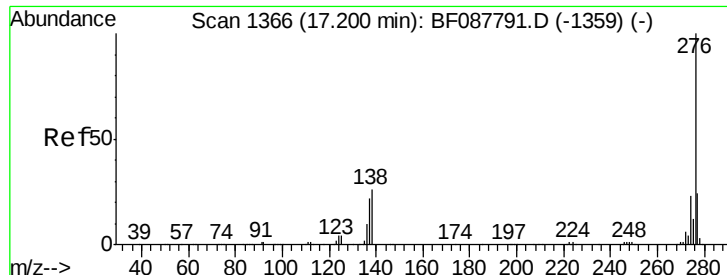


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.51 ng

RT: 17.15 min Scan# 1362

Delta R.T. -0.05 min

Lab File: BF087928.D

Acq: 12 Jun 2016 4:52

Instrument :

BNA_F

ClientSampleId :

PB91249BS

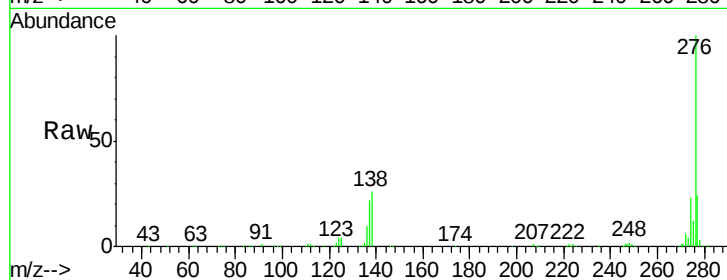
Tot Ion:276 Resp: 527049

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 25.8 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

