

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
 Data File : BF087728.D
 Acq On : 6 Jun 2016 1:22
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jun 06 03:14:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	118325	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	479285	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	230603	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	401421	20.00	ng	0.00
75) Chrysene-d12	14.02	240	260512	20.00	ng	0.00
86) Perylene-d12	15.44	264	237345	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	551594	75.35	ng	0.00
7) Phenol-d6	6.49	99	681633	74.24	ng	0.00
23) Nitrobenzene-d5	7.43	82	628754	75.90	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	180994	78.19	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1230519	80.53	ng	0.00
78) Terphenyl-d14	12.97	244	967144	90.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	143876	40.66	ng	# 34
3) Pyridine	3.20	79	321896	34.43	ng	99
4) n-Nitrosodimethylamine	3.14	42	154409	39.10	ng	96
6) Aniline	6.52	93	506733	38.94	ng	100
8) 2-Chlorophenol	6.64	128	321732	38.19	ng	98
9) Benzaldehyde	6.41	77	226983	36.57	ng	99
10) Phenol	6.50	94	398518	38.12	ng	91
11) bis(2-Chloroethyl)ether	6.60	93	299383	39.41	ng	# 80
12) 1,3-Dichlorobenzene	6.80	146	333433	36.97	ng	100
13) 1,4-Dichlorobenzene	6.88	146	359429	39.71	ng	99
14) 1,2-Dichlorobenzene	7.04	146	310721	36.62	ng	99
15) Benzyl Alcohol	7.00	79	254958	37.59	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	409151	36.94	ng	97
17) 2-Methylphenol	7.12	107	273607	40.45	ng	97
18) Hexachloroethane	7.38	117	124682	39.40	ng	90
19) n-Nitroso-di-n-propylamine	7.28	70	211112	36.82	ng	98
20) 3+4-Methylphenols	7.27	107	319135	38.51	ng	92
22) Acetophenone	7.28	105	444818	40.98	ng	96
24) Nitrobenzene	7.45	77	361982	43.66	ng	100
25) Isophorone	7.69	82	596504	39.55	ng	100
26) 2-Nitrophenol	7.76	139	158074	41.03	ng	99
27) 2,4-Dimethylphenol	7.80	122	329507	41.27	ng	97
28) bis(2-Chloroethoxy)methane	7.91	93	363623	38.01	ng	100
29) 2,4-Dichlorophenol	8.00	162	255830	39.02	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	284827	41.48	ng	99
31) Naphthalene	8.17	128	930086	39.91	ng	100
32) Benzoic acid	7.92	122	144508	30.00	ng	98
33) 4-Chloroaniline	8.22	127	383623	37.90	ng	100
34) Hexachlorobutadiene	8.30	225	143948	40.32	ng	97
35) Caprolactam	8.60	113	94364	43.81	ng	# 73
36) 4-Chloro-3-methylphenol	8.70	107	259938	38.32	ng	96
37) 2-Methylnaphthalene	8.86	142	593530	38.57	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	256602	40.38	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	131089	35.07	ng	99

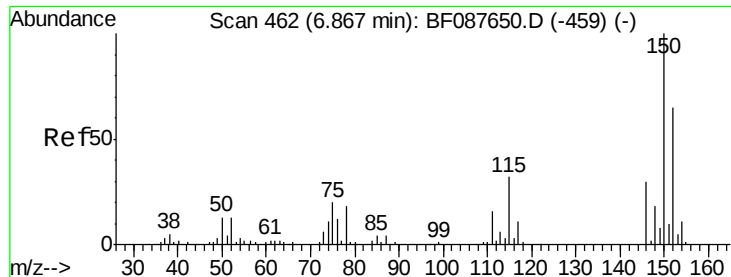
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
 Data File : BF087728.D
 Acq On : 6 Jun 2016 1:22
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 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	190457	39.68	ng	100
43) 2,4,5-Trichlorophenol	9.18	196	189759	42.48	ng #	95
45) 1,1'-Biphenyl	9.32	154	678492	36.25	ng	99
46) 2-Chloronaphthalene	9.35	162	526808	35.36	ng	100
47) 2-Nitroaniline	9.44	65	162122	38.65	ng	99
48) Acenaphthylene	9.77	152	910358	39.18	ng	99
49) Dimethylphthalate	9.63	163	673132	40.15	ng	100
50) 2,6-Dinitrotoluene	9.69	165	165008	43.26	ng #	85
51) Acenaphthene	9.94	154	574988	38.47	ng	99
52) 3-Nitroaniline	9.86	138	173532	39.78	ng #	63
53) 2,4-Dinitrophenol	9.95	184	52804	32.90	ng	98
54) Dibenzofuran	10.11	168	812714	39.93	ng	99
55) 4-Nitrophenol	10.01	139	144032	38.63	ng #	78
56) 2,4-Dinitrotoluene	10.09	165	217701	44.82	ng #	89
57) Fluorene	10.44	166	573565	36.05	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	150667	39.16	ng #	58
59) Diethylphthalate	10.33	149	650675	38.65	ng	100
60) 4-Chlorophenyl-phenylether	10.44	204	252692	39.16	ng	99
61) 4-Nitroaniline	10.47	138	163239	38.92	ng	97
62) Azobenzene	10.60	77	684671	40.40	ng	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	75862	34.59	ng	98
65) n-Nitrosodiphenylamine	10.56	169	522208	39.72	ng	100
66) 4-Bromophenyl-phenylether	10.94	248	173657	43.63	ng	96
67) Hexachlorobenzene	10.99	284	173072	38.88	ng	98
68) Atrazine	11.10	200	163217	41.91	ng	99
69) Pentachlorophenol	11.19	266	100159	37.87	ng	99
70) Phenanthrene	11.40	178	822432	37.79	ng	100
71) Anthracene	11.46	178	904104	41.46	ng	100
72) Carbazole	11.61	167	760522	36.84	ng	100
73) Di-n-butylphthalate	11.95	149	980472	44.30	ng	99
74) Fluoranthene	12.59	202	857674	40.04	ng	99
76) Benzidine	12.72	184	370836	36.10	ng	99
77) Pyrene	12.82	202	865348	46.65	ng	100
79) Butylbenzylphthalate	13.45	149	394142	49.92	ng	89
80) Benzo(a)anthracene	14.00	228	620392	41.26	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	185219	43.67	ng	98
82) Chrysene	14.05	228	659370	44.06	ng	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	487578	51.90	ng #	97
84) Di-n-octyl phthalate	14.62	149	783361	44.85	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.83	276	585110	47.30	ng #	100
87) Benzo(b)fluoranthene	15.04	252	649031	42.04	ng	99
88) Benzo(k)fluoranthene	15.04	252	649031	50.53	ng #	94
89) Benzo(a)pyrene	15.38	252	527207	40.62	ng	99
90) Dibenzo(a,h)anthracene	16.86	278	479695	43.43	ng	99
91) Benzo(g,h,i)perylene	17.26	276	482410	43.29	ng	100

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

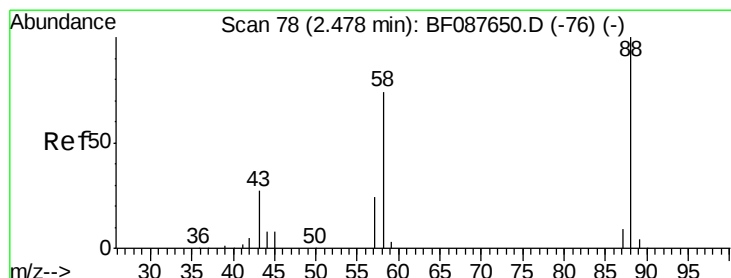
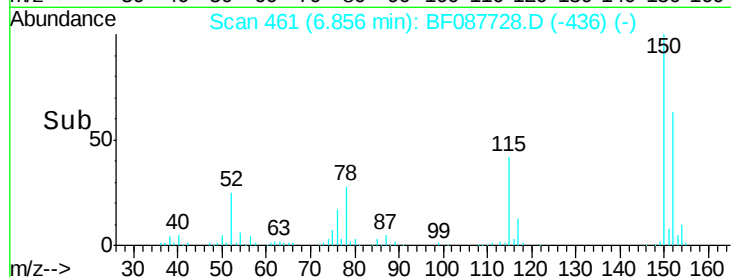
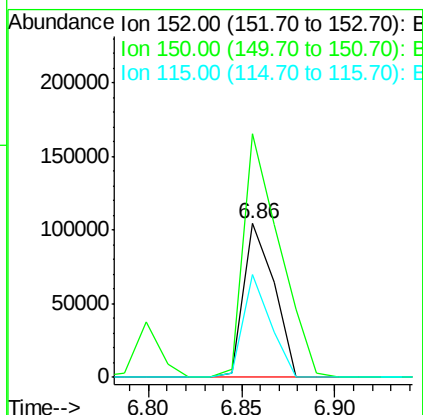
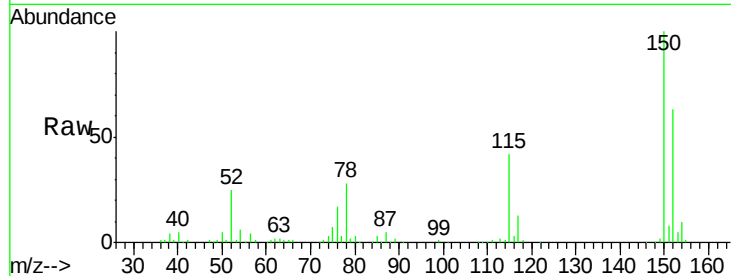


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087728.D
Acq: 6 Jun 2016 1:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

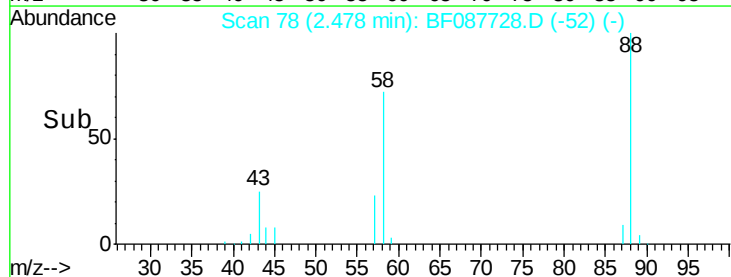
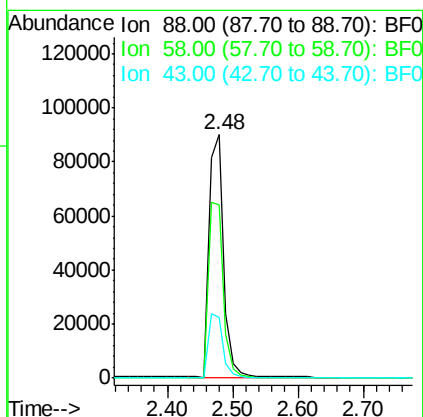
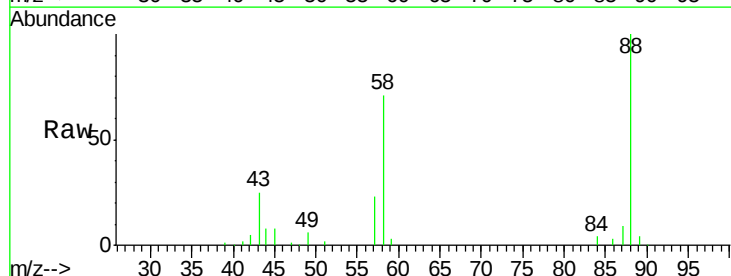
Tgt Ion: 152 Resp: 118325
Ion Ratio Lower Upper
152 100
150 158.4 123.8 185.6
115 66.8 39.6 59.4#

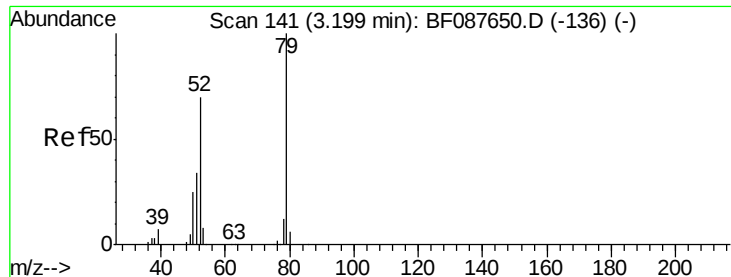


#2

1,4-Dioxane
Concen: 40.66 ng
RT: 2.48 min Scan# 78
Delta R.T. -0.00 min
Lab File: BF087728.D
Acq: 6 Jun 2016 1:22

Tgt Ion: 88 Resp: 143876
Ion Ratio Lower Upper
88 100
58 71.9 0.0 0.0#
43 25.9 3.4 5.2#





#3

Pyridine

Concen: 34.43 ng

RT: 3.20 min Scan# 141

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

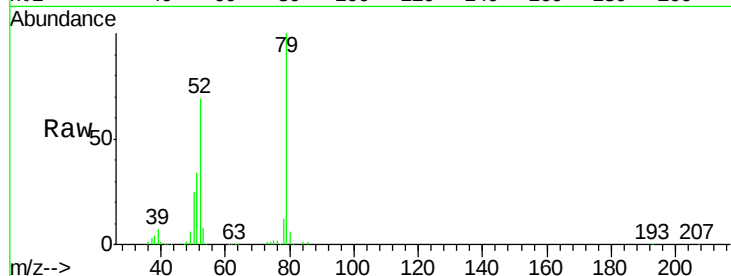
Tgt Ion: 79 Resp: 321896

Ion Ratio Lower Upper

79 100

52 69.2 56.3 84.5

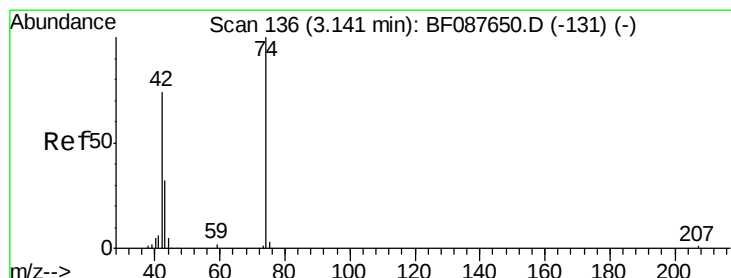
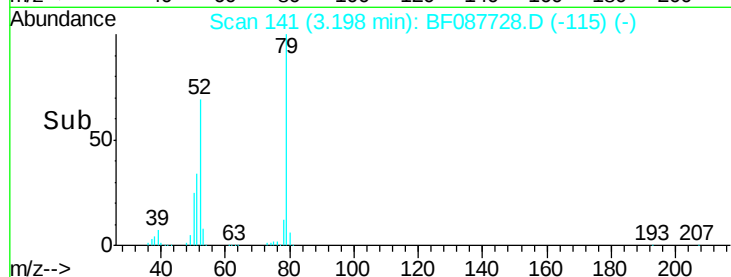
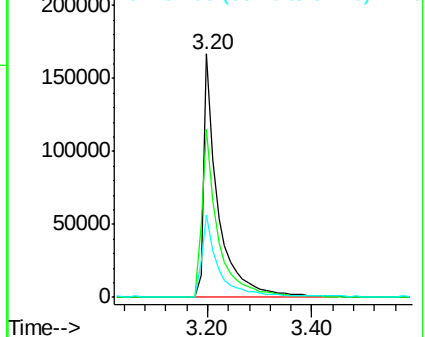
51 34.1 27.4 41.2



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: 39.10 ng

RT: 3.14 min Scan# 136

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

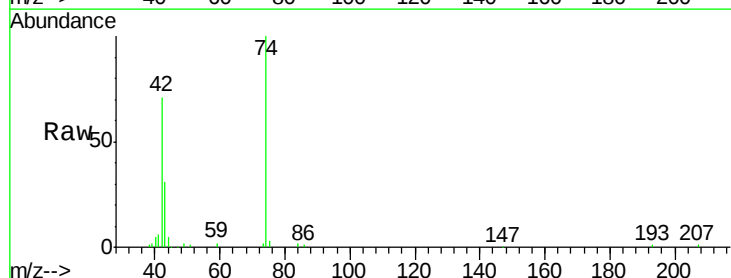
Tgt Ion: 42 Resp: 154409

Ion Ratio Lower Upper

42 100

74 140.1 108.6 163.0

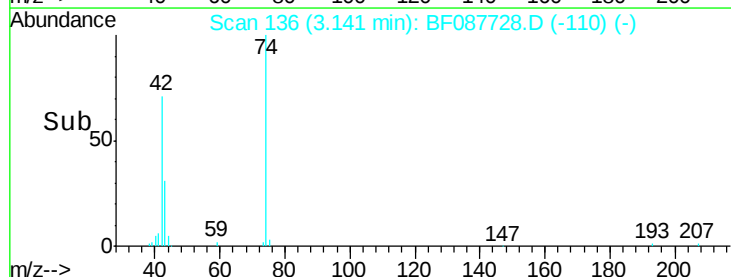
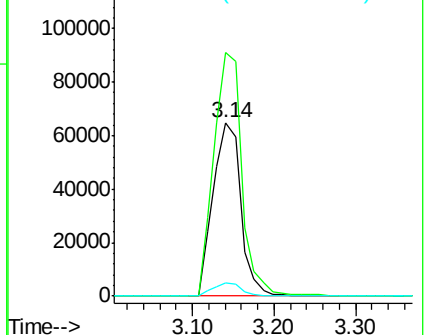
44 7.5 5.5 8.3

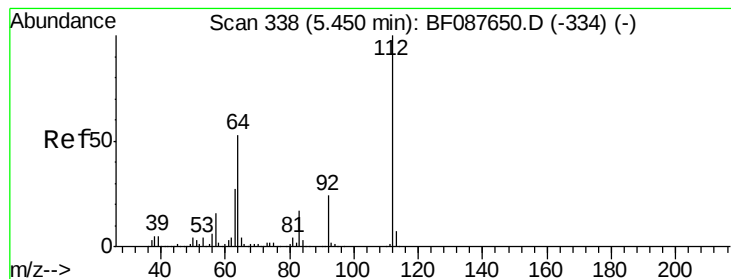


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 75.35 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

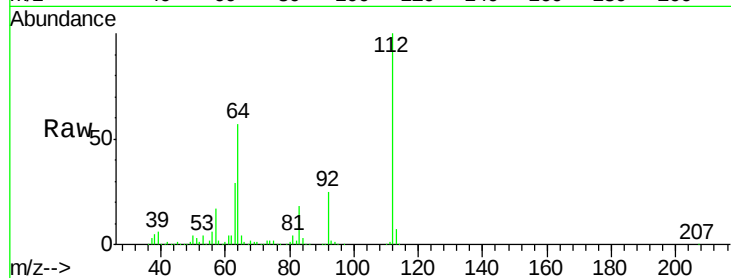
Tgt Ion: 112 Resp: 551594

Ion Ratio Lower Upper

112 100

64 56.7 42.2 63.2

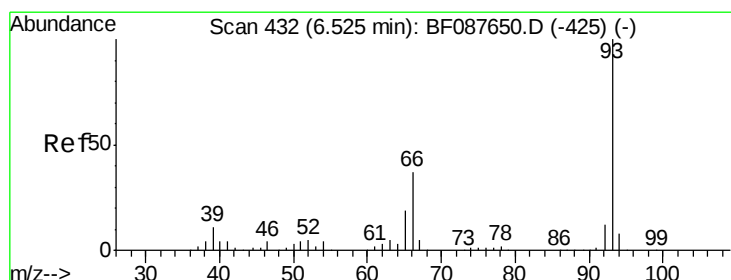
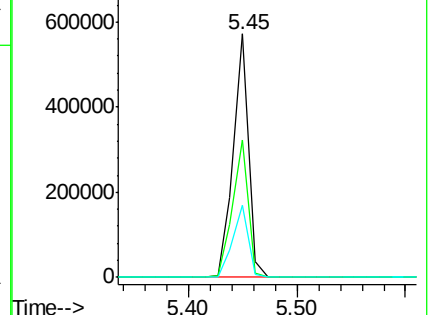
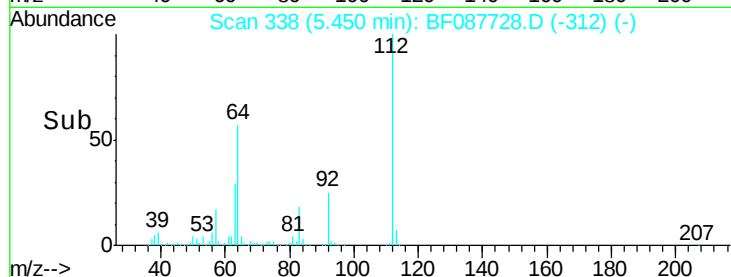
63 29.5 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.94 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

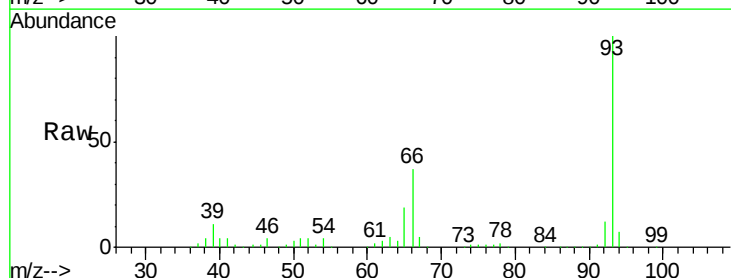
Tgt Ion: 93 Resp: 506733

Ion Ratio Lower Upper

93 100

66 37.0 29.8 44.8

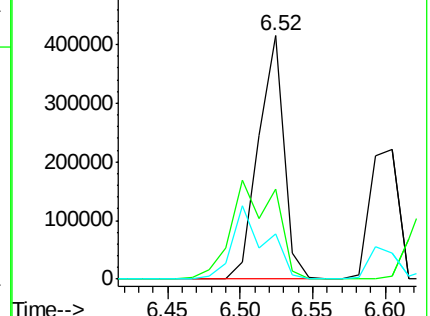
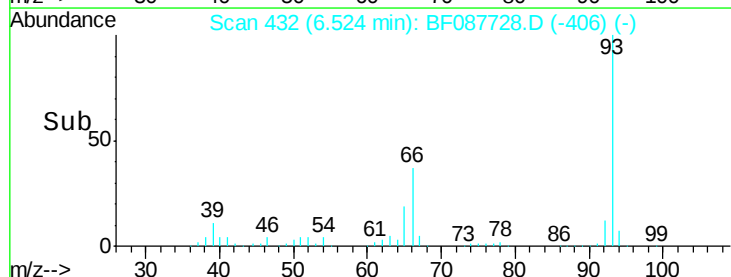
65 18.7 14.9 22.3

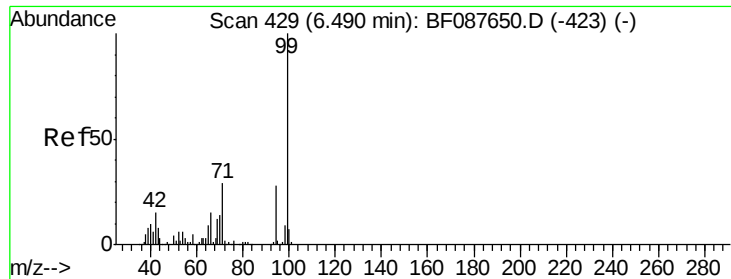


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 74.24 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

Instrument :

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ClientSampleId :

SSTDCCC040EC

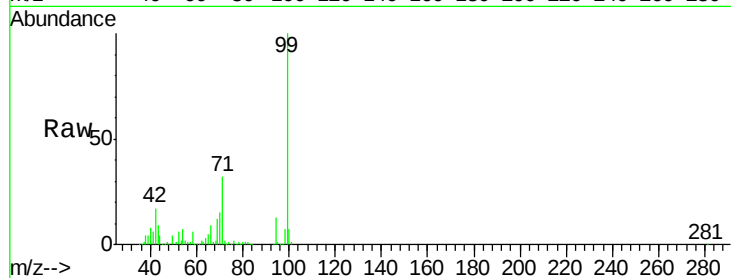
Tgt Ion: 99 Resp: 681633

Ion Ratio Lower Upper

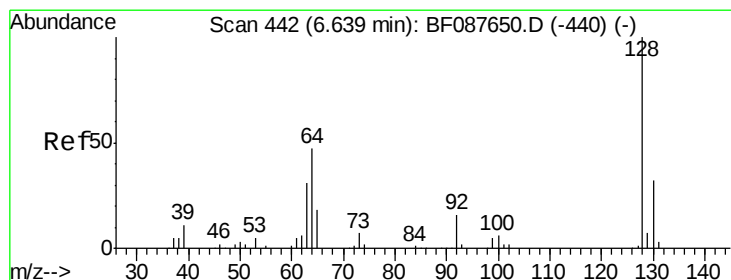
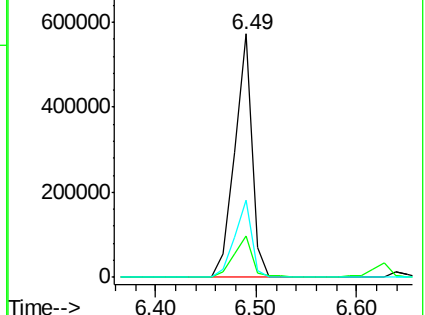
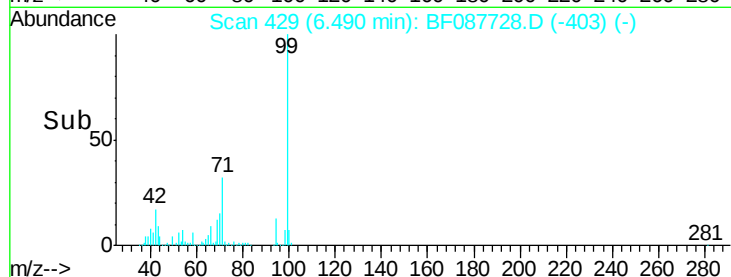
99 100

42 17.3 12.2 18.2

71 32.0 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: 38.19 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

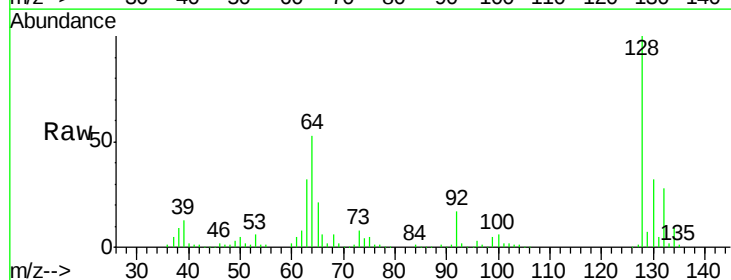
Tgt Ion: 128 Resp: 321732

Ion Ratio Lower Upper

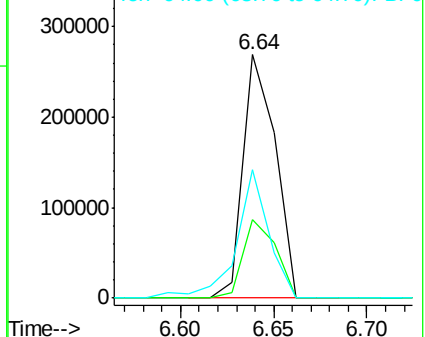
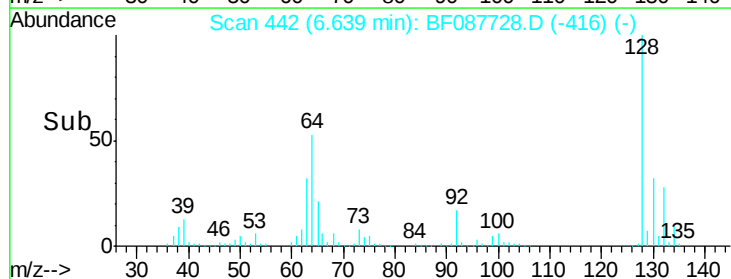
128 100

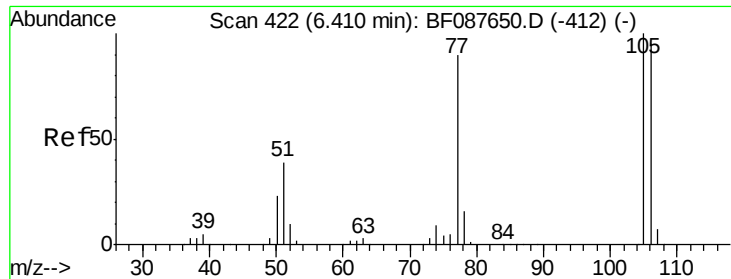
130 32.1 12.0 52.0

64 52.7 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: 36.57 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

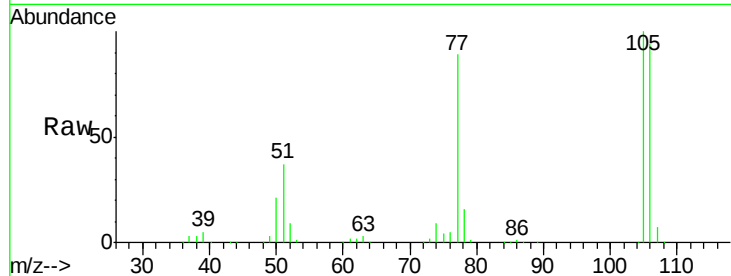
Tgt Ion: 77 Resp: 226983

Ion Ratio Lower Upper

77 100

105 112.5 90.6 130.6

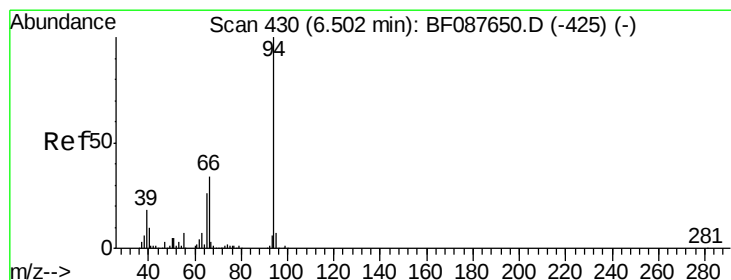
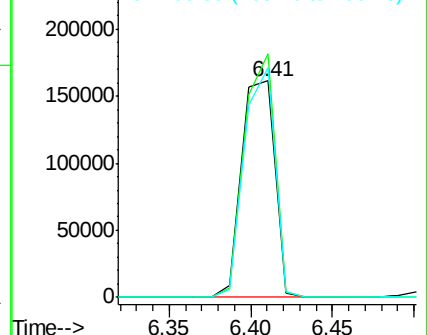
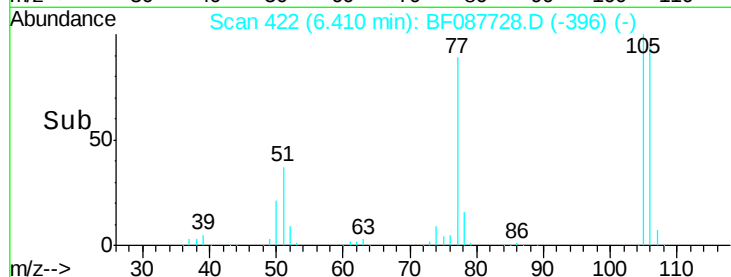
106 106.3 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.12 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

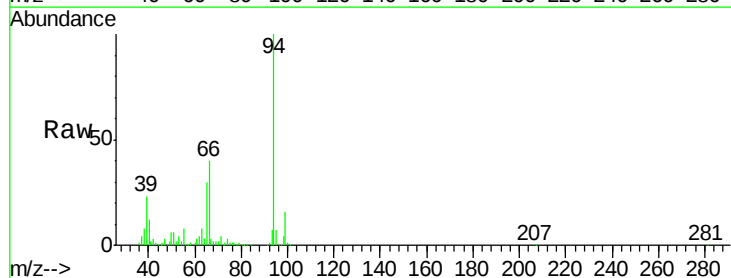
Tgt Ion: 94 Resp: 398518

Ion Ratio Lower Upper

94 100

65 29.7 5.9 45.9

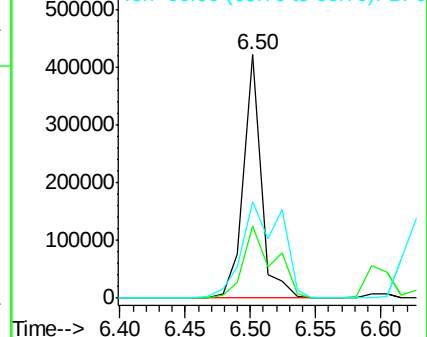
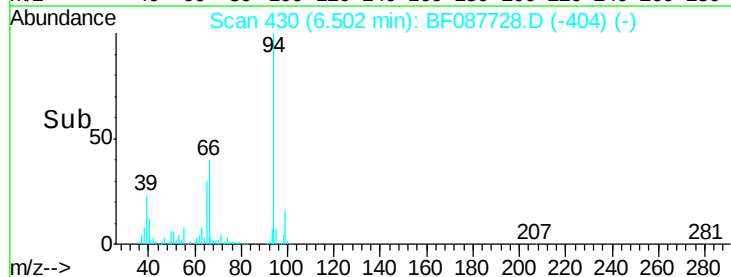
66 39.8 14.0 54.0

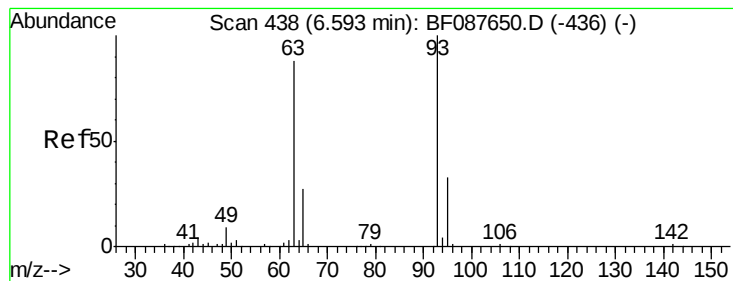


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

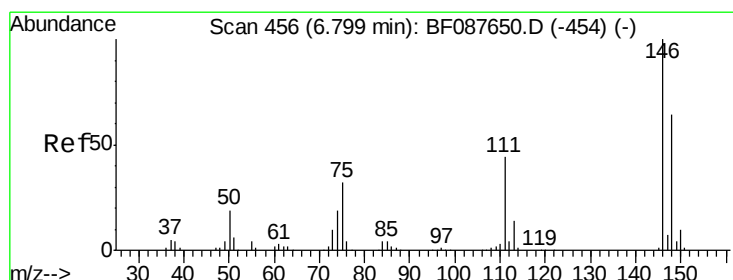
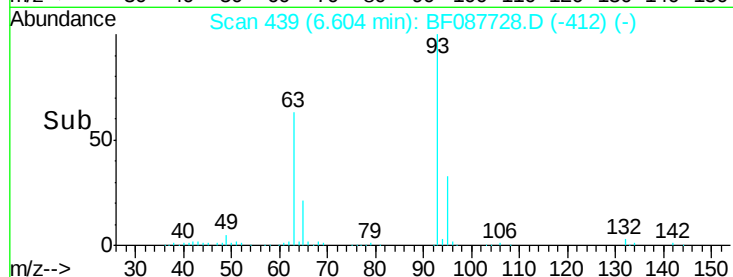
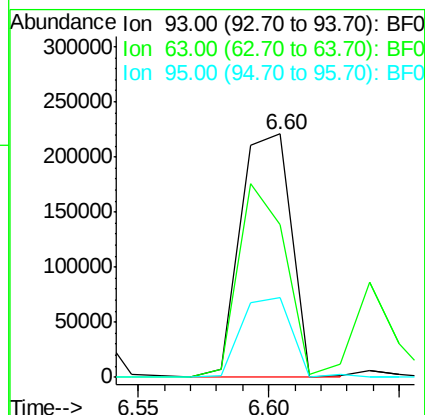
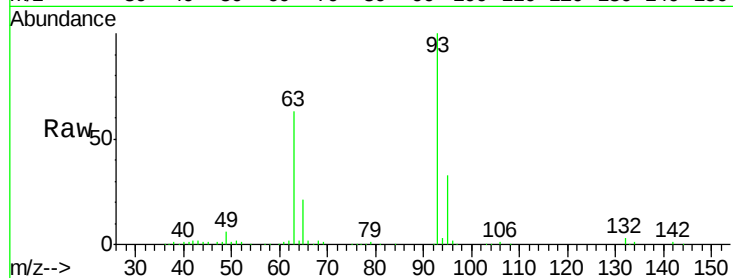




#11
bis(2-Chloroethyl)ether
Concen: 39.41 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.01 min
Lab File: BF087728.D
Acq: 6 Jun 2016 1:22

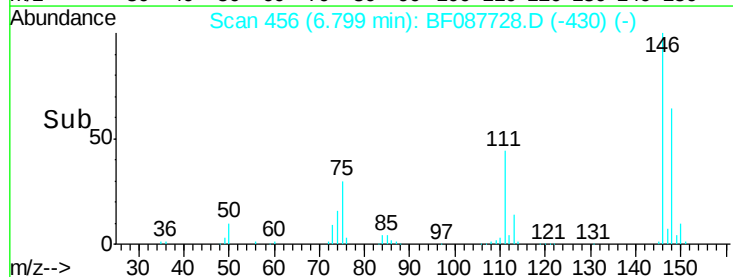
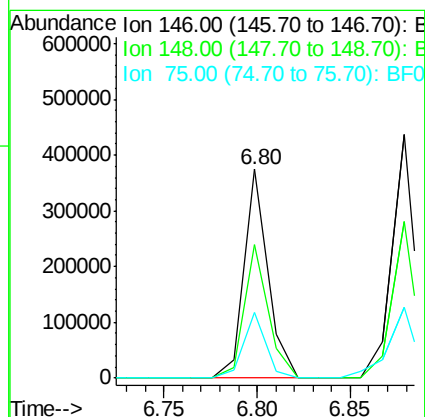
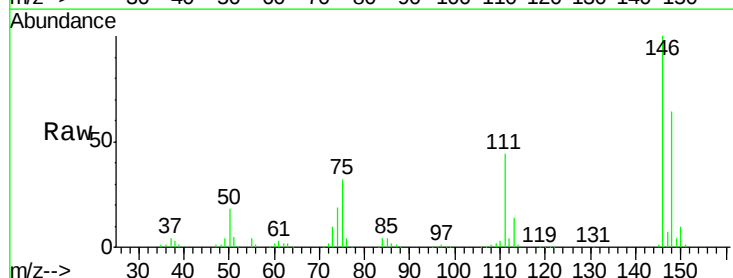
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

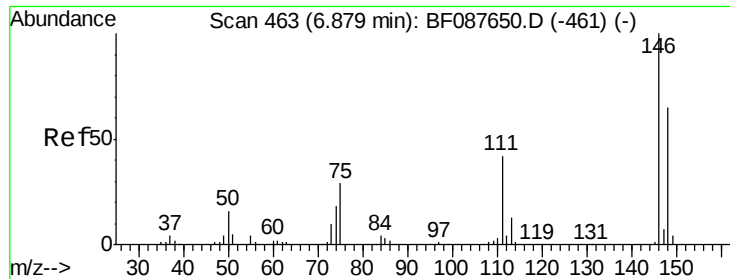
Tgt Ion: 93 Resp: 299383
Ion Ratio Lower Upper
93 100
63 62.9 67.6 107.6#
95 32.9 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 36.97 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF087728.D
Acq: 6 Jun 2016 1:22

Tgt Ion: 146 Resp: 333433
Ion Ratio Lower Upper
146 100
148 63.9 50.9 76.3
75 31.6 25.6 38.4

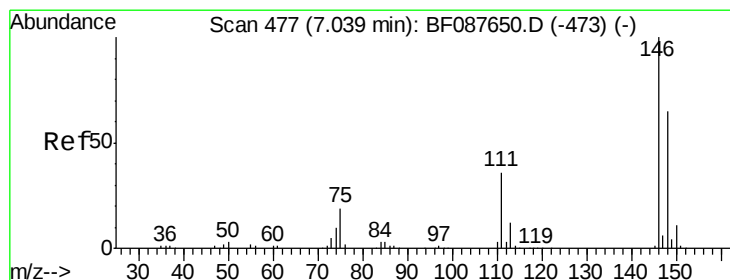
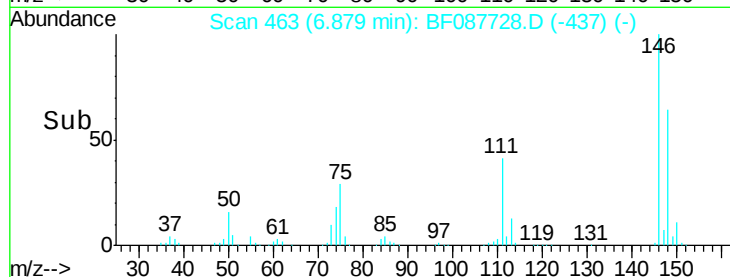
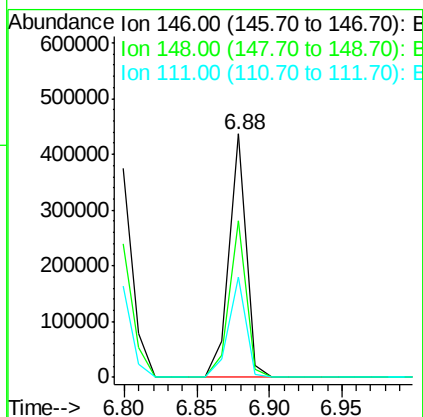
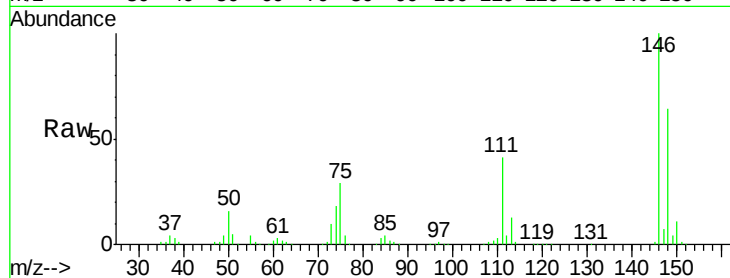




#13
 1,4-Dichlorobenzene
 Concen: 39.71 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

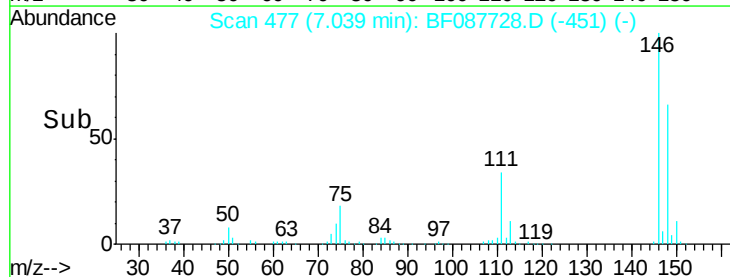
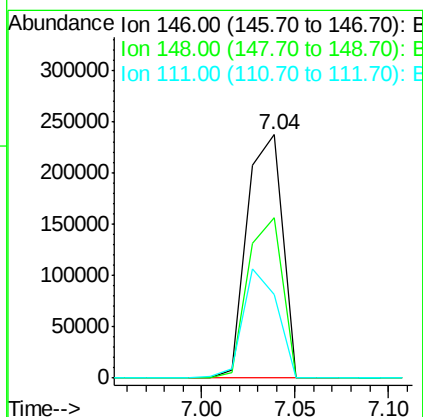
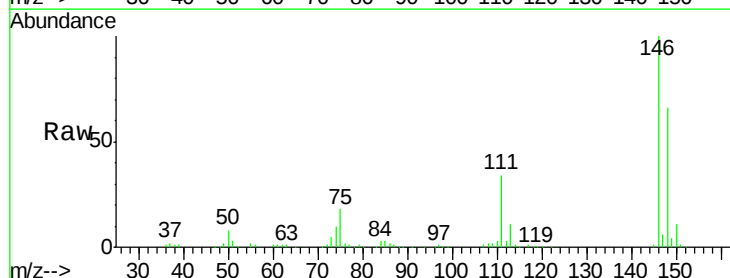
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

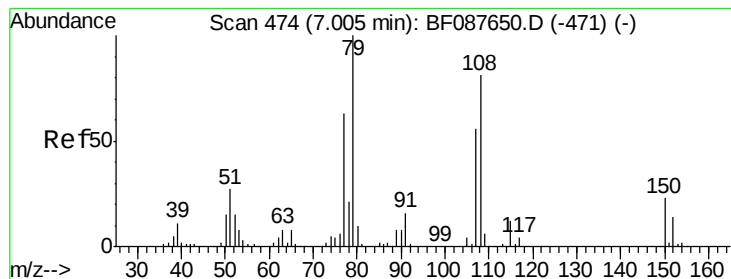
Tgt Ion:146 Resp: 359429
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.0 78.0
 111 41.0 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 36.62 ng
 RT: 7.04 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

Tgt Ion:146 Resp: 310721
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.3 78.5
 111 34.4 28.7 43.1





#15

Benzyl Alcohol

Concen: 37.59 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

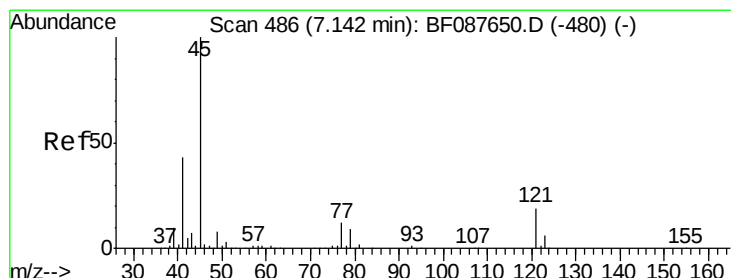
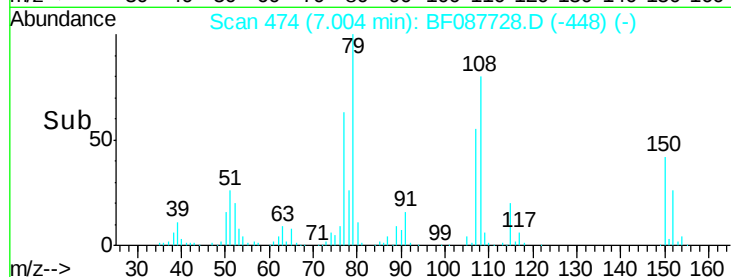
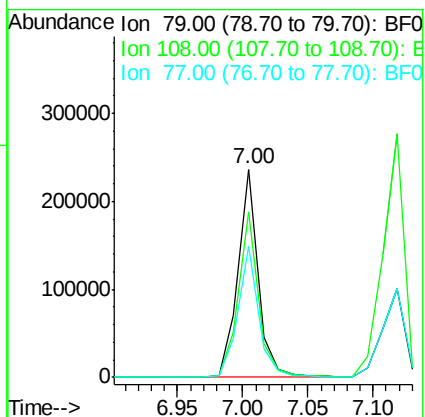
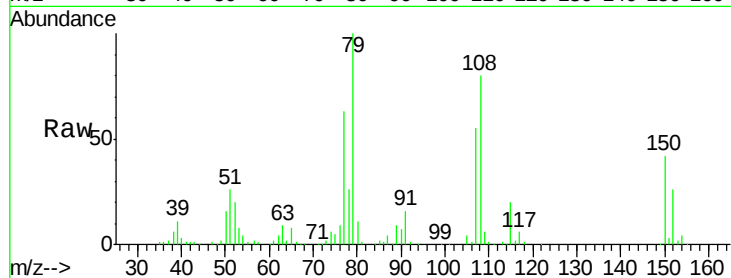
Tgt Ion: 79 Resp: 254958

Ion Ratio Lower Upper

79 100

108 79.9 65.0 97.6

77 63.3 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.94 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

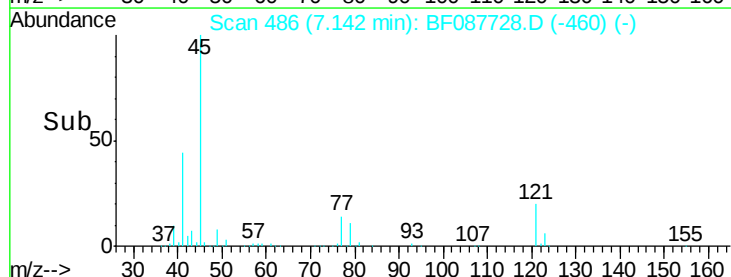
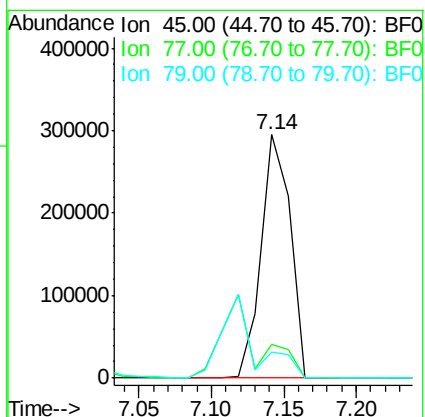
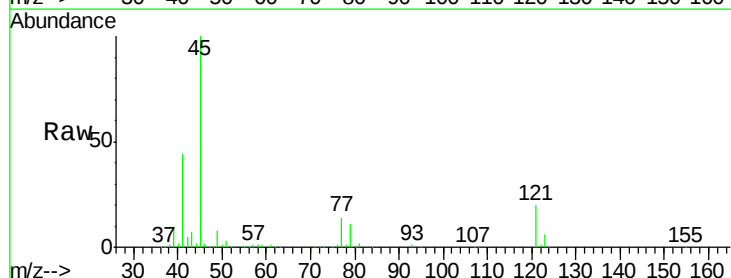
Tgt Ion: 45 Resp: 409151

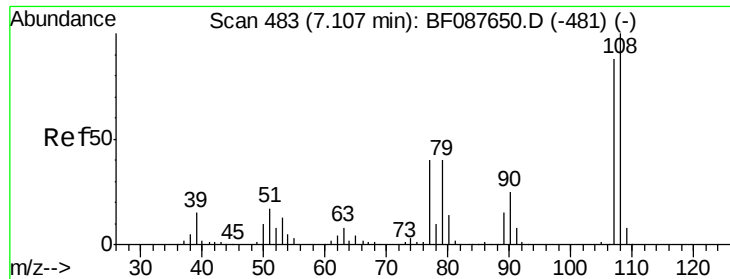
Ion Ratio Lower Upper

45 100

77 13.8 0.0 32.5

79 10.5 0.0 29.5

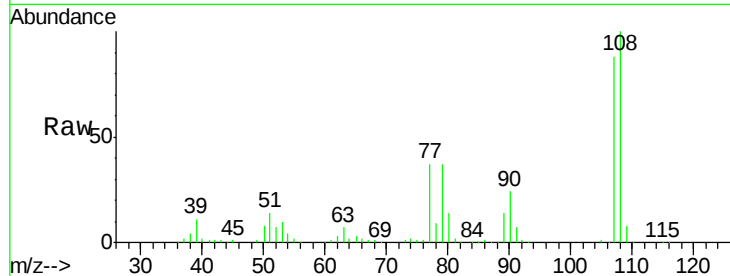




#17
2-Methylphenol
Concen: 40.45 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF087728.D
Acq: 6 Jun 2016 1:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.8	90.9	136.3
77	41.6	36.6	55.0
79	41.6	36.5	54.7



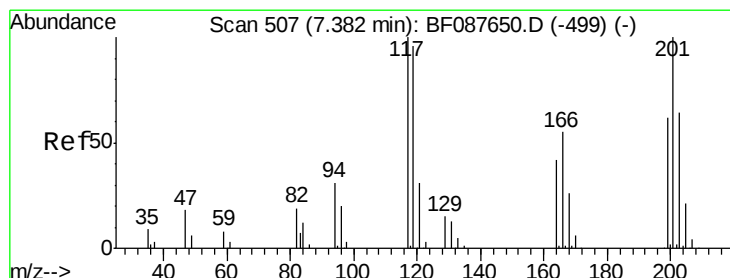
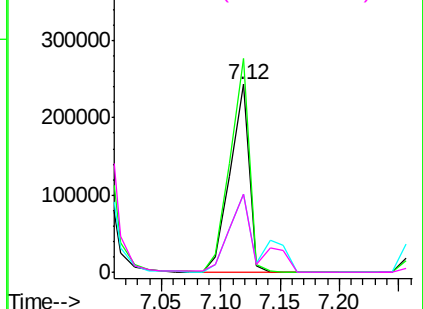
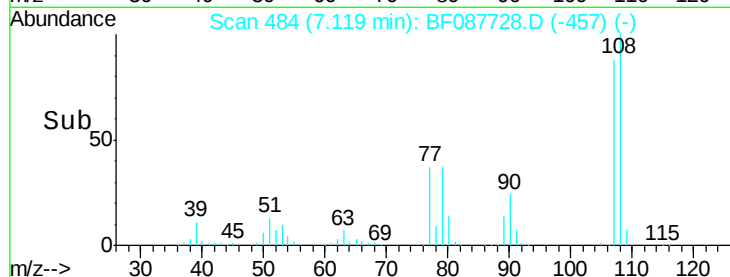
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

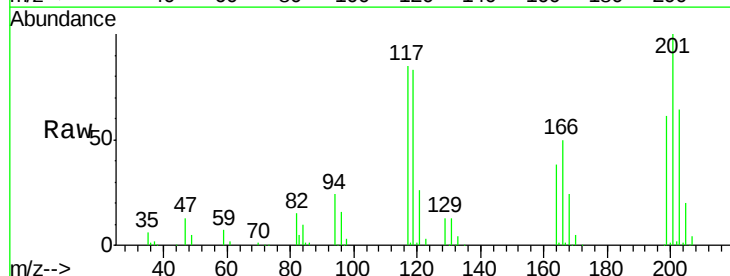
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 39.40 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF087728.D
Acq: 6 Jun 2016 1:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.4	116.2
201	118.3	80.4	120.6

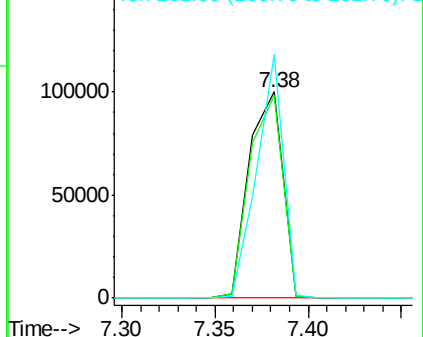
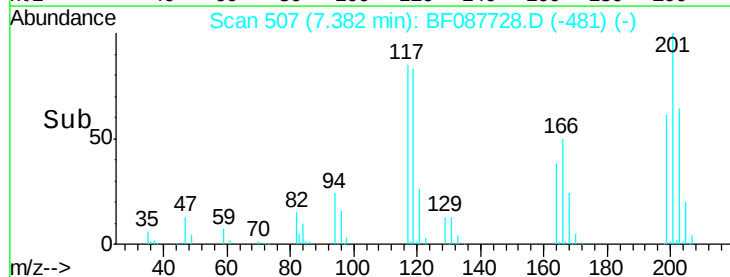


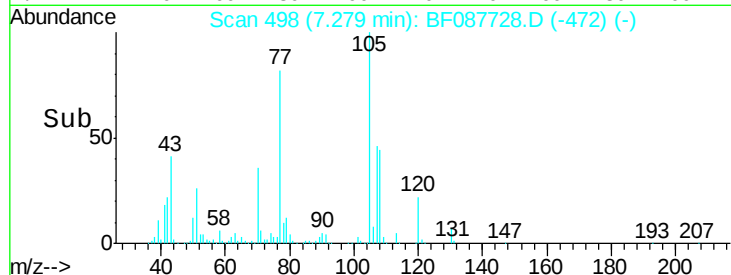
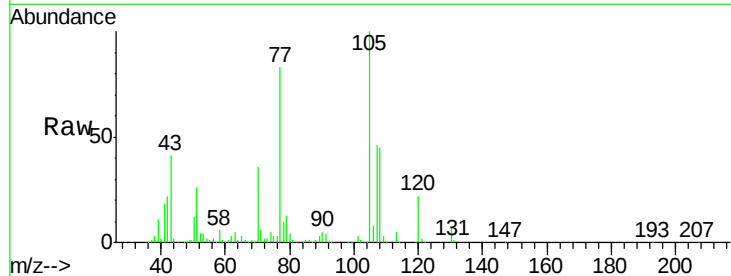
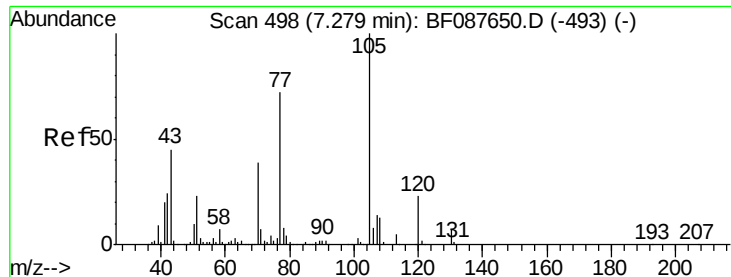
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

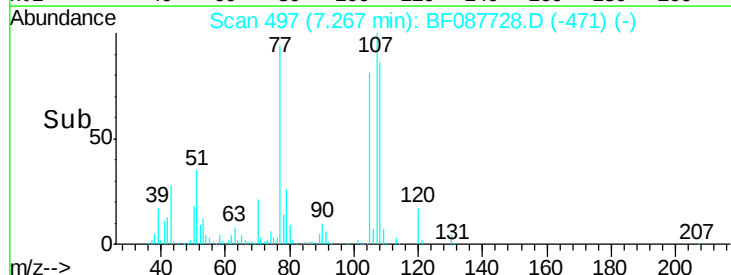
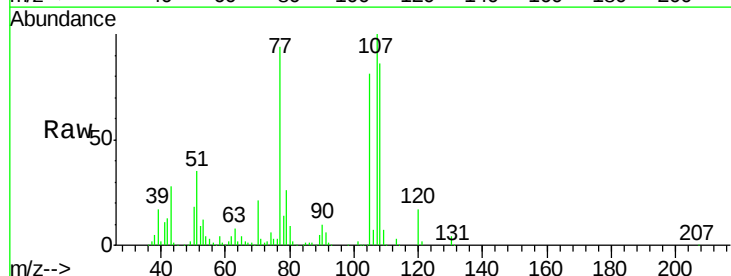
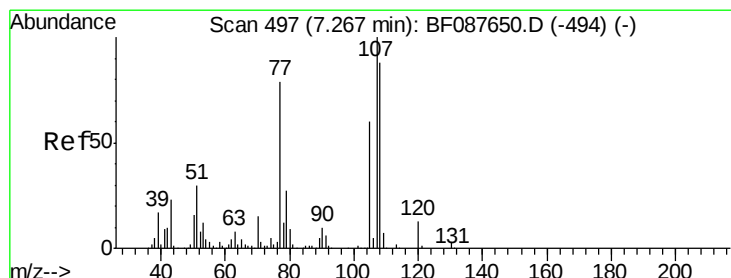
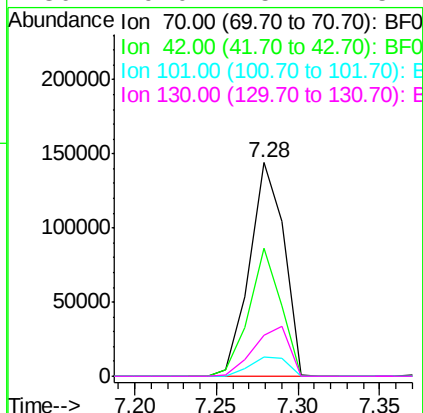




#19
n-Nitroso-di-n-propylamine
Concen: 36.82 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF087728.D
Acq: 6 Jun 2016 1:22

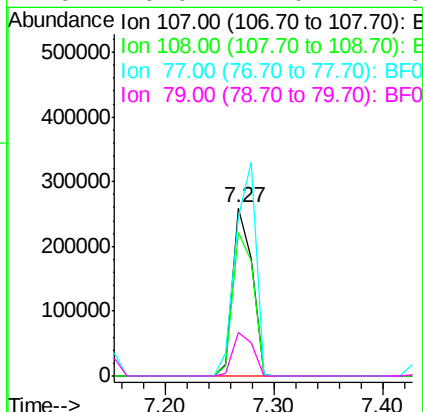
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

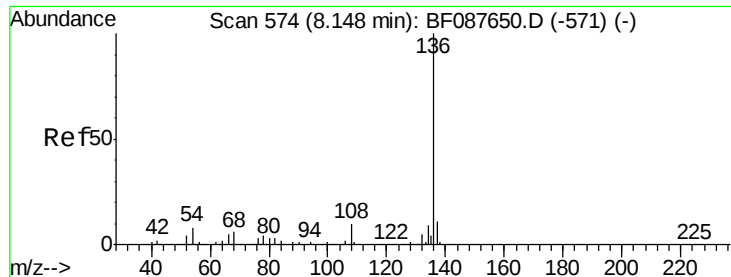
Tgt Ion:	70	Resp:	211112
Ion	Ratio	Lower	Upper
70	100		
42	59.7	49.6	74.4
101	9.2	7.1	10.7
130	19.0	15.4	23.2



#20
3+4-Methylphenols
Concen: 38.51 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF087728.D
Acq: 6 Jun 2016 1:22

Tgt Ion:	107	Resp:	319135
Ion	Ratio	Lower	Upper
107	100		
108	85.6	67.8	107.8
77	94.4	59.3	99.3
79	26.0	7.0	47.0

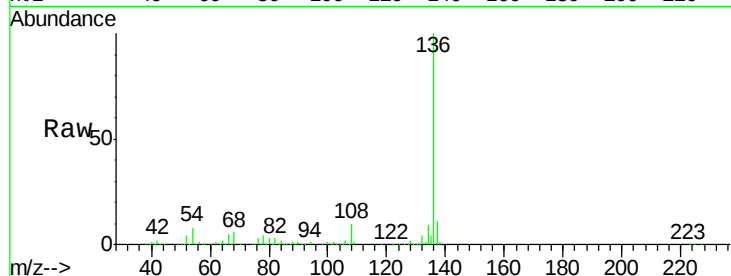




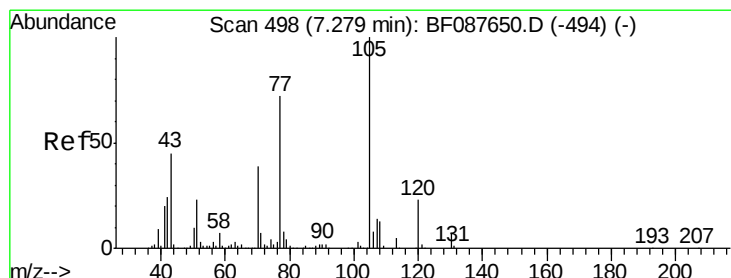
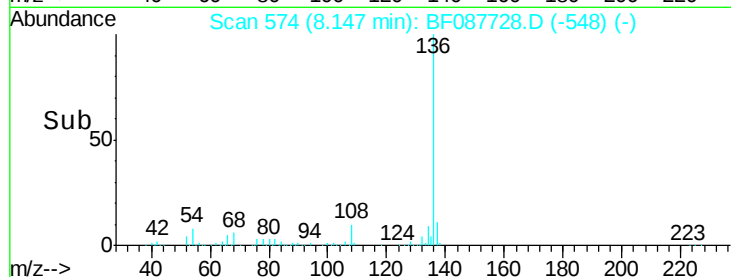
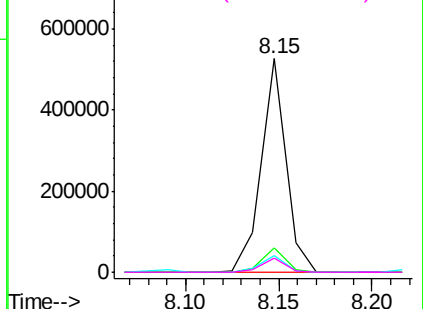
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087728.D
Acq: 6 Jun 2016 1:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	136	Resp:	479285
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	8.0	6.6	10.0
68	6.3	5.1	7.7

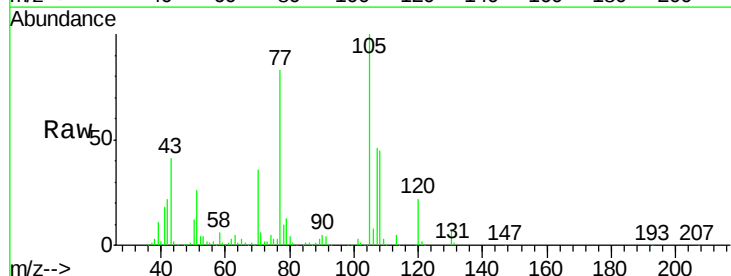


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

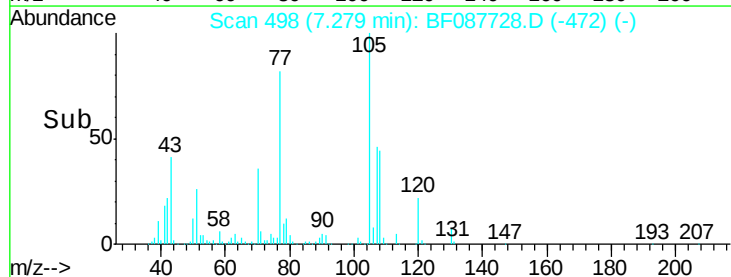
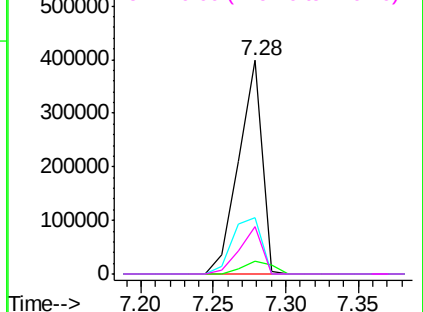


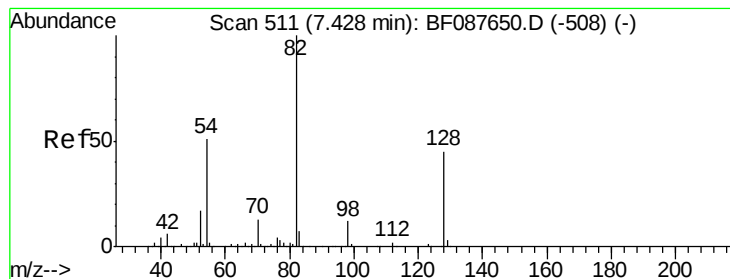
#22
Acetophenone
Concen: 40.98 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF087728.D
Acq: 6 Jun 2016 1:22

Tgt Ion:	105	Resp:	444818
Ion Ratio	Lower	Upper	
105	100		
71	6.0	5.3	7.9
51	26.5	18.2	27.4
120	22.3	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 75.90 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

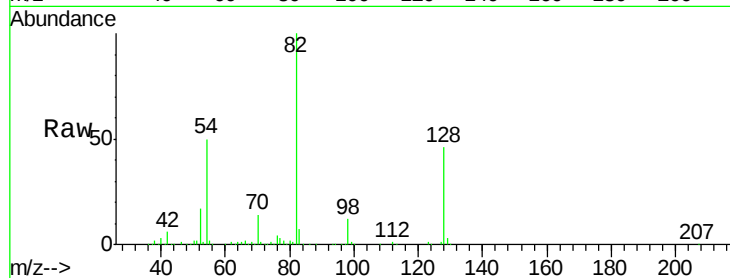
Tgt Ion: 82 Resp: 628754

Ion Ratio Lower Upper

82 100

128 45.7 35.9 53.9

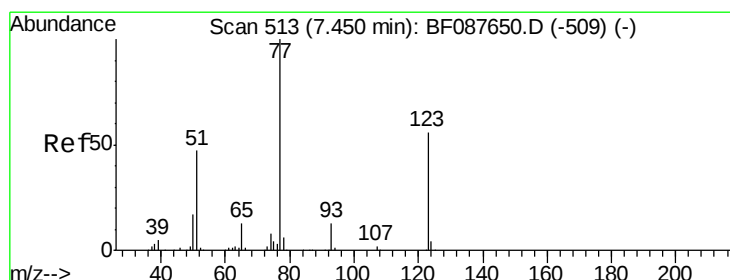
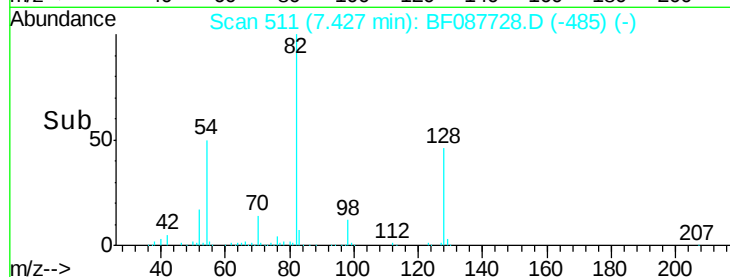
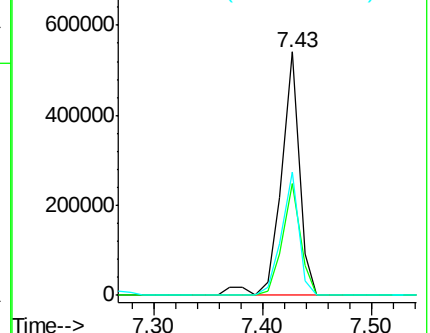
54 50.4 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 43.66 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

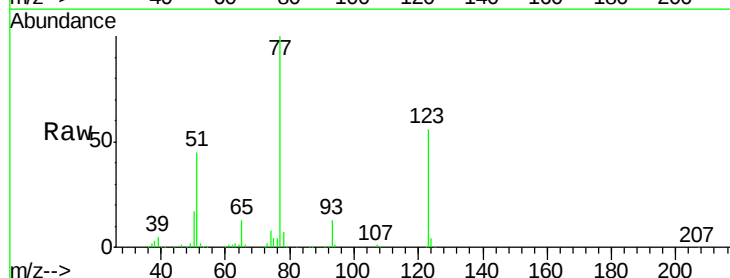
Tgt Ion: 77 Resp: 361982

Ion Ratio Lower Upper

77 100

123 56.0 45.0 67.4

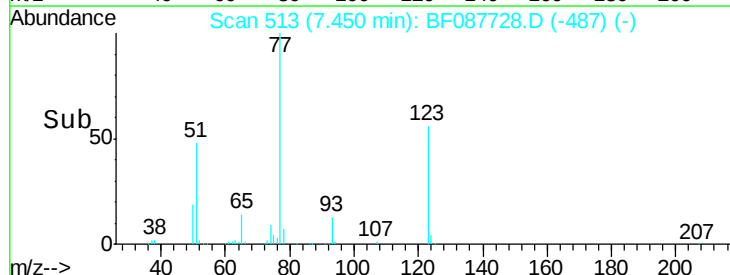
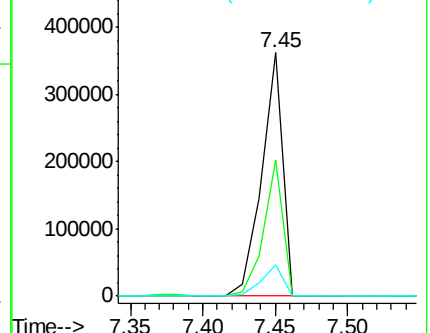
65 12.8 10.2 15.2

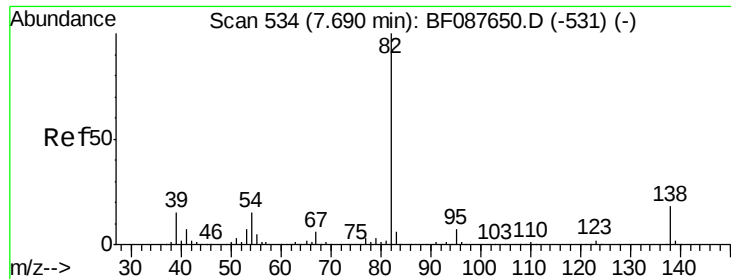


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.55 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

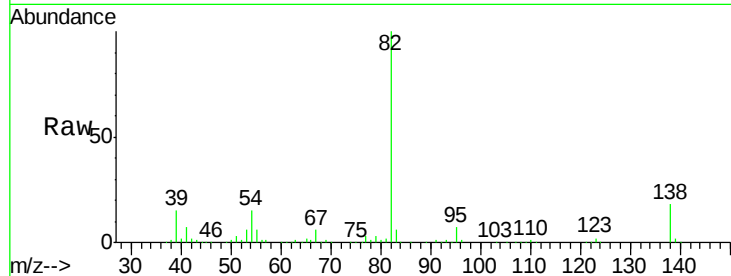
Tgt Ion: 82 Resp: 596504

Ion Ratio Lower Upper

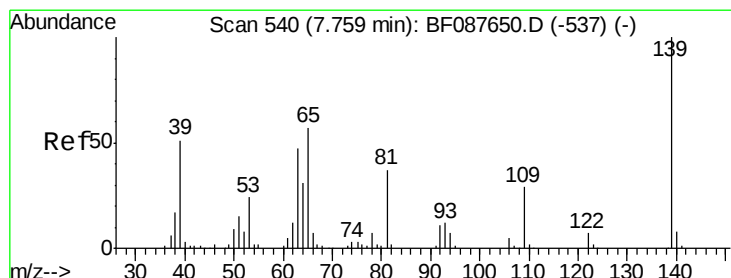
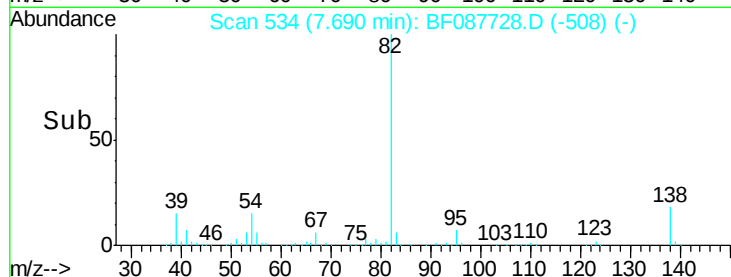
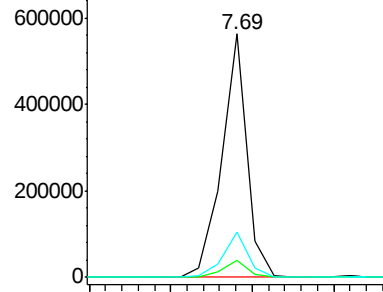
82 100

95 7.0 5.4 8.2

138 18.3 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.03 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

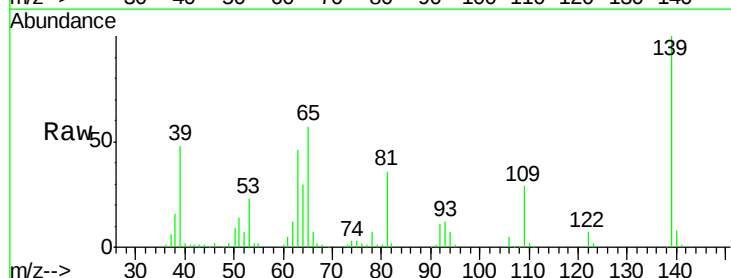
Tgt Ion: 139 Resp: 158074

Ion Ratio Lower Upper

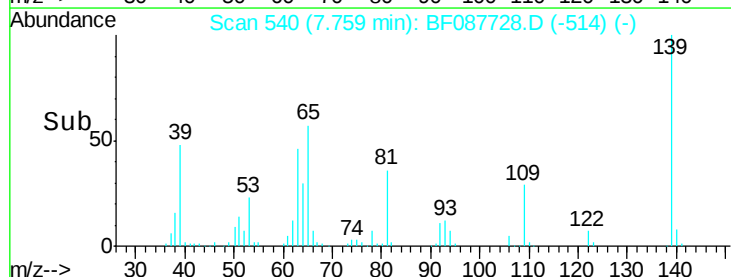
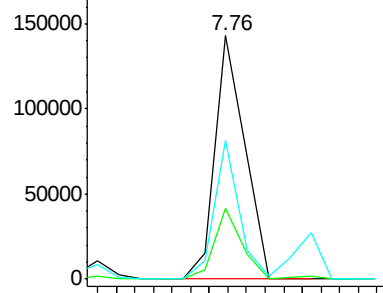
139 100

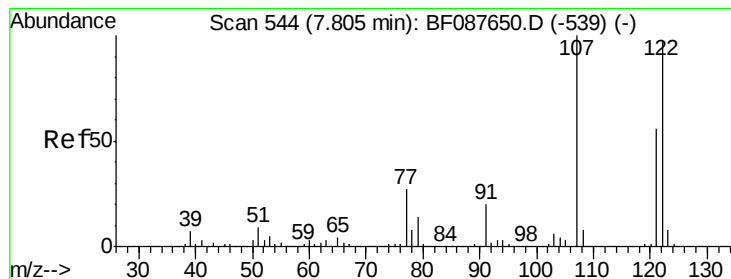
109 29.2 23.0 34.4

65 56.9 45.8 68.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 41.27 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

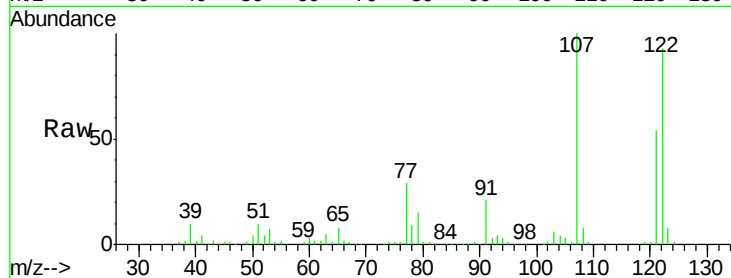
Tgt Ion: 122 Resp: 329507

Ion Ratio Lower Upper

122 100

107 107.9 82.4 123.6

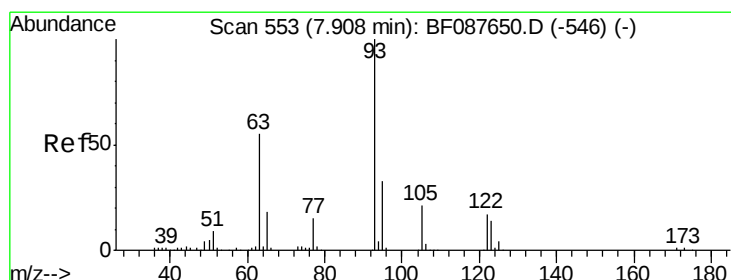
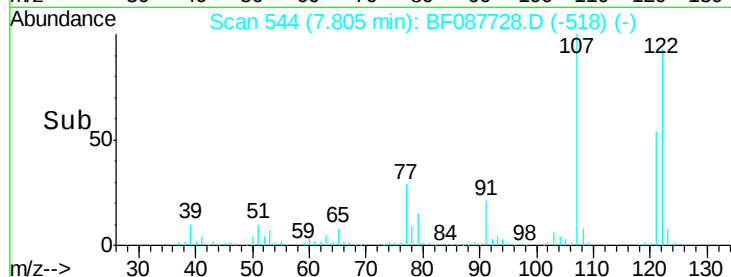
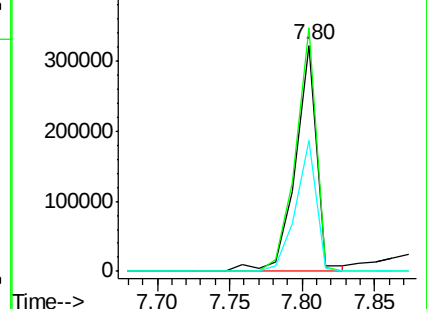
121 58.2 46.3 69.5



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: 38.01 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

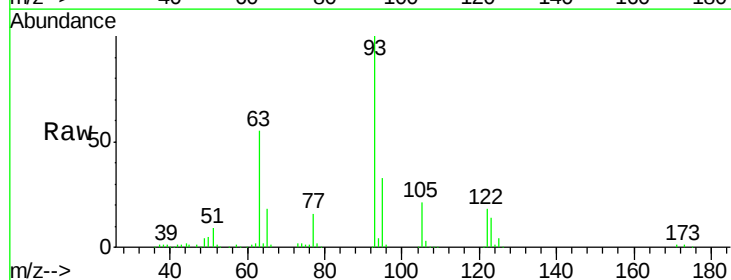
Tgt Ion: 93 Resp: 363623

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

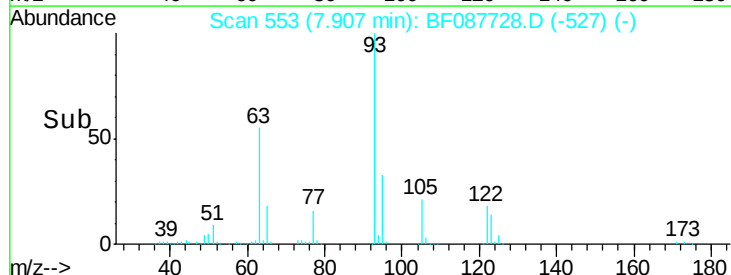
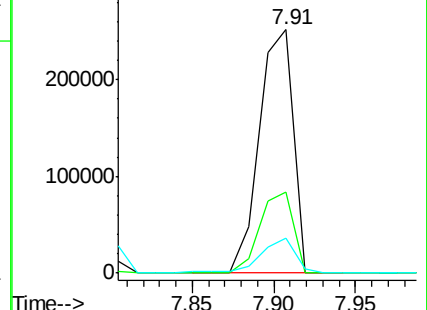
123 14.4 11.6 17.4

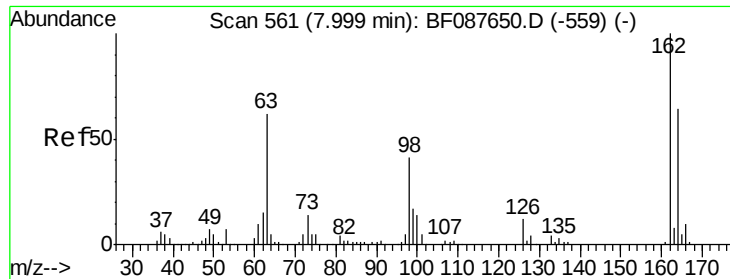


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

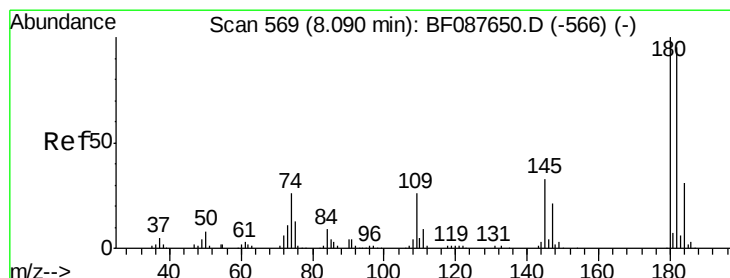
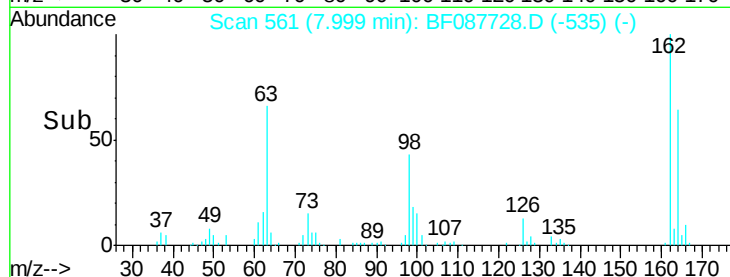
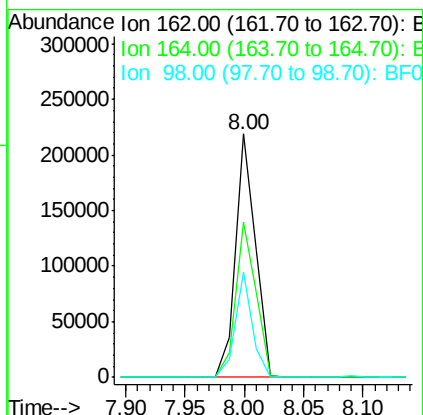
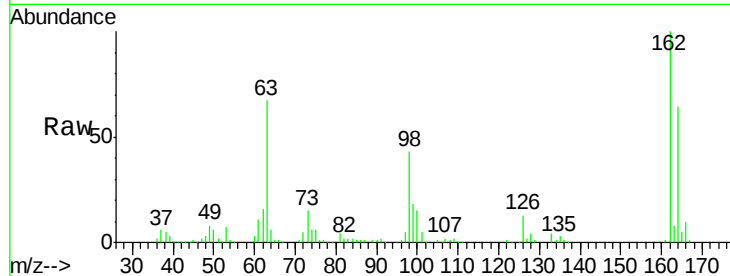




#29
 2,4-Dichlorophenol
 Concen: 39.02 ng
 RT: 8.00 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

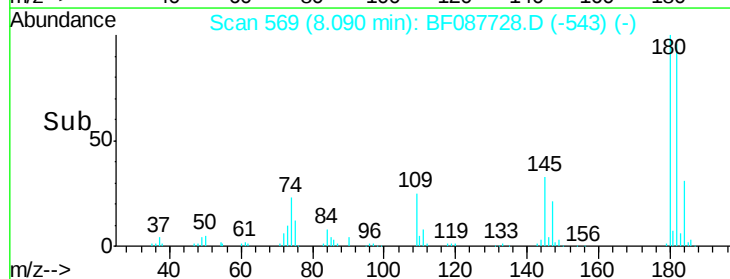
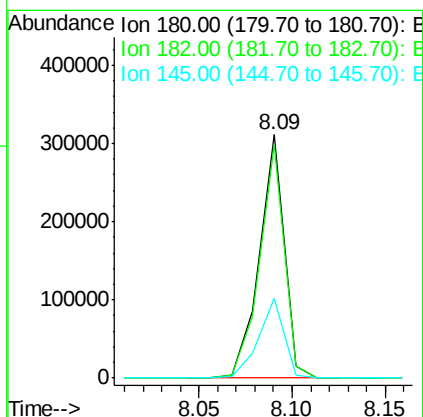
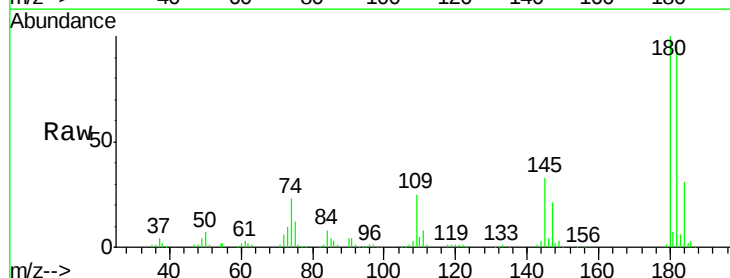
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

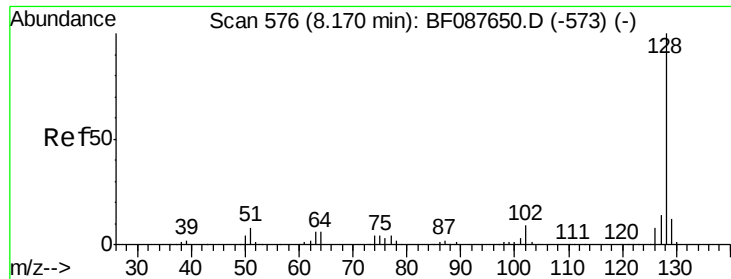
Tgt Ion:162 Resp: 255830
 Ion Ratio Lower Upper
 162 100
 164 63.7 43.8 83.8
 98 43.1 21.3 61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 41.48 ng
 RT: 8.09 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

Tgt Ion:180 Resp: 284827
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.0 114.0
 145 32.6 26.5 39.7

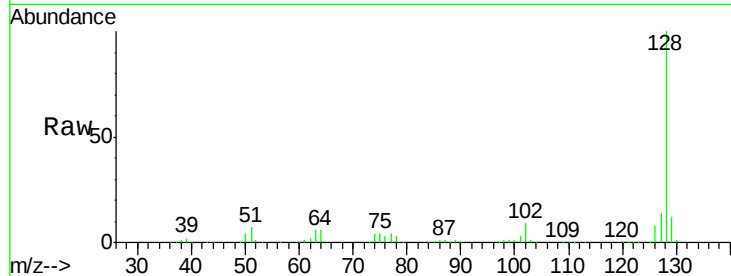




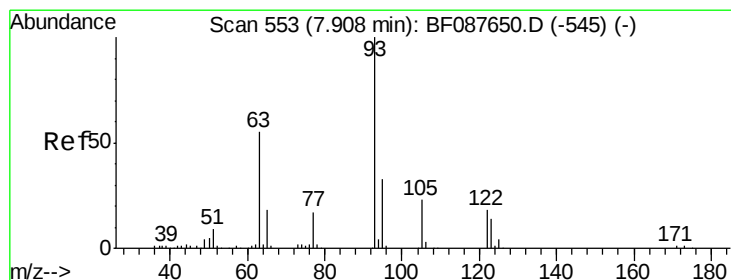
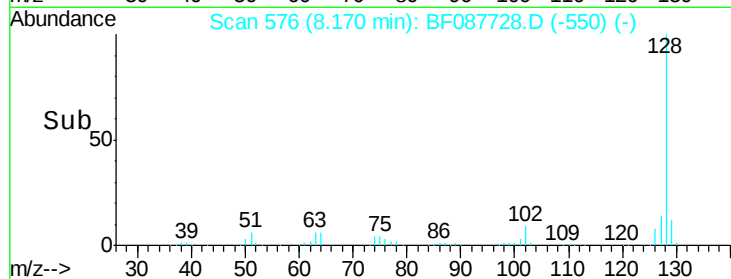
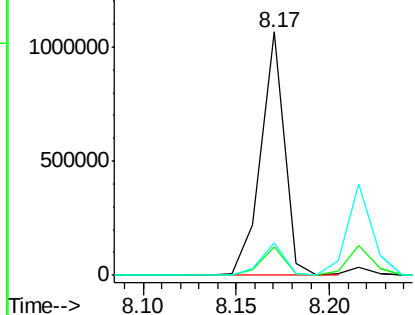
#31
Naphthalene
Concen: 39.91 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF087728.D
Acq: 6 Jun 2016 1:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 930086
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 13.6 10.9 16.3

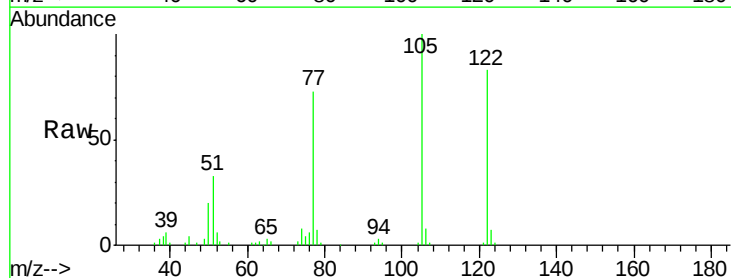


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

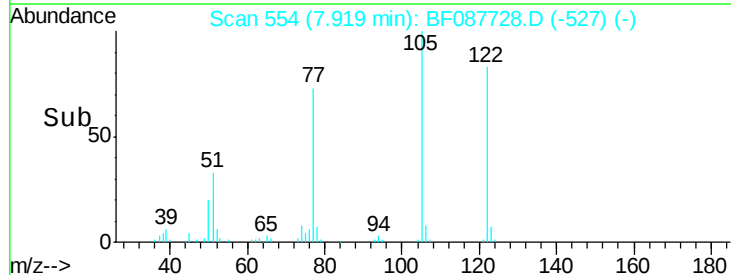
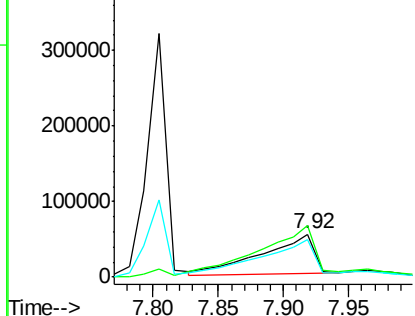


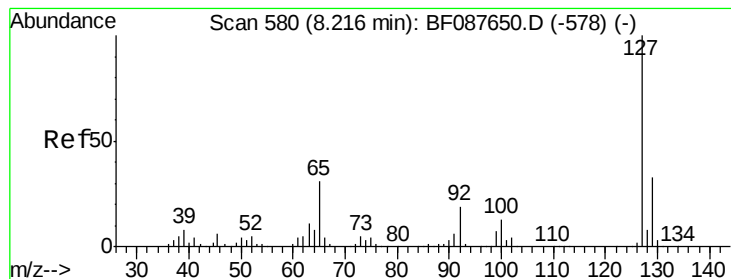
#32
Benzoic acid
Concen: 30.00 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF087728.D
Acq: 6 Jun 2016 1:22

Tgt Ion:122 Resp: 144508
Ion Ratio Lower Upper
122 100
105 119.8 101.6 141.6
77 87.2 70.6 110.6



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





#33

4-Chloroaniline

Concen: 37.90 ng

RT: 8.22 min Scan# 580

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:127 Resp: 383623

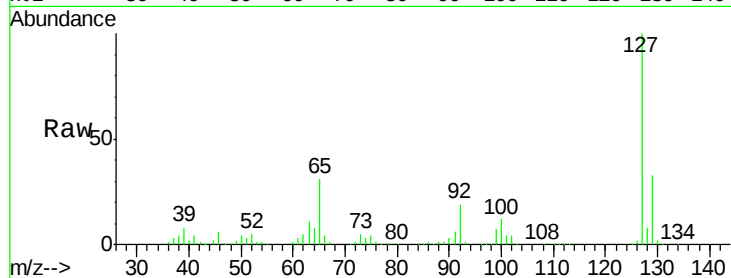
Ion Ratio Lower Upper

127 100

129 32.9 26.3 39.5

65 30.6 24.7 37.1

92 19.0 15.4 23.0

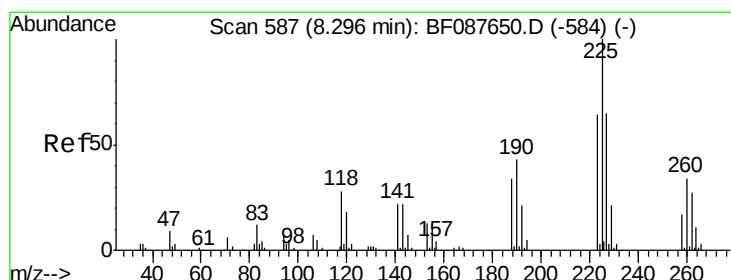
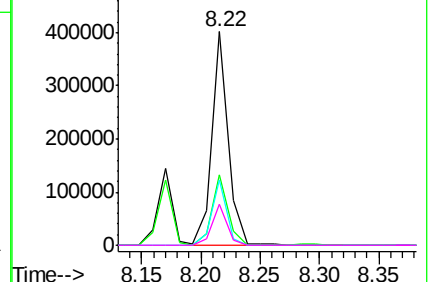
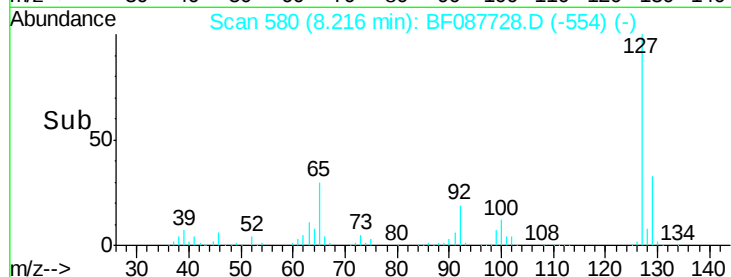


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.32 ng

RT: 8.30 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

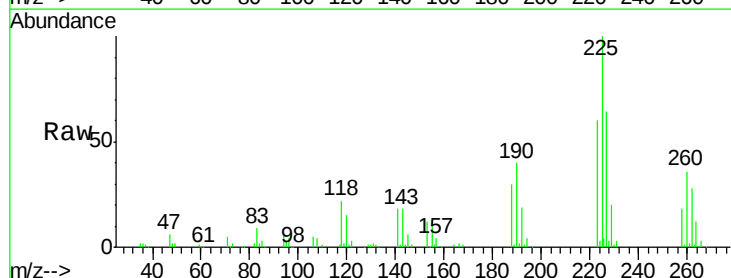
Tgt Ion:225 Resp: 143948

Ion Ratio Lower Upper

225 100

223 60.2 50.9 76.3

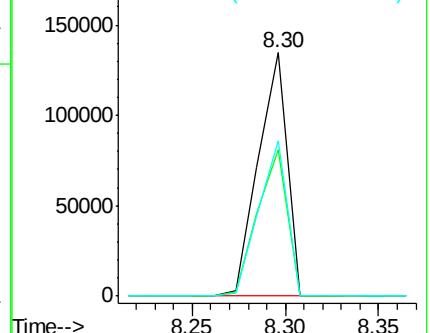
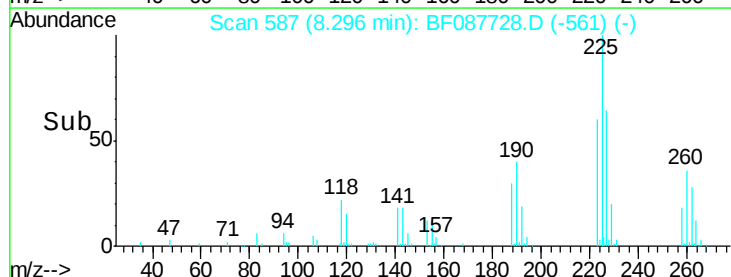
227 64.0 51.9 77.9

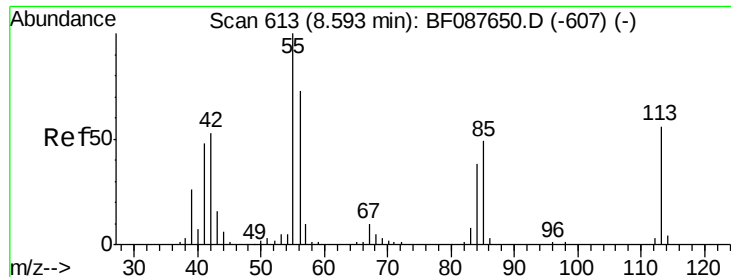


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

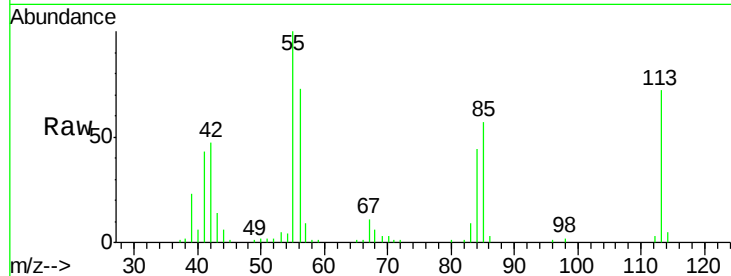




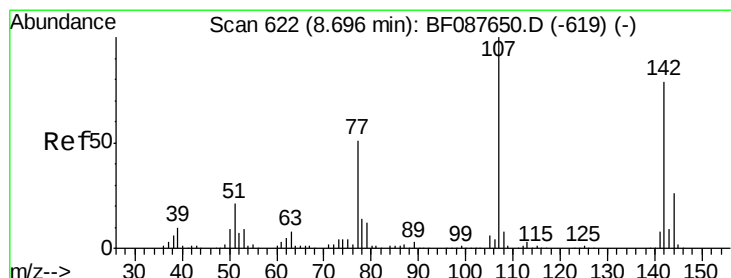
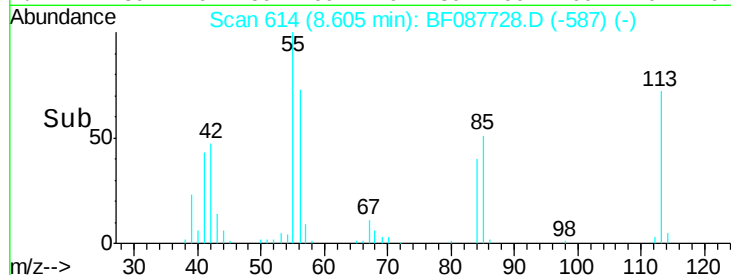
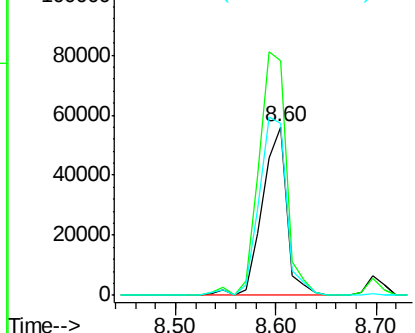
#35
 Caprolactam
 Concen: 43.81 ng
 RT: 8.60 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 94364
 Ion Ratio Lower Upper
 113 100
 55 139.3 158.6 198.6#
 56 101.6 110.6 150.6#

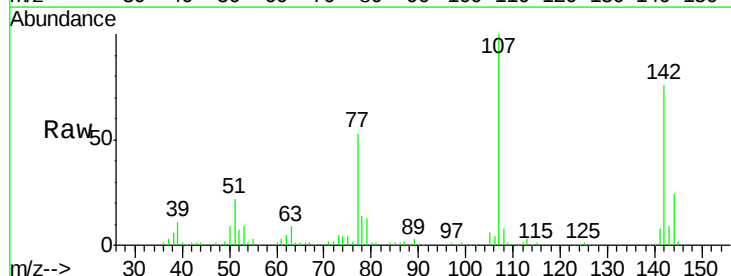


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

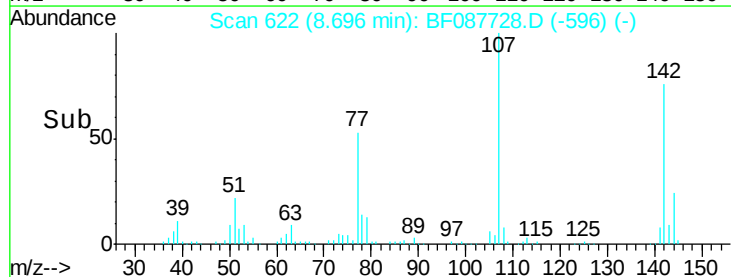
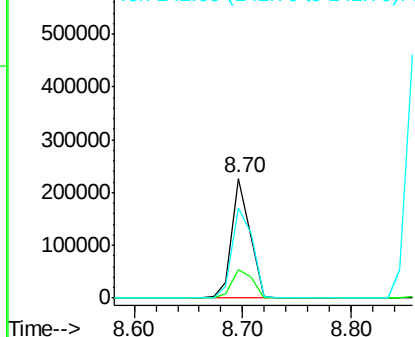


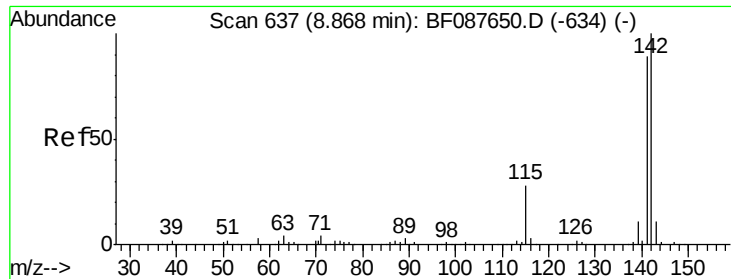
#36
 4-Chloro-3-methylphenol
 Concen: 38.32 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

Tgt Ion:107 Resp: 259938
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.8 31.2
 142 75.9 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

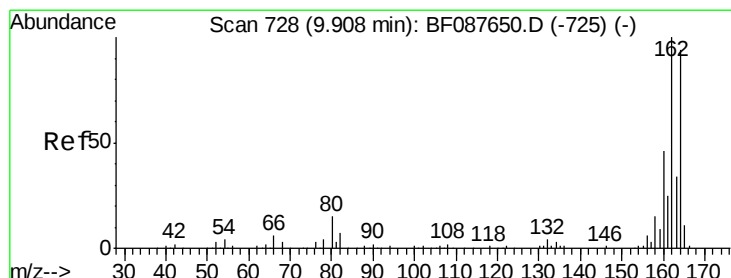
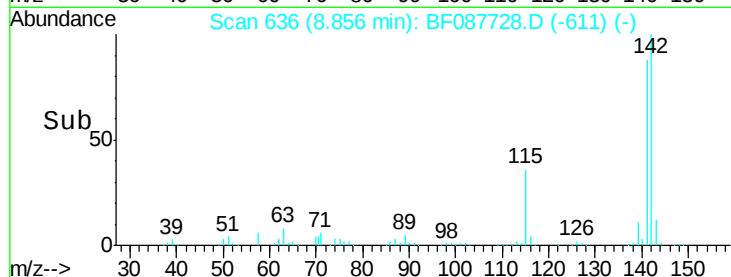
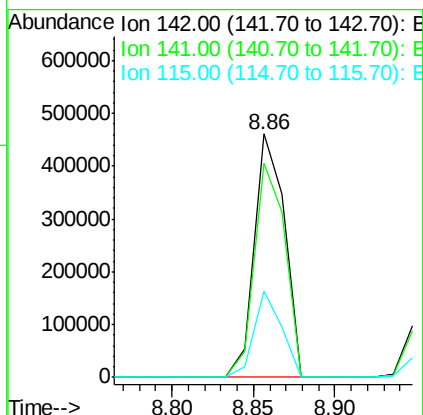
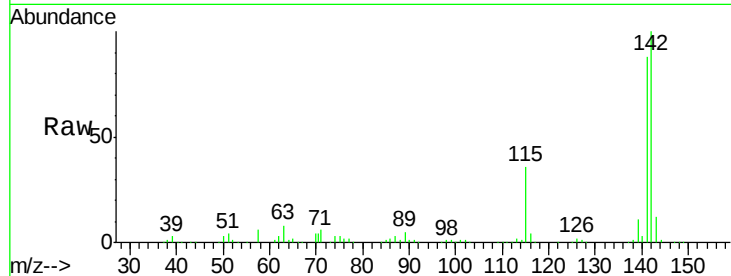




#37
 2-Methylnaphthalene
 Concen: 38.57 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

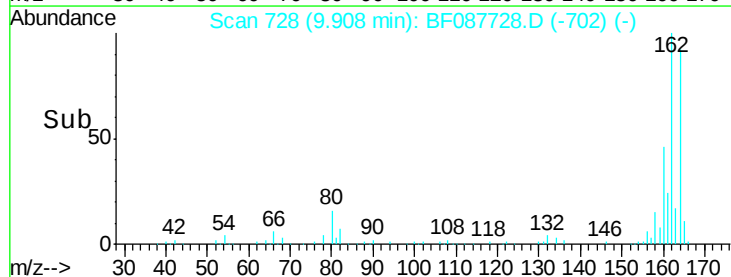
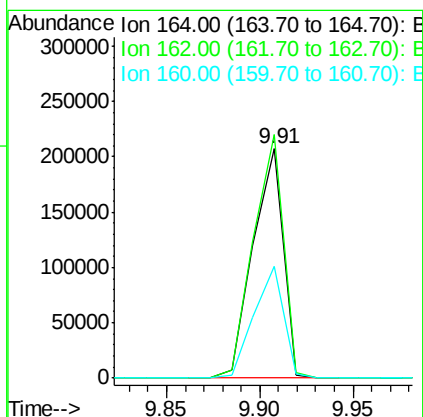
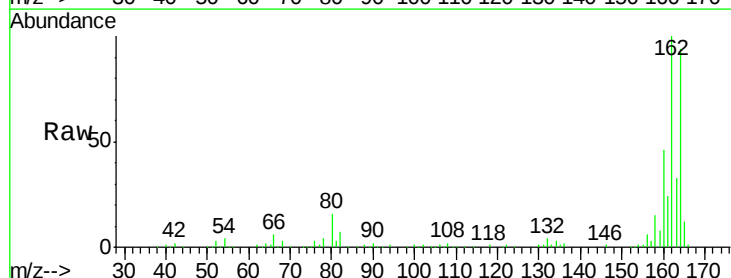
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

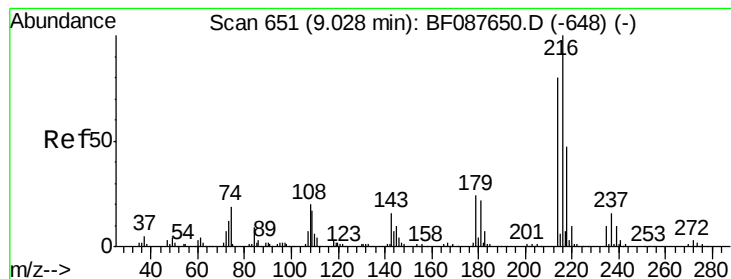
Tgt Ion:142 Resp: 593530
 Ion Ratio Lower Upper
 142 100
 141 88.1 71.0 106.6
 115 35.5 22.6 33.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

Tgt Ion:164 Resp: 230603
 Ion Ratio Lower Upper
 164 100
 162 106.3 85.4 128.2
 160 48.5 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.38 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 256602

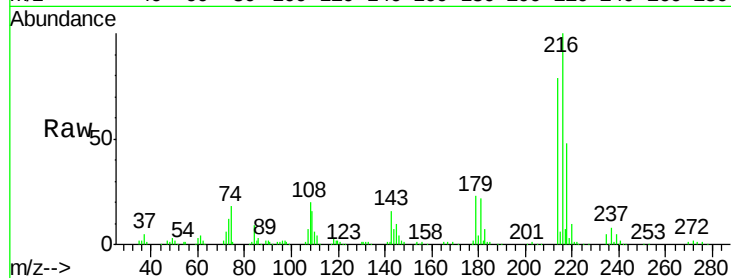
Ion Ratio Lower Upper

216 100

214 78.8 2.9 4.3#

179 22.9 0.0 0.0#

108 22.3 0.5 0.7#

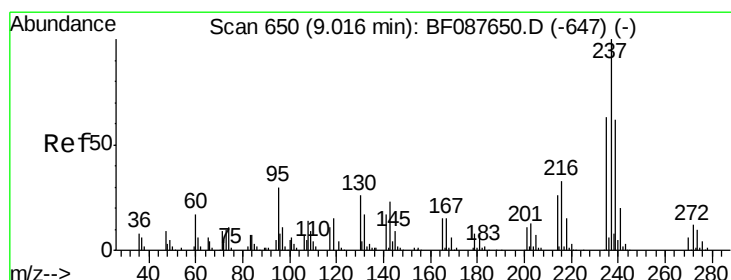
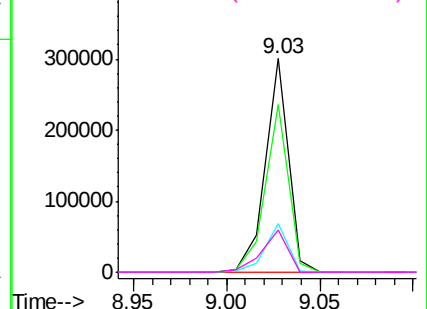
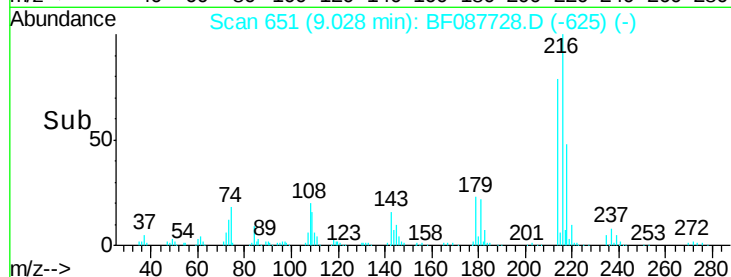


Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.07 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

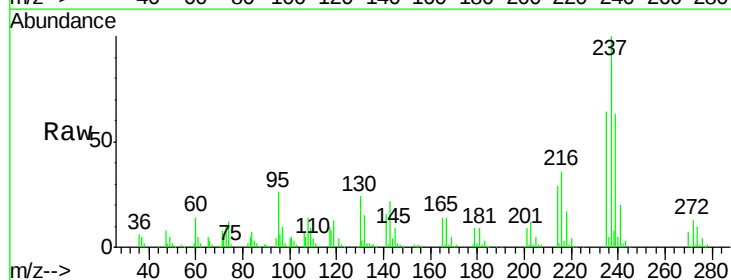
Tgt Ion:237 Resp: 131089

Ion Ratio Lower Upper

237 100

235 64.3 43.4 83.4

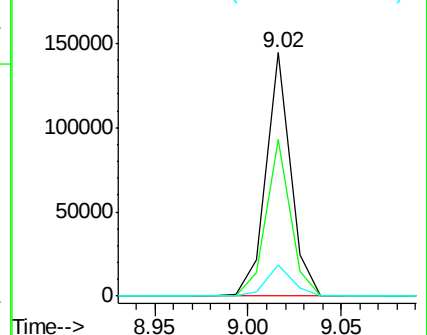
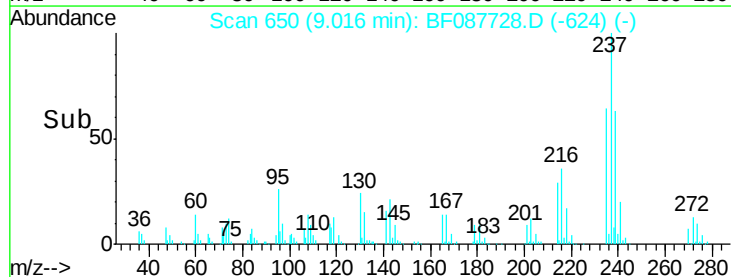
272 12.7 0.0 32.3

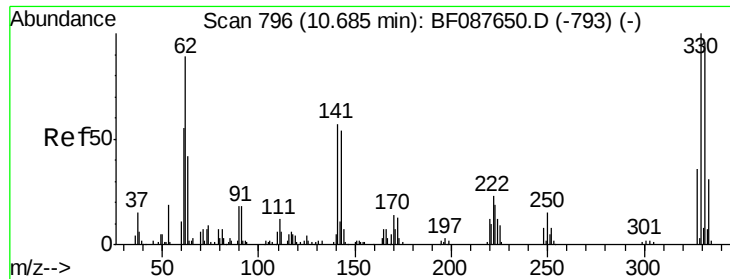


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

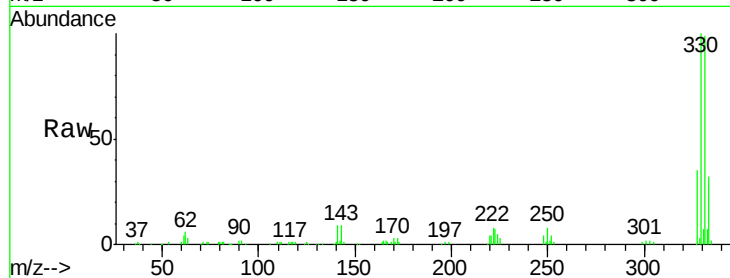




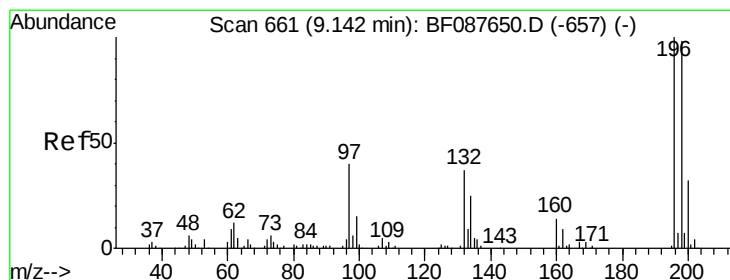
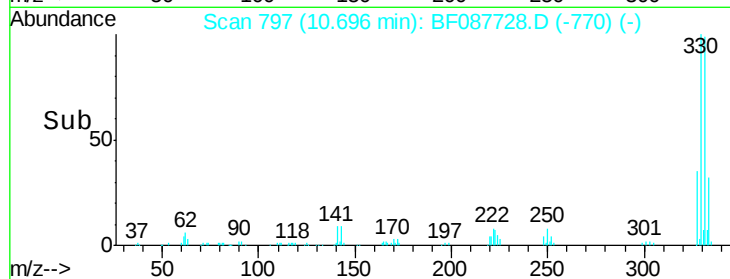
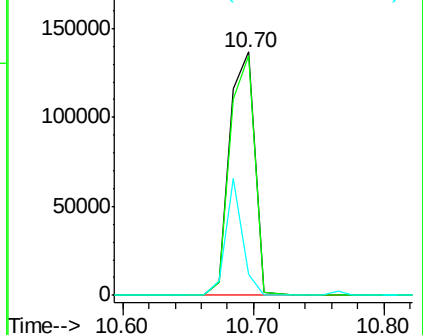
#41
 2,4,6-Tribromophenol
 Concen: 78.19 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 180994
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 32.8 0.0 0.0#

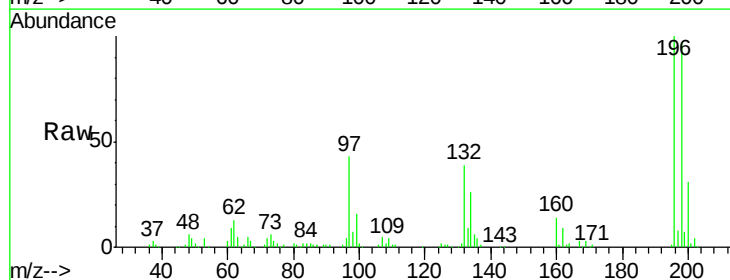


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

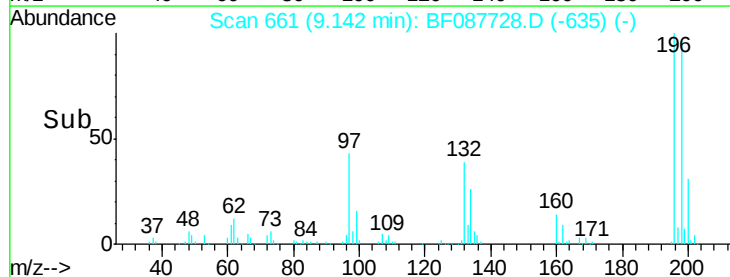
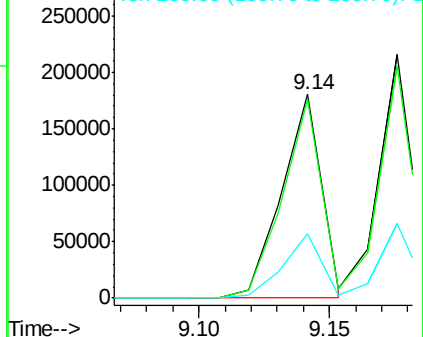


#42
 2,4,6-Trichlorophenol
 Concen: 39.68 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

Tgt Ion:196 Resp: 190457
 Ion Ratio Lower Upper
 196 100
 198 97.4 78.0 117.0
 200 31.3 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

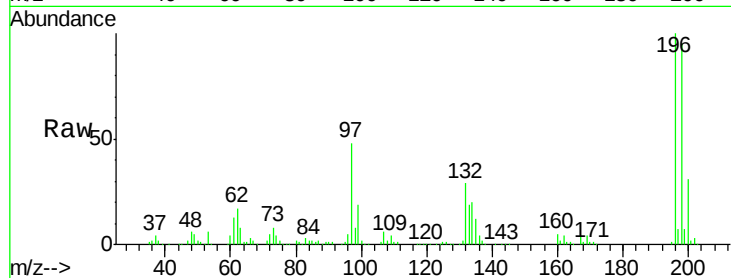




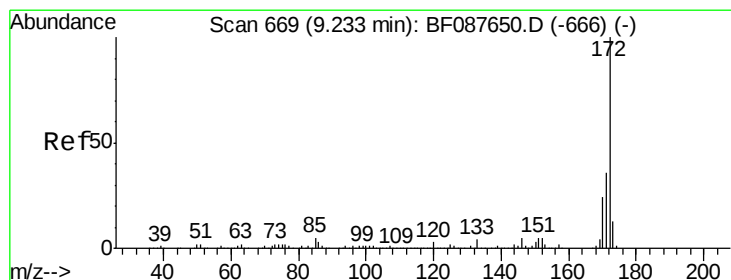
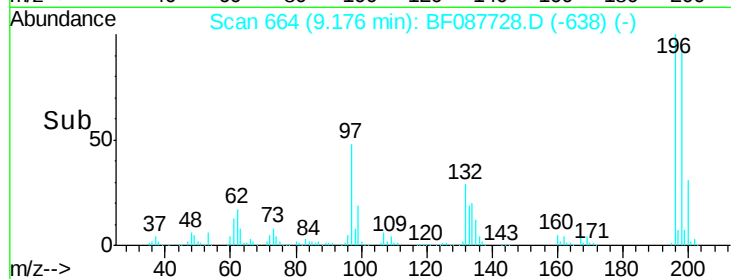
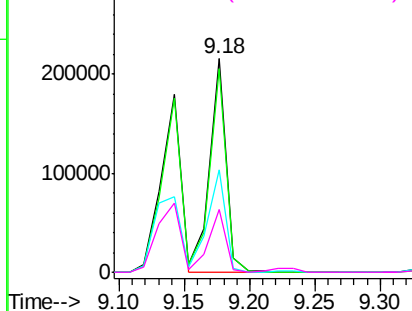
#43
 2,4,5-Trichlorophenol
 Concen: 42.48 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 189759
 Ion Ratio Lower Upper
 196 100
 198 95.5 77.5 116.3
 97 48.2 32.0 48.0#
 132 29.3 20.9 31.3

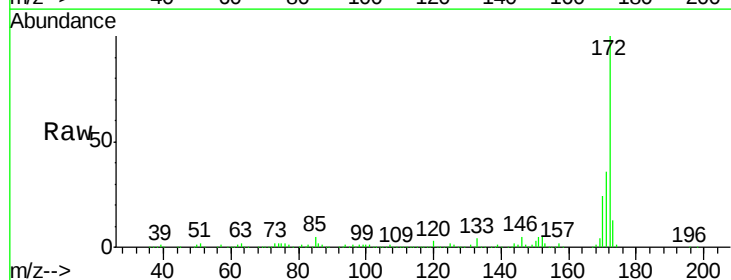


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

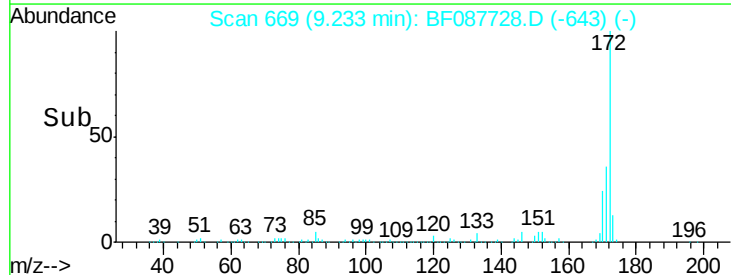
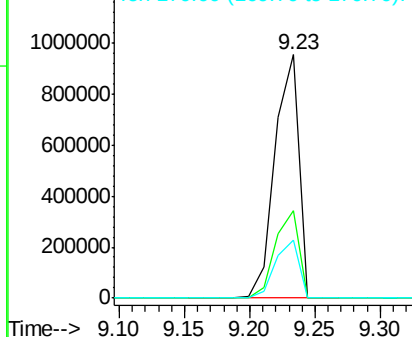


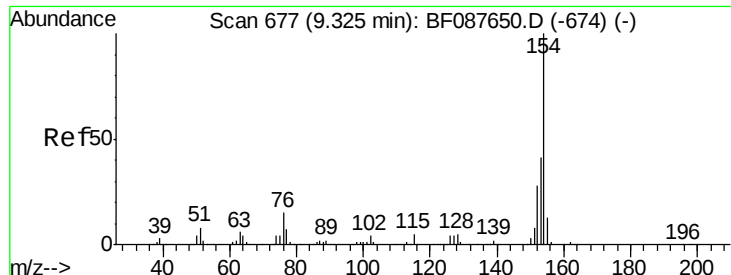
#44
 2-Fluorobiphenyl
 Concen: 80.53 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

Tgt Ion:172 Resp: 1230519
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 24.0 19.2 28.8



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

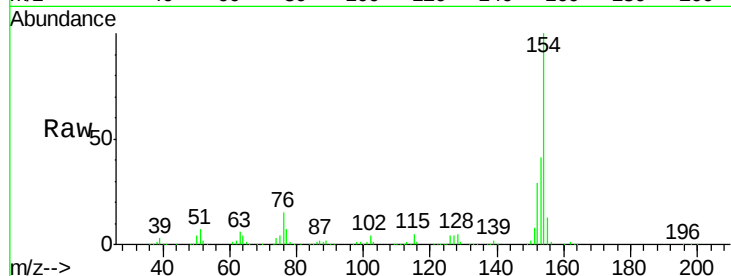




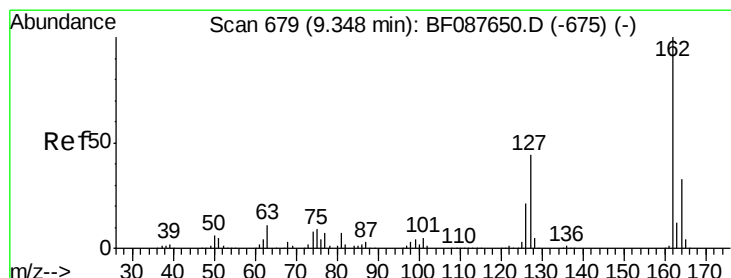
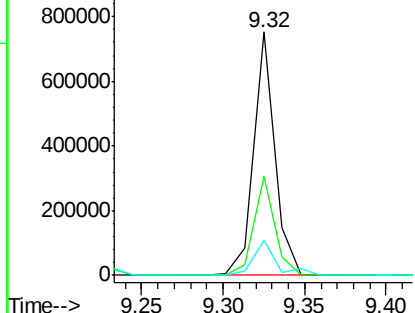
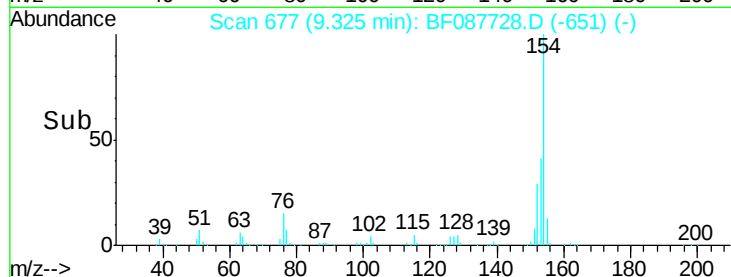
#45
 1,1'-Biphenyl
 Concen: 36.25 ng
 RT: 9.32 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:154 Resp: 678492
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.6 60.6
 76 14.6 0.0 35.1

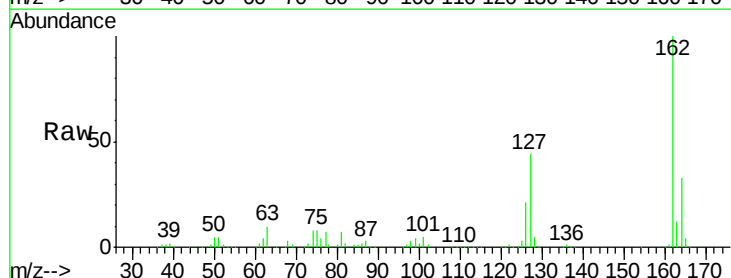


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

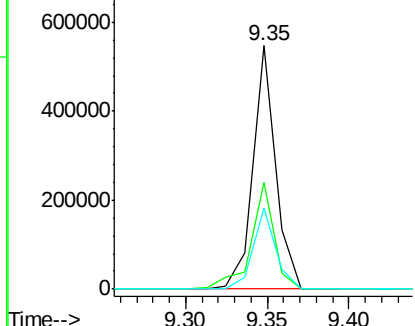
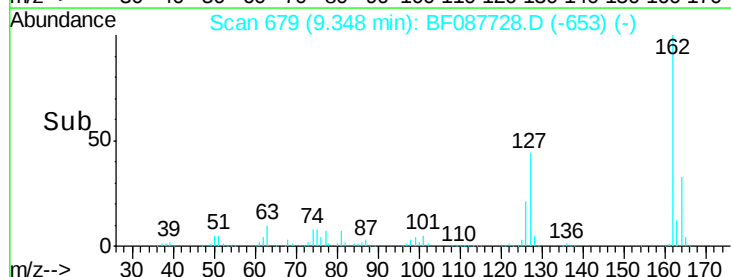


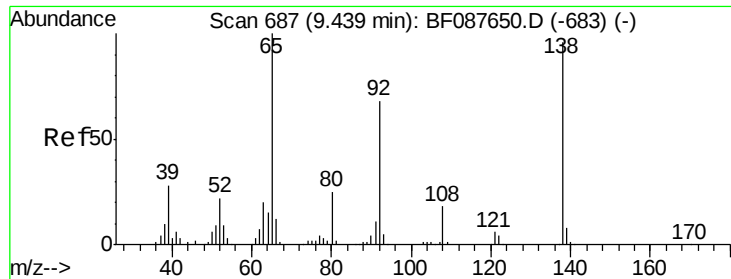
#46
 2-Chloronaphthalene
 Concen: 35.36 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

Tgt Ion:162 Resp: 526808
 Ion Ratio Lower Upper
 162 100
 127 44.0 35.2 52.8
 164 33.4 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: 38.65 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

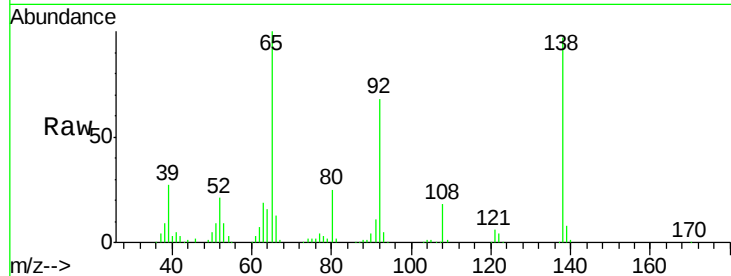
Tgt Ion: 65 Resp: 162122

Ion Ratio Lower Upper

65 100

92 68.3 54.6 82.0

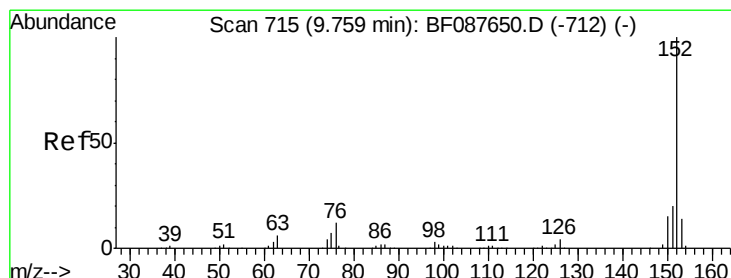
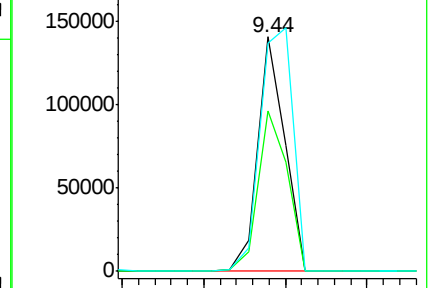
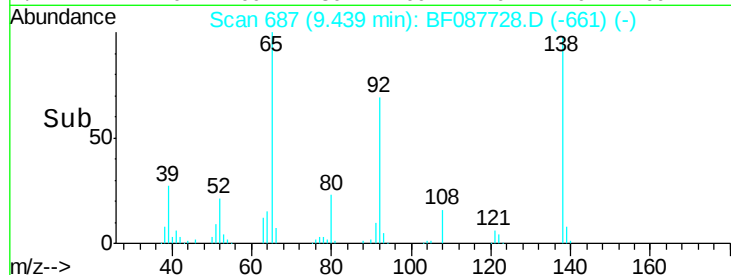
138 97.4 77.0 115.4



Abundance Ion 65.00 (64.70 to 65.70): BF087728.D (-661) (-)

Ion 92.00 (91.70 to 92.70): BF087728.D (-661) (-)

Ion 138.00 (137.70 to 138.70): BF087728.D (-661) (-)



#48

Acenaphthylene

Concen: 39.18 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

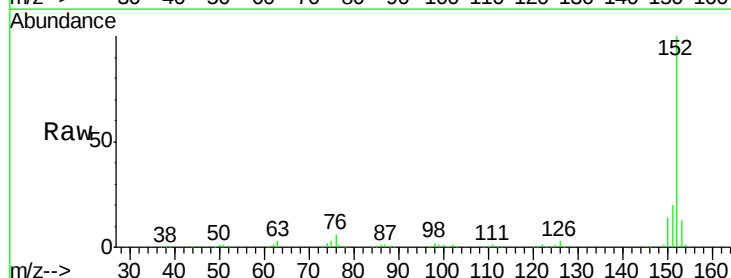
Tgt Ion: 152 Resp: 910358

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

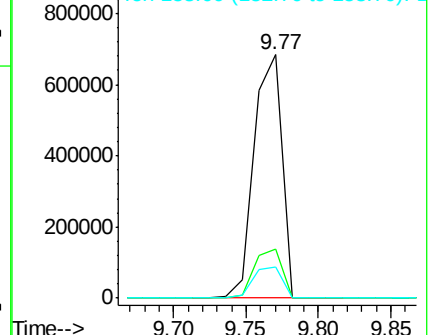
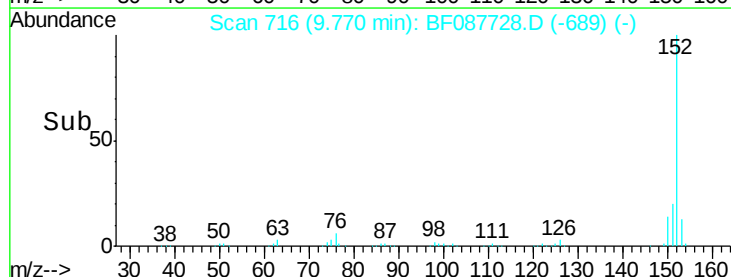
153 12.8 11.0 16.6

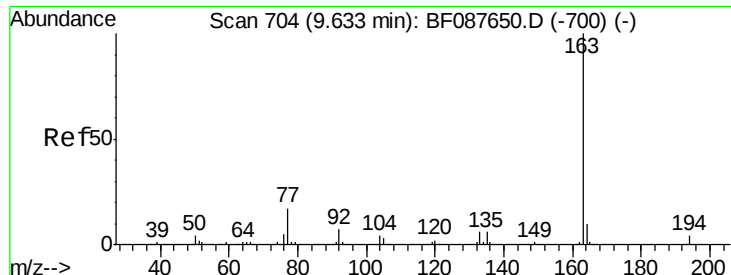


Abundance Ion 152.00 (151.70 to 152.70): BF087728.D (-689) (-)

Ion 151.00 (150.70 to 151.70): BF087728.D (-689) (-)

Ion 153.00 (152.70 to 153.70): BF087728.D (-689) (-)





#49

Dimethylphthalate

Concen: 40.15 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

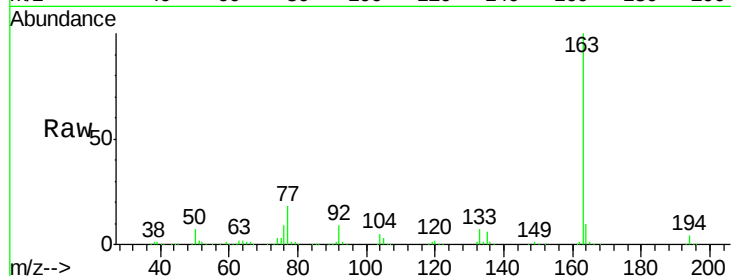
Tgt Ion:163 Resp: 673132

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

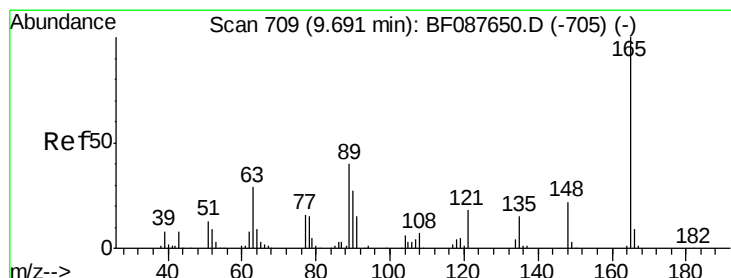
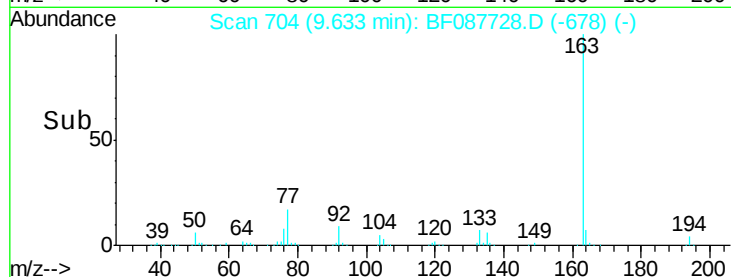
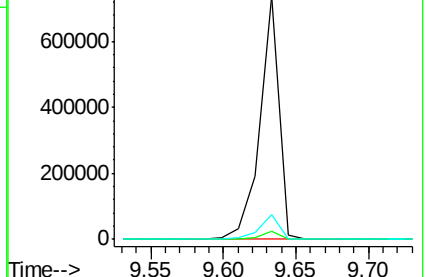
164 10.4 8.3 12.5



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: 43.26 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

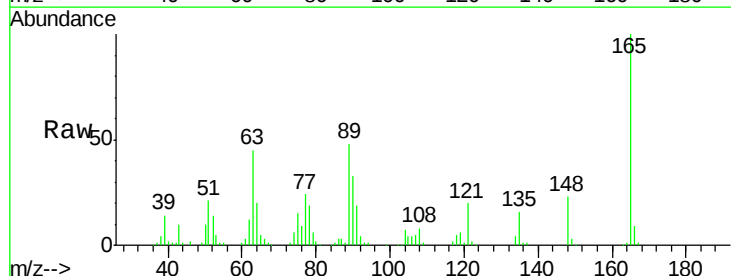
Tgt Ion:165 Resp: 165008

Ion Ratio Lower Upper

165 100

63 45.0 28.1 42.1#

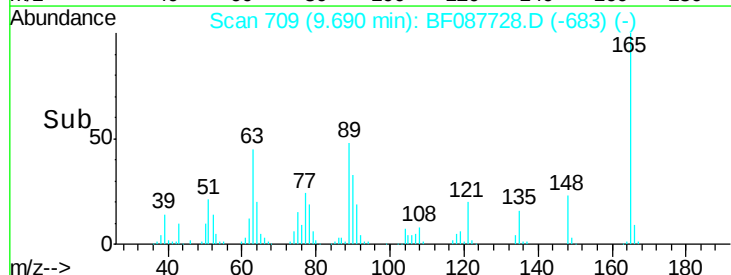
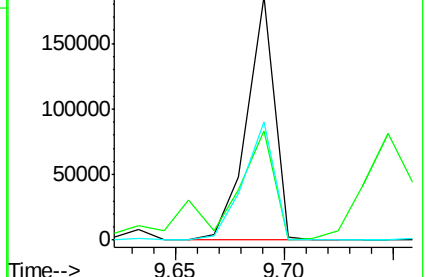
89 48.4 32.2 48.2#

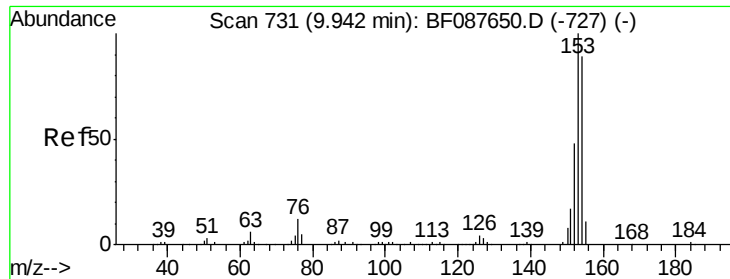


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.47 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

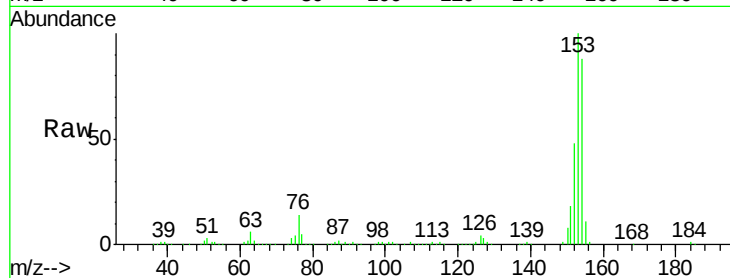
Tgt Ion:154 Resp: 574988

Ion Ratio Lower Upper

154 100

153 113.1 89.5 134.3

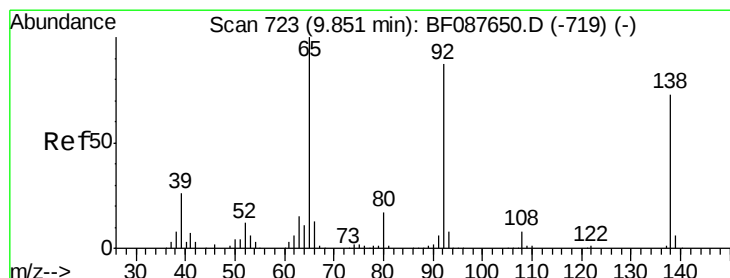
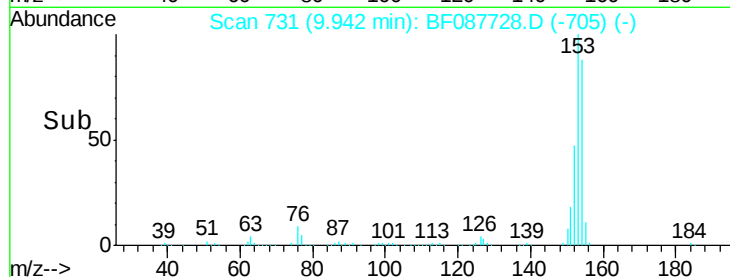
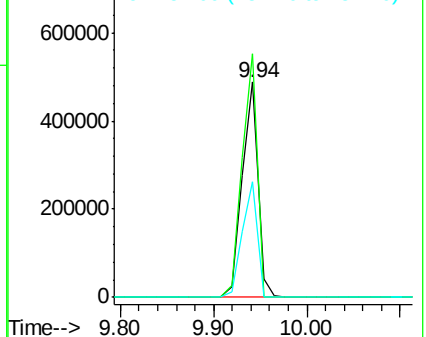
152 53.9 42.7 64.1



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: 39.78 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

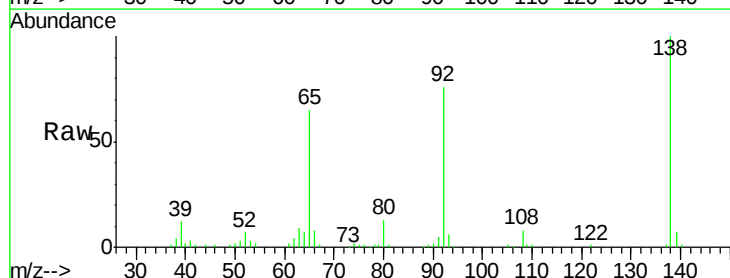
Tgt Ion:138 Resp: 173532

Ion Ratio Lower Upper

138 100

108 7.9 8.5 12.7#

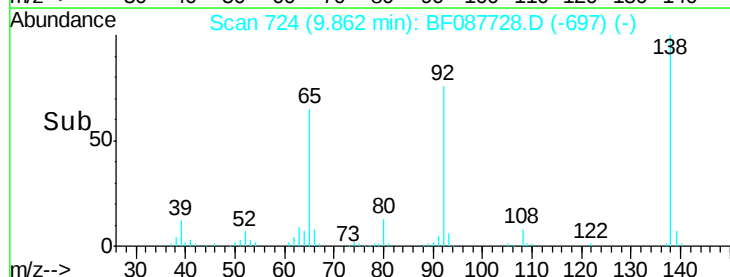
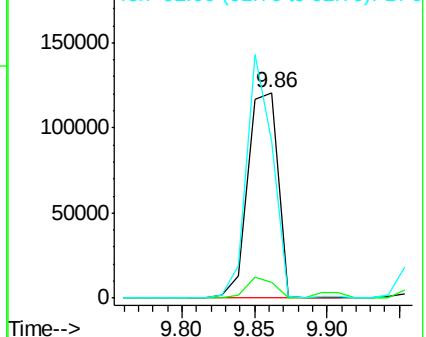
92 76.2 95.7 143.5#

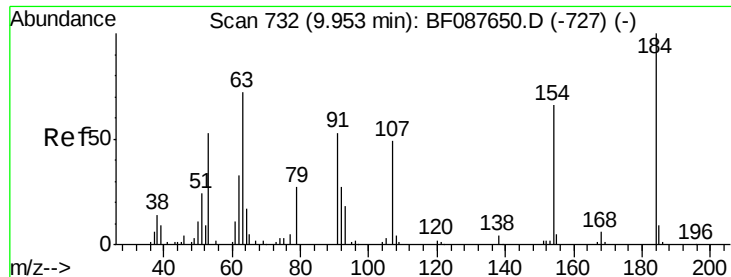


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

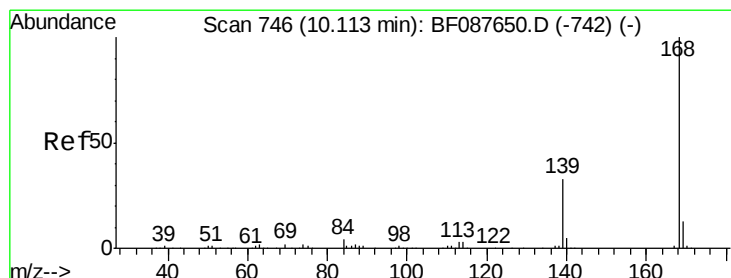
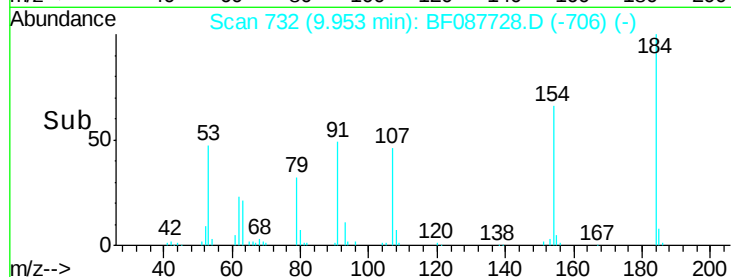
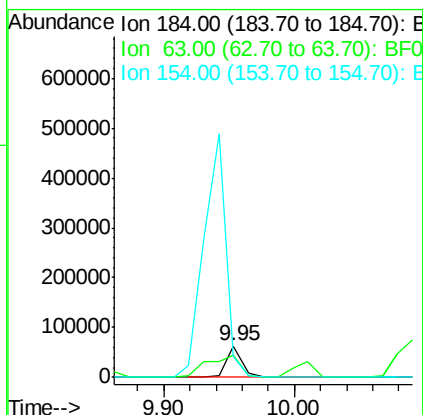
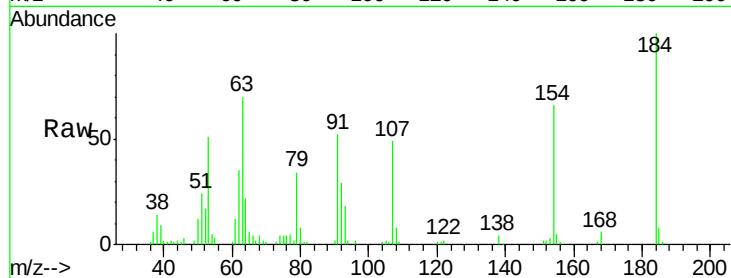




#53
2,4-Dinitrophenol
Concen: 32.90 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF087728.D
Acq: 6 Jun 2016 1:22

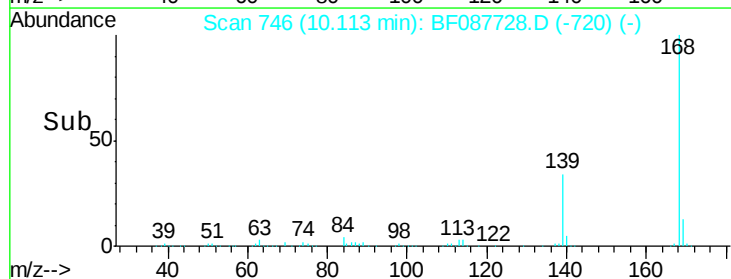
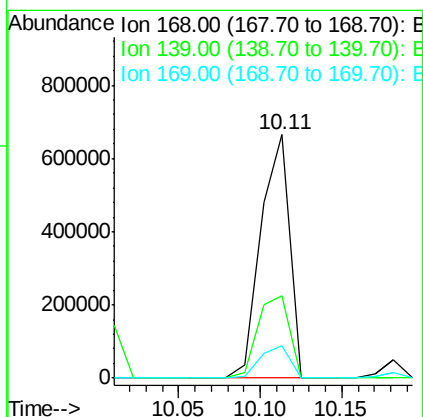
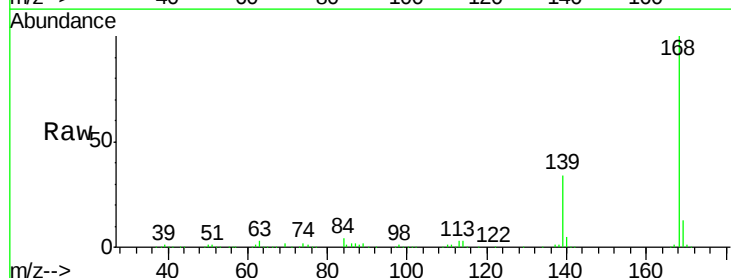
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

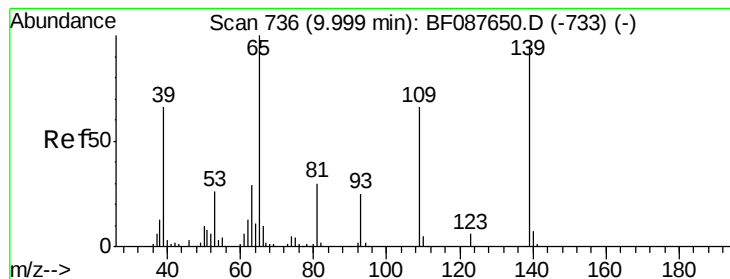
Tgt Ion:184 Resp: 52804
Ion Ratio Lower Upper
184 100
63 69.7 57.6 86.4
154 65.7 53.5 80.3



#54
Dibenzofuran
Concen: 39.93 ng
RT: 10.11 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF087728.D
Acq: 6 Jun 2016 1:22

Tgt Ion:168 Resp: 812714
Ion Ratio Lower Upper
168 100
139 33.8 26.4 39.6
169 13.2 10.4 15.6





#55

4-Nitrophenol

Concen: 38.63 ng

RT: 10.01 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

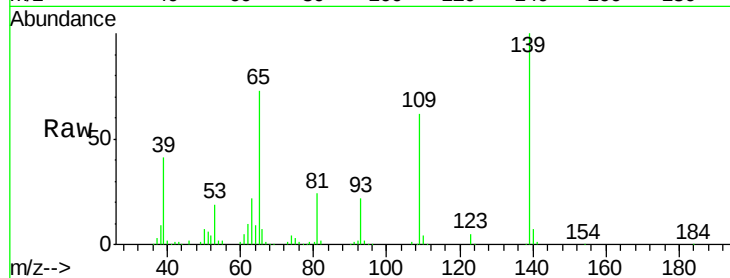
Tgt Ion:139 Resp: 144032

Ion Ratio Lower Upper

139 100

109 62.2 48.9 88.9

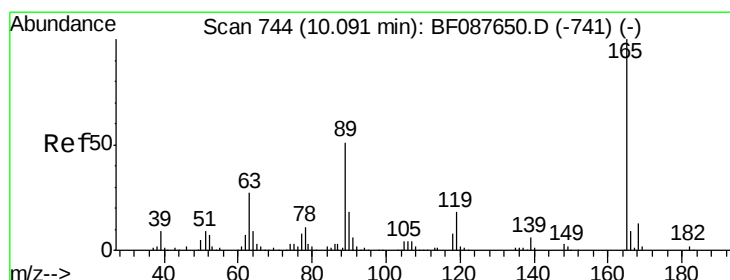
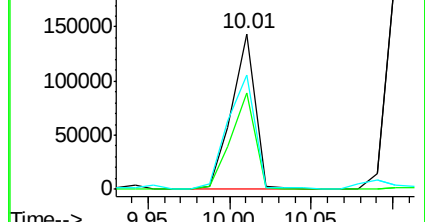
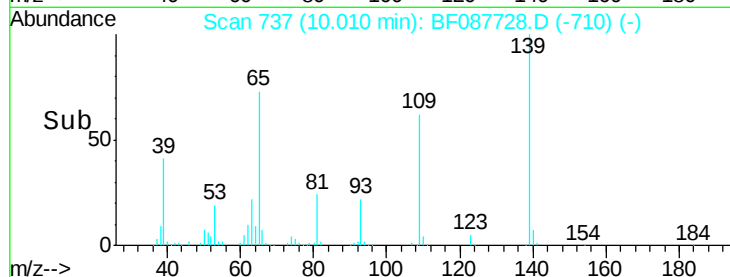
65 73.4 84.9 124.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.82 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

Tgt Ion:165 Resp: 217701

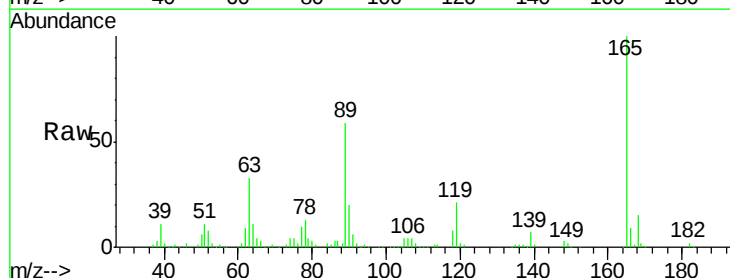
Ion Ratio Lower Upper

165 100

63 33.2 22.0 33.0#

89 59.3 41.1 61.7

182 2.4 2.0 3.0

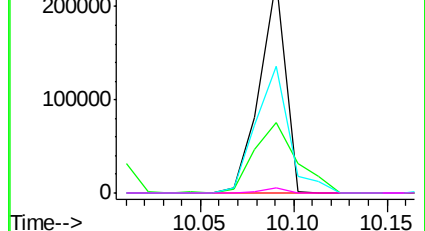
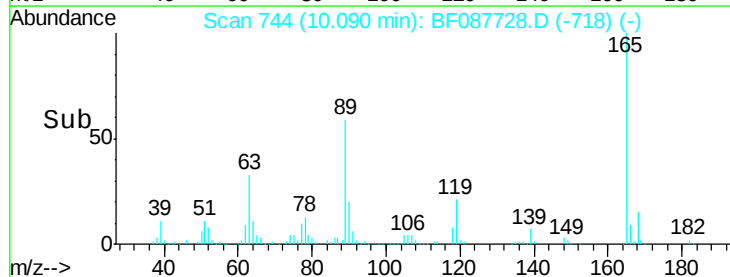


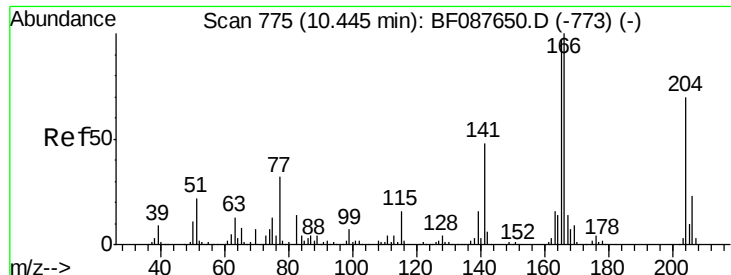
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.05 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

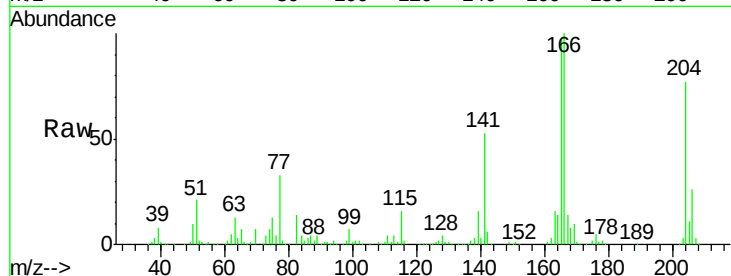
Tgt Ion:166 Resp: 573565

Ion Ratio Lower Upper

166 100

165 97.4 77.8 116.8

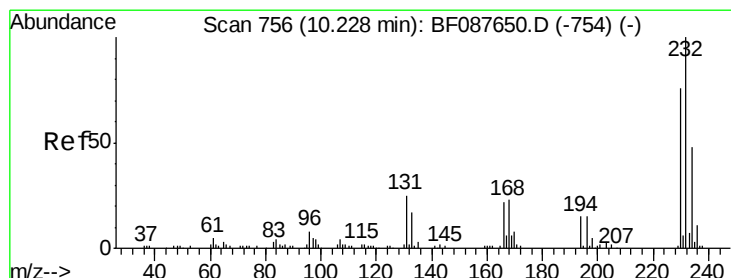
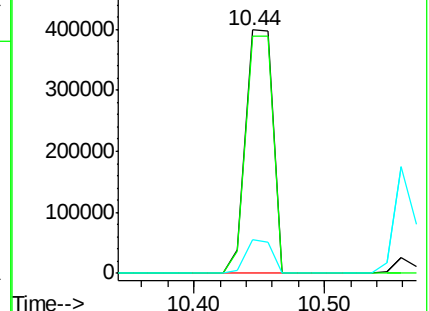
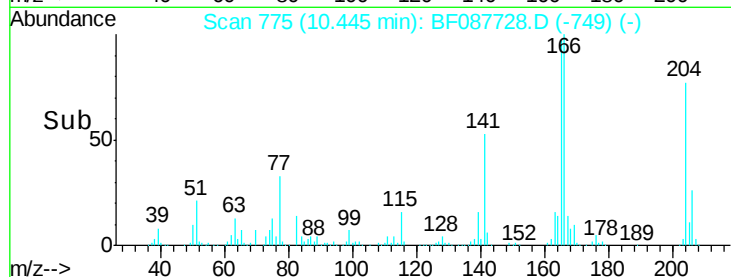
167 13.9 11.2 16.8



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: 39.16 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

Tgt Ion:232 Resp: 150667

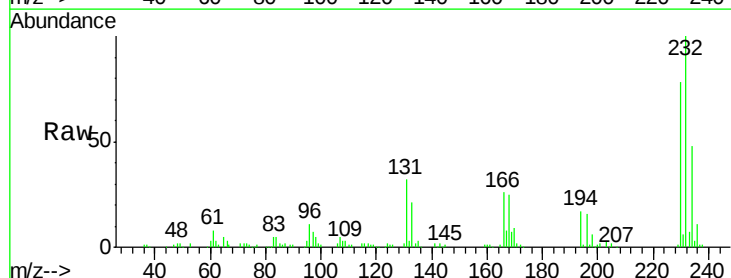
Ion Ratio Lower Upper

232 100

131 46.2 0.9 1.3#

130 2.3 1.5 2.3

166 31.9 0.5 0.7#

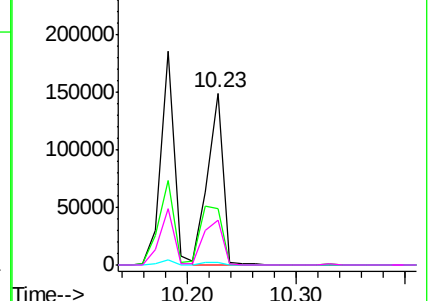
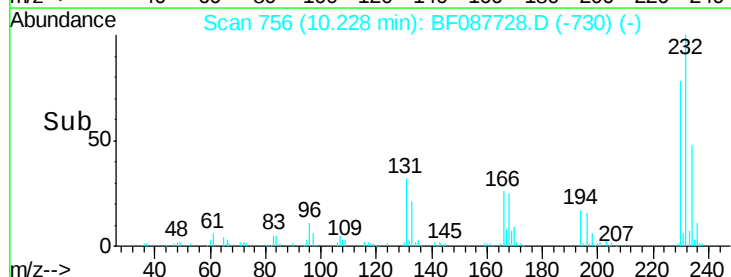


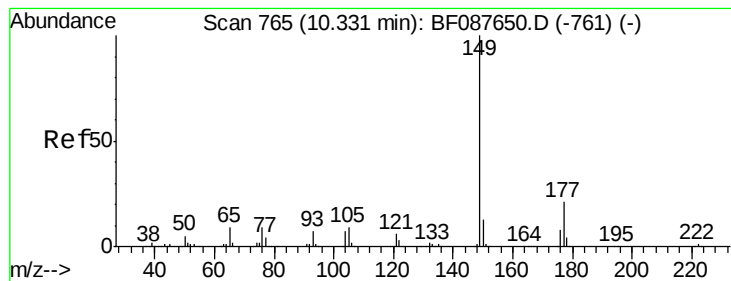
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.65 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

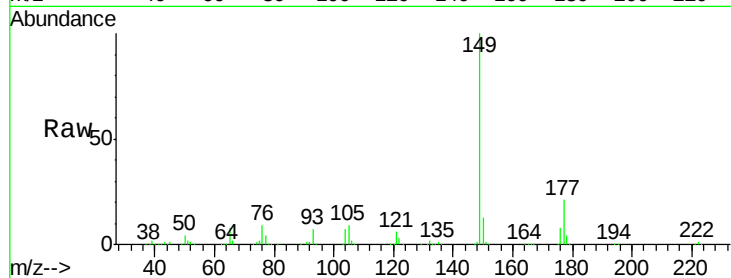
Tgt Ion:149 Resp: 650675

Ion Ratio Lower Upper

149 100

177 21.4 16.9 25.3

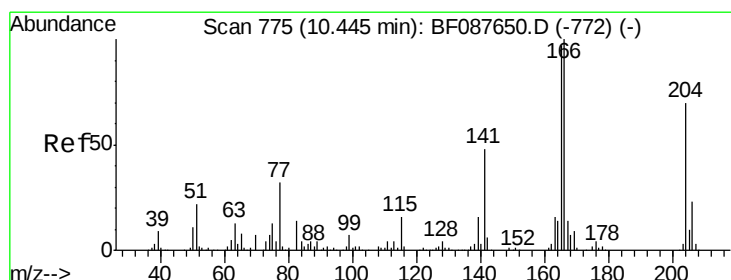
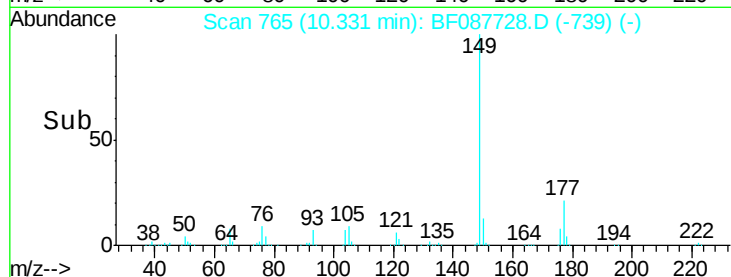
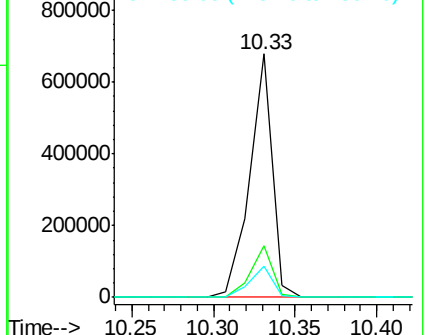
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.16 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

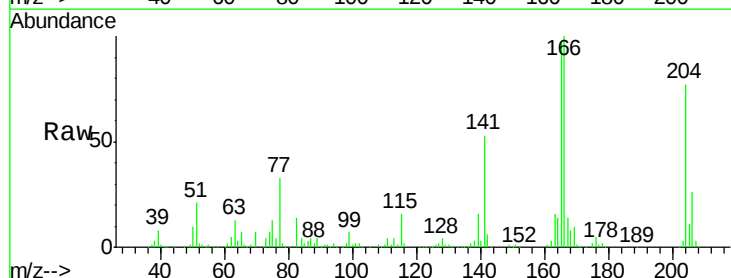
Tgt Ion:204 Resp: 252692

Ion Ratio Lower Upper

204 100

206 33.1 26.3 39.5

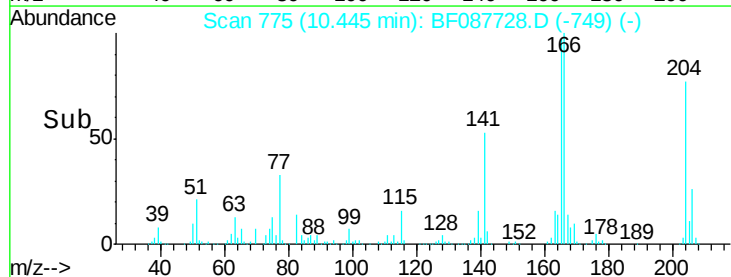
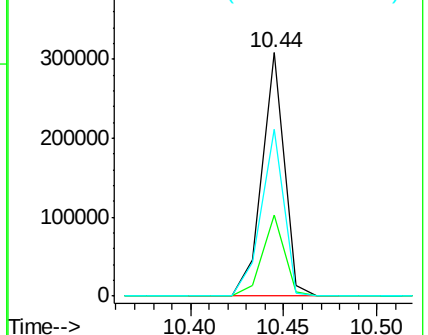
141 68.3 55.0 82.6

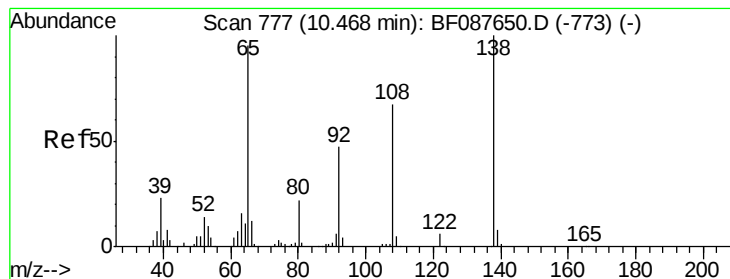


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.92 ng

RT: 10.47 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

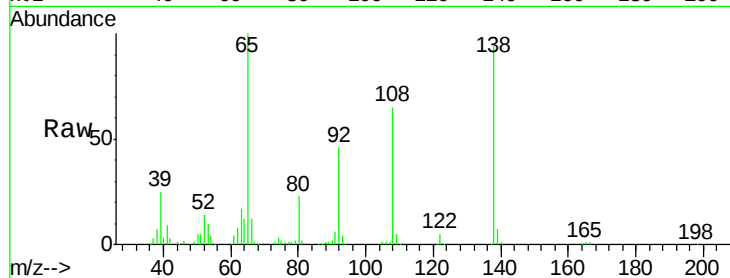
Tgt Ion:138 Resp: 163239

Ion Ratio Lower Upper

138 100

92 49.2 27.3 67.3

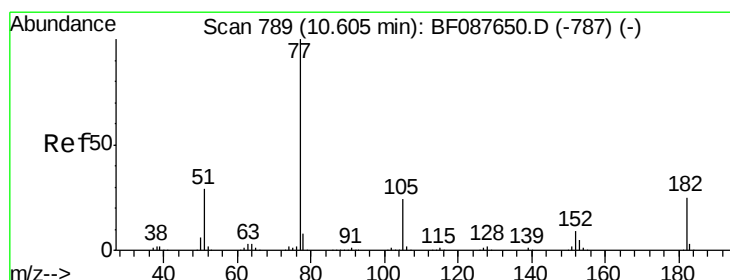
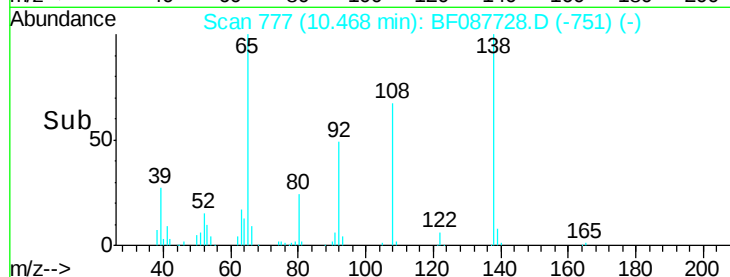
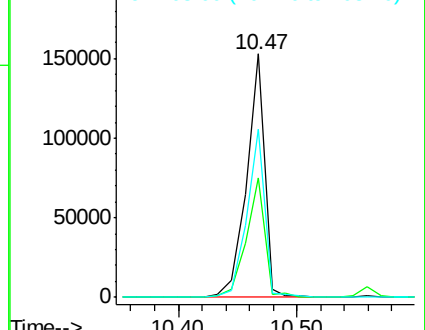
108 69.2 46.7 86.7



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: 40.40 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

Tgt Ion: 77 Resp: 684671

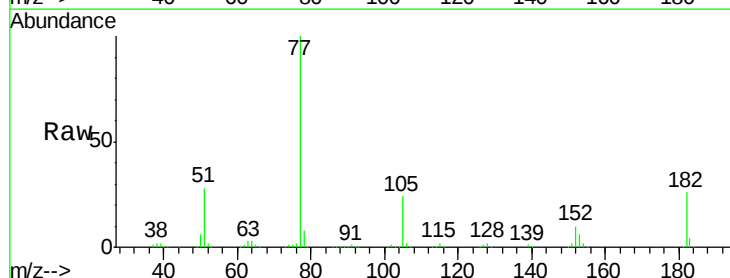
Ion Ratio Lower Upper

77 100

182 26.1 4.4 44.4

105 24.4 3.8 43.8

51 27.5 9.3 49.3

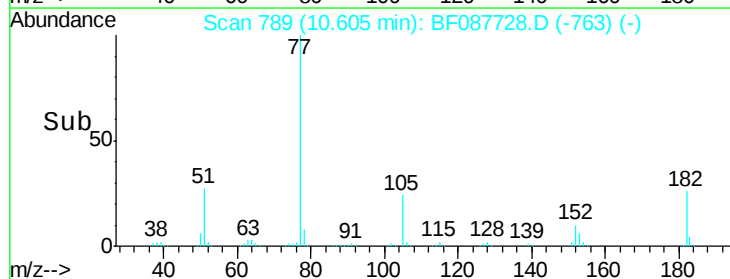
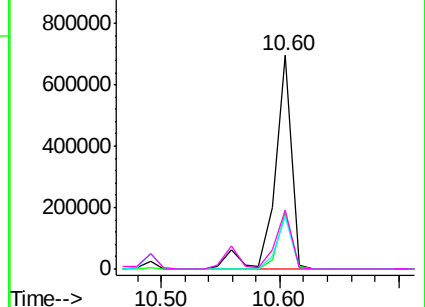


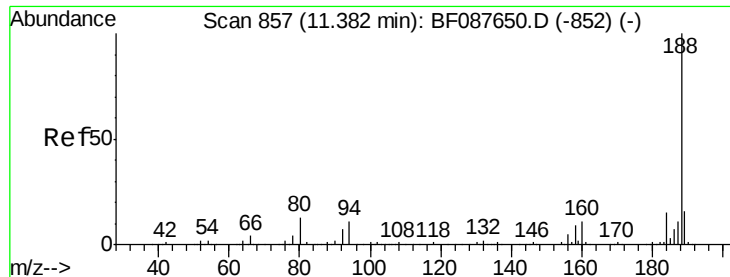
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

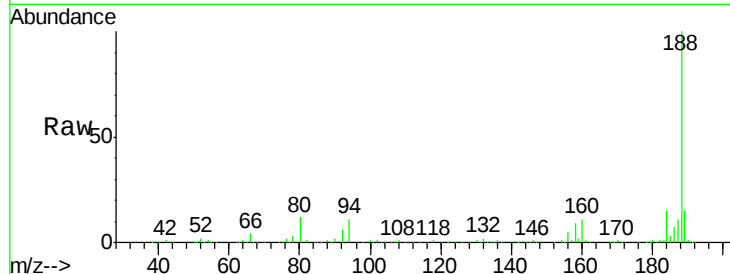




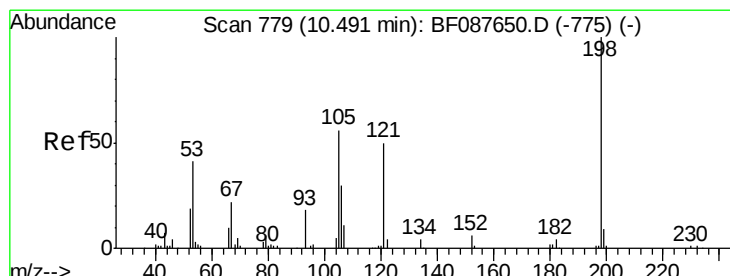
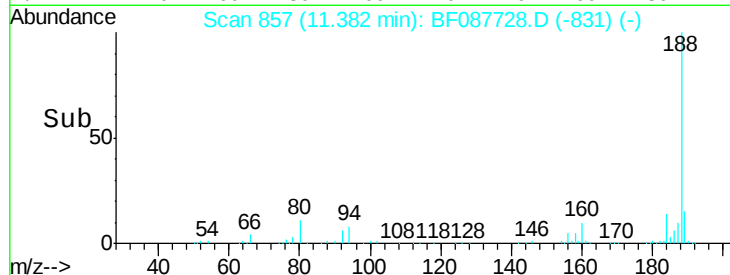
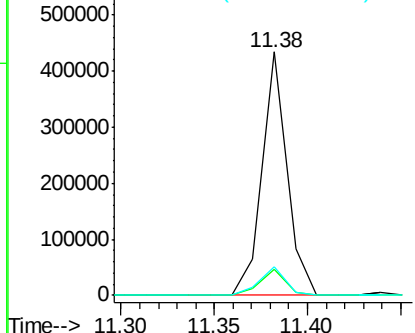
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087728.D
Acq: 6 Jun 2016 1:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:188 Resp: 401421
Ion Ratio Lower Upper
188 100
94 10.8 9.0 13.6
80 11.6 10.0 15.0

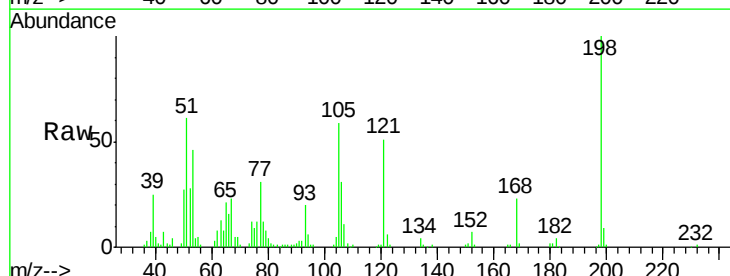


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

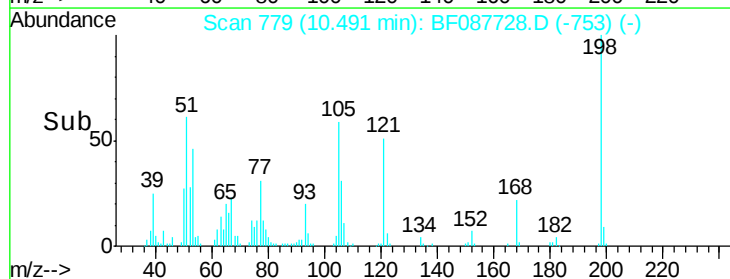
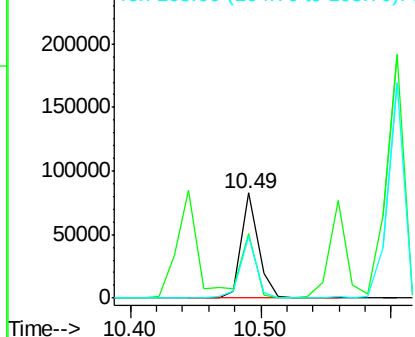


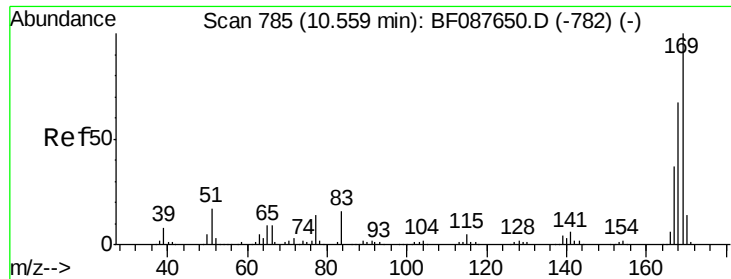
#64
4,6-Dinitro-2-methylphenol
Concen: 34.59 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF087728.D
Acq: 6 Jun 2016 1:22

Tgt Ion:198 Resp: 75862
Ion Ratio Lower Upper
198 100
51 60.7 39.6 79.6
105 58.8 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

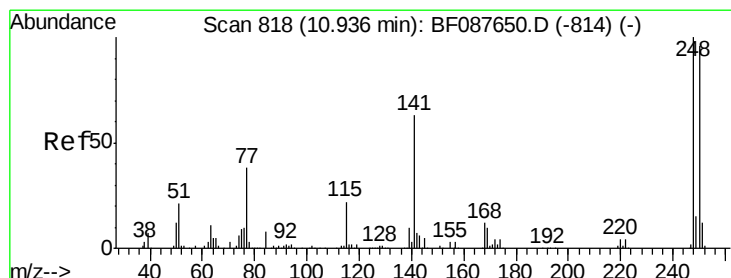
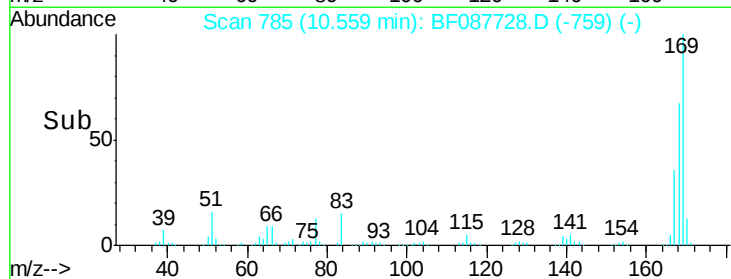
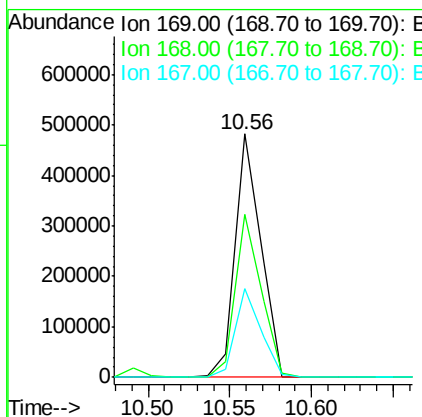
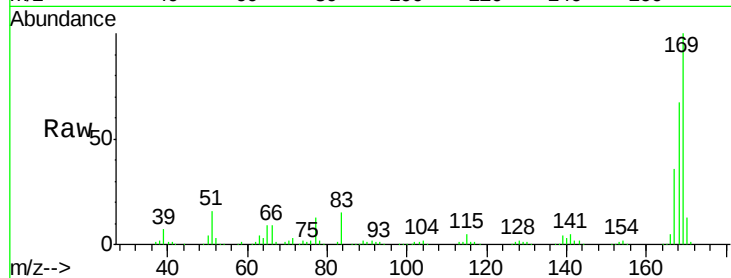




#65
 n-Nitrosodiphenylamine
 Concen: 39.72 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

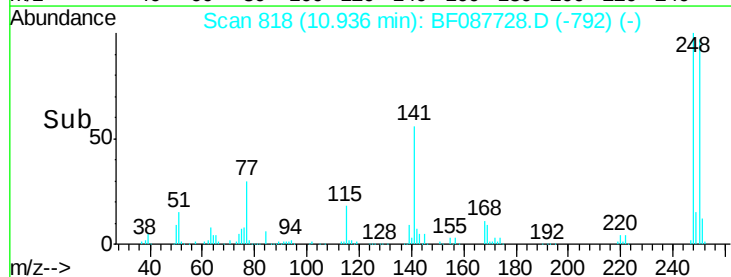
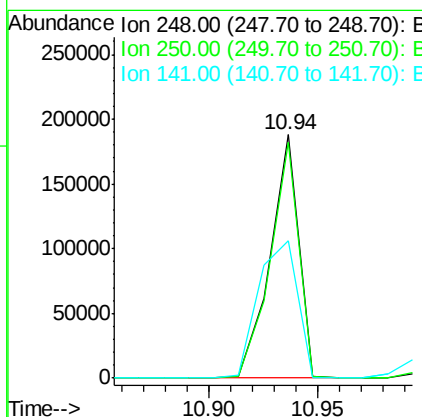
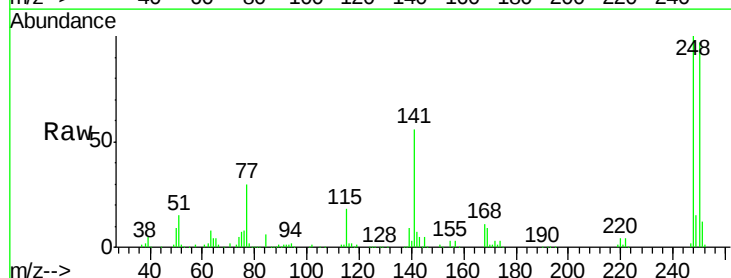
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

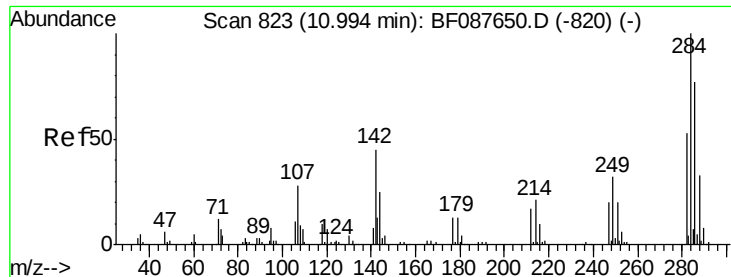
Tgt Ion:169 Resp: 522208
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.4 80.0
 167 36.4 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 43.63 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

Tgt Ion:248 Resp: 173657
 Ion Ratio Lower Upper
 248 100
 250 96.7 77.1 115.7
 141 56.2 50.6 76.0





#67

Hexachlorobenzene

Concen: 38.88 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

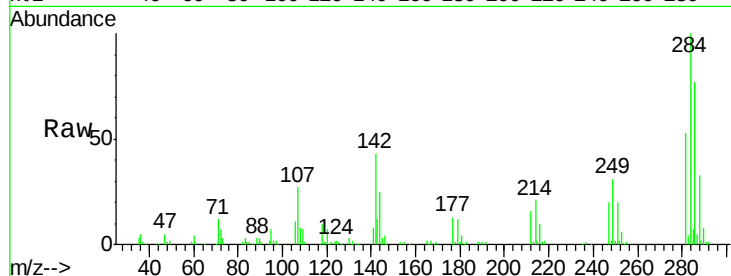
Tgt Ion:284 Resp: 173072

Ion Ratio Lower Upper

284 100

142 43.0 35.8 53.8

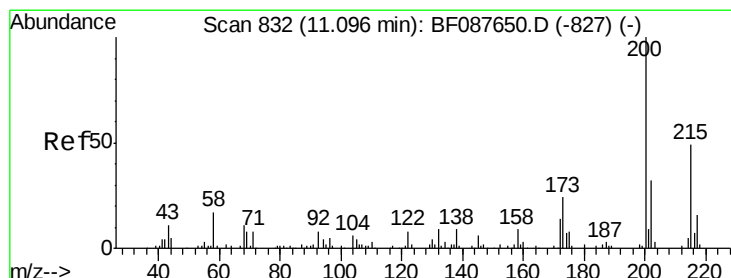
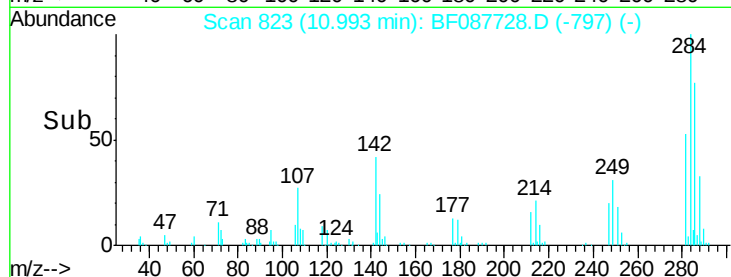
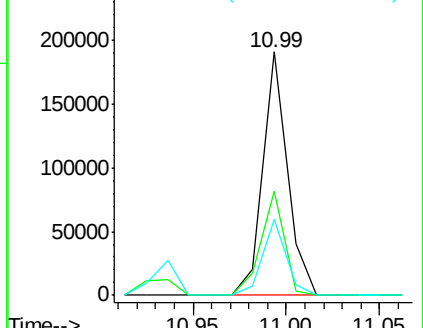
249 31.4 25.8 38.6



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: 41.91 ng

RT: 11.10 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

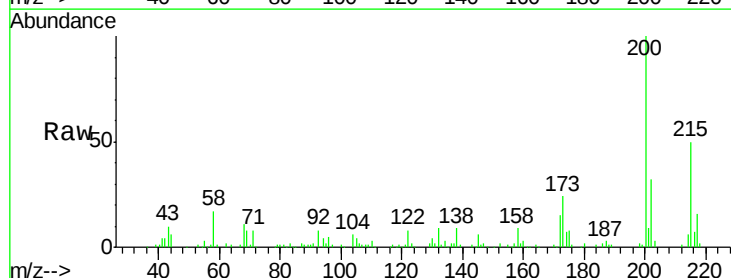
Tgt Ion:200 Resp: 163217

Ion Ratio Lower Upper

200 100

173 24.4 4.0 44.0

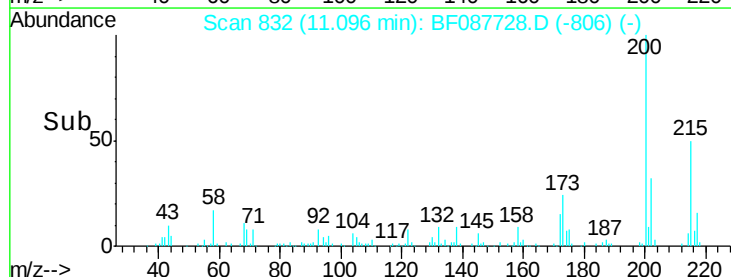
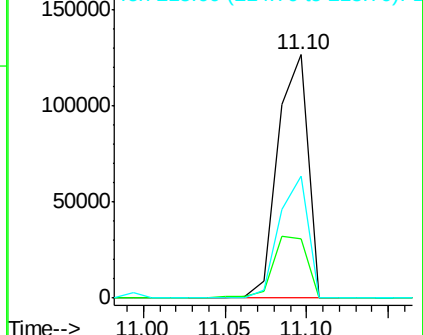
215 50.2 29.3 69.3

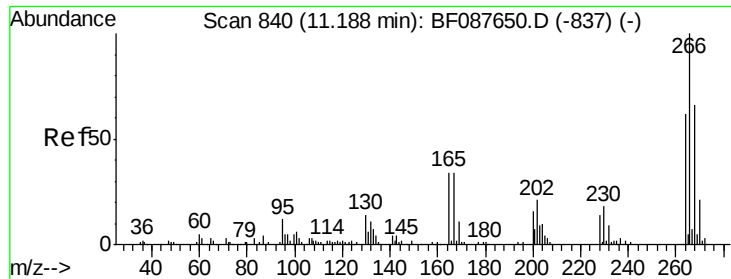


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

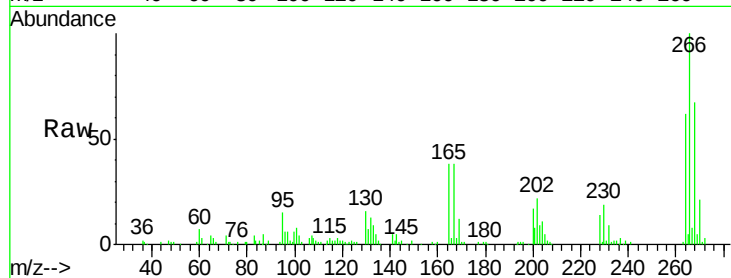




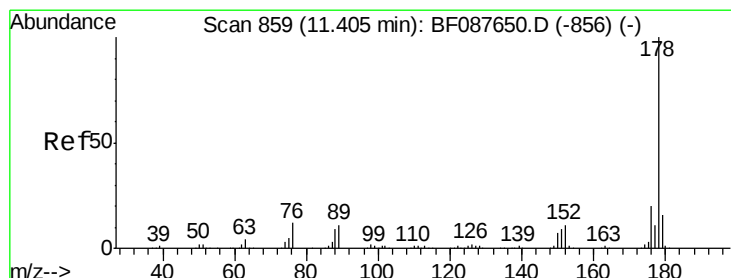
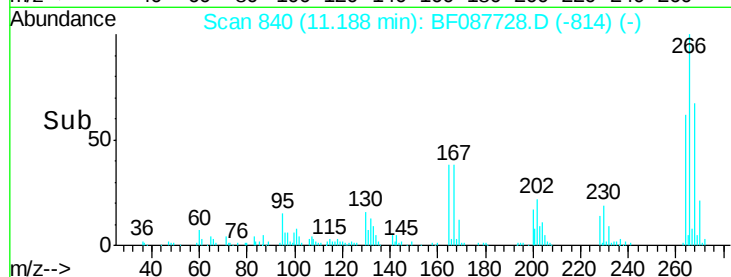
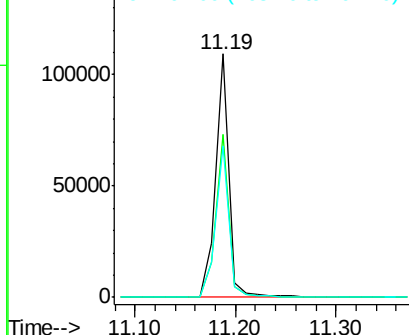
#69
 Pentachlorophenol
 Concen: 37.87 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:266 Resp: 100159
 Ion Ratio Lower Upper
 266 100
 268 66.8 52.8 79.2
 264 62.1 49.6 74.4

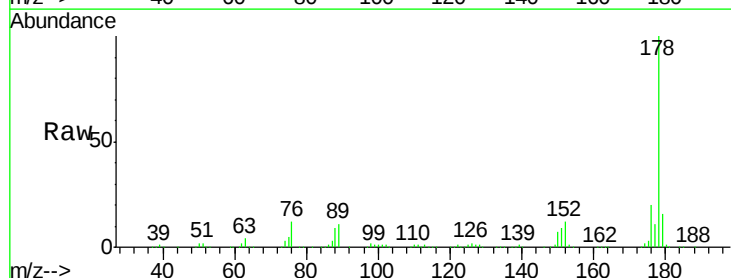


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

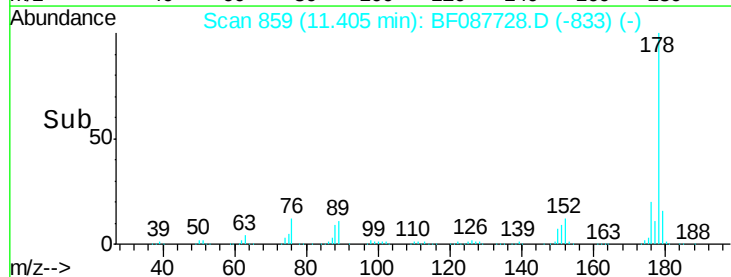
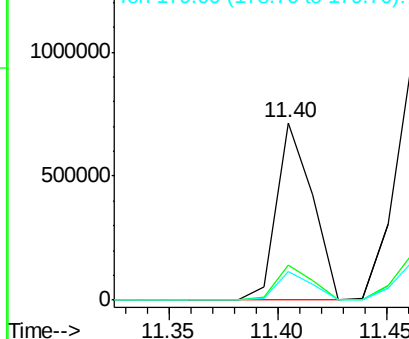


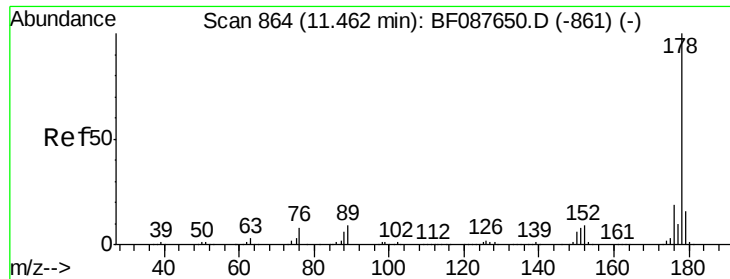
#70
 Phenanthrene
 Concen: 37.79 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

Tgt Ion:178 Resp: 822432
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.6
 179 16.0 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

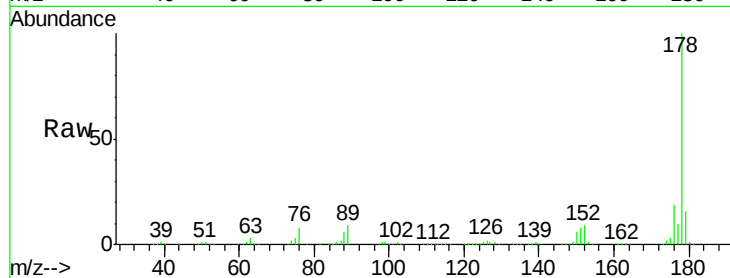




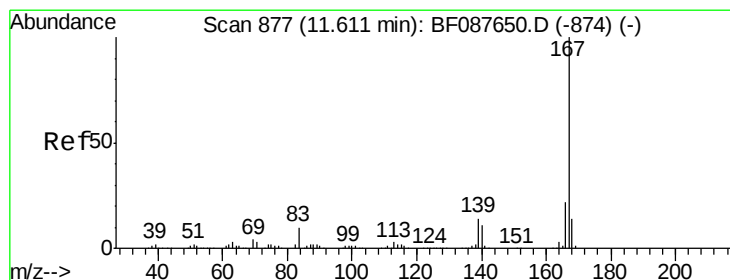
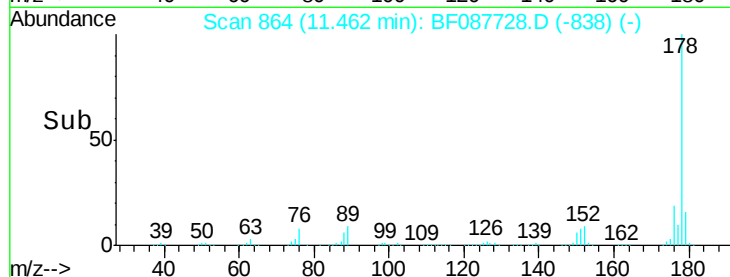
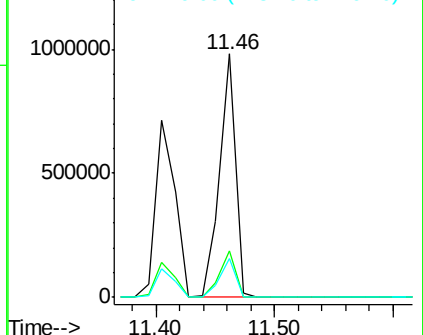
#71
 Anthracene
 Concen: 41.46 ng
 RT: 11.46 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 904104
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 16.1 12.8 19.2

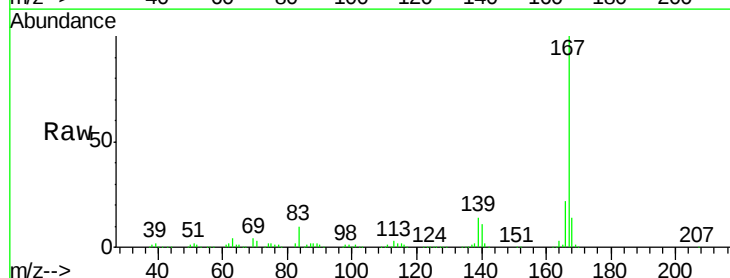


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

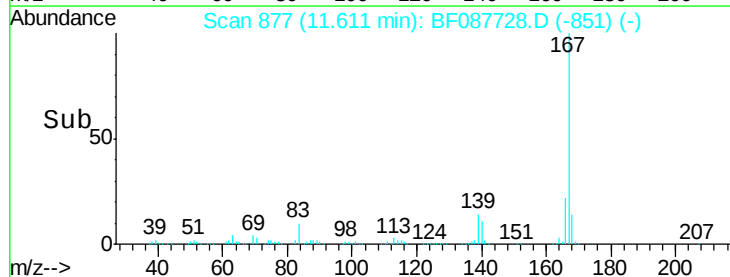
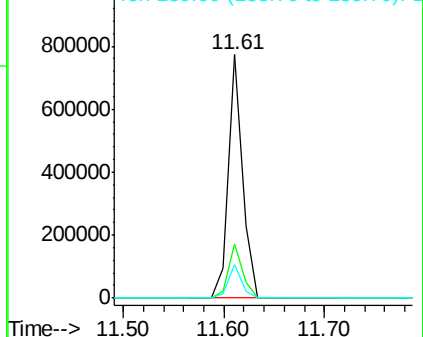


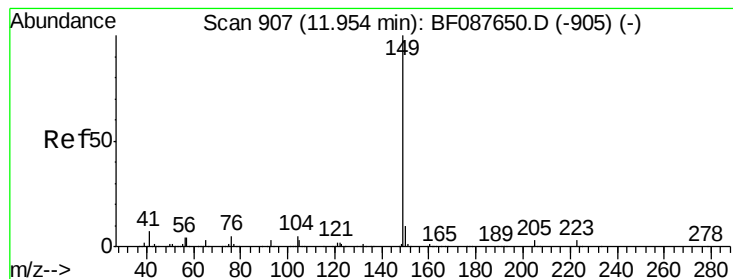
#72
 Carbazole
 Concen: 36.84 ng
 RT: 11.61 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

Tgt Ion:167 Resp: 760522
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 14.0 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: 44.30 ng

RT: 11.95 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

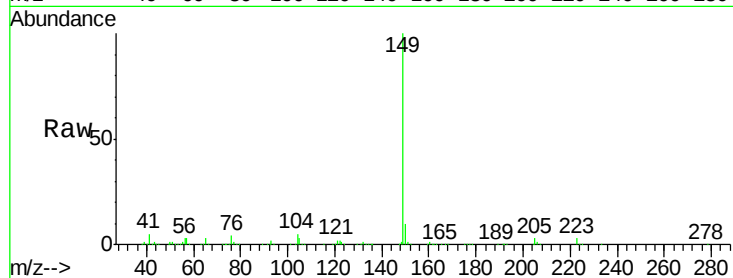
Tgt Ion:149 Resp: 980472

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

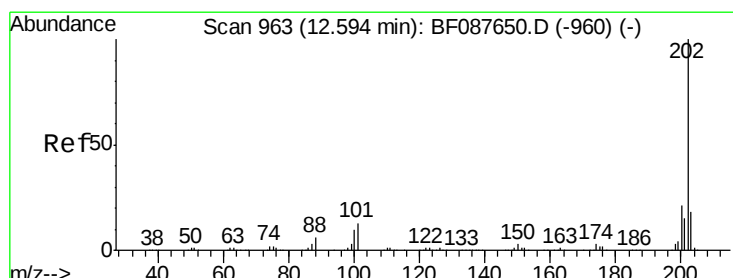
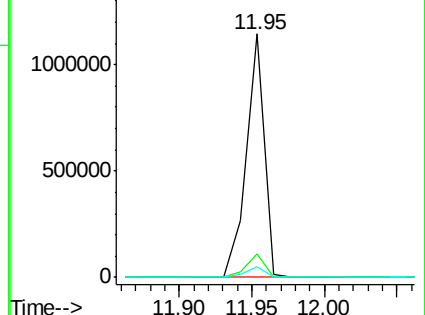
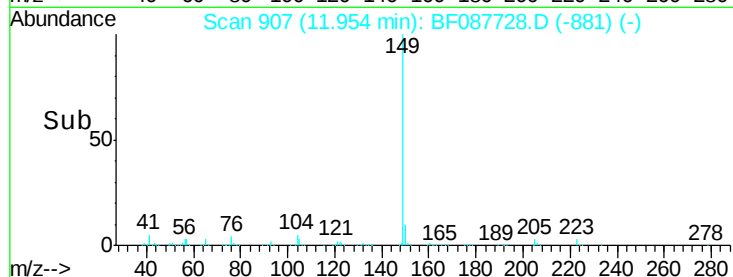
104 4.5 4.0 6.0



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: 40.04 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

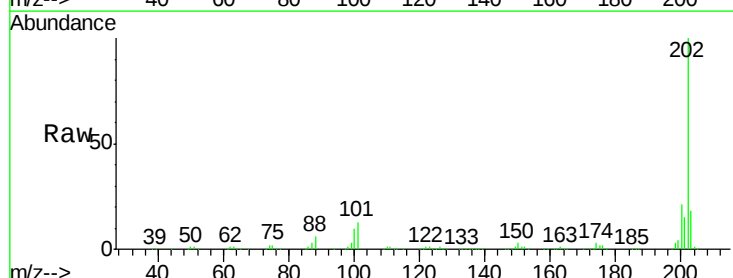
Tgt Ion:202 Resp: 857674

Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.1

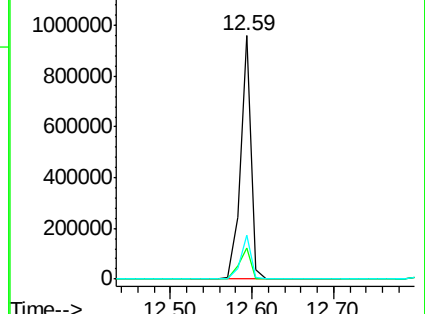
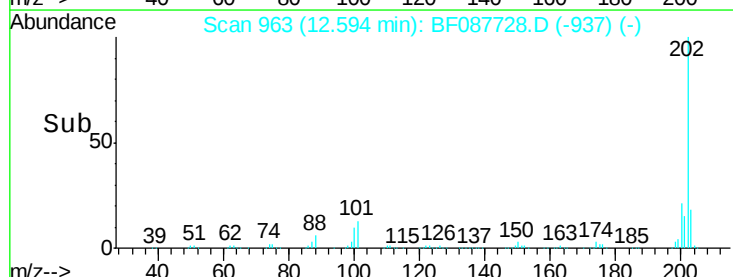
203 18.3 0.0 38.1

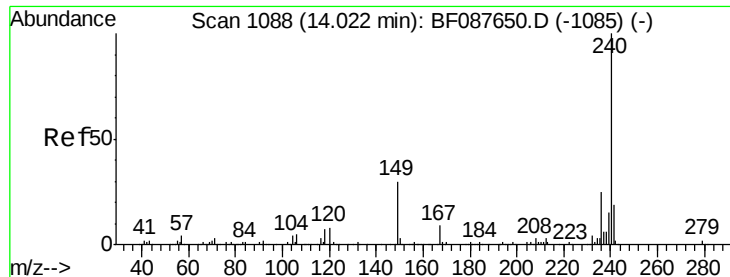


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

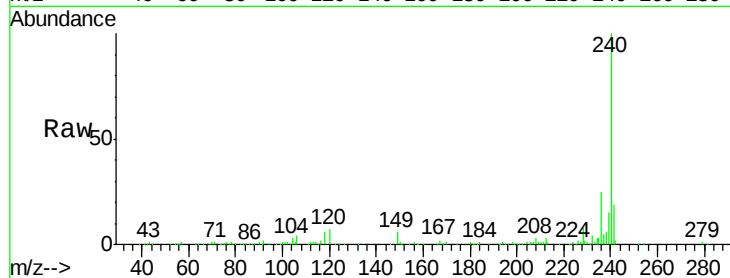
Tgt Ion:240 Resp: 260512

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

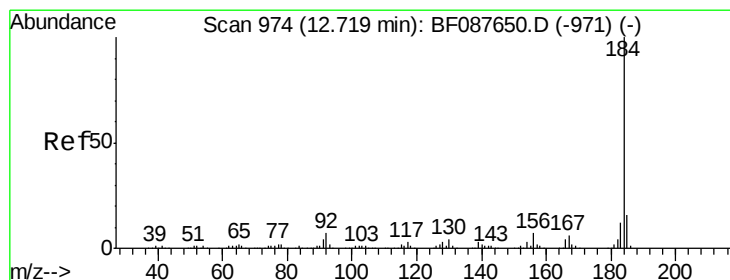
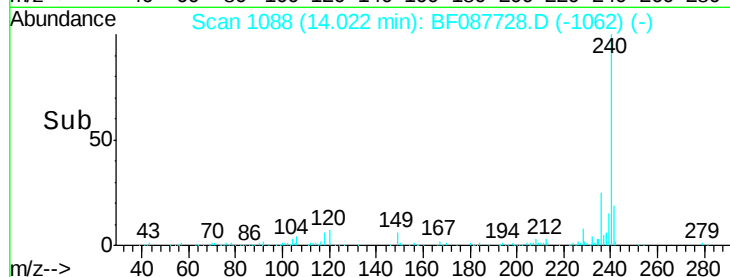
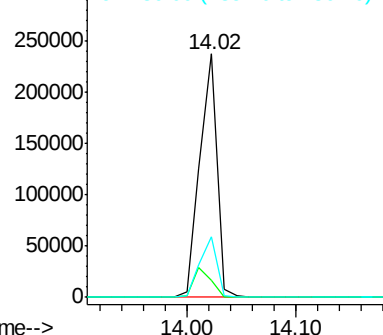
236 24.7 20.2 30.2



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: 36.10 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF087728.D

Acq: 6 Jun 2016 1:22

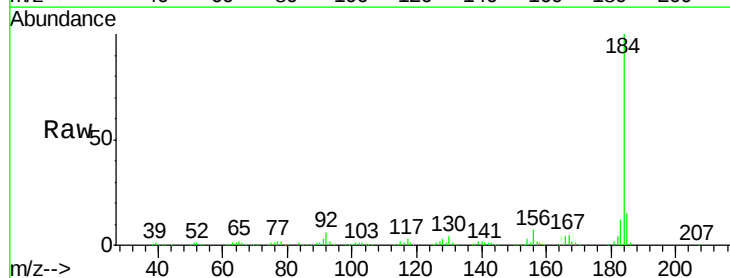
Tgt Ion:184 Resp: 370836

Ion Ratio Lower Upper

184 100

185 15.1 12.5 18.7

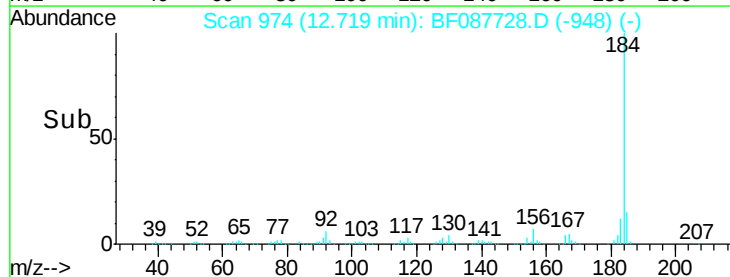
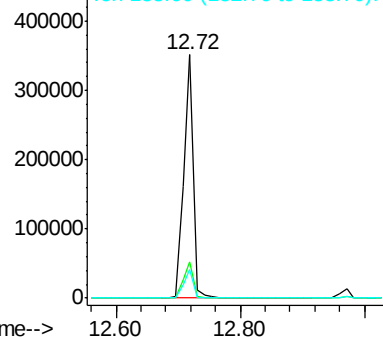
183 11.6 9.3 13.9

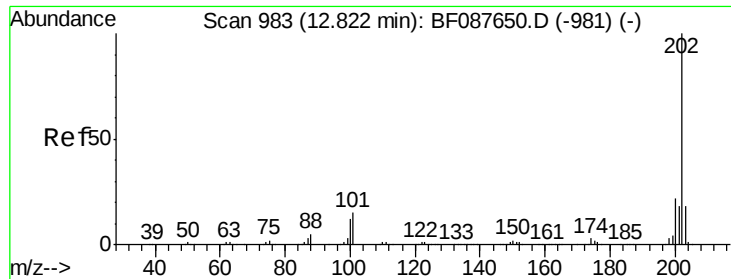


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

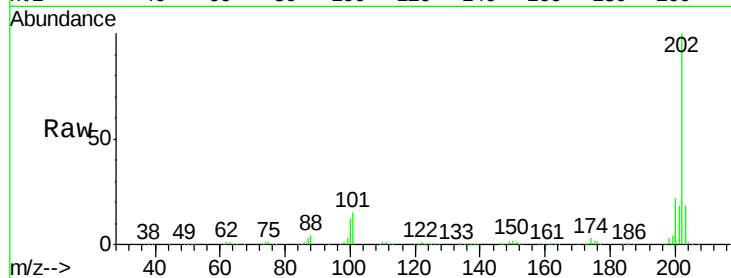




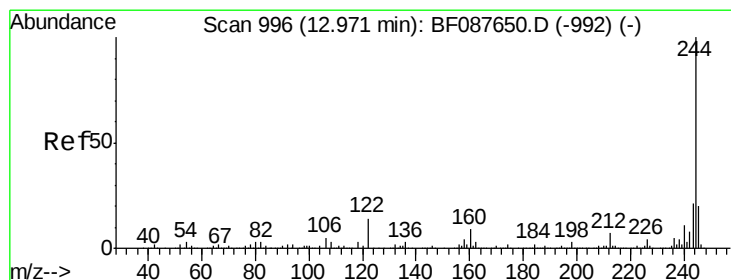
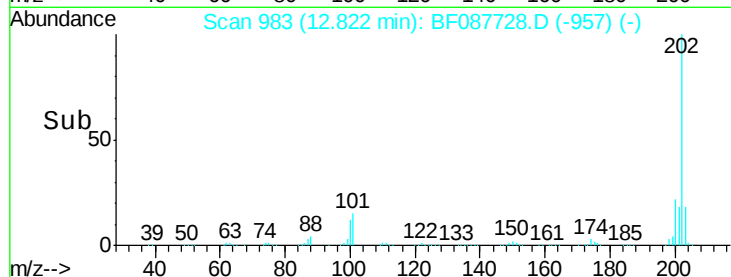
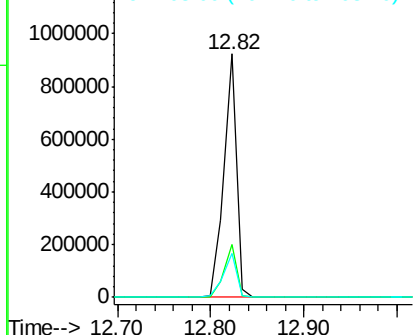
#77
 Pyrene
 Concen: 46.65 ng
 RT: 12.82 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 202 Resp: 865348
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.4 26.2
 203 18.1 14.5 21.7

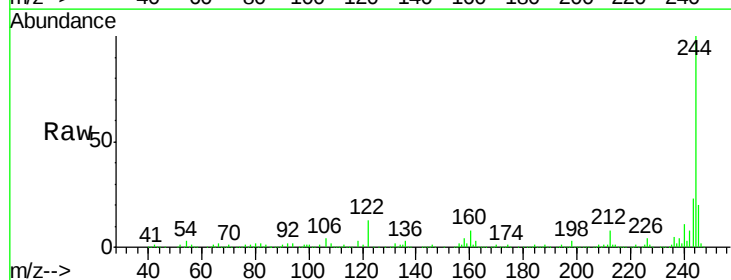


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

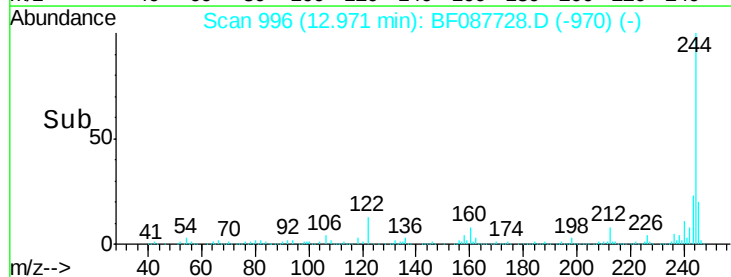
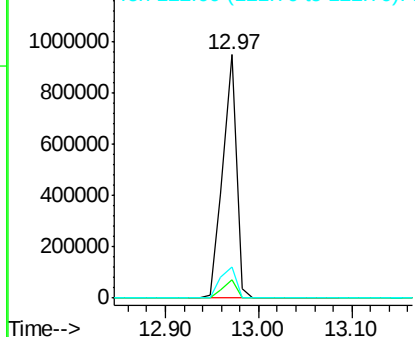


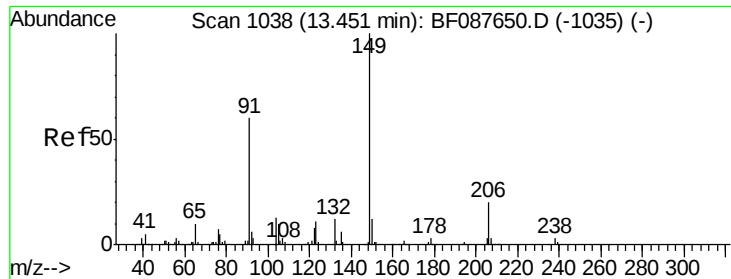
#78
 Terphenyl-d14
 Concen: 90.59 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

Tgt Ion: 244 Resp: 967144
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 12.7 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

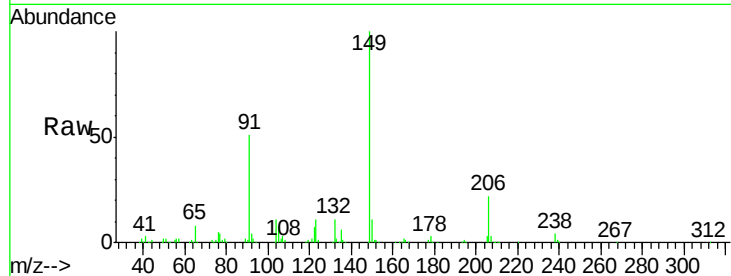




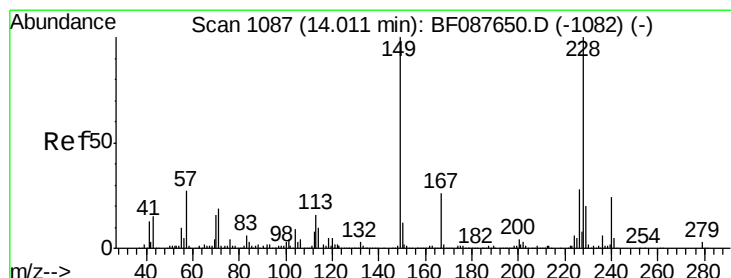
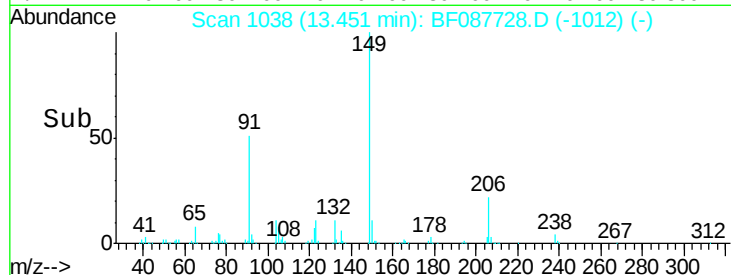
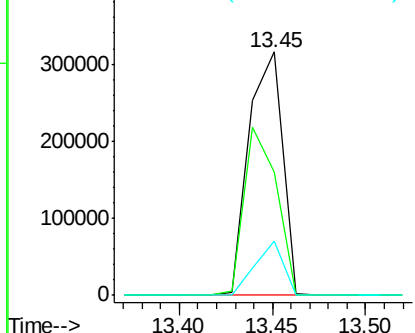
#79
Butylbenzylphthalate
Concen: 49.92 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF087728.D
Acq: 6 Jun 2016 1:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 394142
Ion Ratio Lower Upper
149 100
91 50.6 48.0 72.0
206 22.4 16.0 24.0

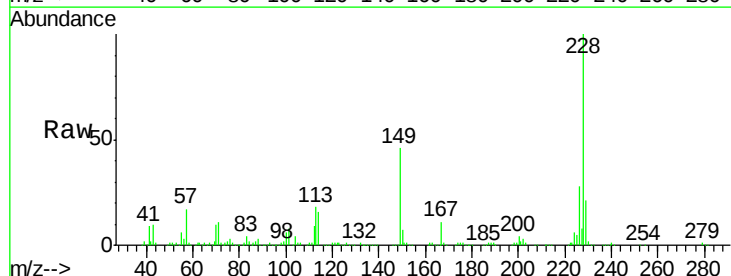


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

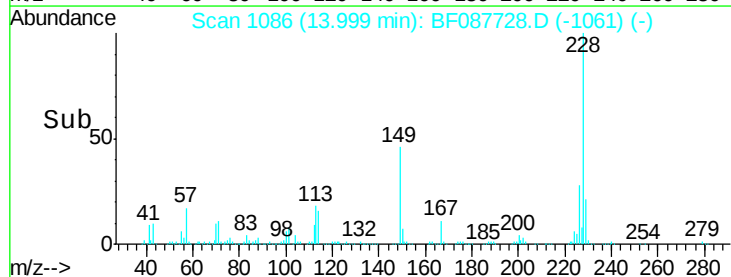
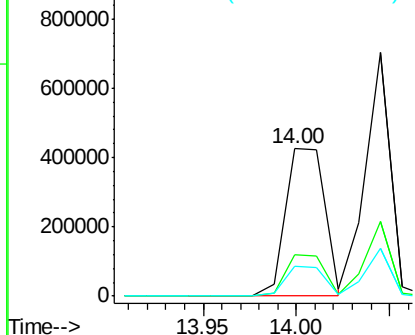


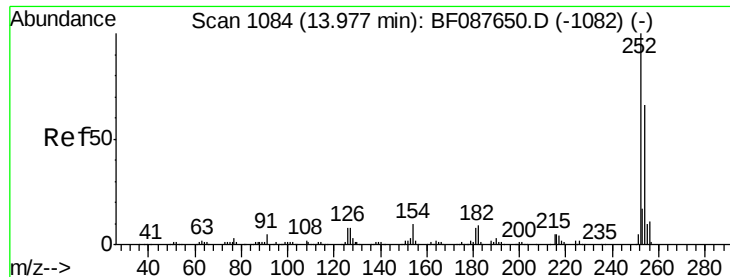
#80
Benzo(a)anthracene
Concen: 41.26 ng
RT: 14.00 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BF087728.D
Acq: 6 Jun 2016 1:22

Tgt Ion:228 Resp: 620392
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 20.6 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

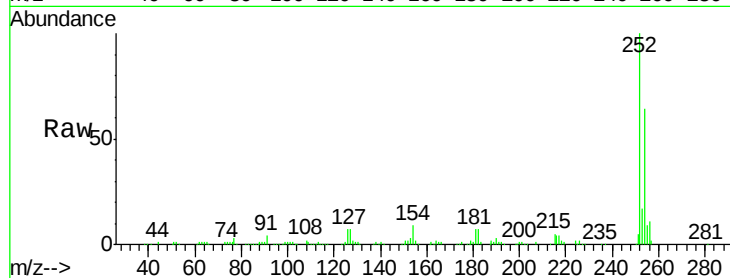




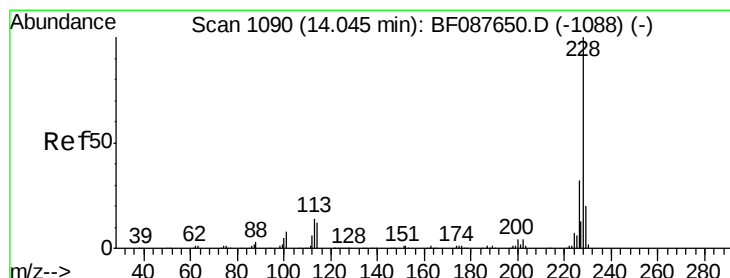
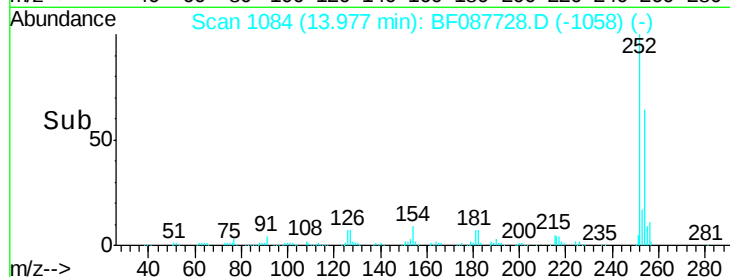
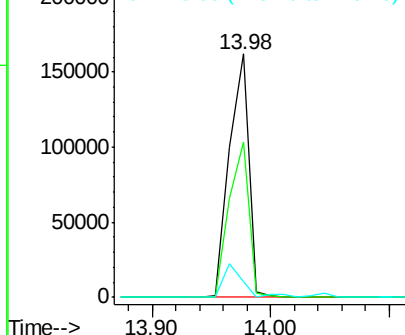
#81
 3,3'-Dichlorobenzidine
 Concen: 43.67 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 252 Resp: 185219
 Ion Ratio Lower Upper
 252 100
 254 63.8 52.6 78.8
 126 6.7 6.2 9.2

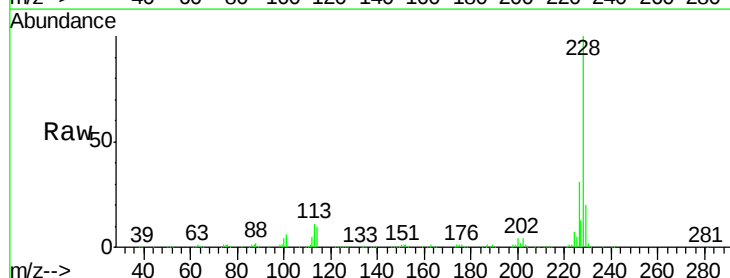


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

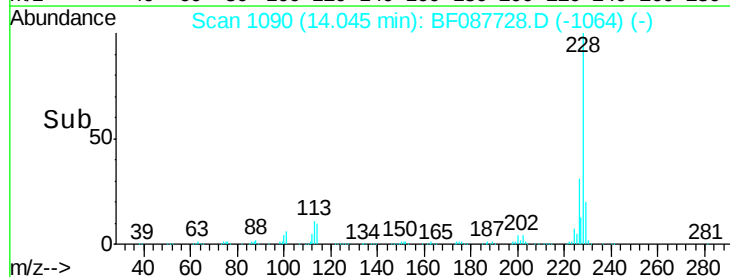
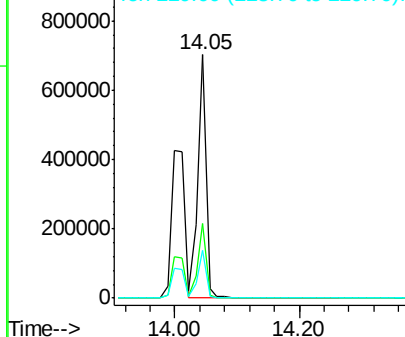


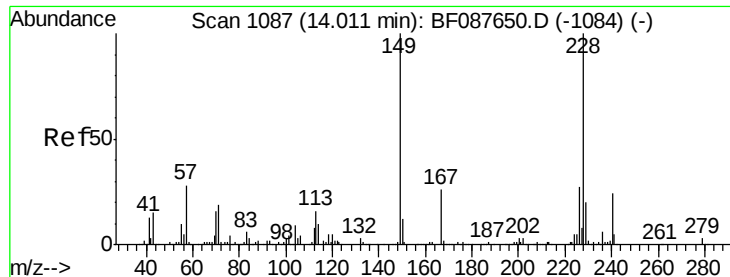
#82
 Chrysene
 Concen: 44.06 ng
 RT: 14.05 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

Tgt Ion: 228 Resp: 659370
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.4 38.2
 229 19.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

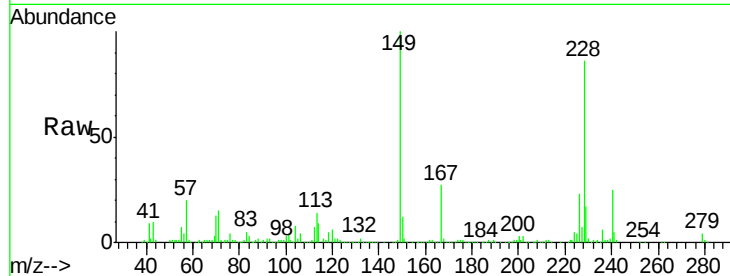




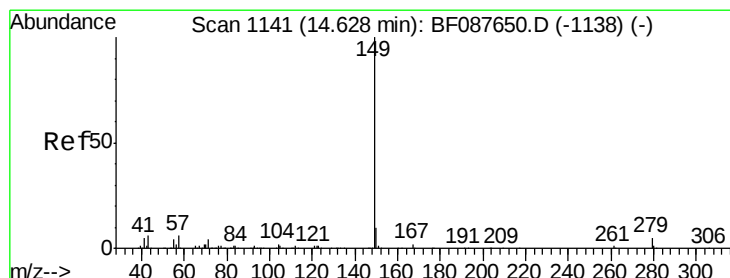
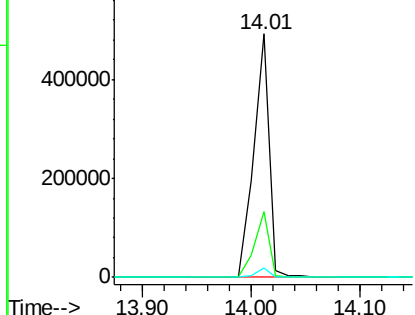
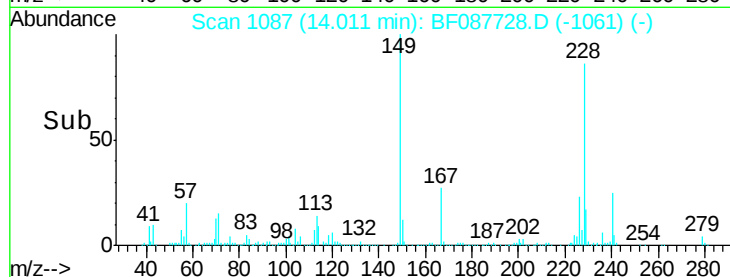
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.90 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:149 Resp: 487578
 Ion Ratio Lower Upper
 149 100
 167 27.2 20.5 30.7
 279 3.6 2.0 3.0#

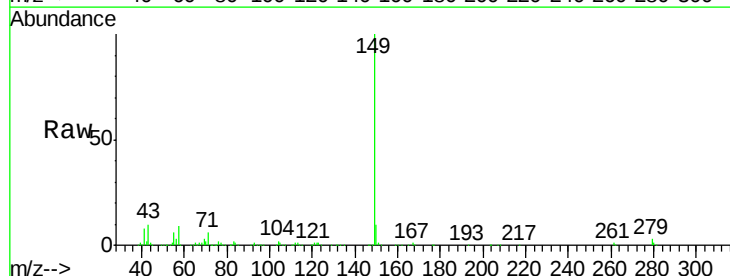


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

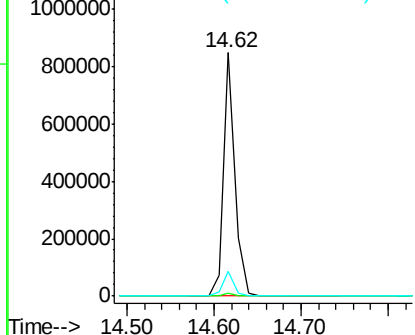
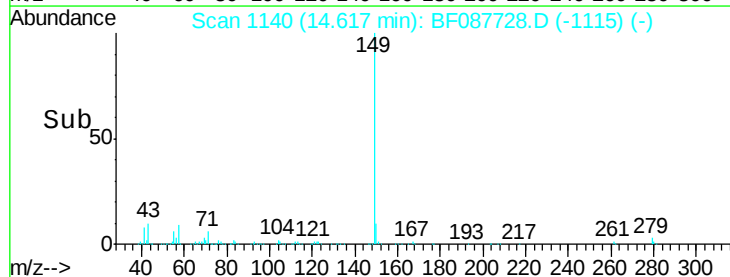


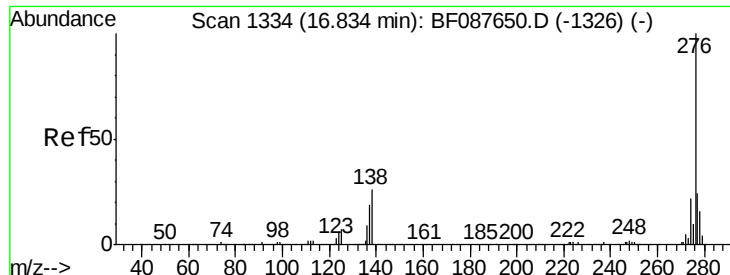
#84
 Di-n-octyl phthalate
 Concen: 44.85 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

Tgt Ion:149 Resp: 783361
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 9.7 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

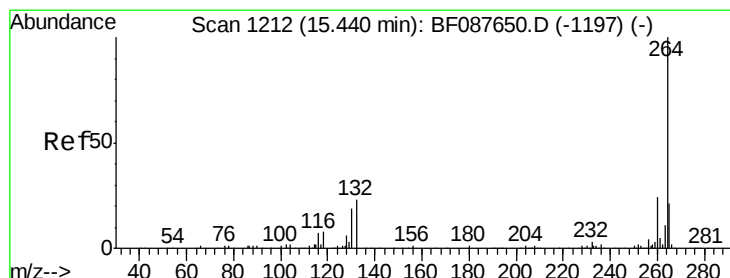
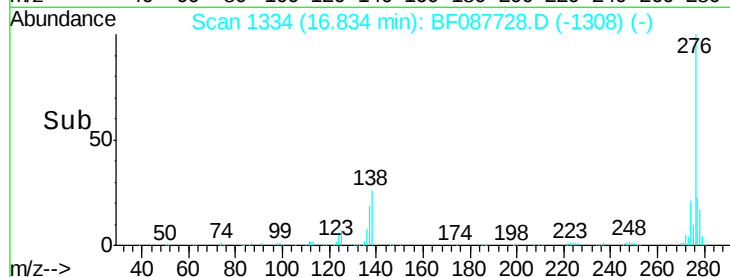
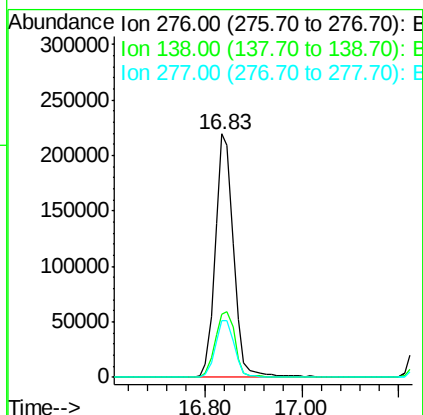
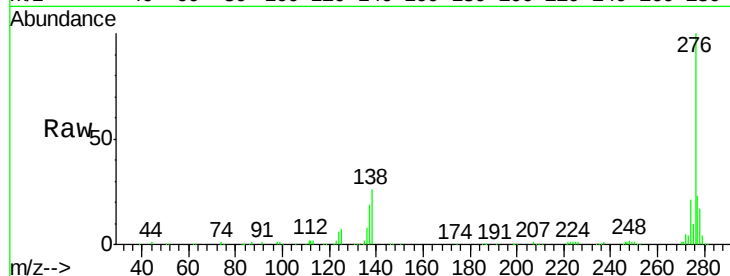




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.30 ng
 RT: 16.83 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

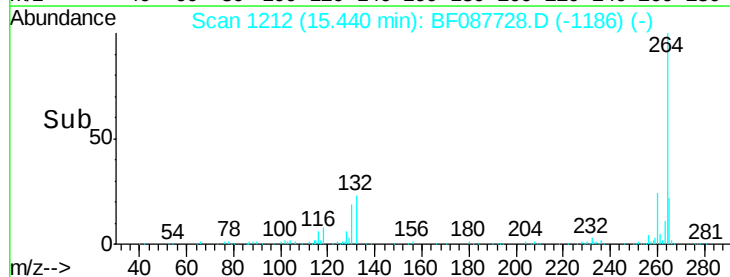
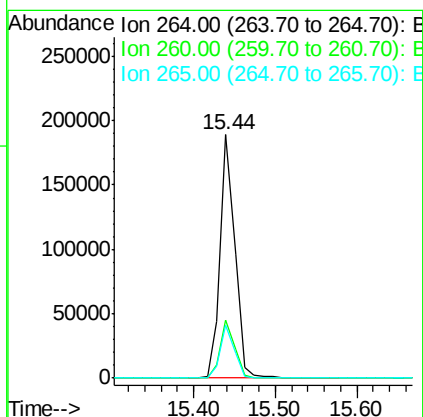
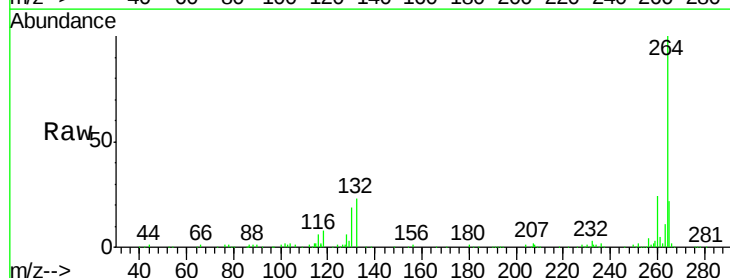
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

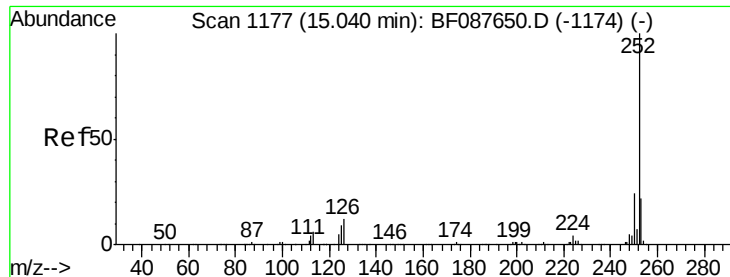
Tgt Ion: 276 Resp: 585110
 Ion Ratio Lower Upper
 276 100
 138 29.6 0.0 0.0#
 277 24.6 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

Tgt Ion: 264 Resp: 237345
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.8 16.9 25.3

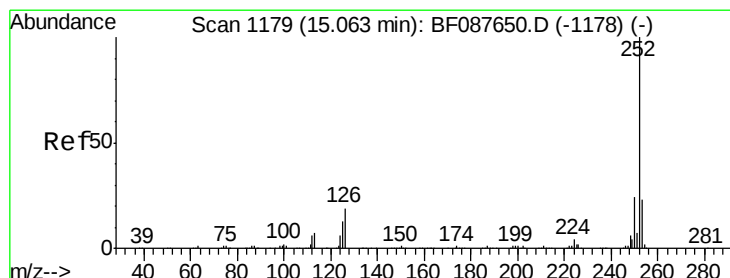
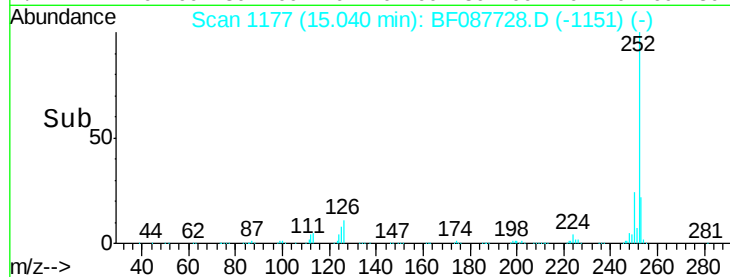
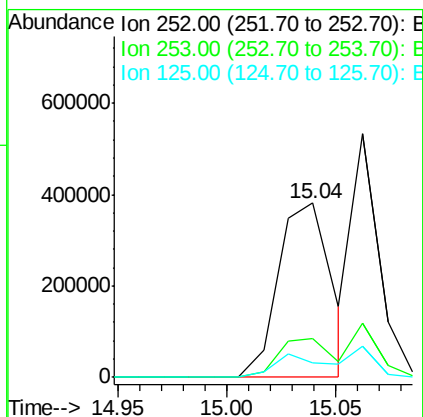
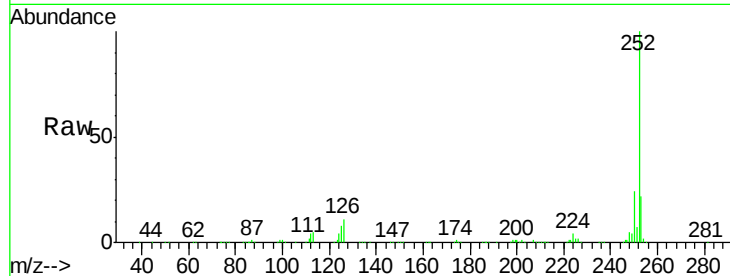




#87
Benzo(b)fluoranthene
Concen: 42.04 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF087728.D
Acq: 6 Jun 2016 1:22

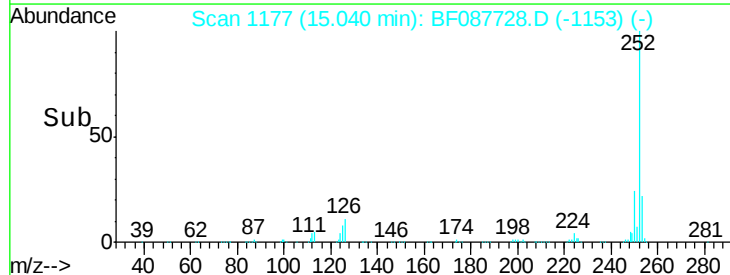
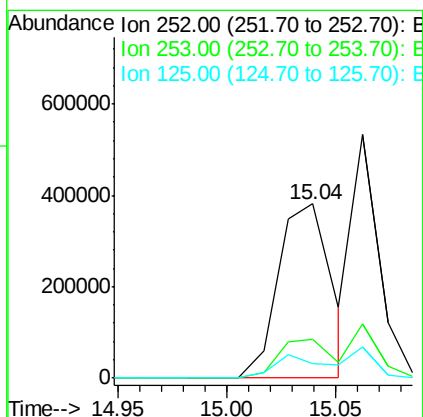
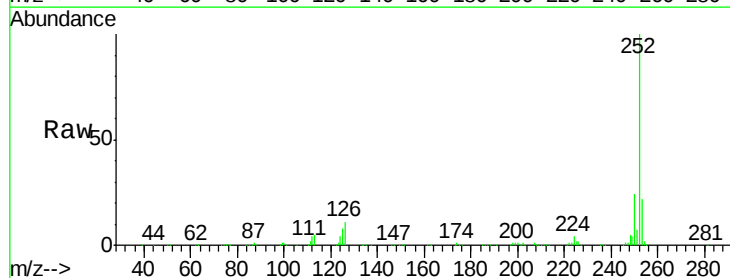
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

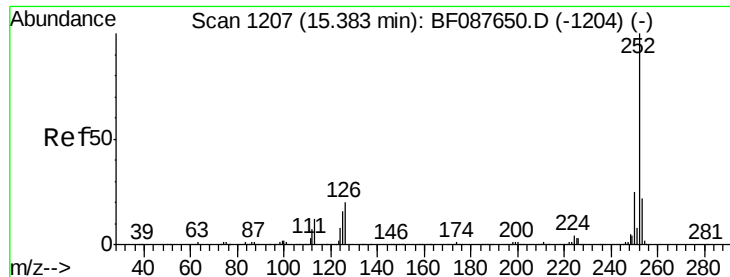
Tgt Ion:252 Resp: 649031
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 8.4 7.1 10.7



#88
Benzo(k)fluoranthene
Concen: 50.53 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF087728.D
Acq: 6 Jun 2016 1:22

Tgt Ion:252 Resp: 649031
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 8.4 11.2 16.8#

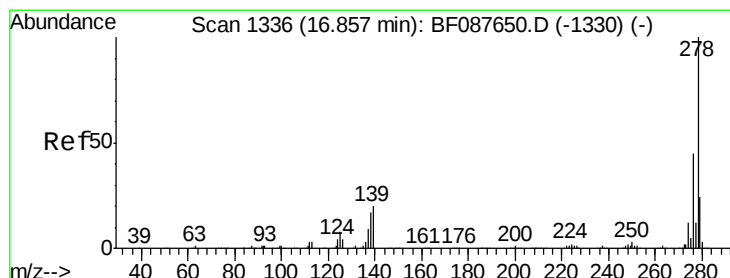
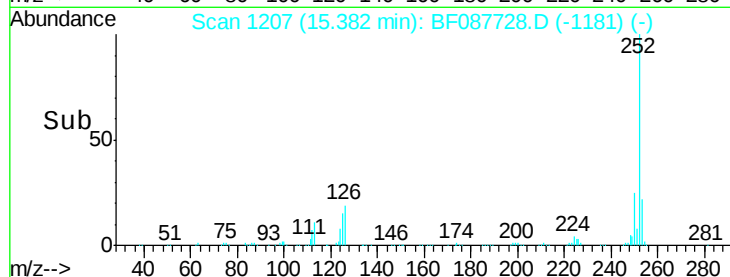
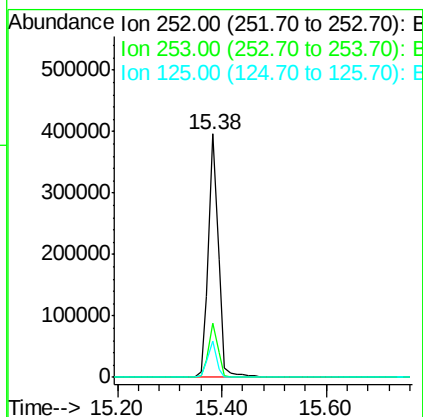
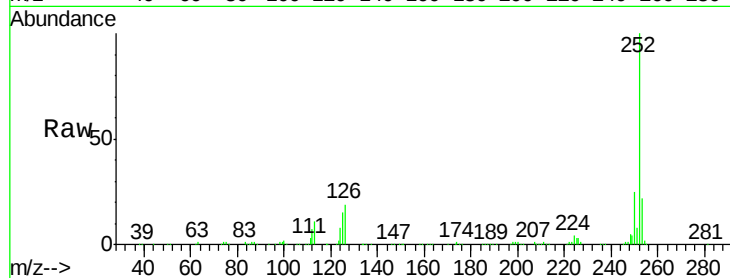




#89
Benzo(a)pyrene
Concen: 40.62 ng
RT: 15.38 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF087728.D
Acq: 6 Jun 2016 1:22

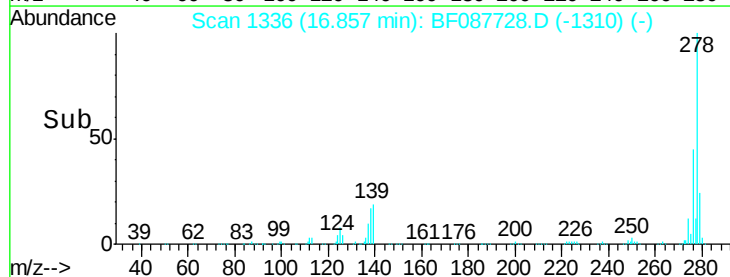
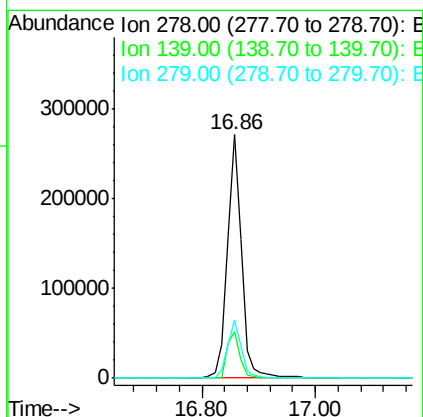
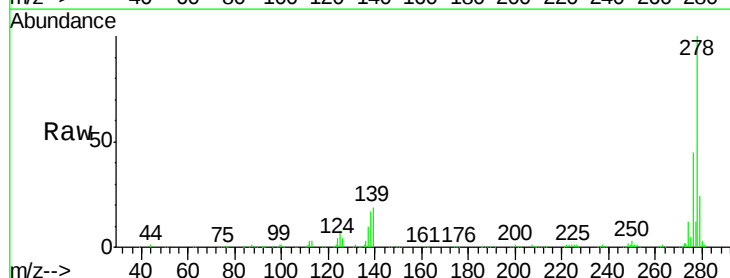
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

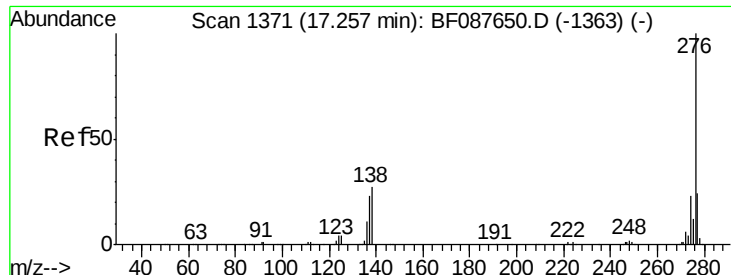
Tgt Ion: 252 Resp: 527207
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 15.0 12.5 18.7



#90
Dibenzo(a,h)anthracene
Concen: 43.43 ng
RT: 16.86 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF087728.D
Acq: 6 Jun 2016 1:22

Tgt Ion: 278 Resp: 479695
Ion Ratio Lower Upper
278 100
139 18.9 15.7 23.5
279 23.9 19.4 29.2

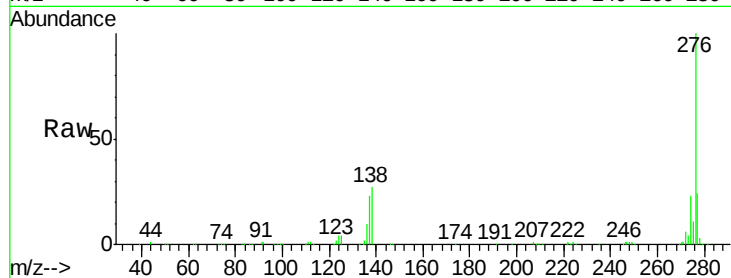




#91
 Benzo(g,h,i)perylene
 Concen: 43.29 ng
 RT: 17.26 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BF087728.D
 Acq: 6 Jun 2016 1:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	26.8	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

