

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082295.D
 Acq On : 15 Oct 2015 2:53
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 15 04:09:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	111305	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	439728	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	224818	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	426166	20.00	ng	-0.01
75) Chrysene-d12	14.04	240	336250	20.00	ng	0.02
86) Perylene-d12	15.53	264	267118	20.00	ng	0.09

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	414745	75.20	ng	-0.02
7) Phenol-d6	6.47	99	552044	76.92	ng	-0.01
23) Nitrobenzene-d5	7.41	82	524870	80.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	171602	81.39	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1093799	80.68	ng	-0.01
78) Terphenyl-d14	12.96	244	1110219	87.49	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.35	88	92447	33.36	ng	98
3) Pyridine	3.07	79	261631	40.60	ng	98
4) n-Nitrosodimethylamine	3.05	42	105476	38.59	ng	96
6) Aniline	6.49	93	376453	40.68	ng	98
8) 2-Chlorophenol	6.61	128	241613	35.89	ng	# 81
9) Benzaldehyde	6.38	77	155059	42.31	ng	94
10) Phenol	6.48	94	304710	36.82	ng	85
11) bis(2-Chloroethyl)ether	6.57	93	258319	36.92	ng	97
12) 1,3-Dichlorobenzene	6.77	146	302943	38.64	ng	96
13) 1,4-Dichlorobenzene	6.85	146	305153	37.27	ng	97
14) 1,2-Dichlorobenzene	6.99	146	271752	34.95	ng	97
15) Benzyl Alcohol	6.97	79	194343	39.23	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	346212	35.53	ng	98
17) 2-Methylphenol	7.10	107	204897	38.49	ng	99
18) Hexachloroethane	7.34	117	108635	38.76	ng	92
19) n-Nitroso-di-n-propylamine	7.25	70	182240	36.16	ng	# 84
20) 3+4-Methylphenols	7.25	107	230425	36.32	ng	93
22) Acetophenone	7.25	105	333588	38.35	ng	97
24) Nitrobenzene	7.42	77	254736	35.94	ng	100
25) Isophorone	7.66	82	499315	37.78	ng	98
26) 2-Nitrophenol	7.74	139	154044	43.53	ng	93
27) 2,4-Dimethylphenol	7.78	122	231304	40.57	ng	93
28) bis(2-Chloroethoxy)methane	7.87	93	322694	41.97	ng	99
29) 2,4-Dichlorophenol	7.98	162	229639	40.29	ng	96
30) 1,2,4-Trichlorobenzene	8.06	180	255724	38.92	ng	99
31) Naphthalene	8.14	128	700449	36.75	ng	100
32) Benzoic acid	7.91	122	97722	25.54	ng	97
33) 4-Chloroaniline	8.19	127	322343	40.72	ng	99
34) Hexachlorobutadiene	8.25	225	161458	39.44	ng	98
35) Caprolactam	8.58	113	62887	38.02	ng	# 79
36) 4-Chloro-3-methylphenol	8.69	107	236824	42.49	ng	# 88
37) 2-Methylnaphthalene	8.83	142	534724	40.46	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	244603	36.58	ng	98
40) Hexachlorocyclopentadiene	8.98	237	79395	29.33	ng	100

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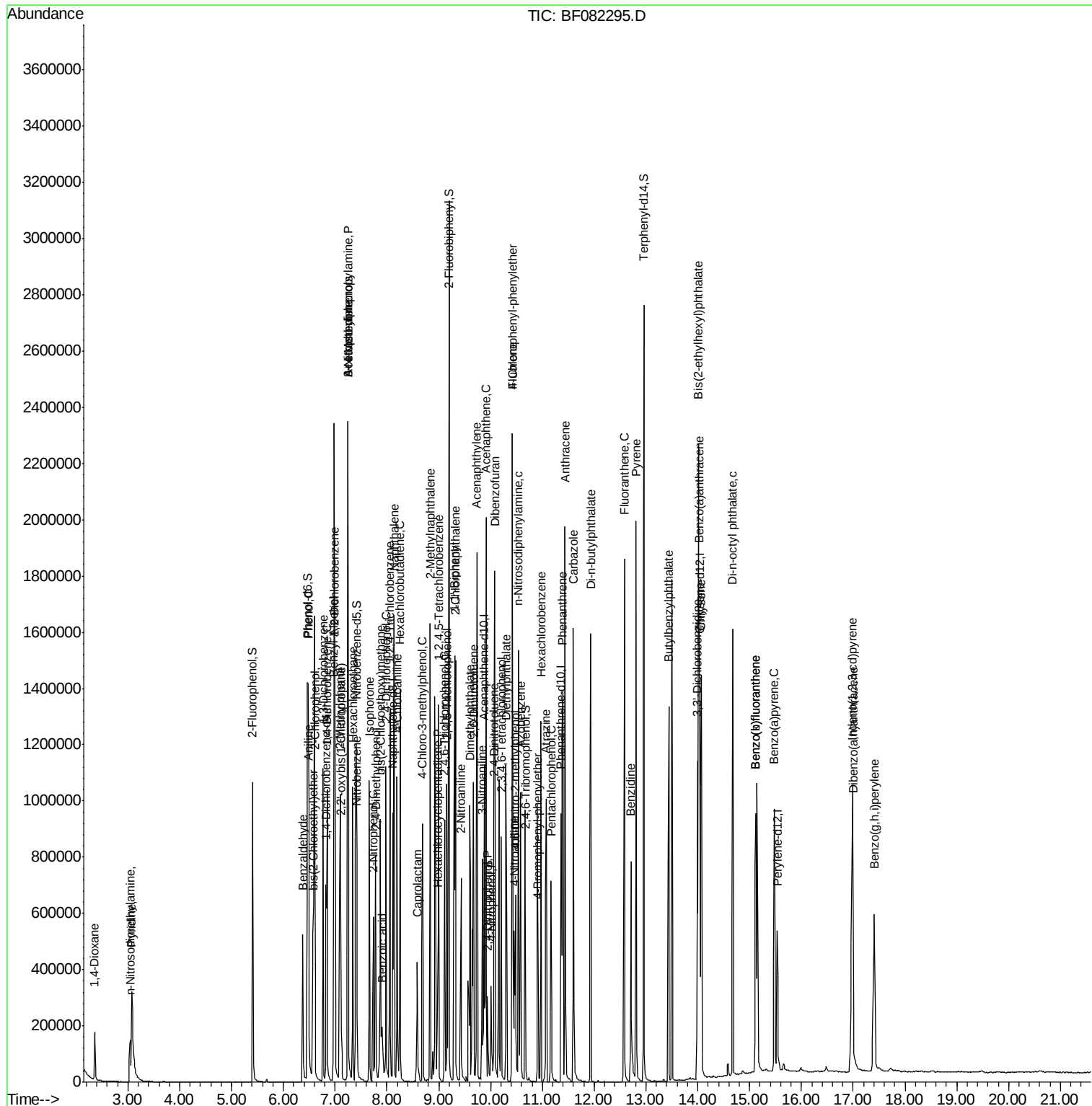
Instrument :
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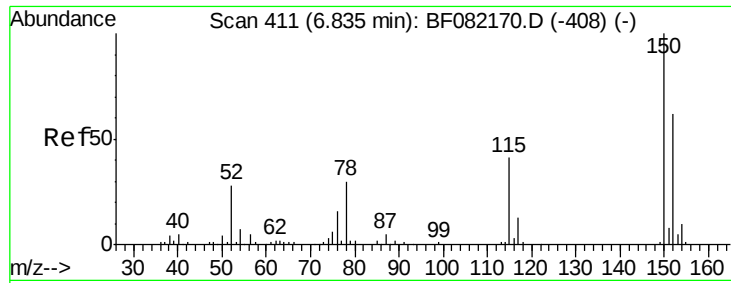
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	165325	37.22	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	180190	37.45	nq	# 92
45) 1,1'-Biphenyl	9.30	154	653453	38.12	nq	95
46) 2-Chloronaphthalene	9.33	162	525405	38.93	nq	98
47) 2-Nitroaniline	9.43	65	157899	42.62	nq	# 69
48) Acenaphthylene	9.74	152	765338	36.40	nq	99
49) Dimethylphthalate	9.60	163	607030	38.34	nq	100
50) 2,6-Dinitrotoluene	9.67	165	126922	38.00	nq	# 81
51) Acenaphthene	9.91	154	466748	36.98	nq	99
52) 3-Nitroaniline	9.84	138	147776	39.17	nq	92
53) 2,4-Dinitrophenol	9.94	184	55961	33.98	nq	# 83
54) Dibenzofuran	10.08	168	641733	37.03	nq	98
55) 4-Nitrophenol	10.01	139	88418	41.78	nq	91
56) 2,4-Dinitrotoluene	10.07	165	159877	38.29	nq	91
57) Fluorene	10.42	166	511154	35.92	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	159008	40.45	nq	93
59) Diethylphthalate	10.30	149	576682	39.08	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	248641	38.14	nq	# 77
61) 4-Nitroaniline	10.46	138	152200	41.59	nq	97
62) Azobenzene	10.58	77	554298	38.38	nq	83
64) 4,6-Dinitro-2-methylphenol	10.48	198	87785	36.71	nq	# 65
65) n-Nitrosodiphenylamine	10.54	169	475533	37.27	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	162916	38.20	nq	# 78
67) Hexachlorobenzene	10.97	284	179768	38.97	nq	# 82
68) Atrazine	11.07	200	171717	42.48	nq	99
69) Pentachlorophenol	11.17	266	95734	40.33	nq	98
70) Phenanthrene	11.39	178	837445	40.09	nq	99
71) Anthracene	11.44	178	811480	37.70	nq	99
72) Carbazole	11.60	167	744029	37.89	nq	99
73) Di-n-butylphthalate	11.93	149	986448	40.72	nq	99
74) Fluoranthene	12.58	202	888269	39.59	nq	99
76) Benzidine	12.71	184	413813	42.47	nq	100
77) Pyrene	12.81	202	879109	44.05	nq	99
79) Butylbenzylphthalate	13.44	149	416501	45.74	nq	86
80) Benzo(a)anthracene	14.02	228	682921	39.03	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	269225	40.54	nq	99
82) Chrysene	14.07	228	731545	39.68	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	530794	40.85	nq	# 98
84) Di-n-octyl phthalate	14.68	149	844108	37.83	nq	100
85) Indeno(1,2,3-cd)pyrene	16.98	276	633997	43.27	nq	99
87) Benzo(b)fluoranthene	15.12	252	586792	36.11	nq	# 96
88) Benzo(k)fluoranthene	15.12	252	586792	42.96	nq	99
89) Benzo(a)pyrene	15.48	252	521550	37.34	nq	99
90) Dibenzo(a,h)anthracene	17.00	278	530302	46.33	nq	# 95
91) Benzo(g,h,i)perylene	17.41	276	533382	47.97	nq	98

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

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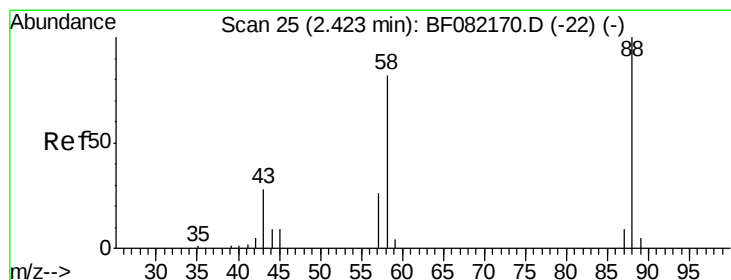
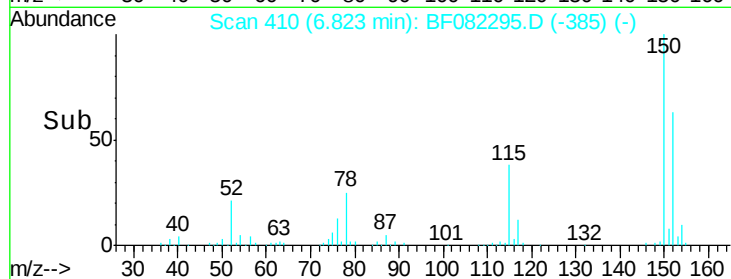
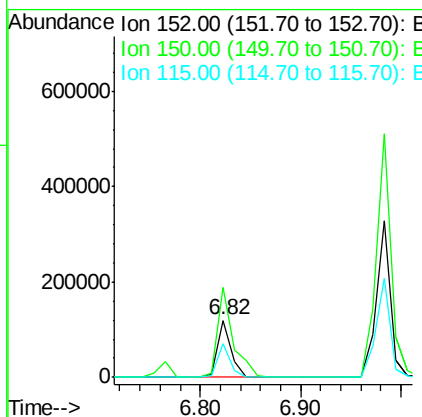
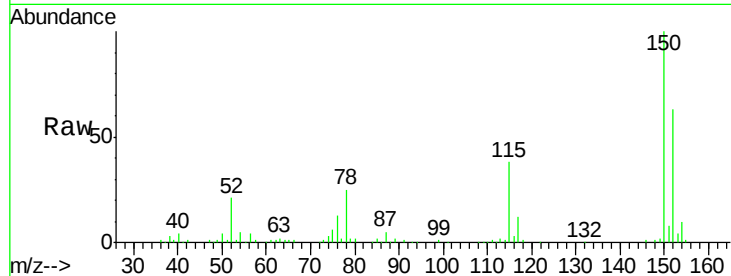


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 2:53

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SSTDCCC040

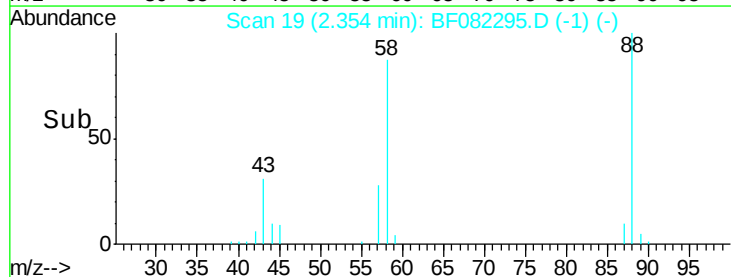
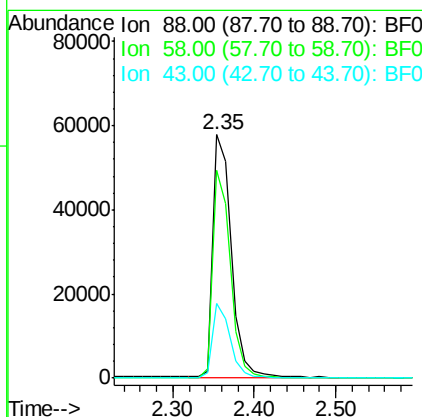
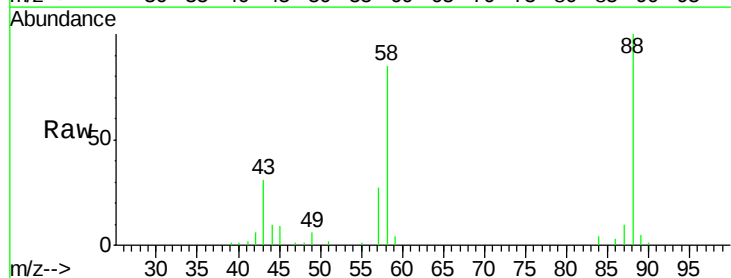
Tot Ion:152 Resp: 111305
Ion Ratio Lower Upper
152 100
150 158.8 129.0 193.4
115 59.7 52.1 78.1

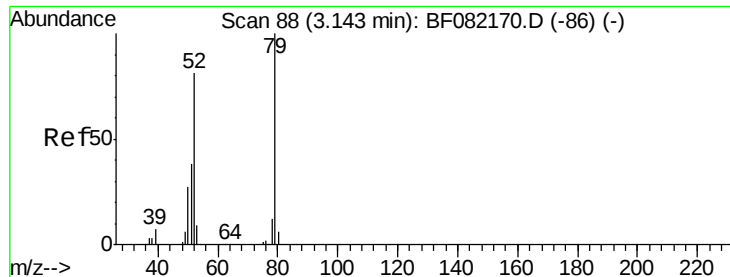


#2

1,4-Dioxane
Concen: 33.36 ng
RT: 2.35 min Scan# 19
Delta R.T. -0.07 min
Lab File: BF082295.D
Acq: 15 Oct 2015 2:53

Tgt Ion: 88 Resp: 92447
Ion Ratio Lower Upper
88 100
58 80.9 66.2 99.4
43 29.0 23.0 34.4





#3

Pvridine

Concen: 40.60 ng

RT: 3.07 min Scan# 82

Delta R.T. -0.07 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

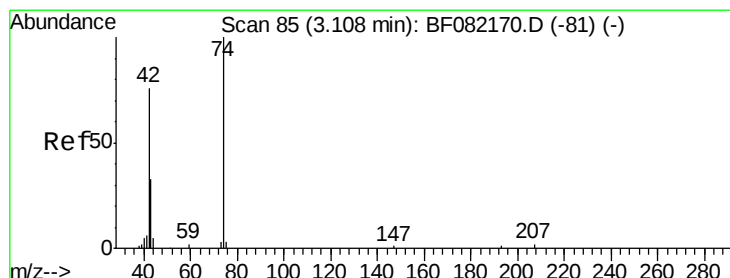
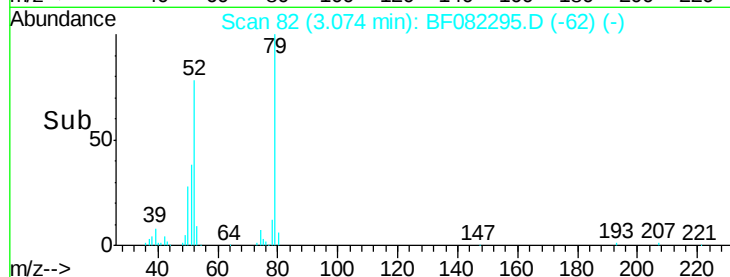
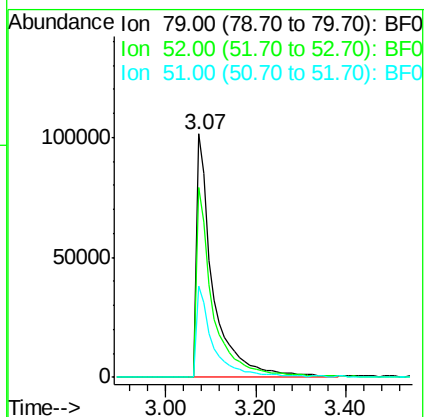
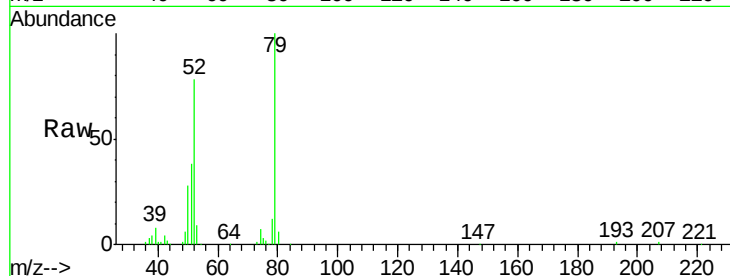
Tot Ion: 79 Resp: 261631

Ion Ratio Lower Upper

79 100

52 78.0 64.4 96.6

51 37.8 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 38.59 ng

RT: 3.05 min Scan# 80

Delta R.T. -0.06 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

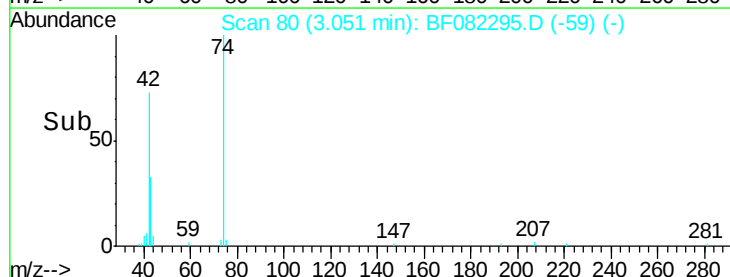
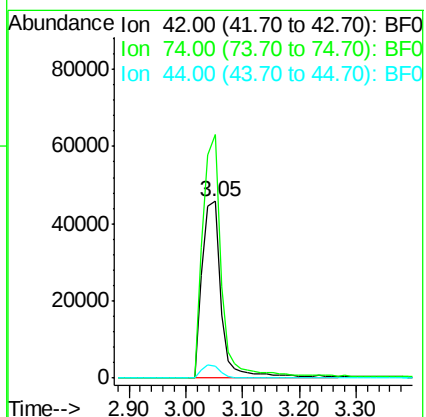
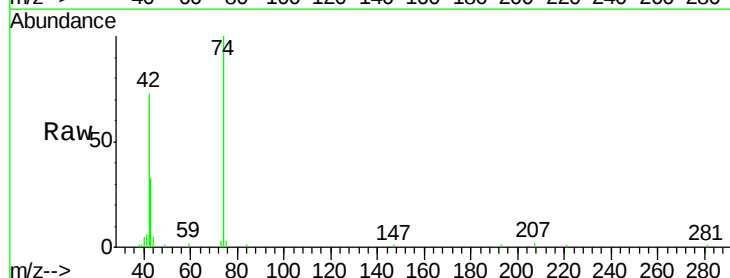
Tgt Ion: 42 Resp: 105476

Ion Ratio Lower Upper

42 100

74 137.6 105.7 158.5

44 6.6 5.4 8.2





#5

2-Fluorophenol

Concen: 75.20 ng

RT: 5.41 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

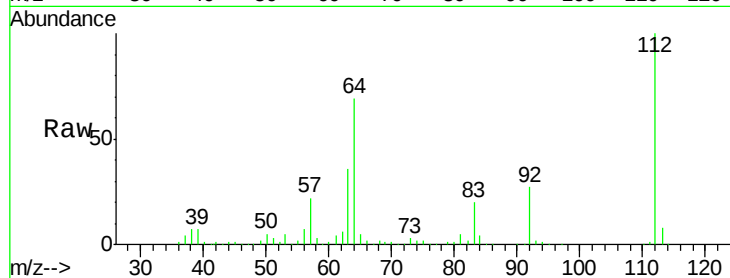
Tot Ion:112 Resp: 414745

Ion Ratio Lower Upper

112 100

64 68.8 48.6 73.0

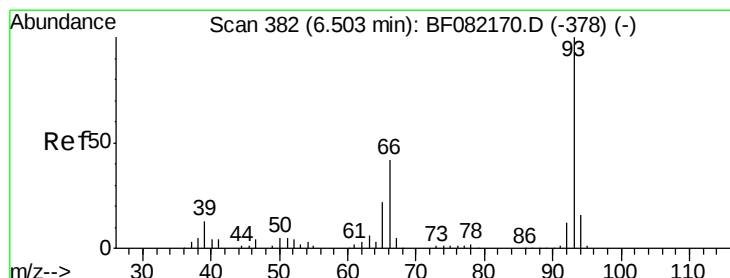
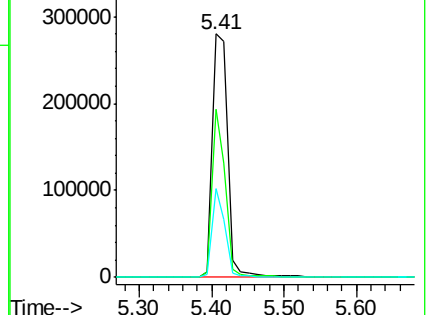
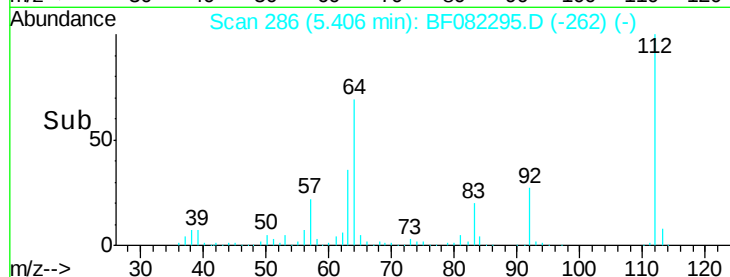
63 36.4 25.1 37.7



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: 40.68 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

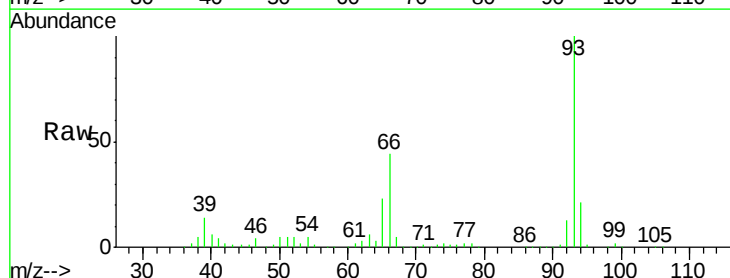
Tgt Ion: 93 Resp: 376453

Ion Ratio Lower Upper

93 100

66 44.4 34.2 51.2

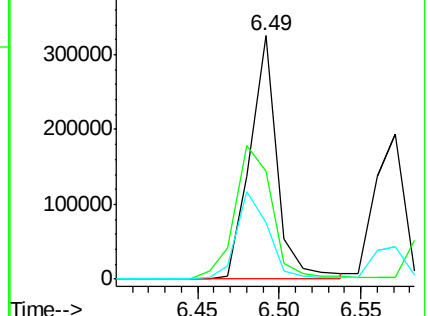
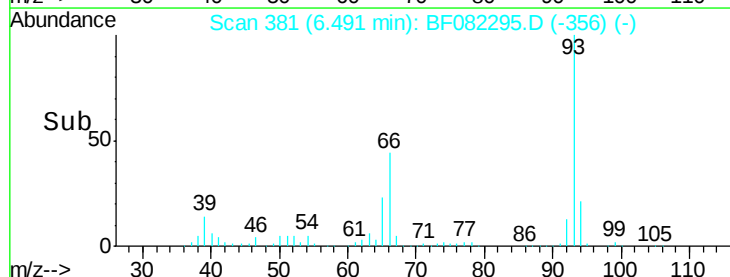
65 23.2 17.9 26.9

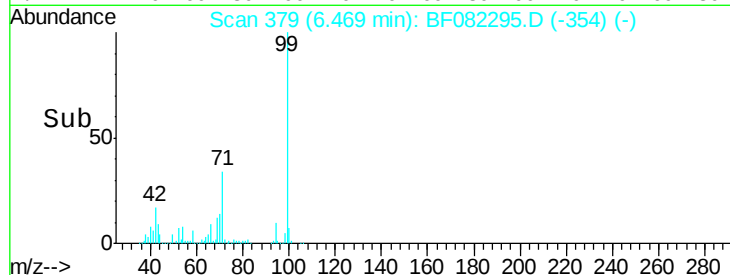
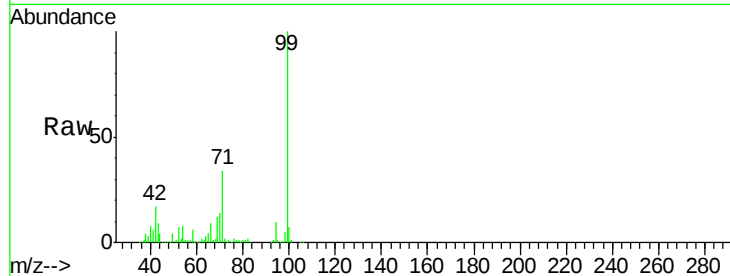


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.92 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF082295.D

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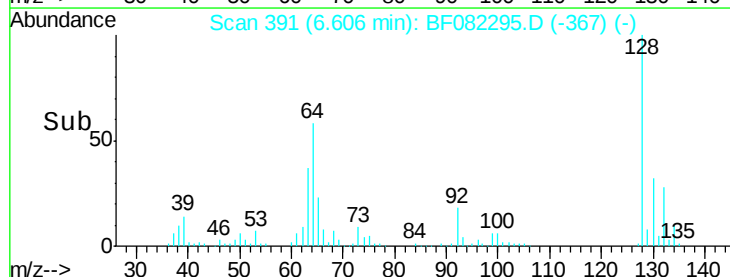
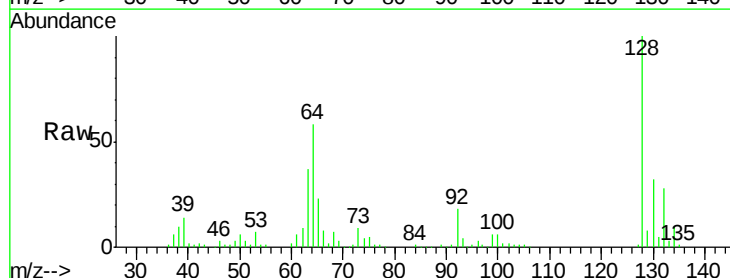
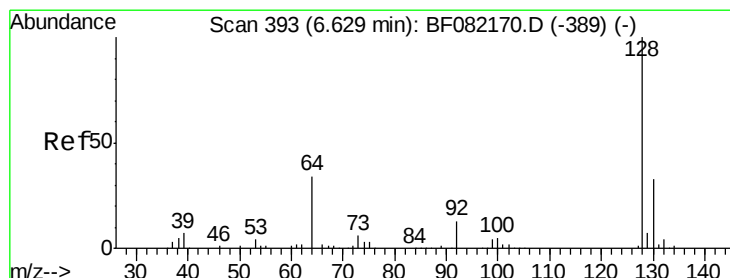
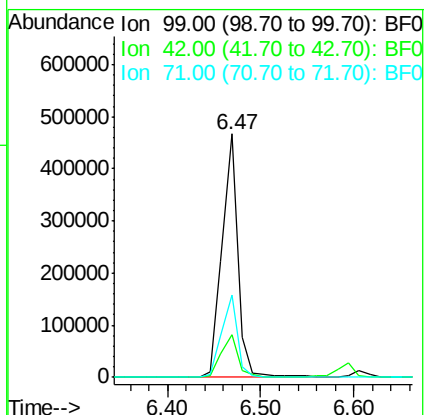
Tot Ion: 99 Resp: 552044

Ion Ratio Lower Upper

99 100

42 17.5 13.2 19.8

71 34.0 25.6 38.4



#8

2-Chlorophenol

Concen: 35.89 ng

RT: 6.61 min Scan# 391

Delta R.T. -0.02 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

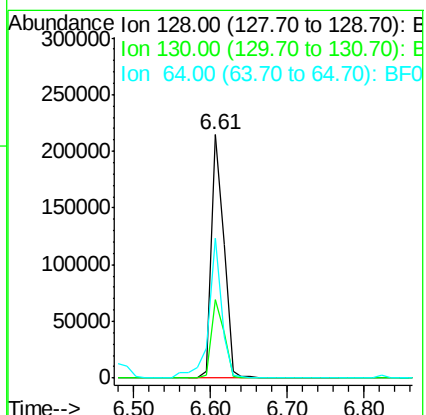
Tgt Ion: 128 Resp: 241613

Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

64 57.5 16.7 56.7#





#9

Benzaldehyde

Concen: 42.31 ng

RT: 6.38 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

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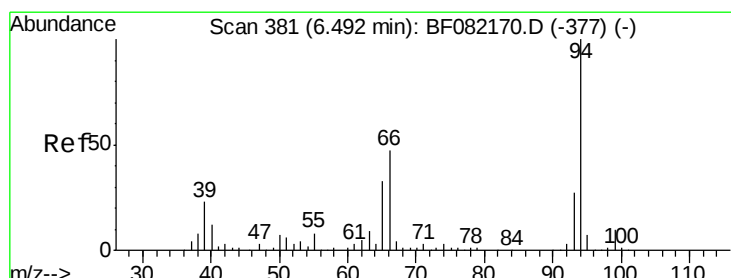
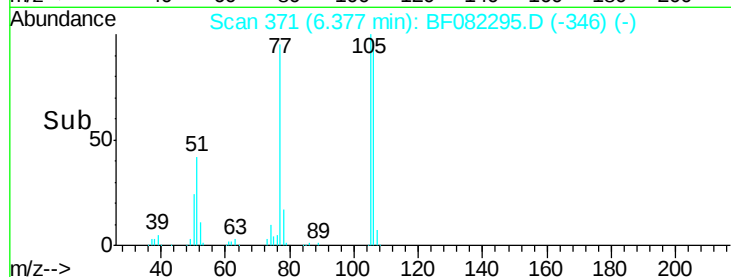
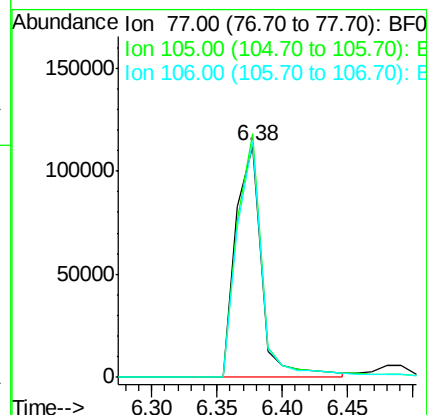
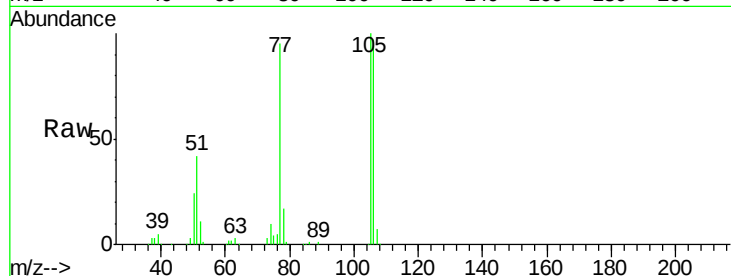
Tot Ion: 77 Resp: 155059

Ion Ratio Lower Upper

77 100

105 105.2 80.6 120.6

106 102.1 75.5 115.5



#10

Phenol

Concen: 36.82 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

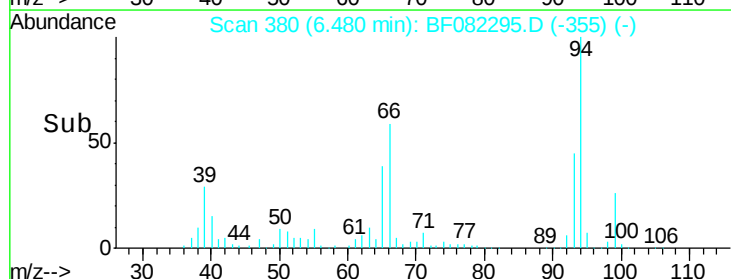
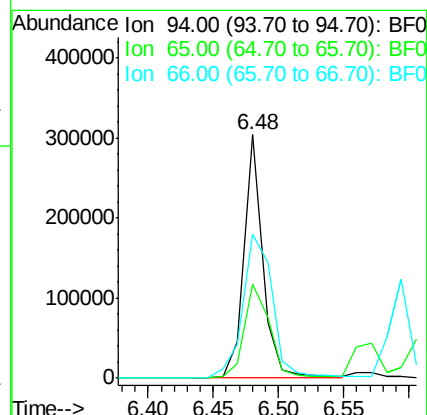
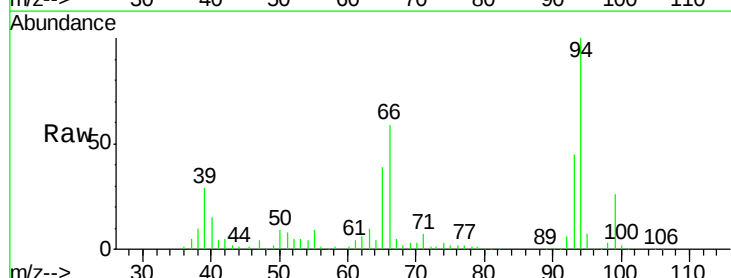
Tgt Ion: 94 Resp: 304710

Ion Ratio Lower Upper

94 100

65 38.5 12.6 52.6

66 58.9 27.3 67.3





#11

bis(2-Chloroethyl)ether

Concen: 36.92 ng

RT: 6.57 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

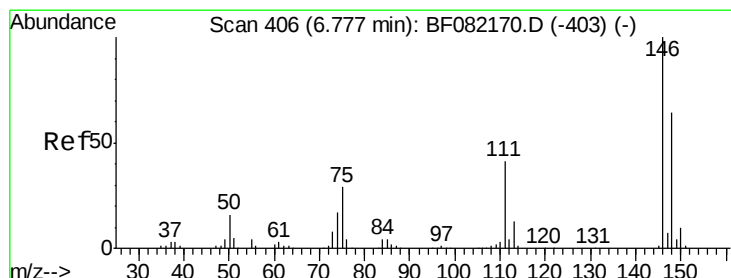
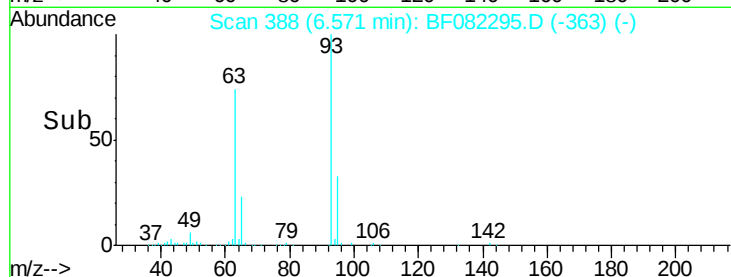
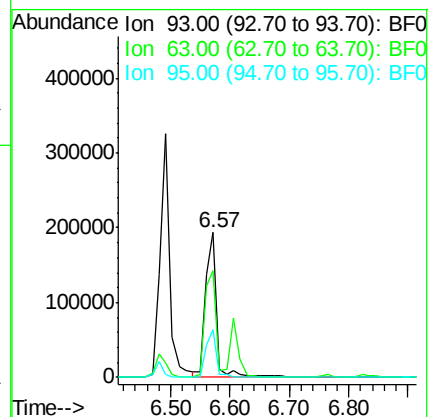
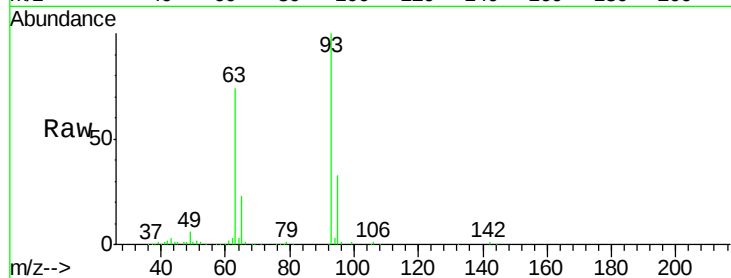
Tot Ion: 93 Resp: 258319

Ion Ratio Lower Upper

93 100

63 73.7 57.1 97.1

95 33.1 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 38.64 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

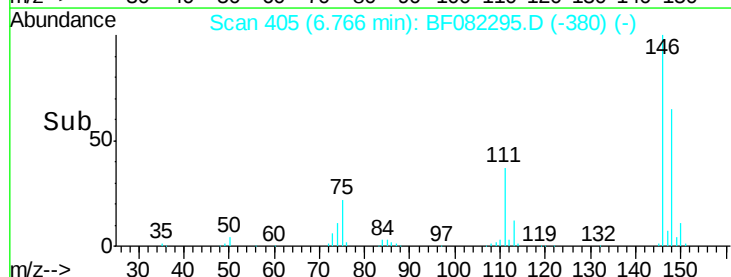
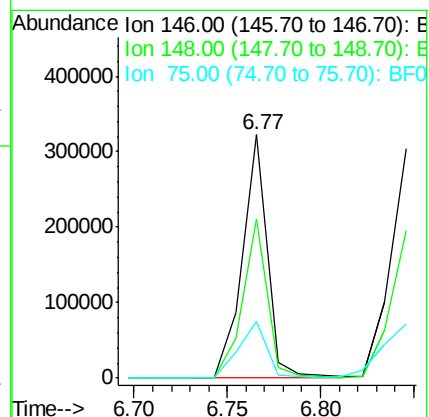
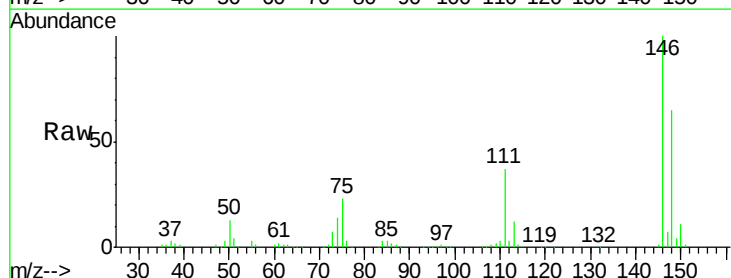
Tgt Ion: 146 Resp: 302943

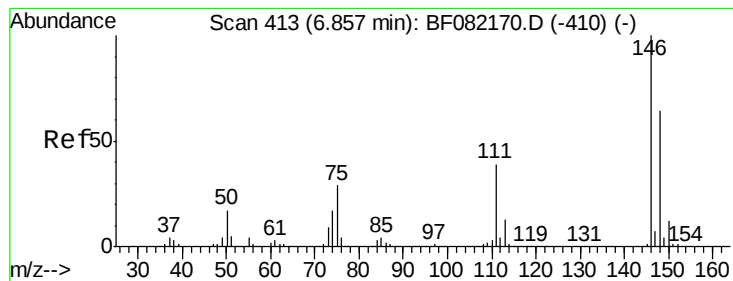
Ion Ratio Lower Upper

146 100

148 65.1 51.4 77.2

75 23.5 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 37.27 ng

RT: 6.85 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

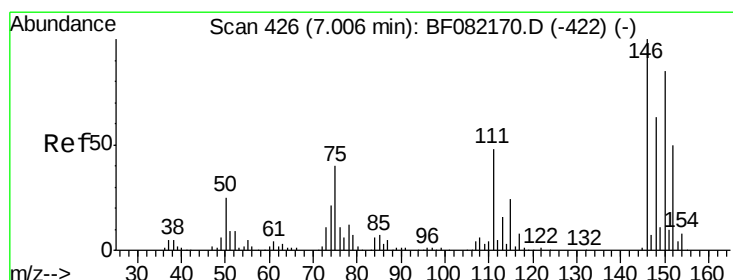
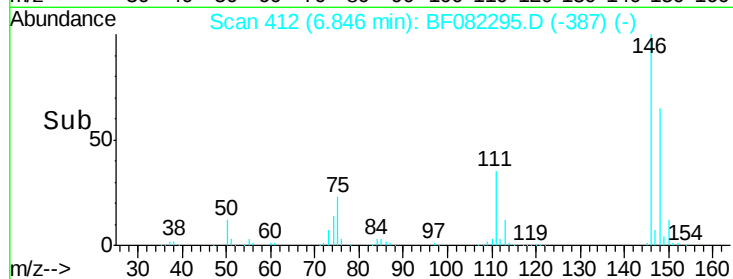
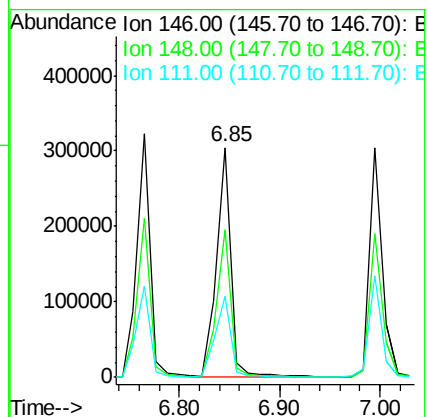
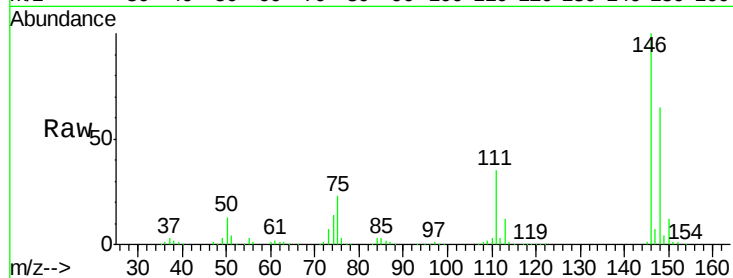
Tot Ion:146 Resp: 305153

Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.4

111 35.5 31.1 46.7



#14

1,2-Dichlorobenzene

Concen: 34.95 ng

RT: 6.99 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

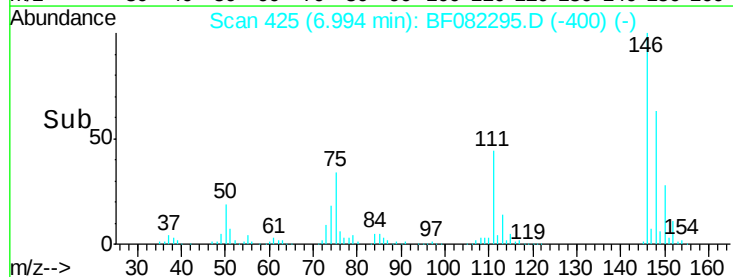
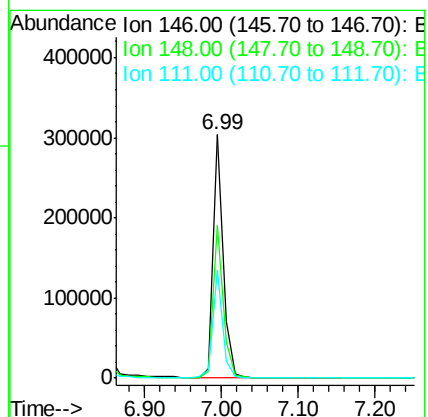
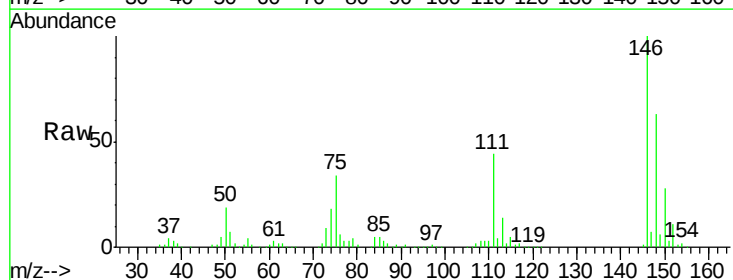
Tgt Ion:146 Resp: 271752

Ion Ratio Lower Upper

146 100

148 62.7 50.5 75.7

111 44.5 38.5 57.7

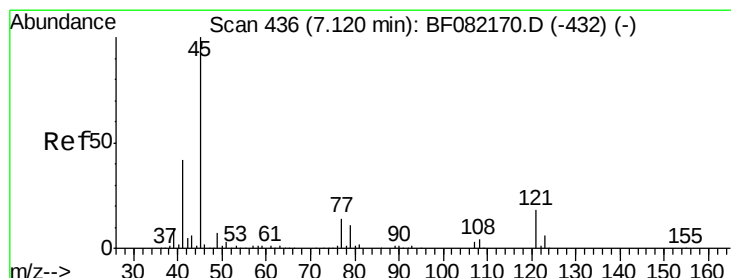
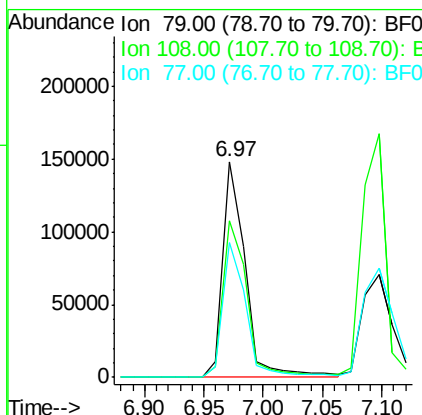
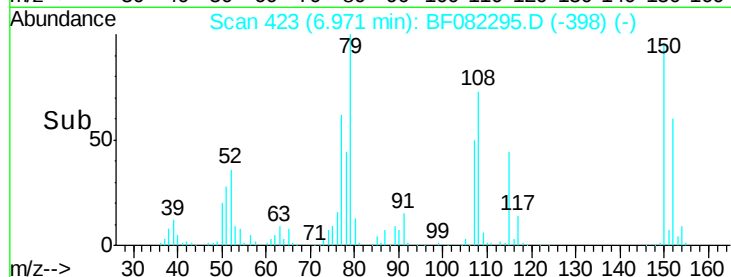
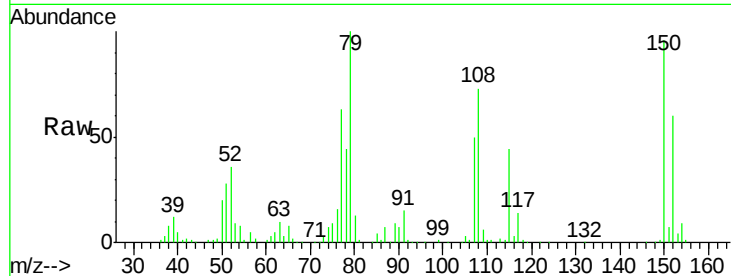




#15
Benzyl Alcohol
Concen: 39.23 ng
RT: 6.97 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 2:53

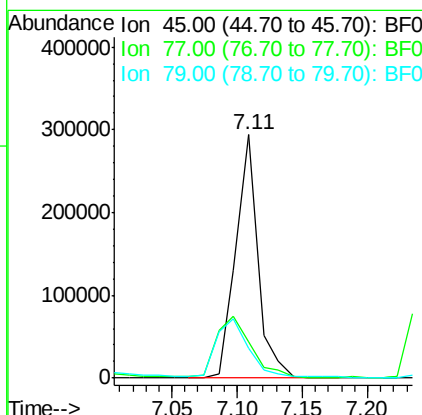
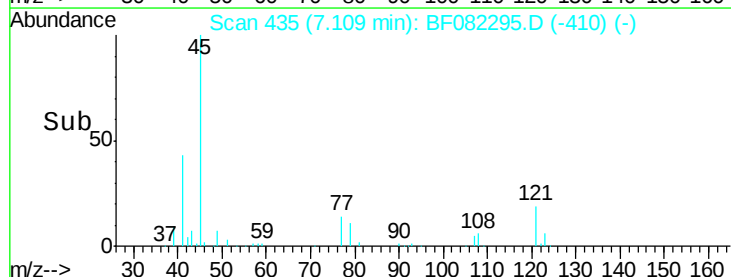
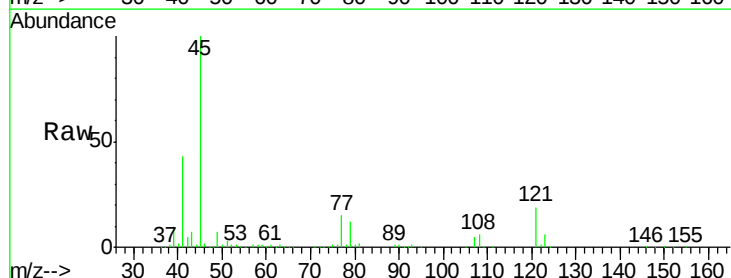
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

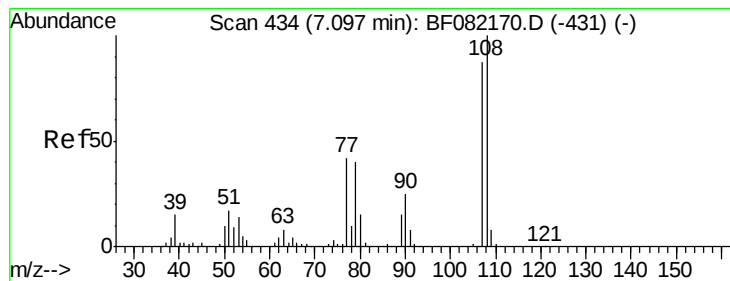
Tot Ion: 79 Resp: 194343
Ion Ratio Lower Upper
79 100
108 72.7 58.4 87.6
77 62.7 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.53 ng
RT: 7.11 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 2:53

Tgt Ion: 45 Resp: 346212
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.5
79 12.5 0.0 31.6





#17

2-Methylphenol

Concen: 38.49 ng

RT: 7.10 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 204897

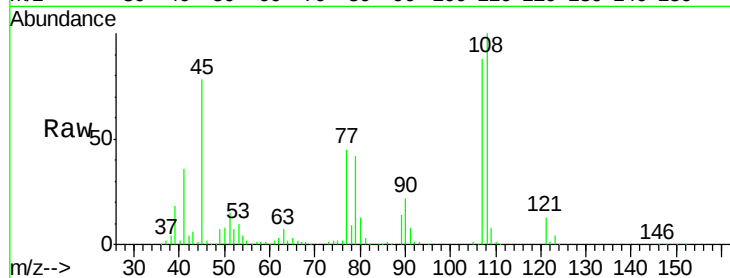
Ion Ratio Lower Upper

107 100

108 113.9 92.2 138.2

77 51.4 39.6 59.4

79 48.4 38.2 57.4

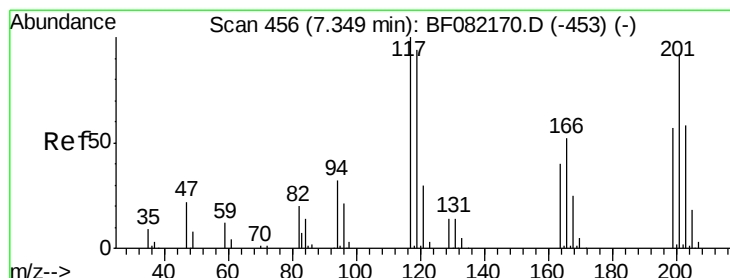
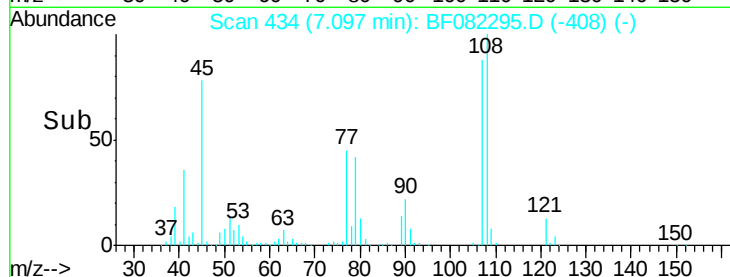
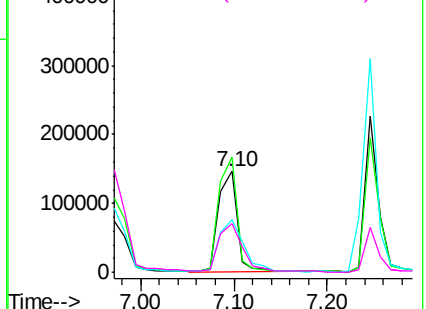


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.76 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

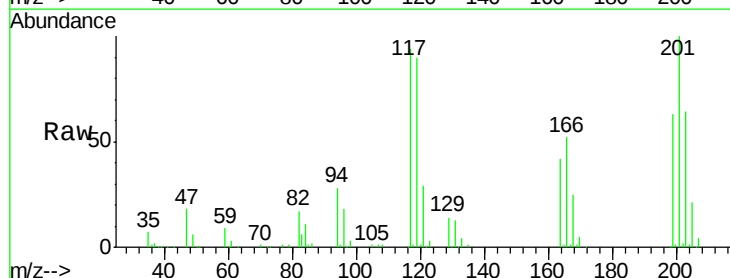
Tgt Ion:117 Resp: 108635

Ion Ratio Lower Upper

117 100

119 95.7 75.4 113.2

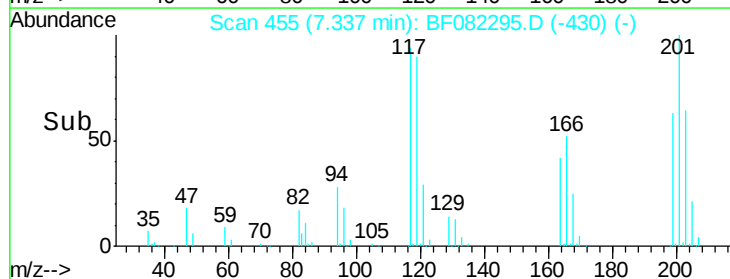
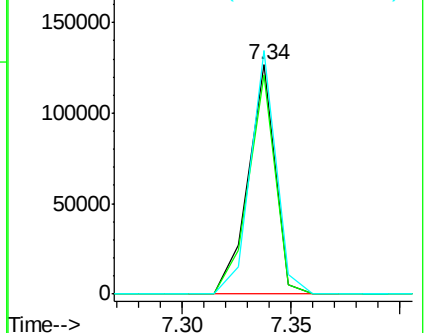
201 106.2 73.4 110.0

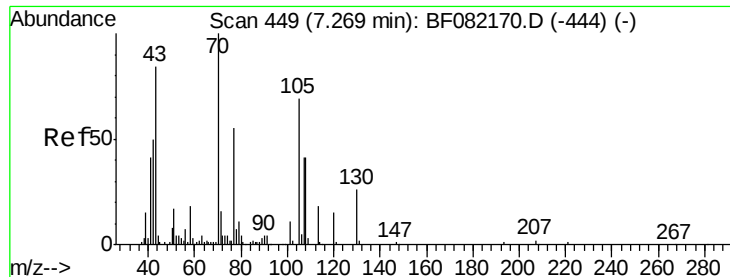


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

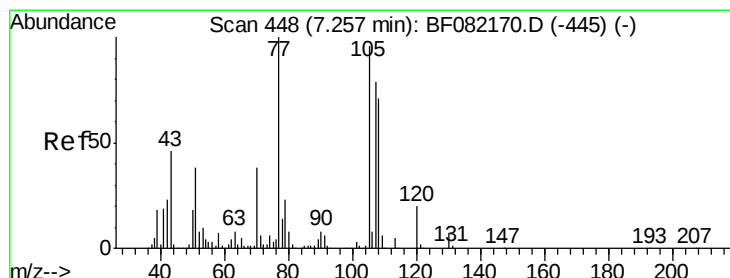
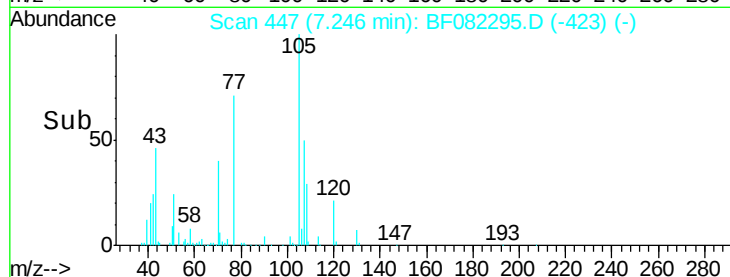
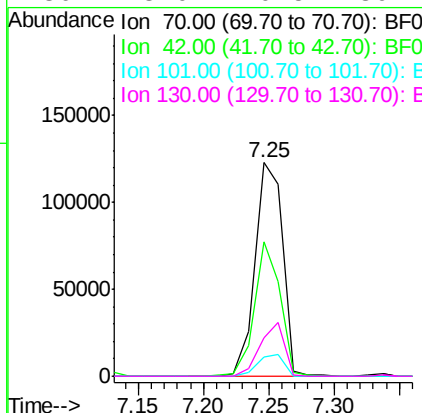
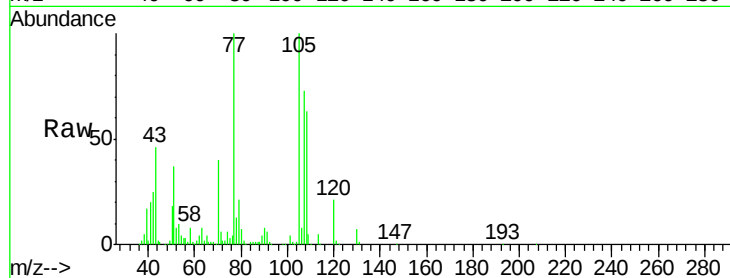




#19
n-Nitroso-di-n-propylamine
Concen: 36.16 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF082295.D
Acq: 15 Oct 2015 2:53

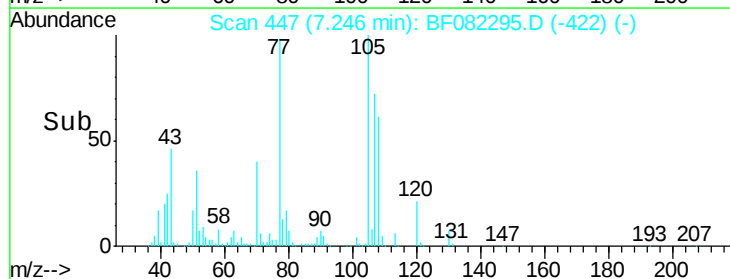
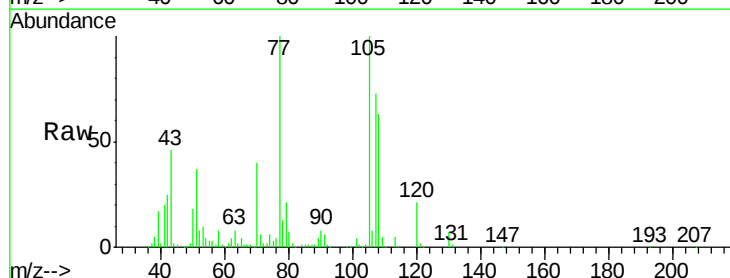
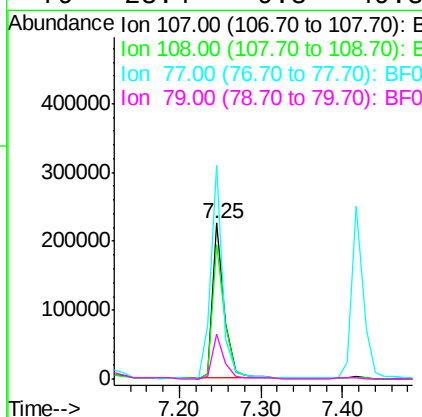
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 182240
Ion Ratio Lower Upper
70 100
42 63.1 39.8 59.8#
101 9.1 8.6 13.0
130 18.0 20.5 30.7#



#20
3+4-Methylphenols
Concen: 36.32 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 2:53

Tgt Ion: 107 Resp: 230425
Ion Ratio Lower Upper
107 100
108 86.2 69.9 109.9
77 137.1 106.0 146.0
79 28.4 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 439728

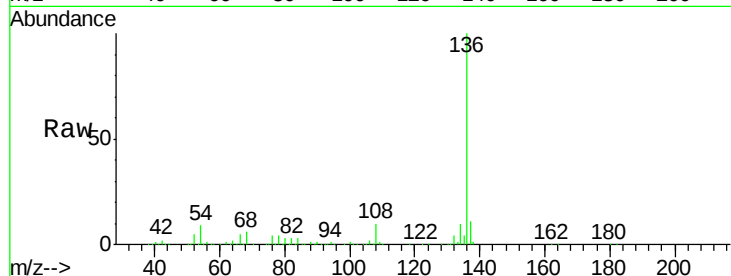
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 8.8 7.5 11.3

68 5.5 4.6 7.0

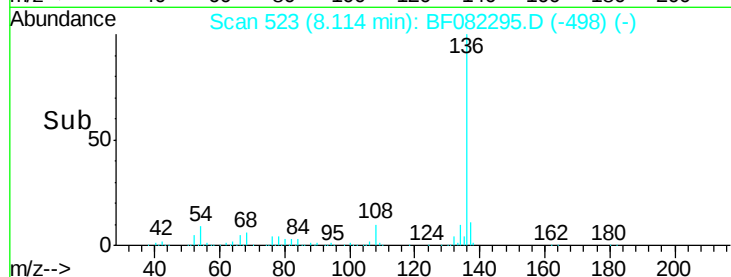


Abundance Ion 136.00 (135.70 to 136.70): E

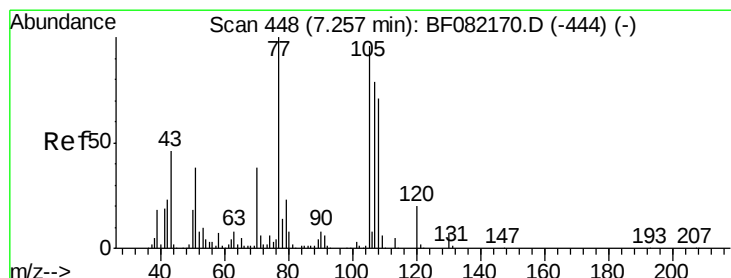
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.00 8.10 8.20 8.30



#22

Acetophenone

Concen: 38.35 ng

RT: 7.25 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

Tgt Ion:105 Resp: 333588

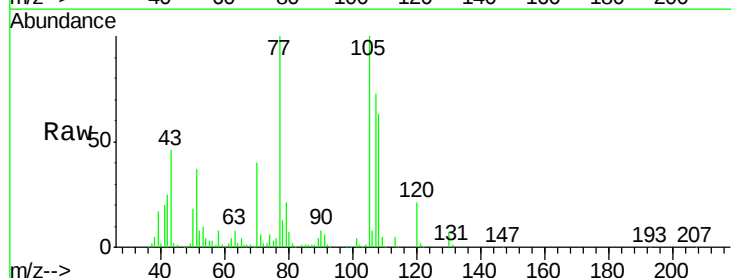
Ion Ratio Lower Upper

105 100

71 6.4 5.4 8.0

51 36.9 31.8 47.6

120 20.9 16.3 24.5

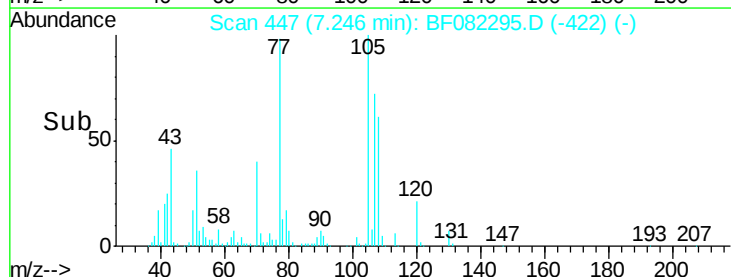


Abundance Ion 105.00 (104.70 to 105.70): E

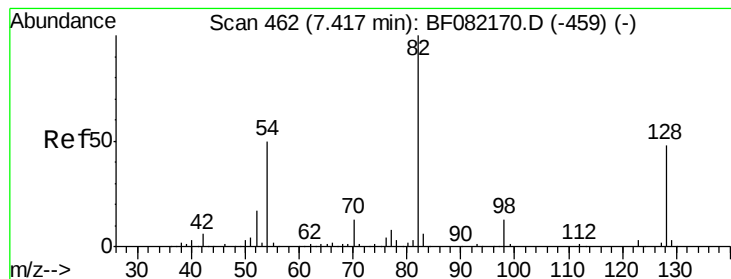
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time--> 7.10 7.20 7.30 7.40



#23

Nitrobenzene-d5

Concen: 80.16 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

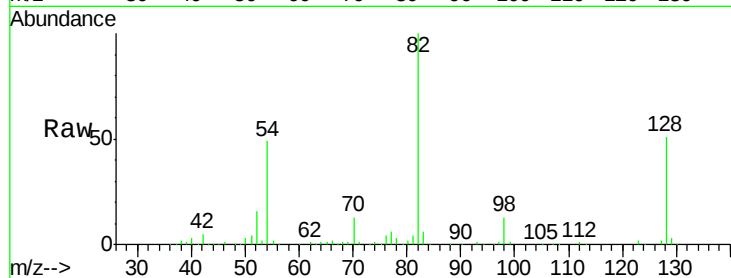
Tot Ion: 82 Resp: 524870

Ion Ratio Lower Upper

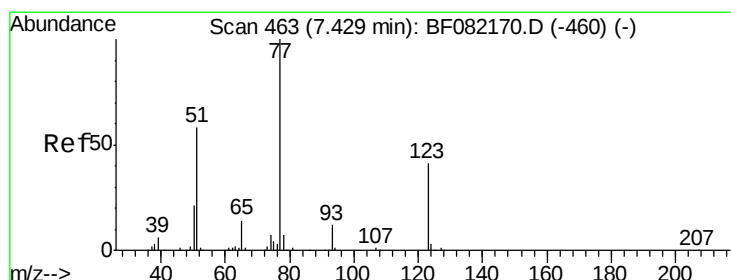
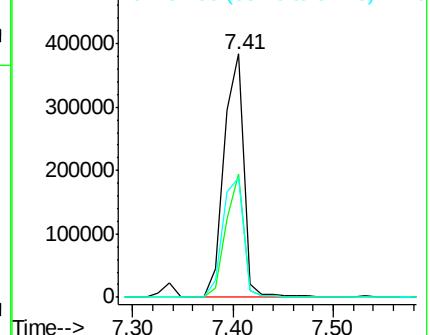
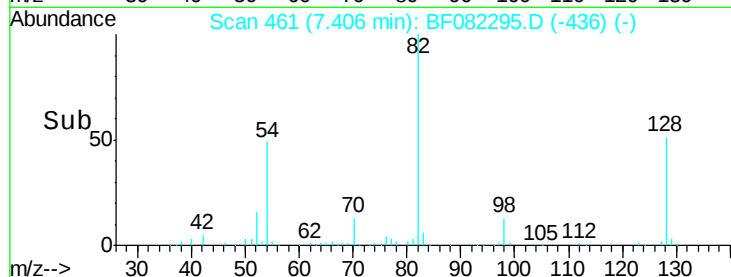
82 100

128 50.8 38.7 58.1

54 49.0 40.1 60.1



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 35.94 ng

RT: 7.42 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

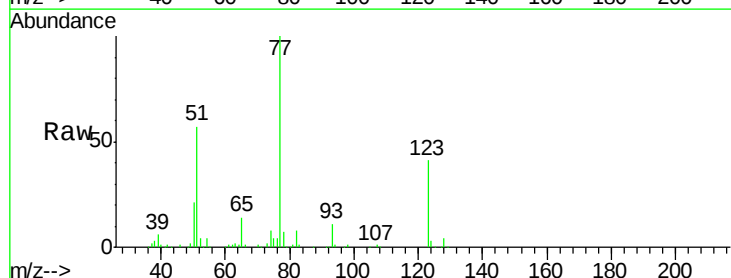
Tgt Ion: 77 Resp: 254736

Ion Ratio Lower Upper

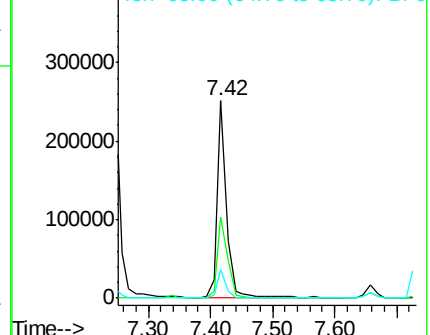
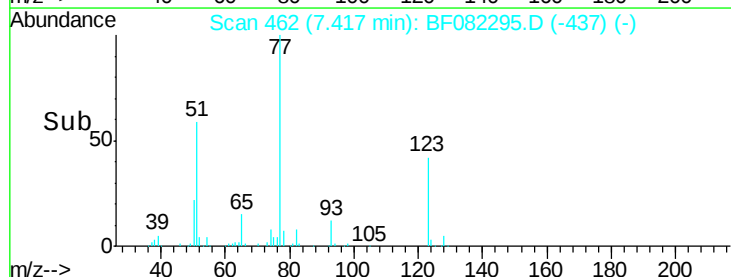
77 100

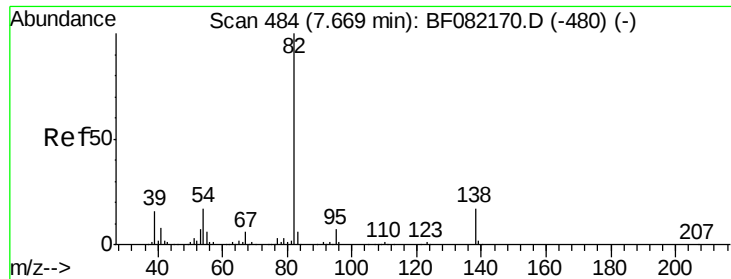
123 41.4 33.0 49.4

65 14.2 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.78 ng

RT: 7.66 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

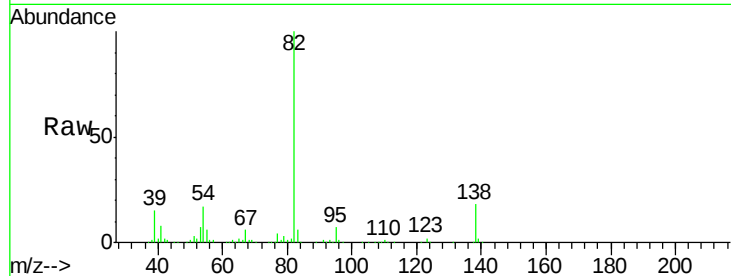
Tot Ion: 82 Resp: 499315

Ion Ratio Lower Upper

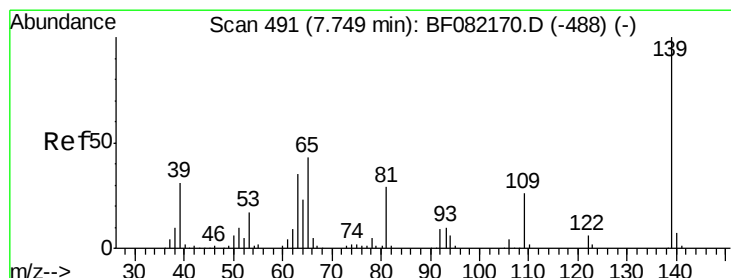
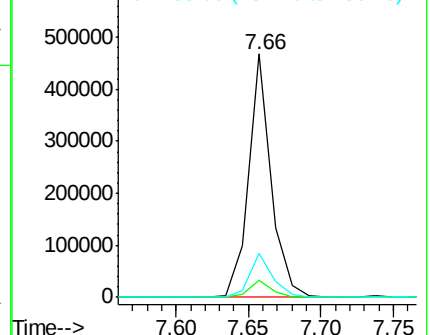
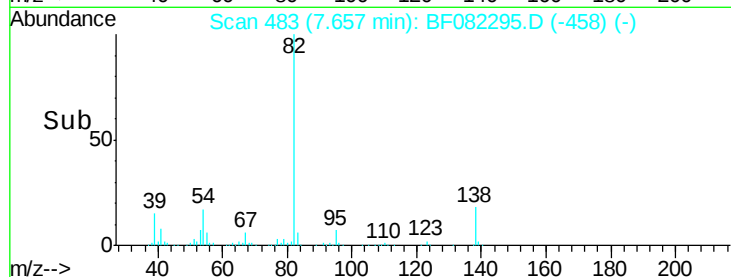
82 100

95 7.0 5.6 8.4

138 18.1 13.6 20.4



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: 43.53 ng

RT: 7.74 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

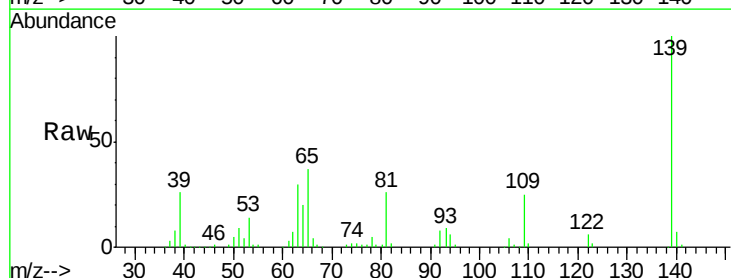
Tgt Ion: 139 Resp: 154044

Ion Ratio Lower Upper

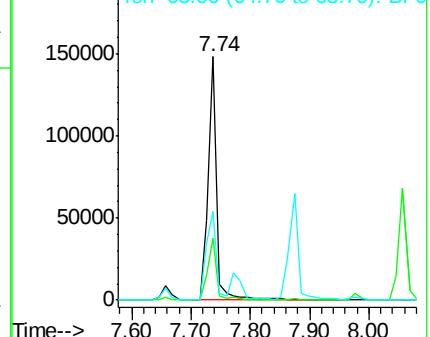
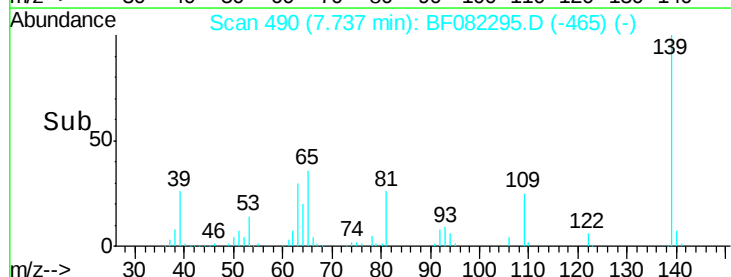
139 100

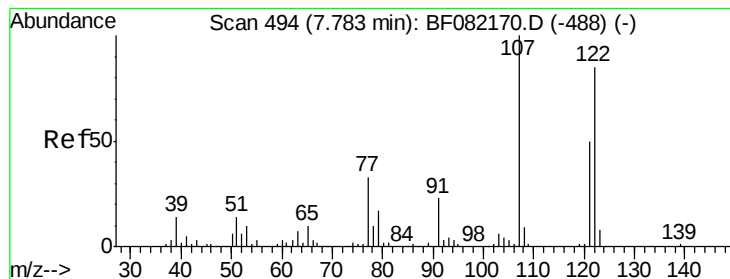
109 25.3 20.6 31.0

65 36.6 34.3 51.5



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





#27

2,4-Dimethylphenol

Concen: 40.57 ng

RT: 7.78 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

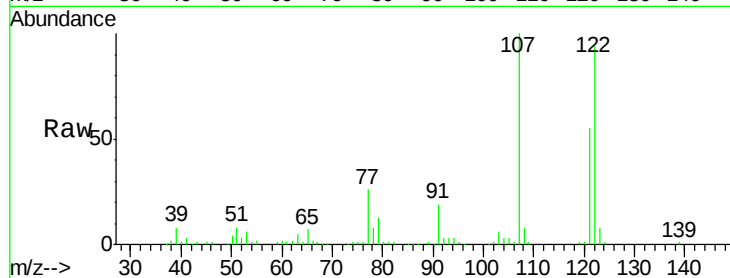
Tot Ion:122 Resp: 231304

Ion Ratio Lower Upper

122 100

107 106.0 94.0 141.0

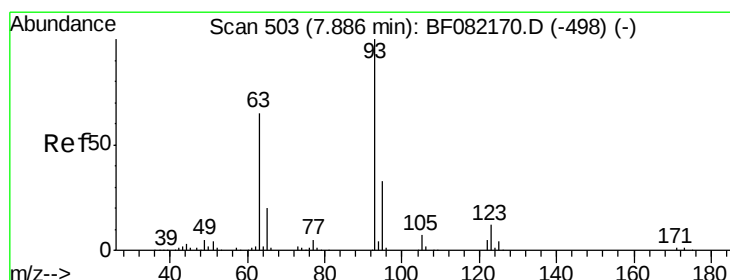
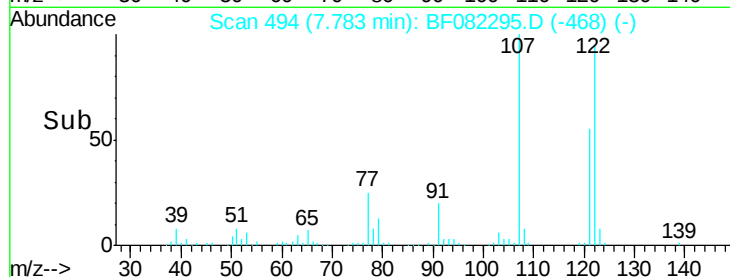
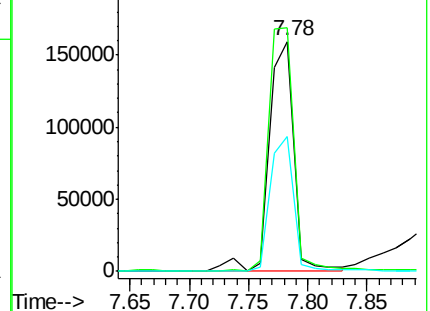
121 58.5 46.8 70.2



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: 41.97 ng

RT: 7.87 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

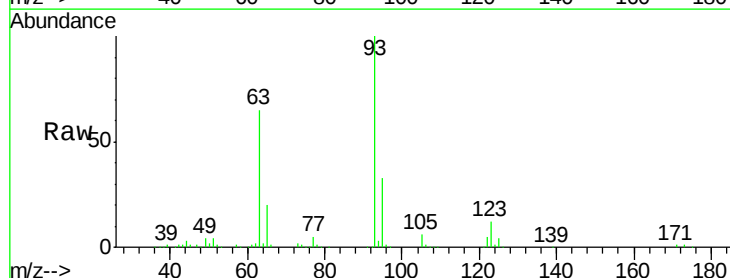
Tgt Ion: 93 Resp: 322694

Ion Ratio Lower Upper

93 100

95 32.8 26.6 39.8

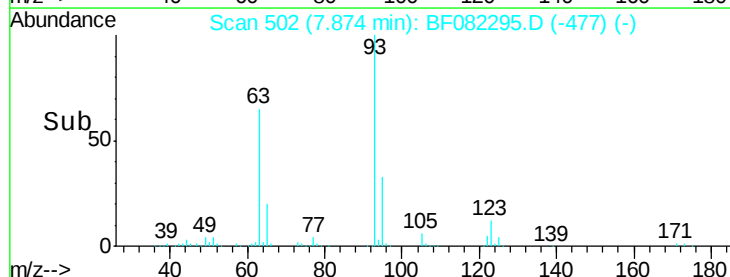
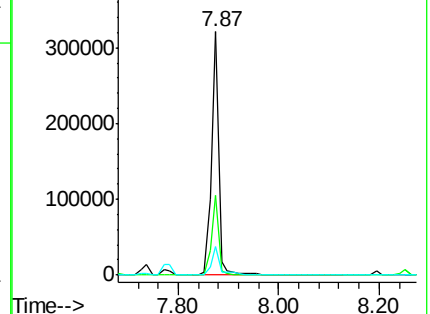
123 11.5 9.5 14.3

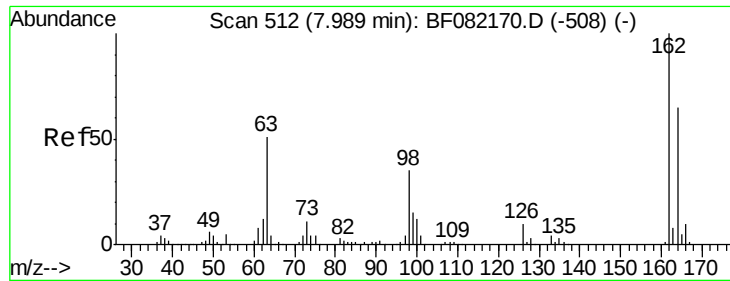


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

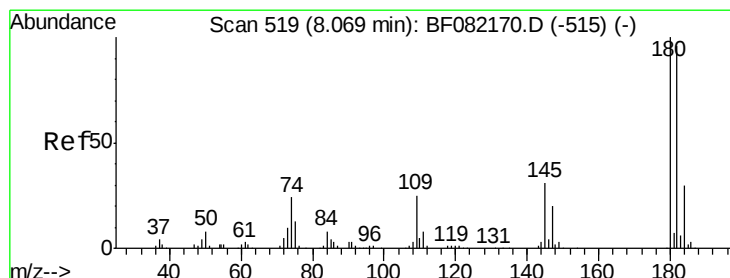
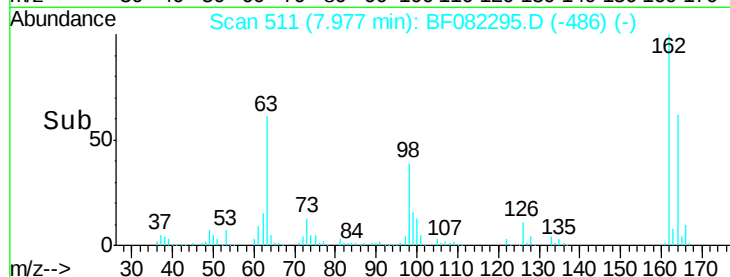
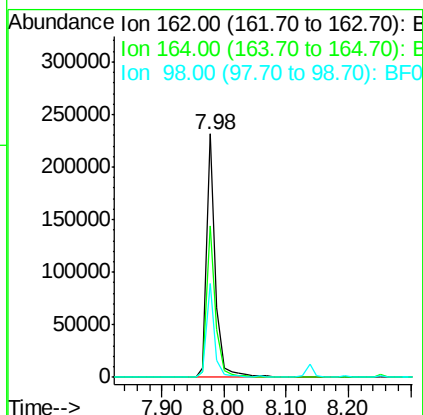
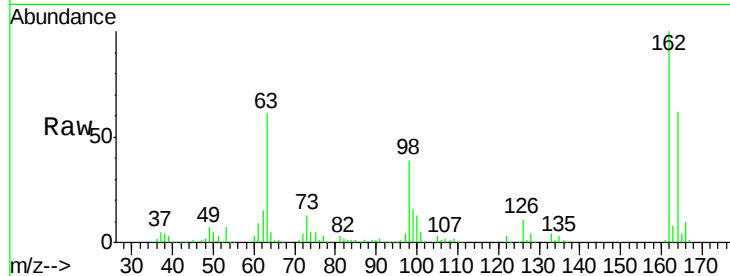




#29
 2,4-Dichlorophenol
 Concen: 40.29 ng
 RT: 7.98 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 2:53

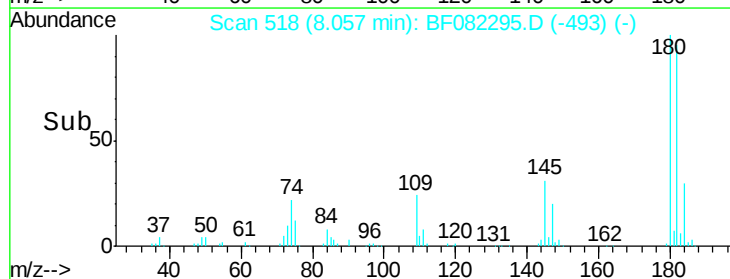
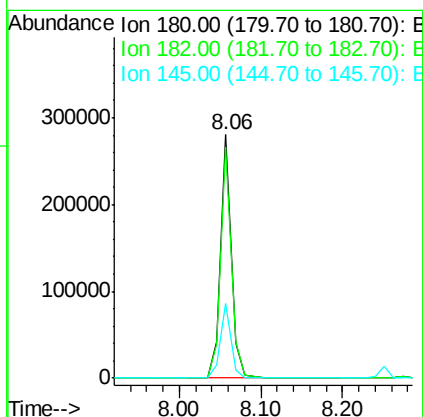
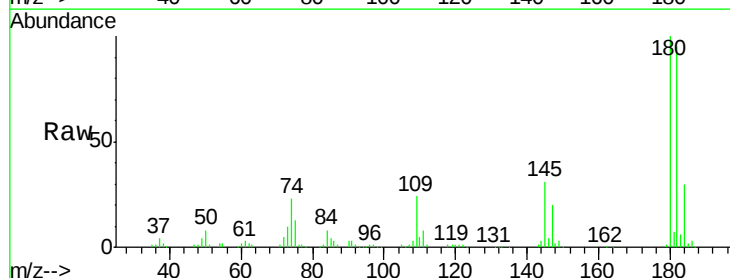
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

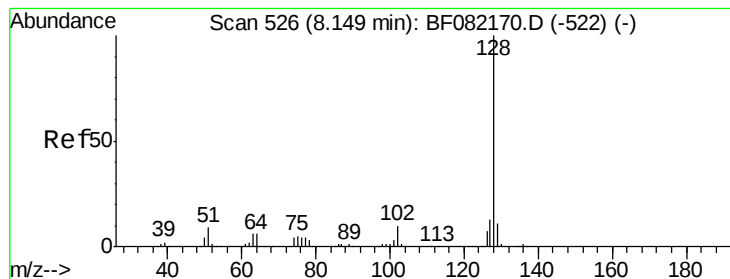
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	44.6	84.6
98	38.8	15.0	55.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.92 ng
 RT: 8.06 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 2:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.0	115.4
145	30.9	25.0	37.4





#31

Naphthalene

Concen: 36.75 ng

RT: 8.14 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

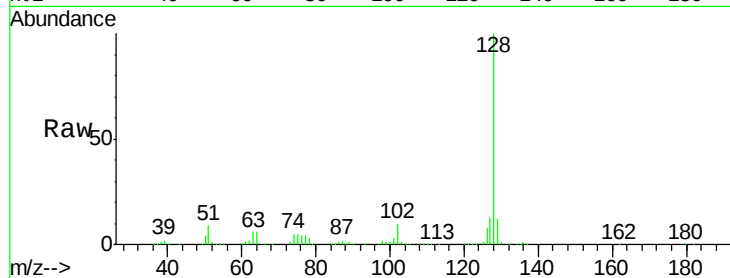
Tot Ion:128 Resp: 700449

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

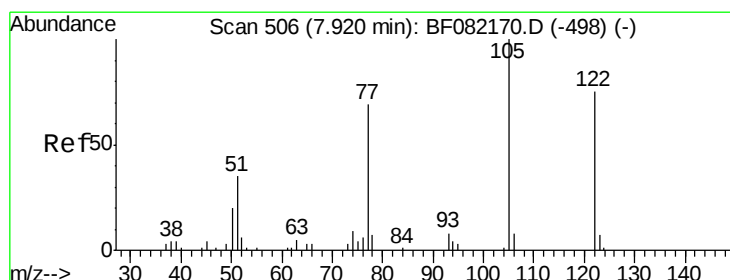
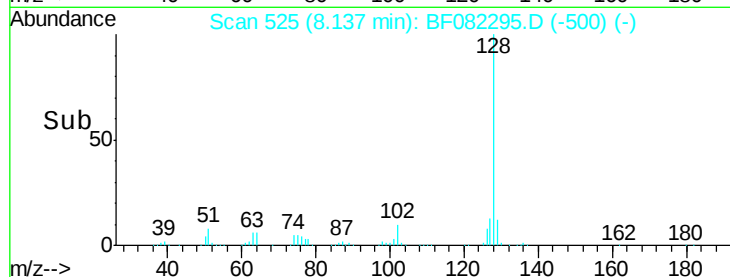
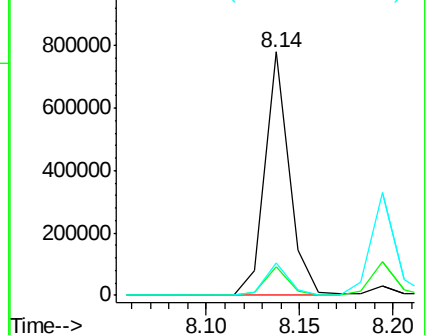
127 13.5 10.7 16.1



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: 25.54 ng

RT: 7.91 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

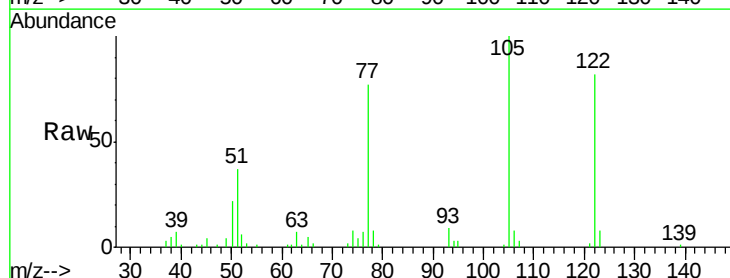
Tgt Ion:122 Resp: 97722

Ion Ratio Lower Upper

122 100

105 122.1 104.4 144.4

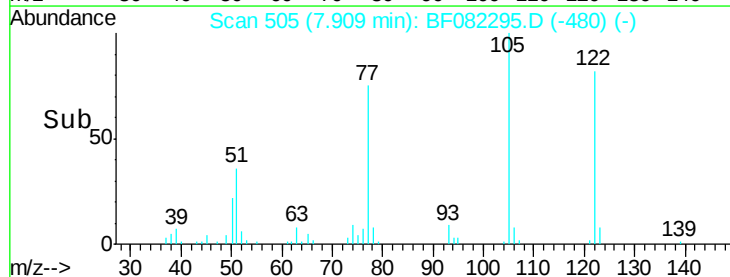
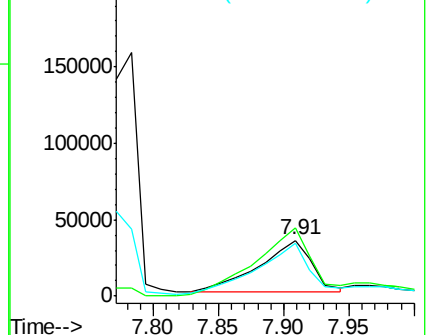
77 93.6 69.0 109.0



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

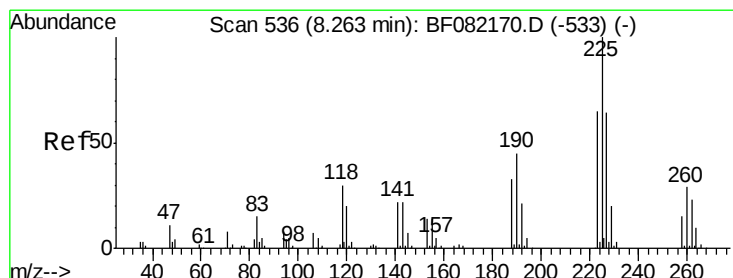
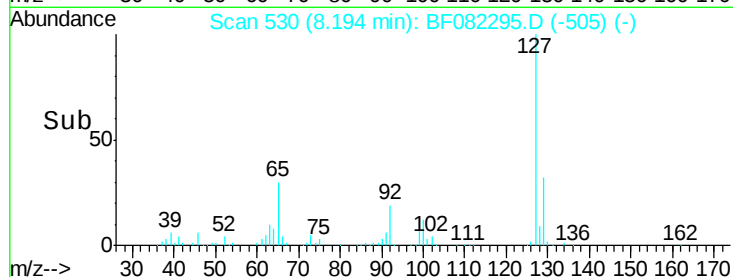
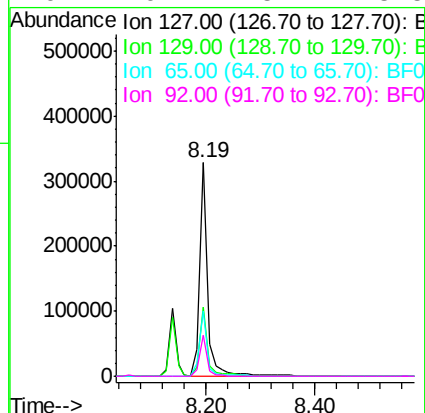
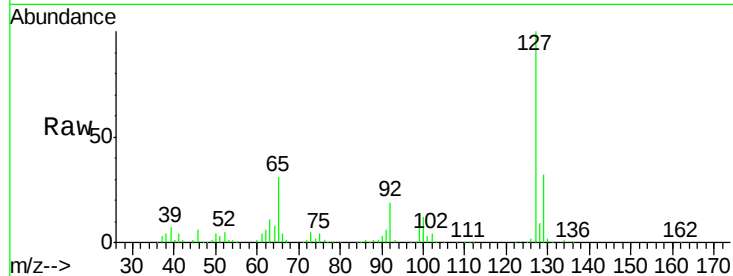




#33
4-Chloroaniline
Concen: 40.72 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 2:53

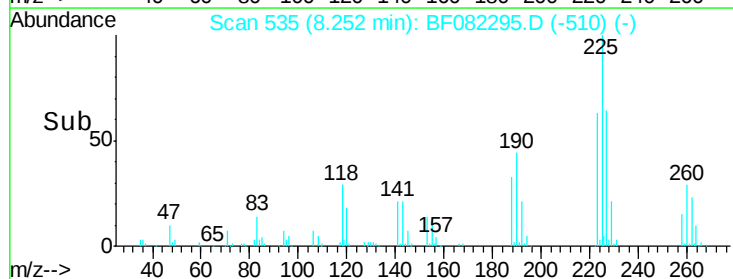
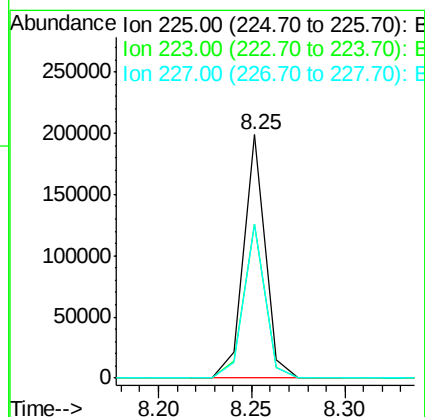
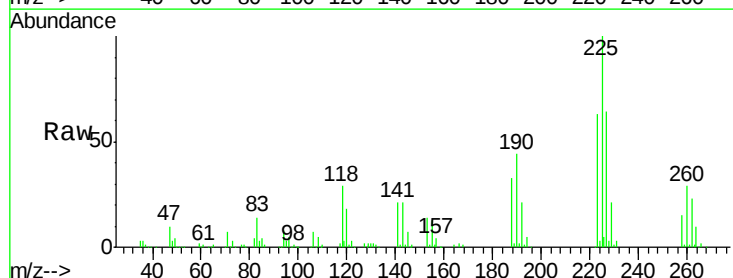
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

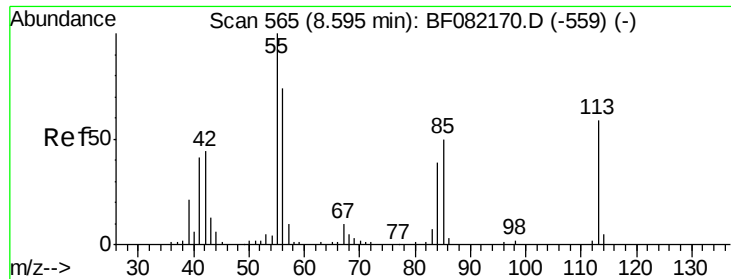
Tot Ion:	127	Resp:	322343
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	30.6	24.4	36.6
92	19.4	15.7	23.5



#34
Hexachlorobutadiene
Concen: 39.44 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 2:53

Tgt Ion:	225	Resp:	161458
Ion	Ratio	Lower	Upper
225	100		
223	63.3	52.2	78.2
227	63.5	51.3	76.9

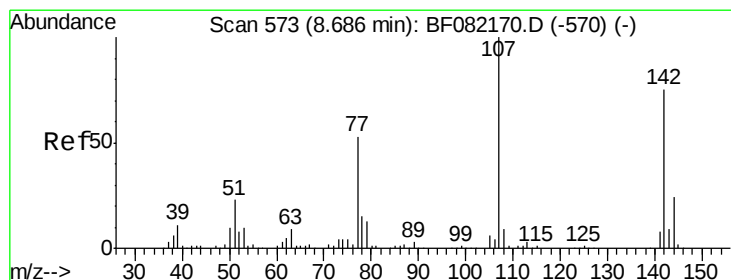
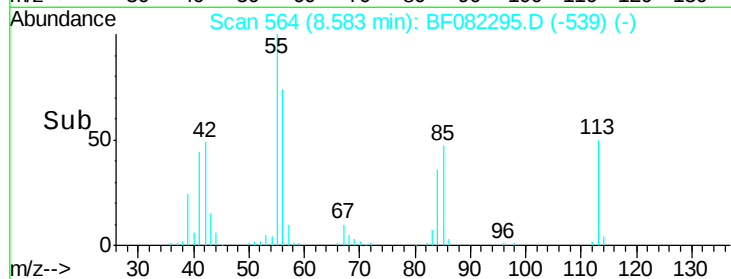
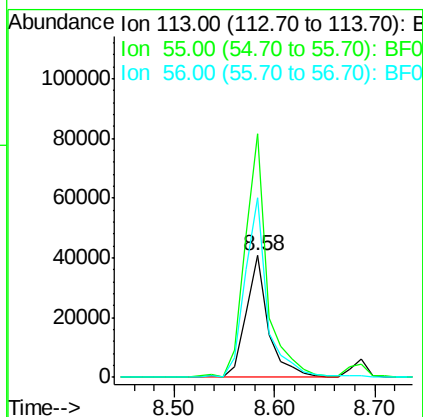
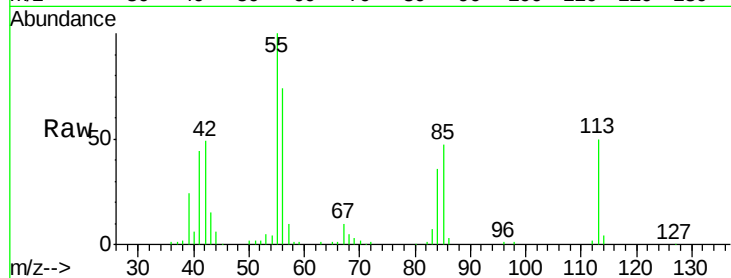




#35
Caprolactam
Concen: 38.02 ng
RT: 8.58 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 2:53

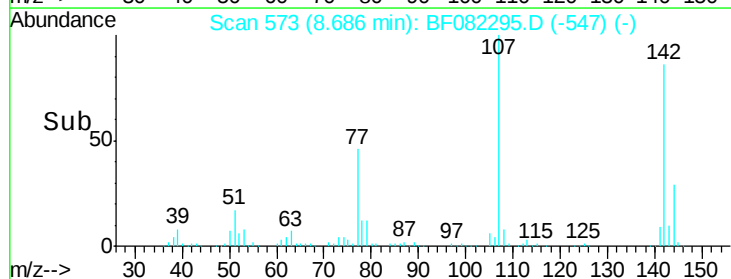
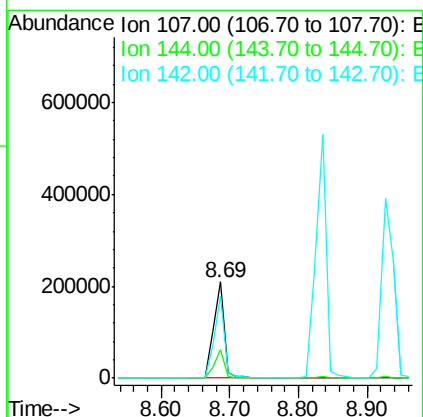
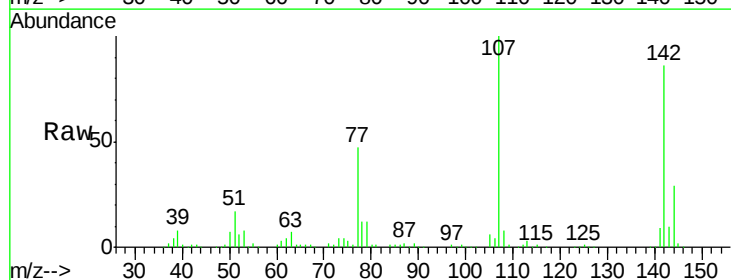
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

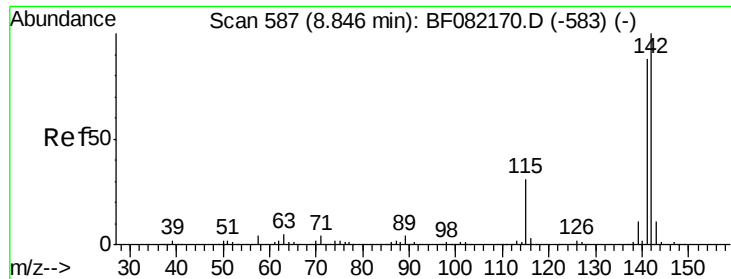
Tot Ion:113 Resp: 62887
Ion Ratio Lower Upper
113 100
55 200.4 149.7 189.7#
56 147.7 105.4 145.4#



#36
4-Chloro-3-methylphenol
Concen: 42.49 ng
RT: 8.69 min Scan# 573
Delta R.T. -0.00 min
Lab File: BF082295.D
Acq: 15 Oct 2015 2:53

Tgt Ion:107 Resp: 236824
Ion Ratio Lower Upper
107 100
144 29.1 19.3 28.9#
142 85.8 59.9 89.9

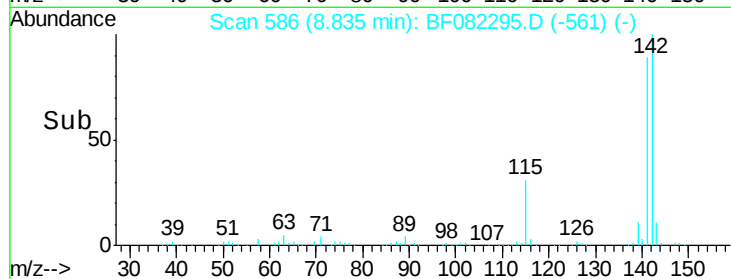
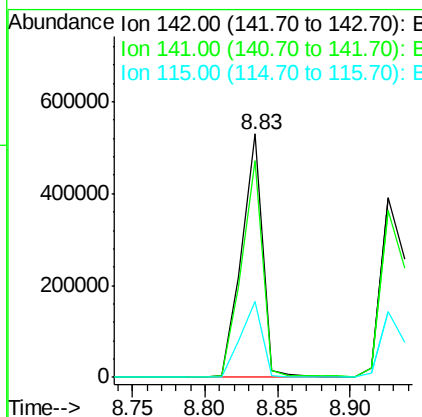
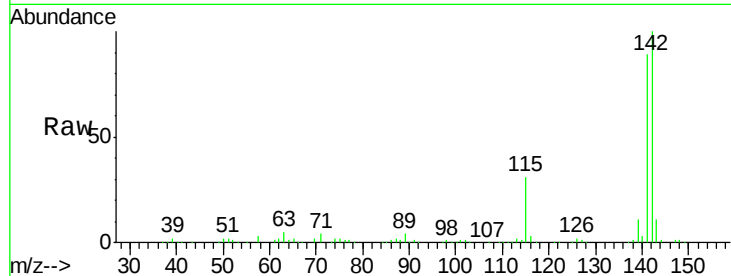




#37
 2-Methylnaphthalene
 Concen: 40.46 ng
 RT: 8.83 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 2:53

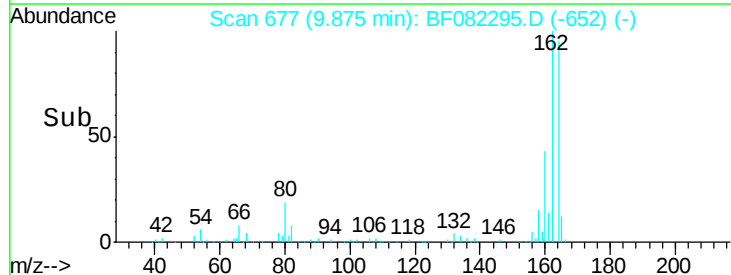
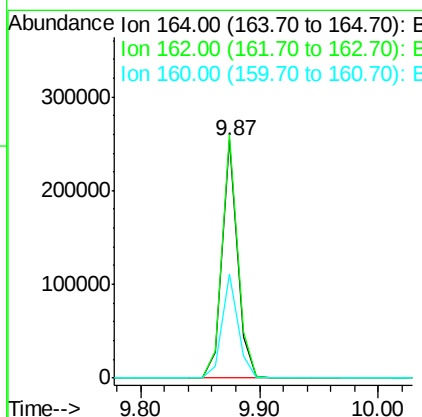
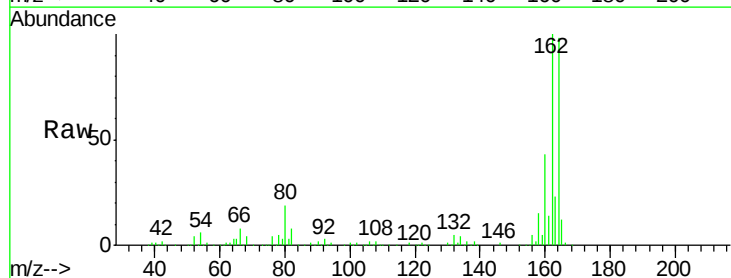
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:142 Resp: 534724
 Ion Ratio Lower Upper
 142 100
 141 89.2 70.4 105.6
 115 31.4 24.6 37.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 2:53

Tgt Ion:164 Resp: 224818
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.6 122.4
 160 43.8 36.4 54.6

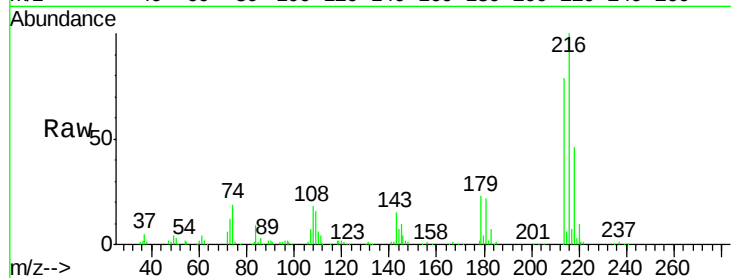




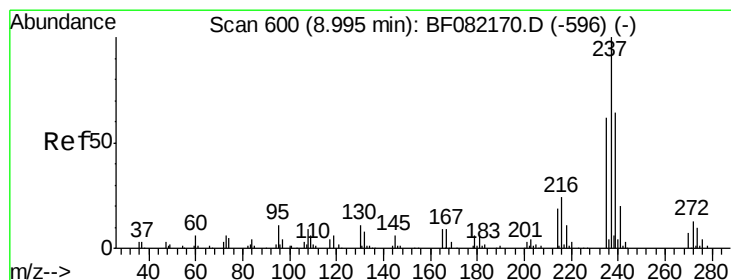
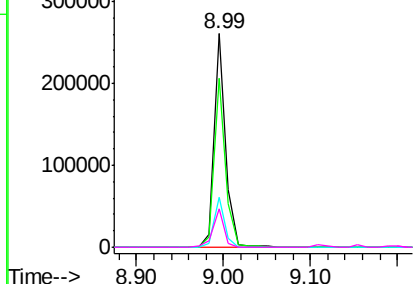
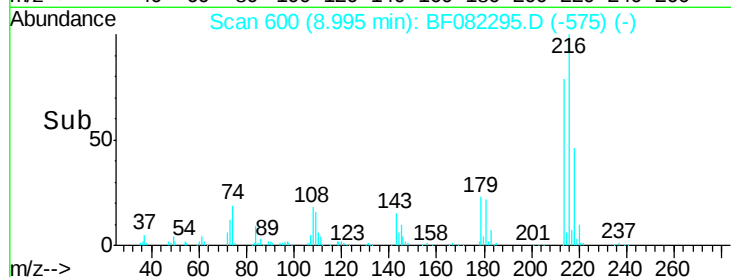
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.58 ng
 RT: 8.99 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 2:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:216	Resp:	244603
Ion Ratio	Lower	Upper
216	100	
214	78.4	64.6 97.0
179	21.5	17.6 26.4
108	17.3	14.5 21.7

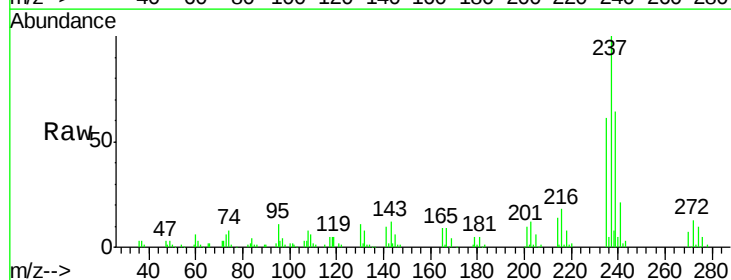


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

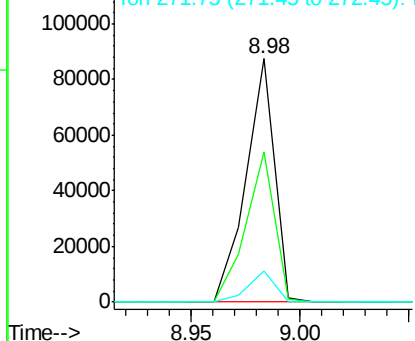
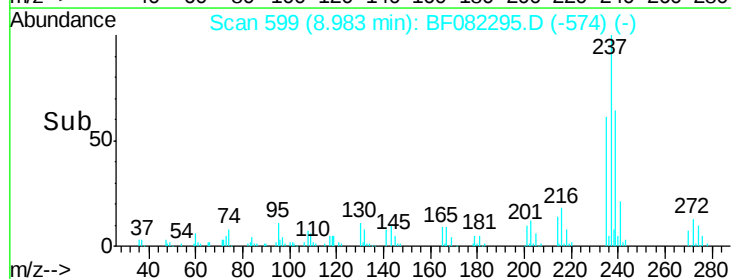


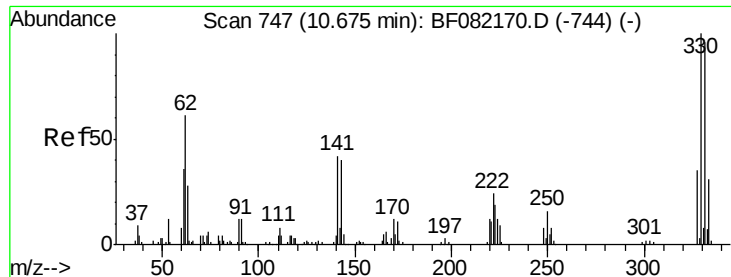
#40
 Hexachlorocyclopentadiene
 Concen: 29.33 ng
 RT: 8.98 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 2:53

Tgt Ion:237	Resp:	79395
Ion Ratio	Lower	Upper
237	100	
235	61.5	41.7 81.7
272	12.9	0.0 32.8



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

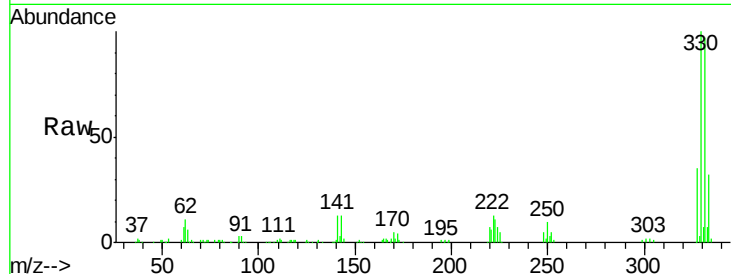




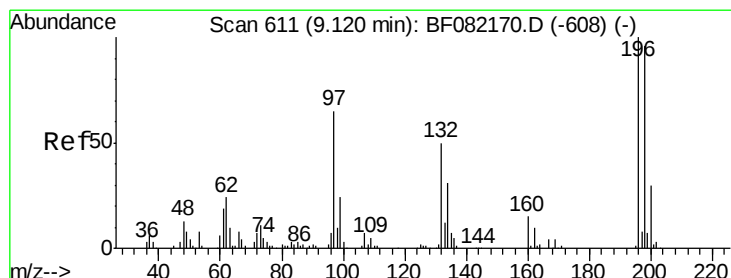
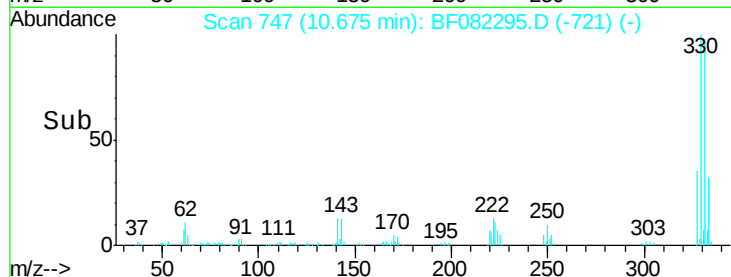
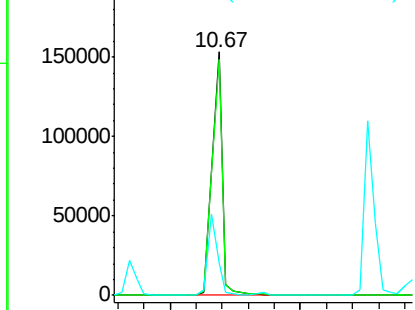
#41
 2,4,6-Tribromophenol
 Concen: 81.39 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 2:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 171602
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.1 115.7
 141 31.3 29.8 44.8

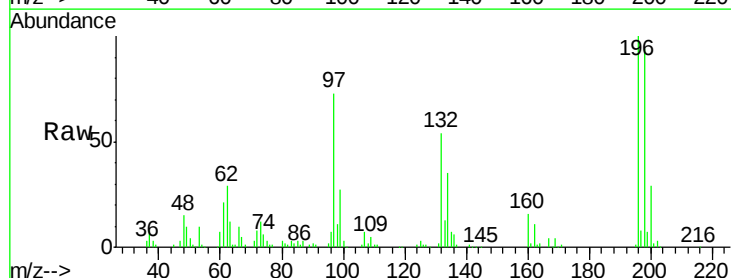


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

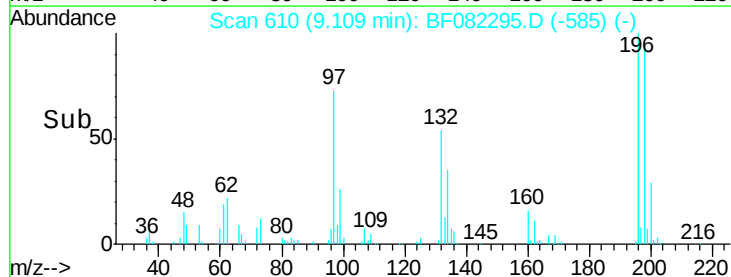
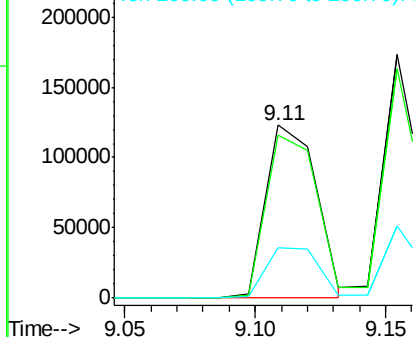


#42
 2,4,6-Trichlorophenol
 Concen: 37.22 ng
 RT: 9.11 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 2:53

Tgt Ion:196 Resp: 165325
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.6 115.0
 200 29.4 23.7 35.5



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

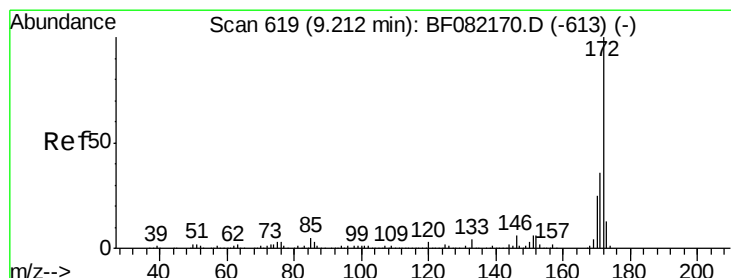
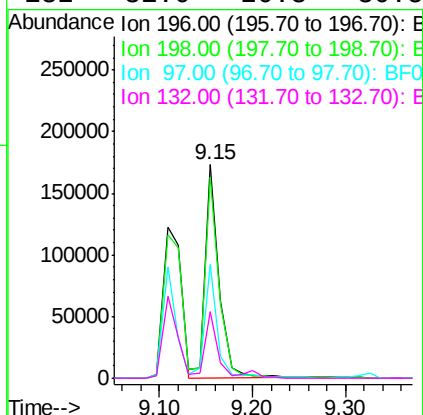
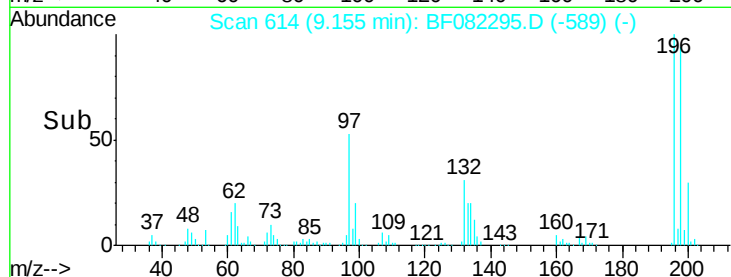
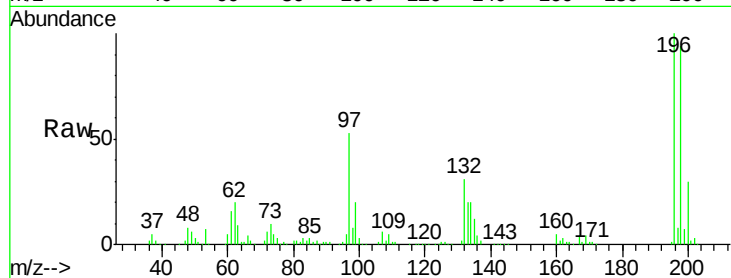




#43
 2,4,5-Trichlorophenol
 Concen: 37.45 ng
 RT: 9.15 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 2:53

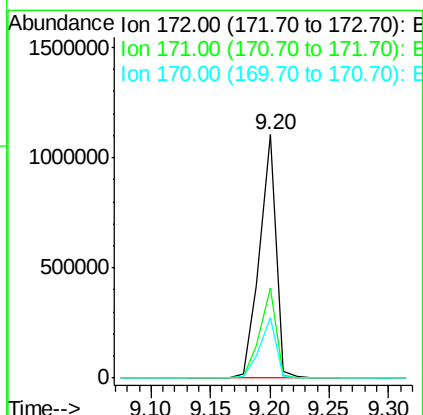
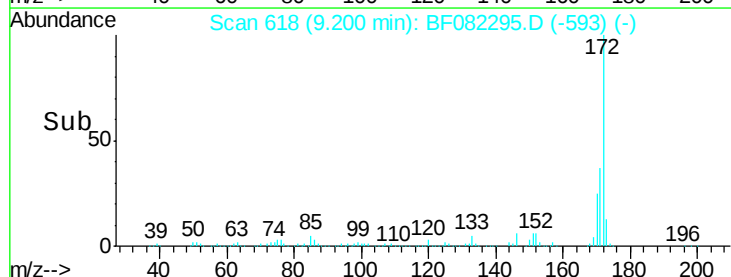
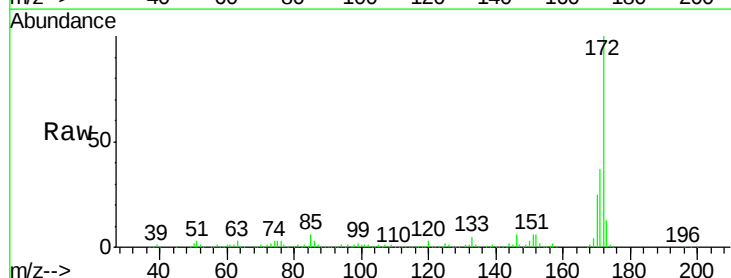
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.2	77.0	115.4
97	53.2	31.9	47.9#
132	31.0	20.3	30.5#



#44
 2-Fluorobiphenyl
 Concen: 80.68 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 2:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.6	42.8
170	24.9	19.7	29.5





#45

1,1'-Biphenyl

Concen: 38.12 ng

RT: 9.30 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

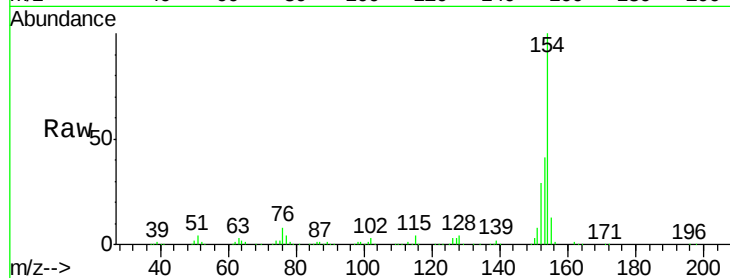
Tot Ion:154 Resp: 653453

Ion Ratio Lower Upper

154 100

153 41.1 20.6 60.6

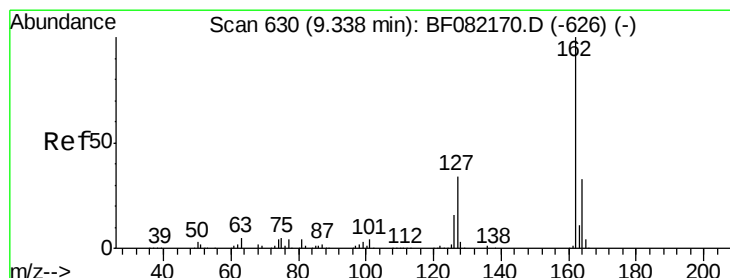
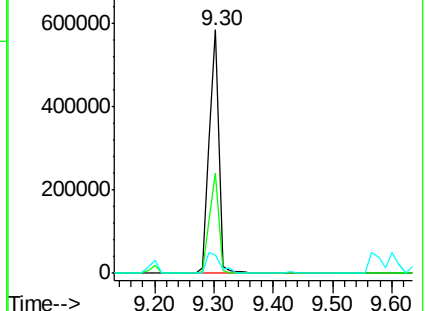
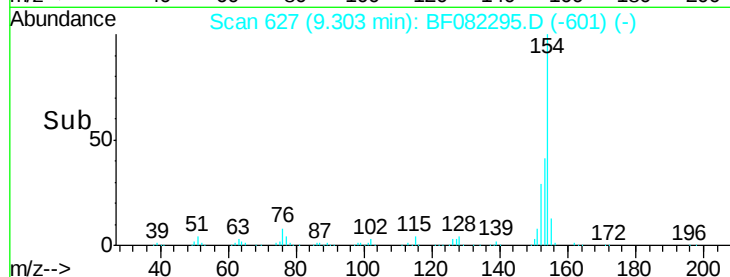
76 7.7 0.0 35.2



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: 38.93 ng

RT: 9.33 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

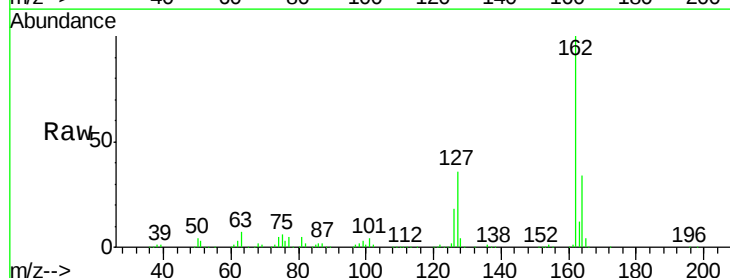
Tgt Ion:162 Resp: 525405

Ion Ratio Lower Upper

162 100

127 36.2 27.5 41.3

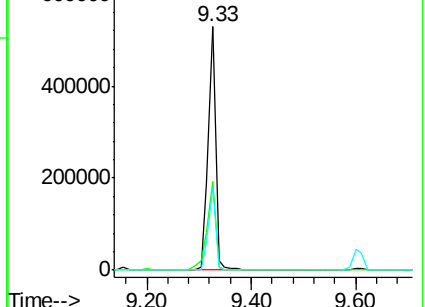
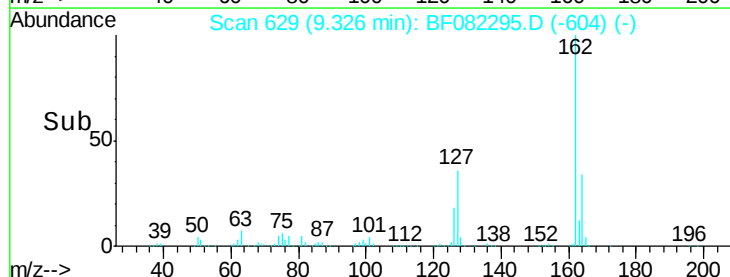
164 33.8 26.6 39.8

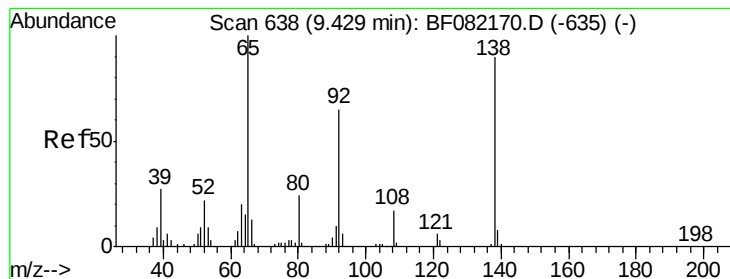


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.62 ng

RT: 9.43 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

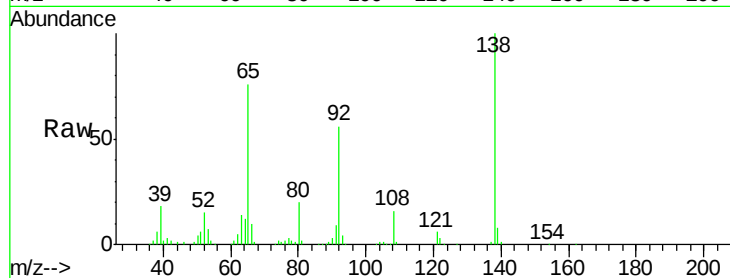
Tot Ion: 65 Resp: 157899

Ion Ratio Lower Upper

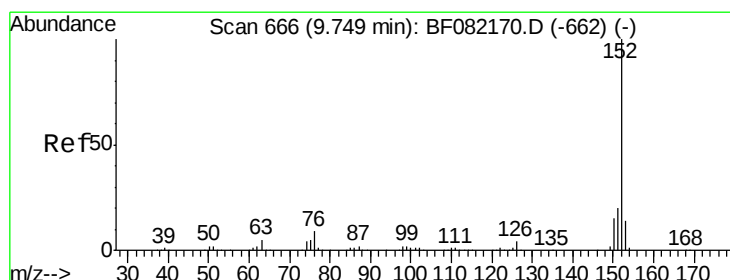
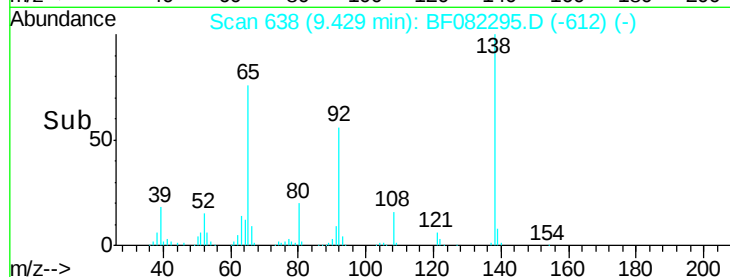
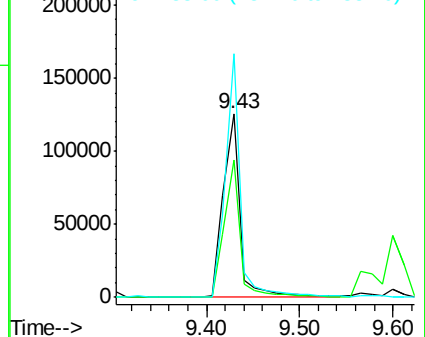
65 100

92 74.5 52.3 78.5

138 132.4 72.2 108.4#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 36.40 ng

RT: 9.74 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

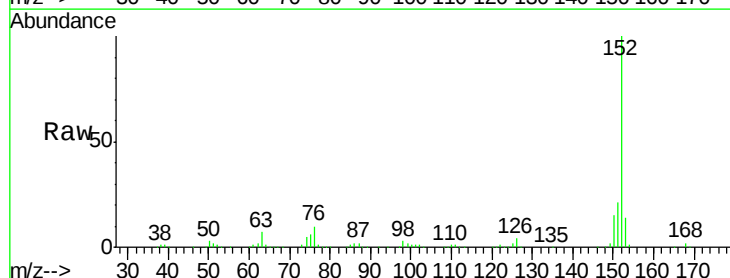
Tgt Ion: 152 Resp: 765338

Ion Ratio Lower Upper

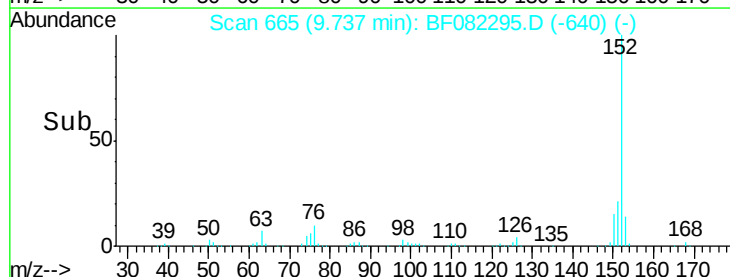
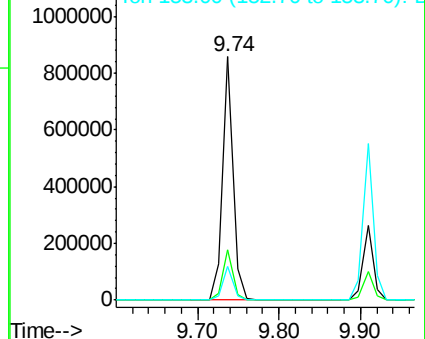
152 100

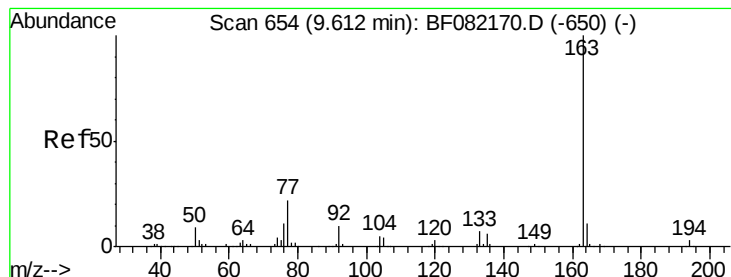
151 20.8 16.4 24.6

153 13.7 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 38.34 ng

RT: 9.60 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

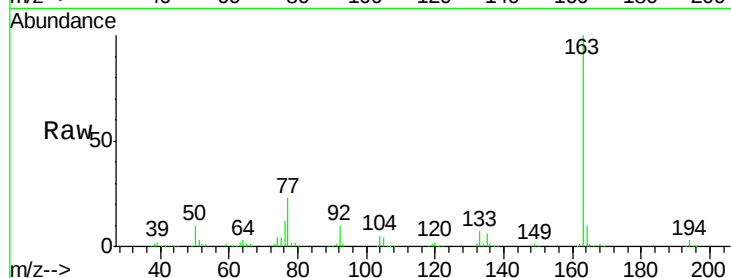
Tot Ion:163 Resp: 607030

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

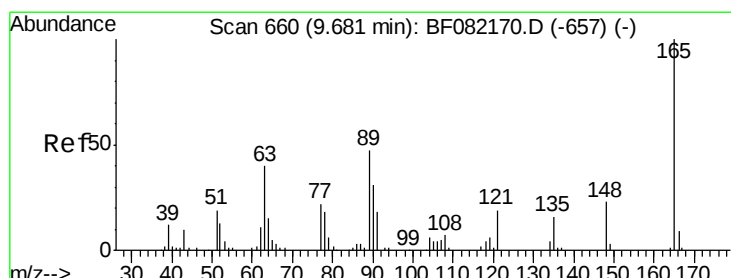
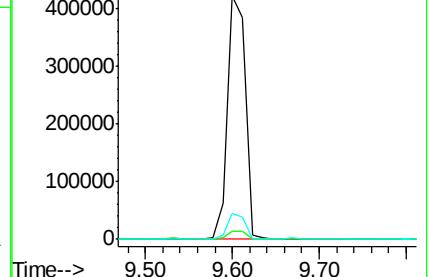
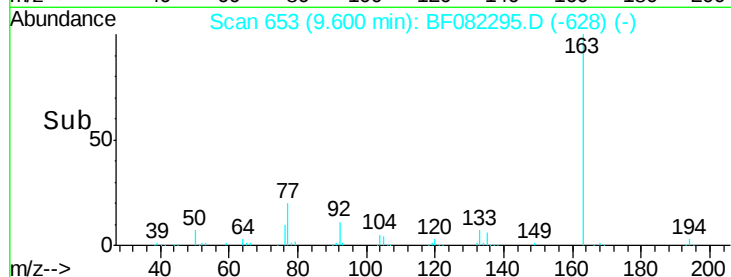
164 10.5 8.5 12.7



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: 38.00 ng

RT: 9.67 min Scan# 659

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

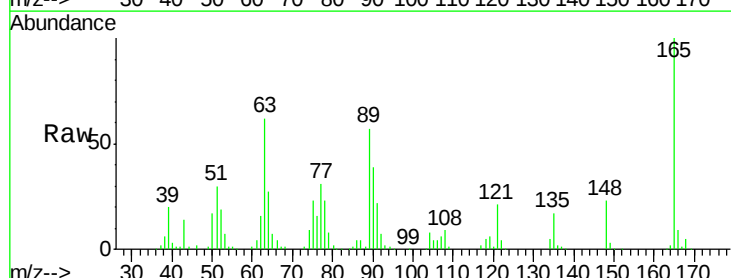
Tgt Ion:165 Resp: 126922

Ion Ratio Lower Upper

165 100

63 61.7 36.7 55.1#

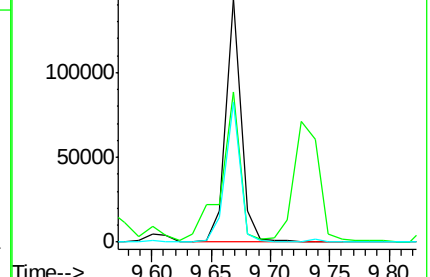
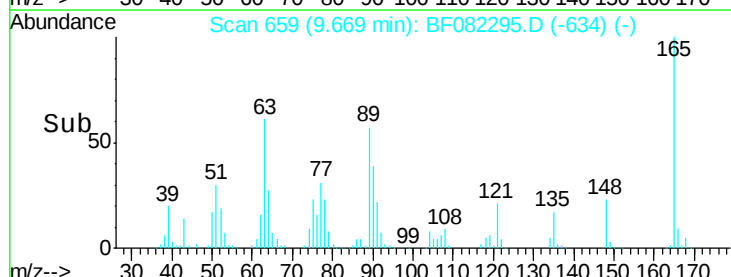
89 57.2 37.8 56.6#

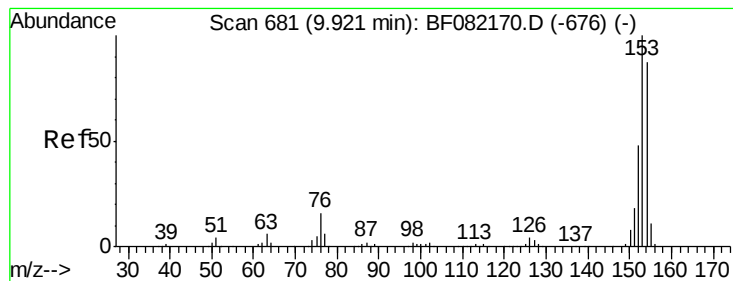


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.98 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

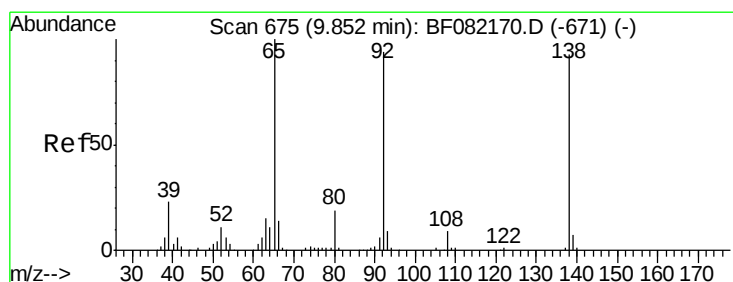
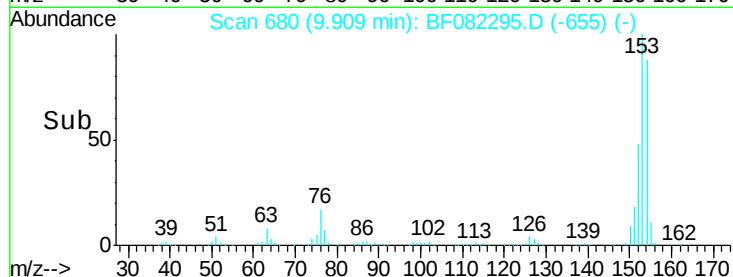
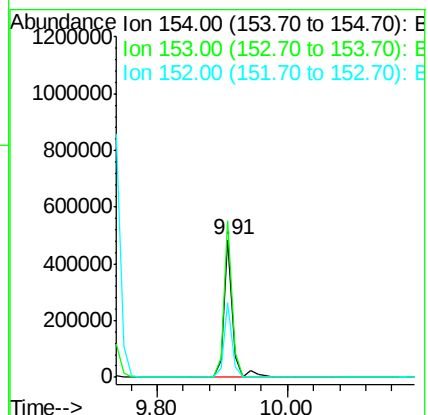
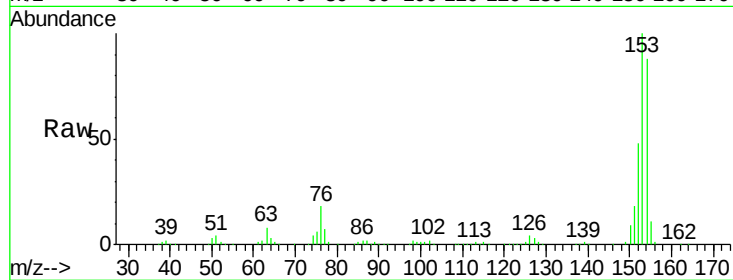
Tot Ion:154 Resp: 466748

Ion Ratio Lower Upper

154 100

153 113.7 91.4 137.2

152 54.3 44.3 66.5



#52

3-Nitroaniline

Concen: 39.17 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

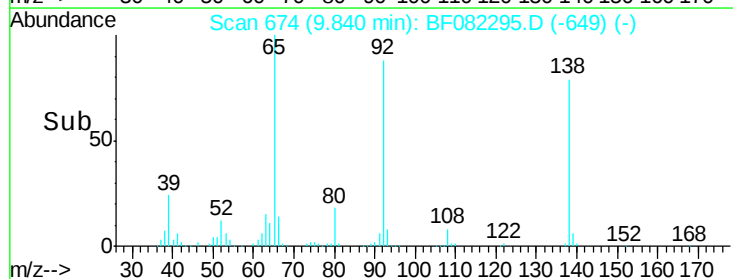
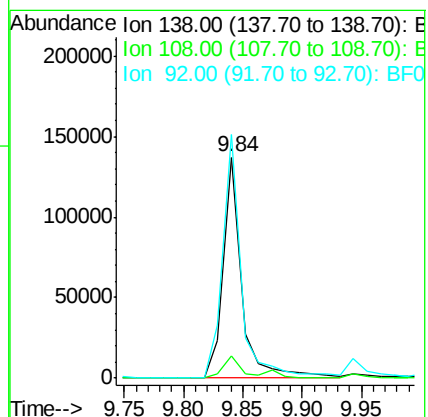
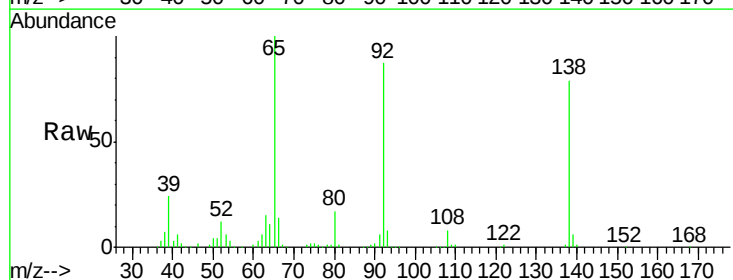
Tgt Ion:138 Resp: 147776

Ion Ratio Lower Upper

138 100

108 9.9 7.4 11.0

92 110.2 81.3 121.9

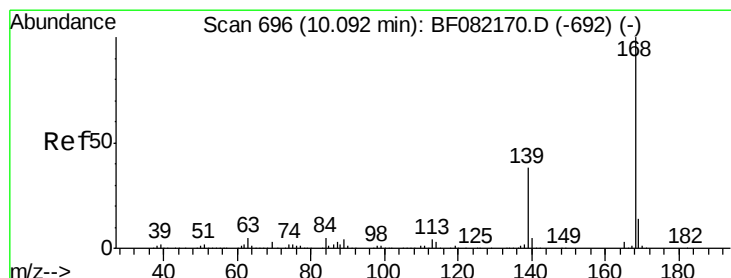
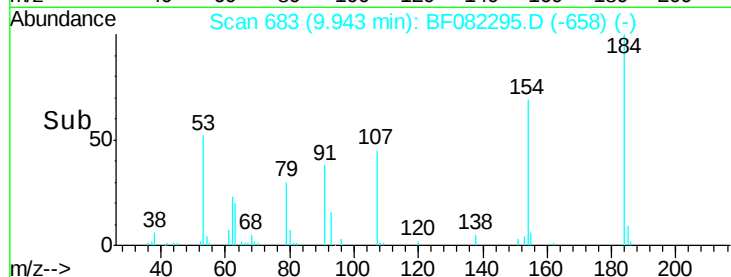
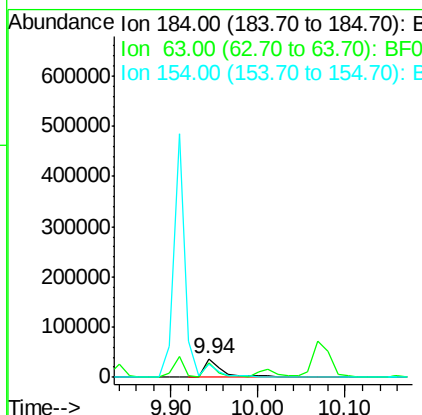
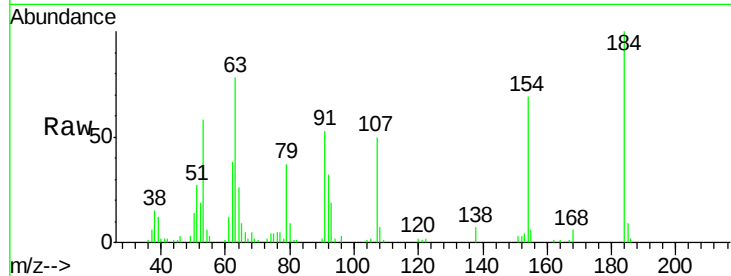




#53
 2,4-Dinitrophenol
 Concen: 33.98 ng
 RT: 9.94 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 2:53

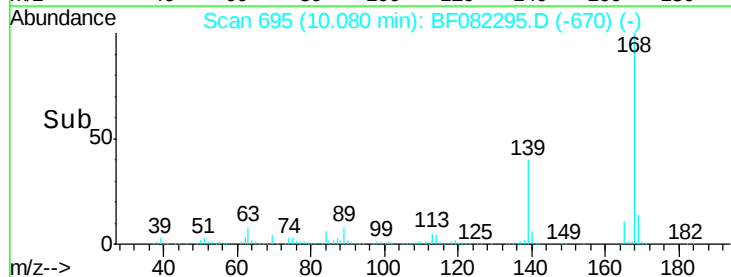
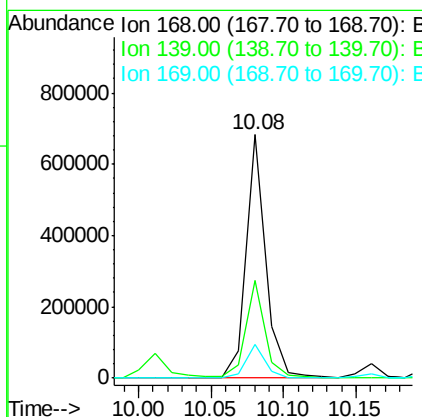
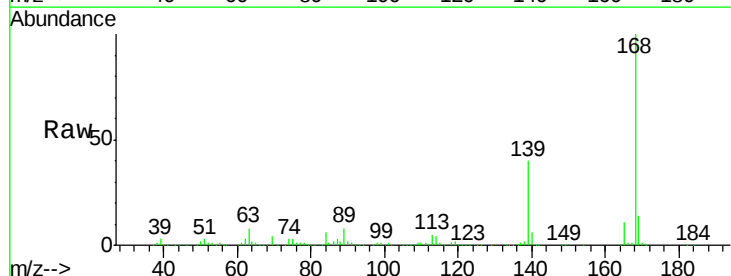
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

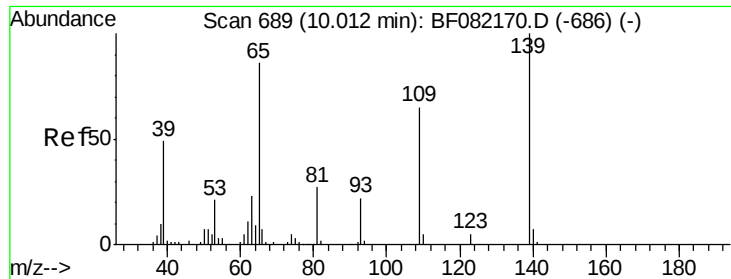
Tot Ion:184 Resp: 55961
 Ion Ratio Lower Upper
 184 100
 63 77.7 45.1 67.7#
 154 69.3 51.2 76.8



#54
 Dibenzofuran
 Concen: 37.03 ng
 RT: 10.08 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 2:53

Tgt Ion:168 Resp: 641733
 Ion Ratio Lower Upper
 168 100
 139 40.1 31.0 46.6
 169 13.6 10.9 16.3

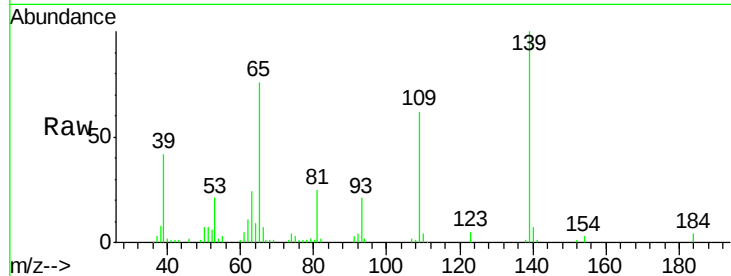




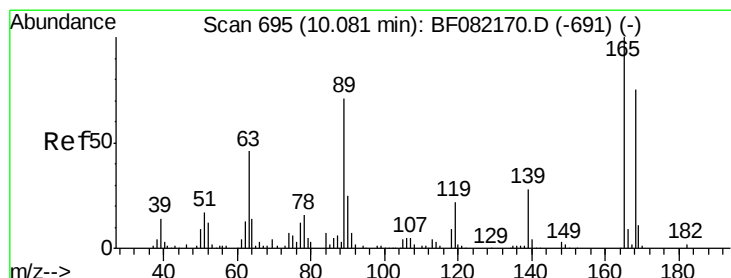
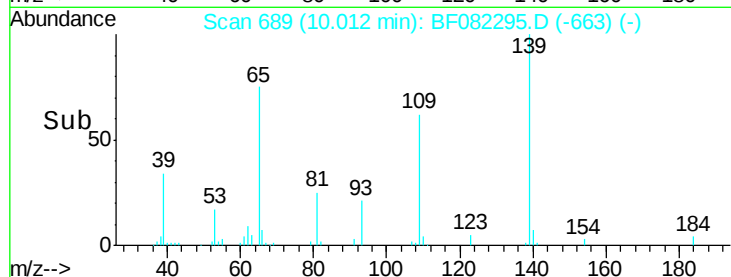
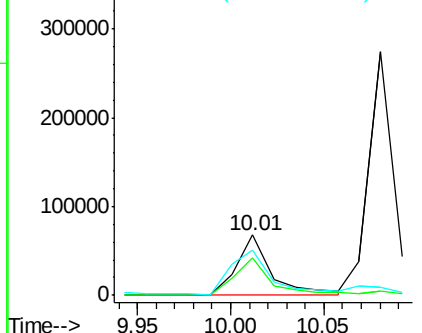
#55
4-Nitrophenol
Concen: 41.78 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082295.D
Acq: 15 Oct 2015 2:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 88418
Ion Ratio Lower Upper
139 100
109 61.9 44.8 84.8
65 75.8 67.7 107.7

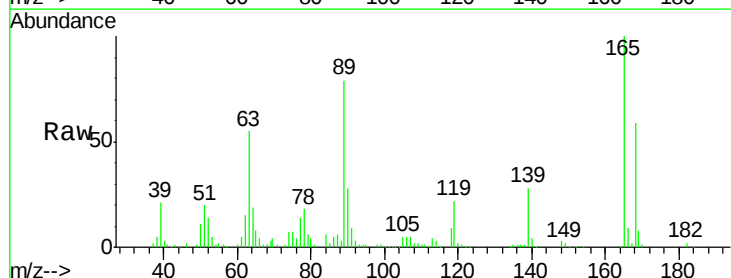


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

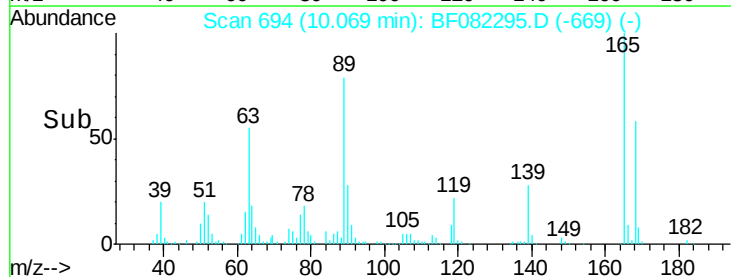
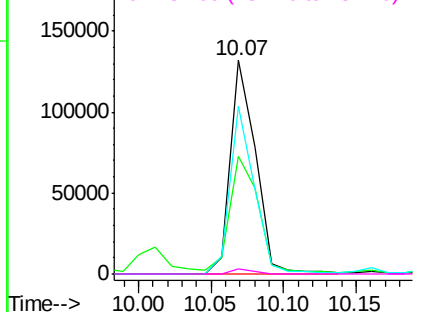


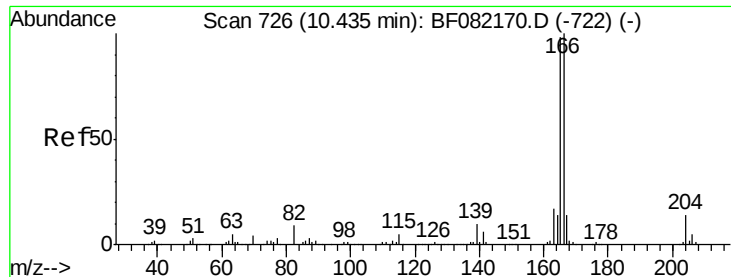
#56
2,4-Dinitrotoluene
Concen: 38.29 ng
RT: 10.07 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 2:53

Tgt Ion:165 Resp: 159877
Ion Ratio Lower Upper
165 100
63 55.3 38.6 58.0
89 78.6 57.0 85.6
182 2.2 1.8 2.6



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

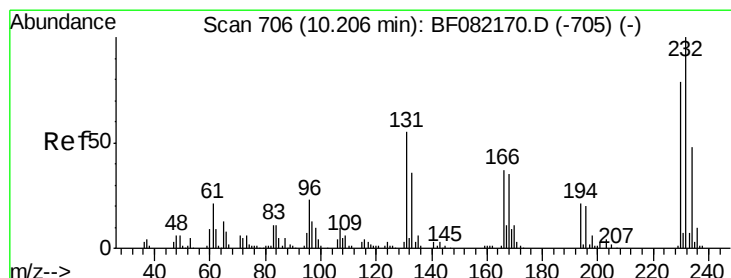
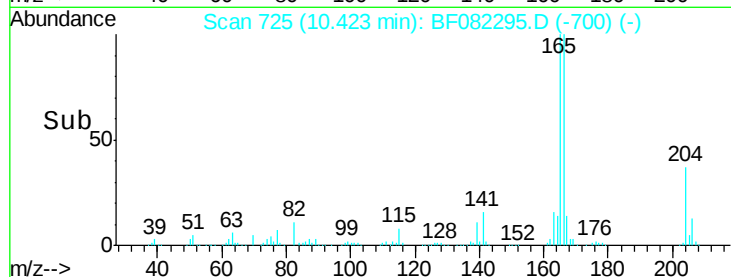
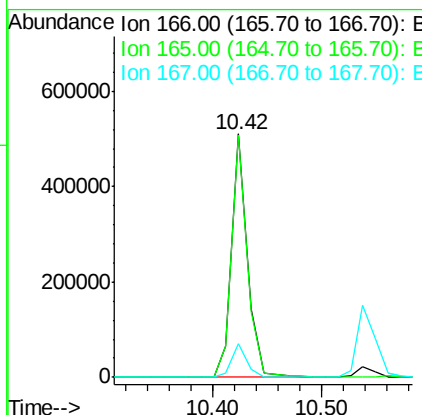
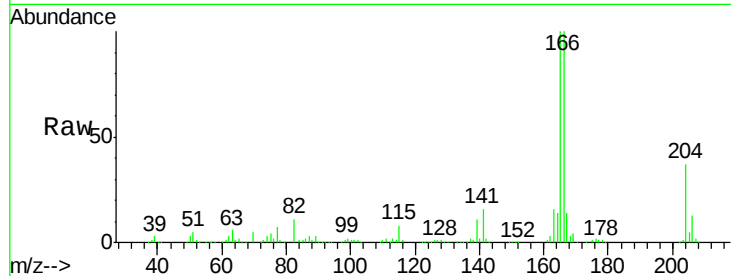




#57
 Fluorene
 Concen: 35.92 ng
 RT: 10.42 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 2:53

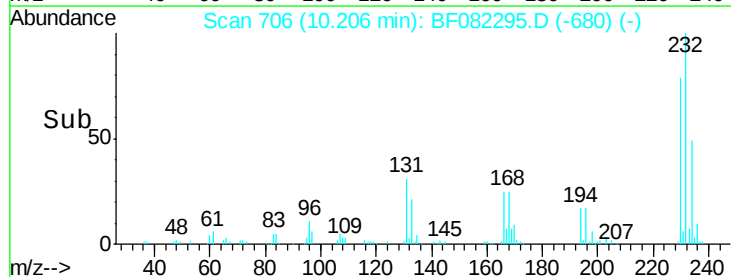
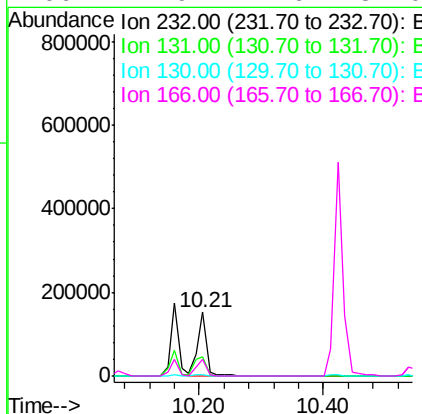
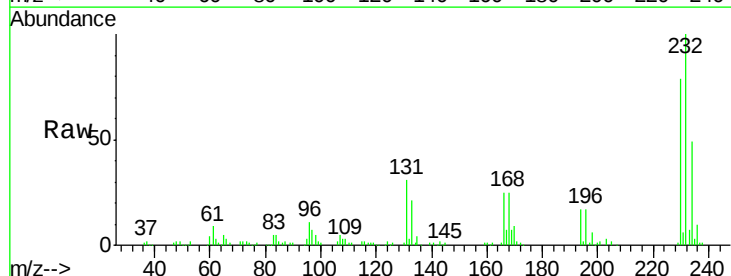
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

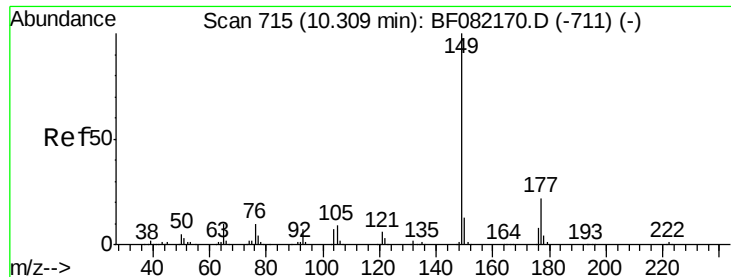
Tot Ion:166 Resp: 511154
 Ion Ratio Lower Upper
 166 100
 165 99.8 78.3 117.5
 167 13.8 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.45 ng
 RT: 10.21 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 2:53

Tgt Ion:232 Resp: 159008
 Ion Ratio Lower Upper
 232 100
 131 40.2 36.6 54.8
 130 1.8 1.5 2.3
 166 27.9 24.6 37.0

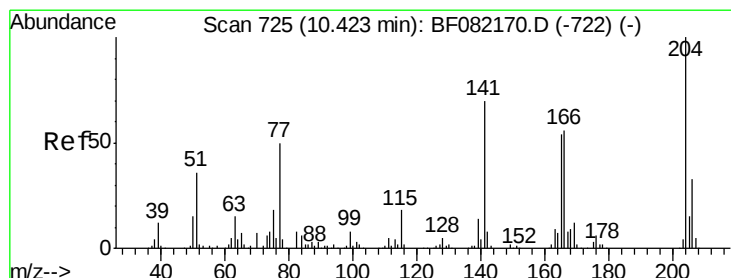
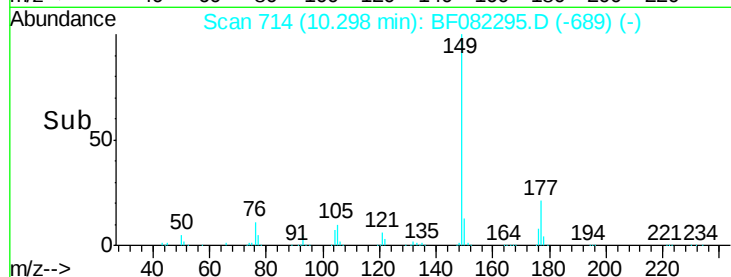
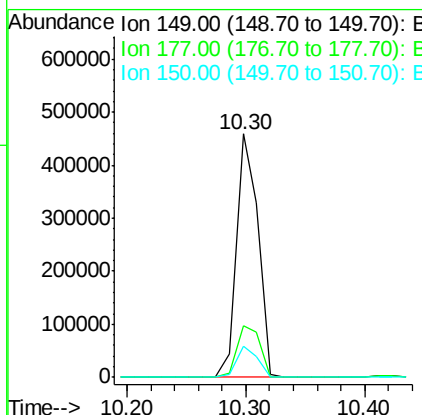
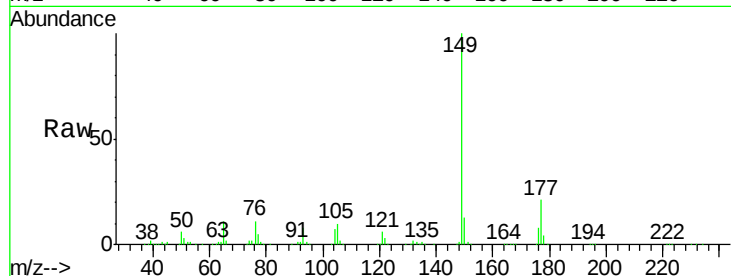




#59
Diethylphthalate
Concen: 39.08 ng
RT: 10.30 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 2:53

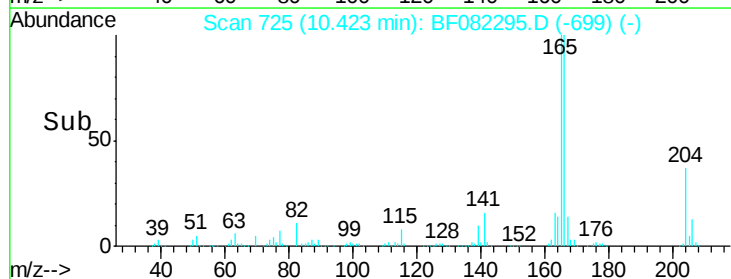
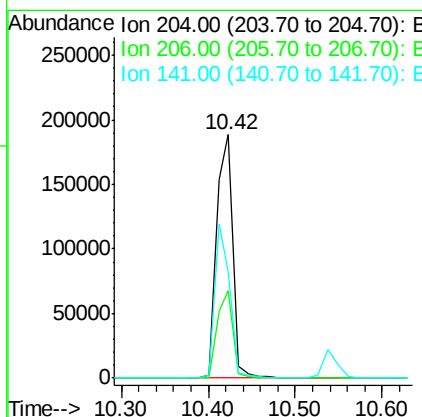
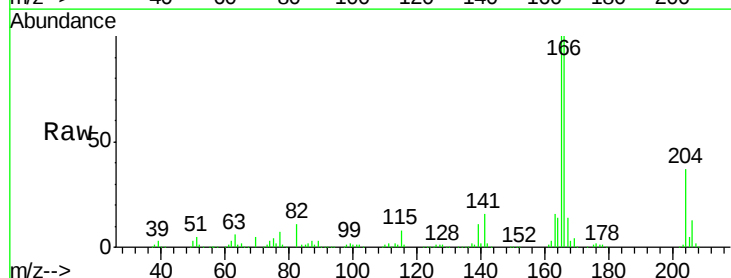
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

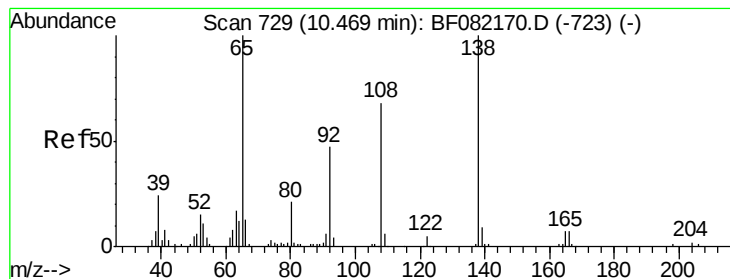
Tot Ion:149 Resp: 576682
Ion Ratio Lower Upper
149 100
177 21.0 17.6 26.4
150 12.9 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 38.14 ng
RT: 10.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF082295.D
Acq: 15 Oct 2015 2:53

Tgt Ion:204 Resp: 248641
Ion Ratio Lower Upper
204 100
206 36.1 26.8 40.2
141 43.9 56.1 84.1#





#61

4-Nitroaniline

Concen: 41.59 ng

RT: 10.46 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

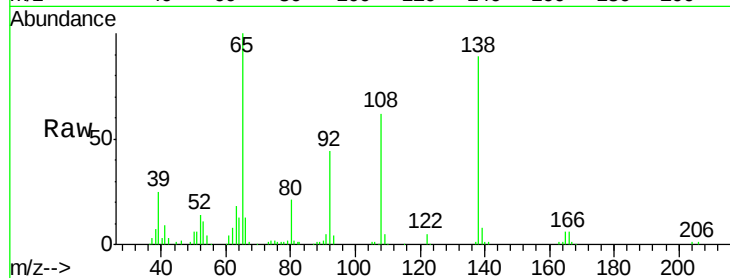
Tot Ion:138 Resp: 152200

Ion Ratio Lower Upper

138 100

92 50.1 26.8 66.8

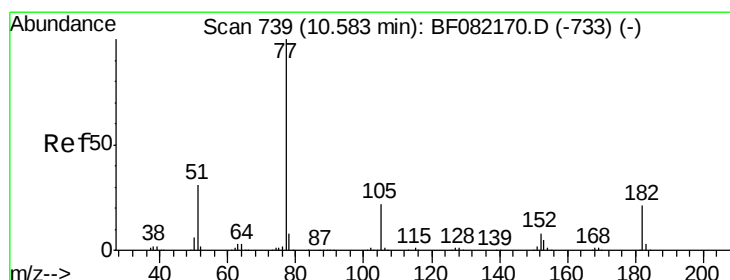
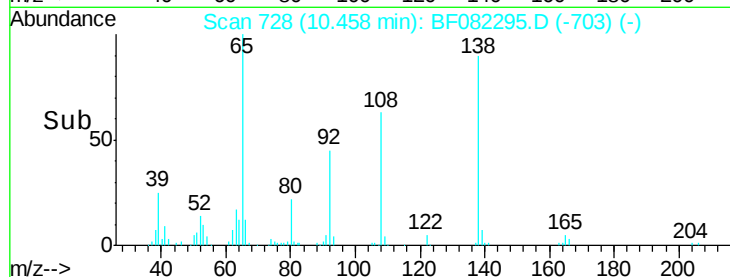
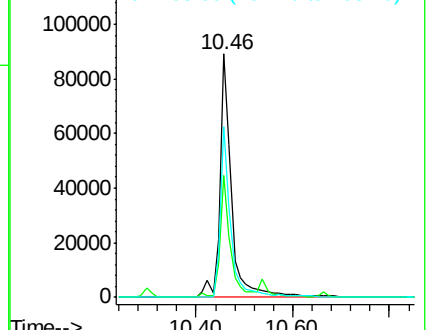
108 70.4 48.4 88.4



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: 38.38 ng

RT: 10.58 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

Tgt Ion: 77 Resp: 554298

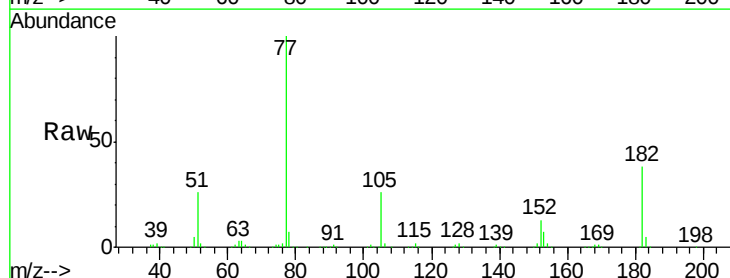
Ion Ratio Lower Upper

77 100

182 37.6 0.5 40.5

105 26.2 1.8 41.8

51 26.4 11.2 51.2

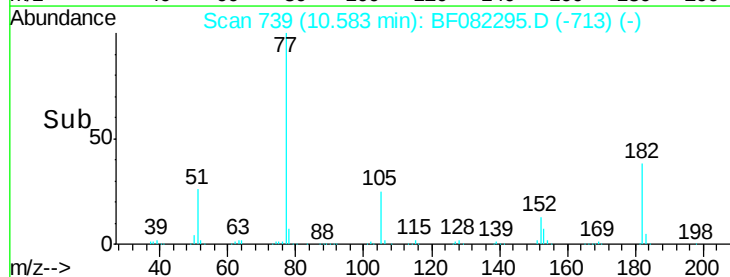
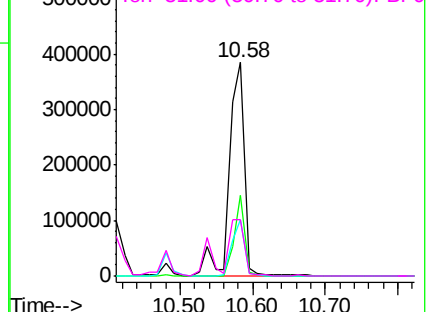


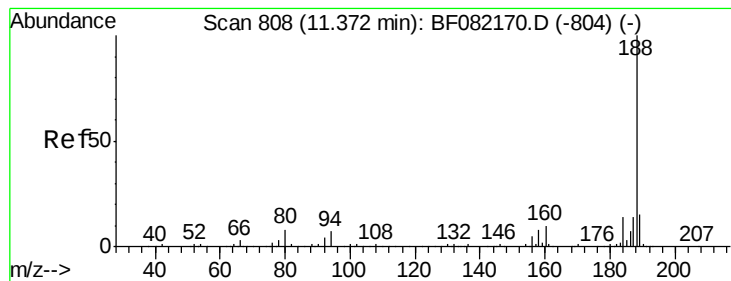
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

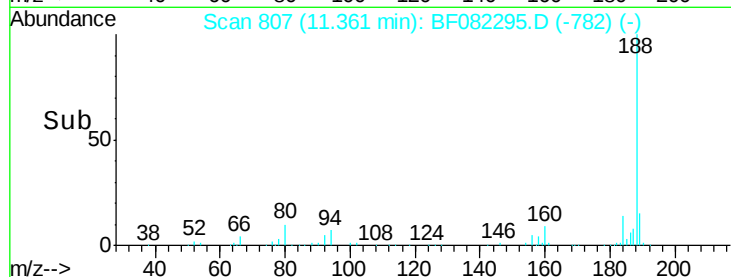
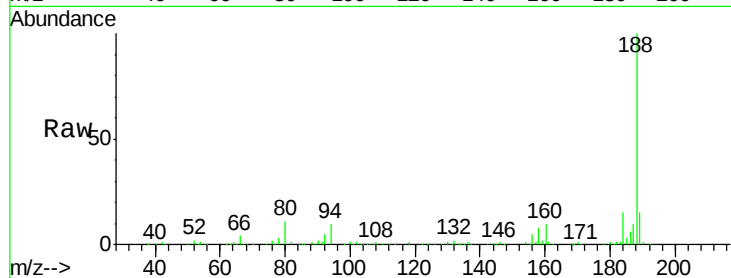
Tot Ion:188 Resp: 426166

Ion Ratio Lower Upper

188 100

94 9.6 5.8 8.6#

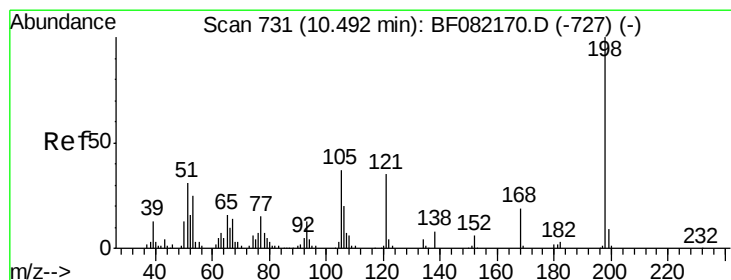
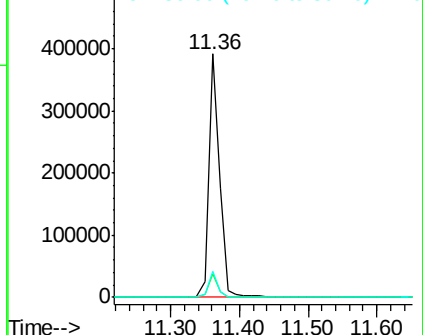
80 10.6 6.4 9.6#



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: 36.71 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

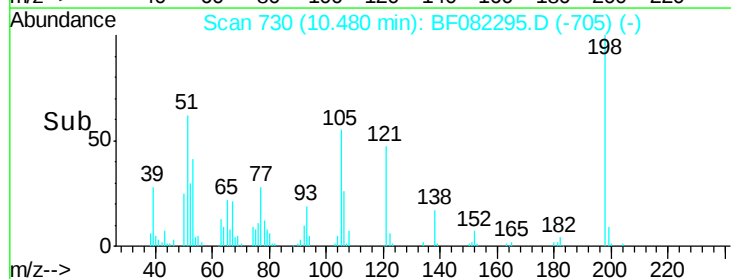
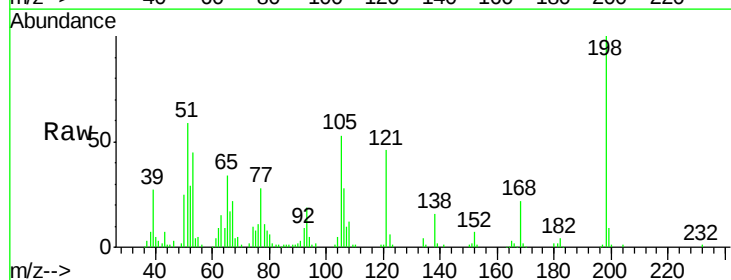
Tgt Ion:198 Resp: 87785

Ion Ratio Lower Upper

198 100

51 59.2 13.6 53.6#

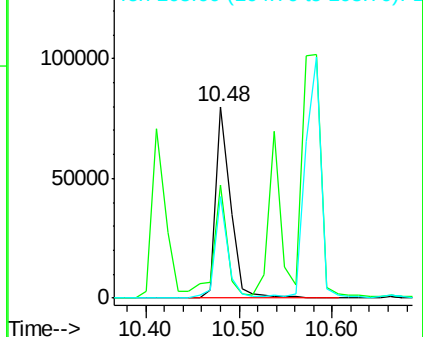
105 52.9 17.1 57.1

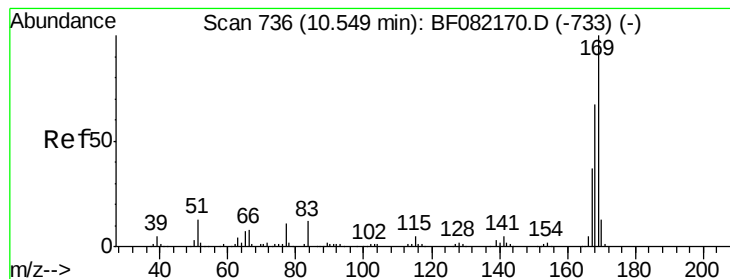


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.27 ng

RT: 10.54 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

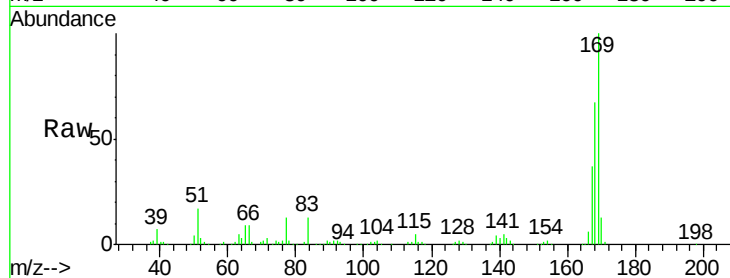
Tot Ion:169 Resp: 475533

Ion Ratio Lower Upper

169 100

168 67.1 54.0 81.0

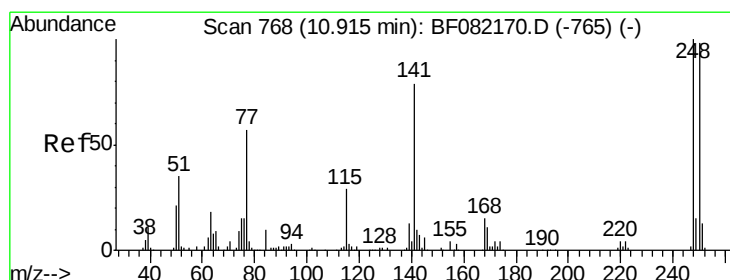
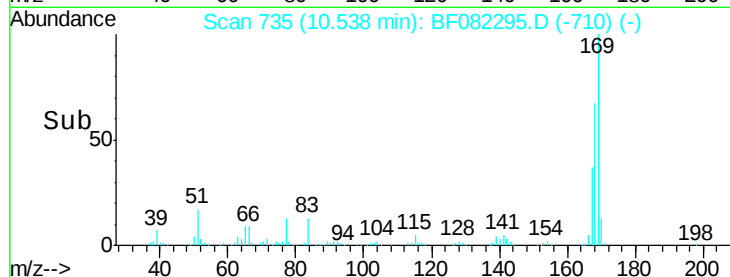
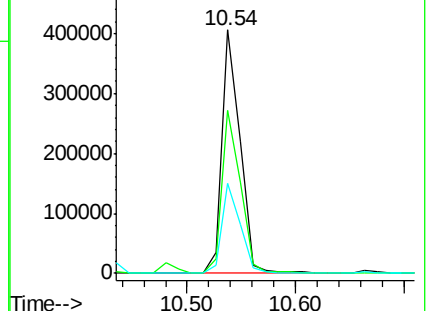
167 37.0 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.20 ng

RT: 10.91 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

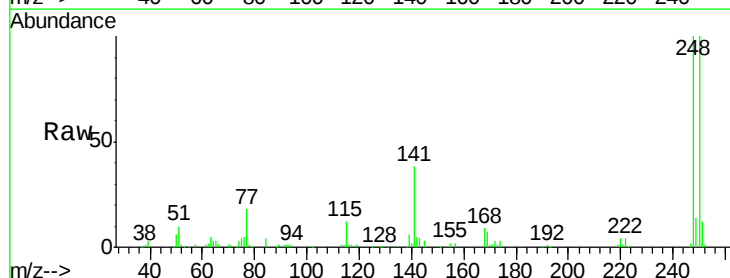
Tgt Ion:248 Resp: 162916

Ion Ratio Lower Upper

248 100

250 100.1 78.6 117.8

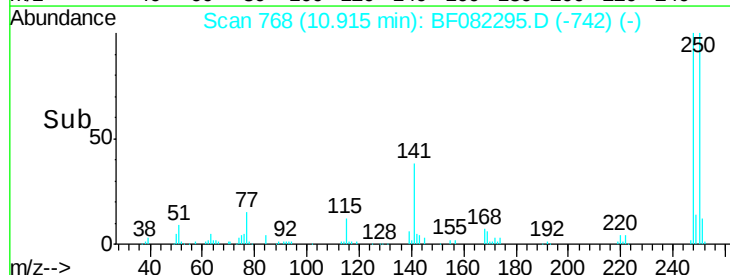
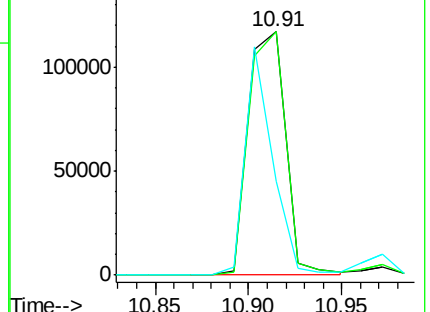
141 38.5 63.3 94.9#

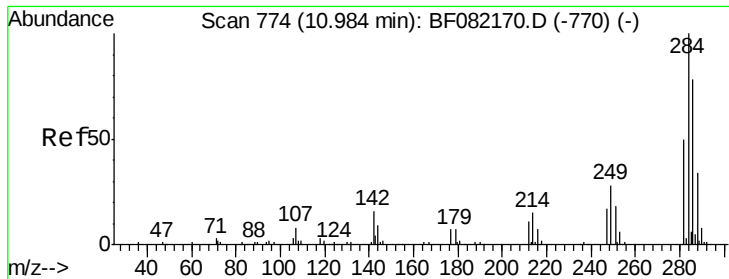


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

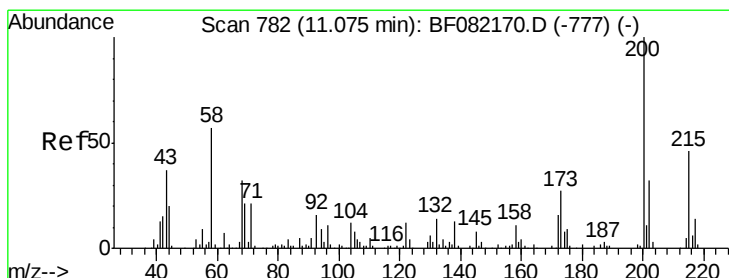
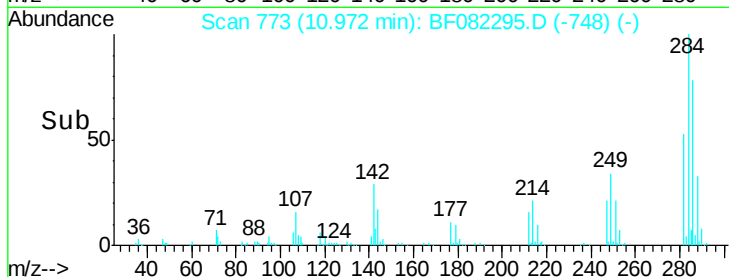
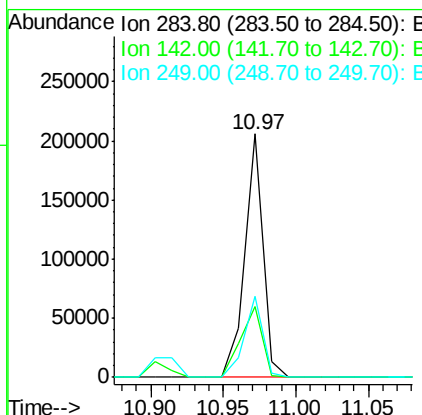
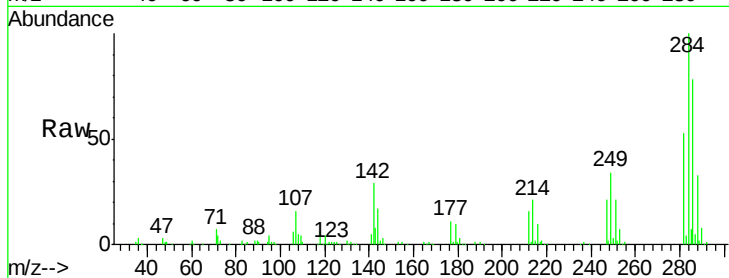




#67
Hexachlorobenzene
Concen: 38.97 ng
RT: 10.97 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 2:53

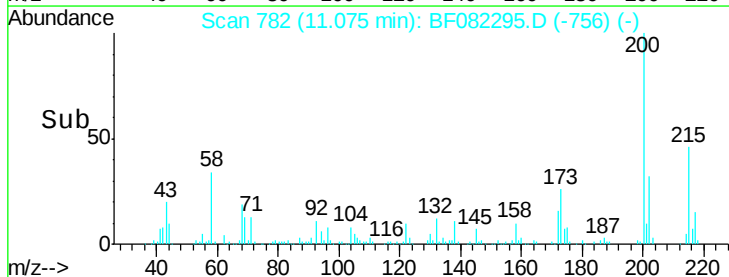
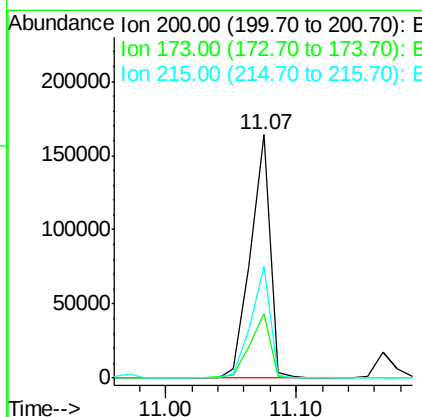
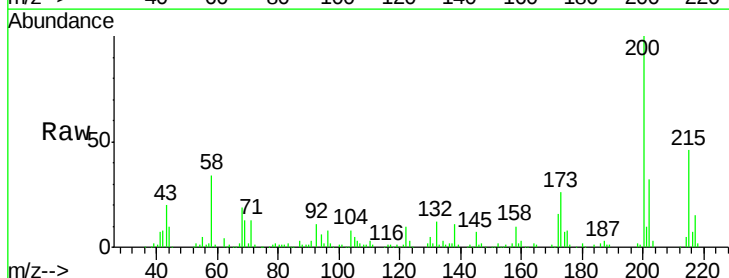
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

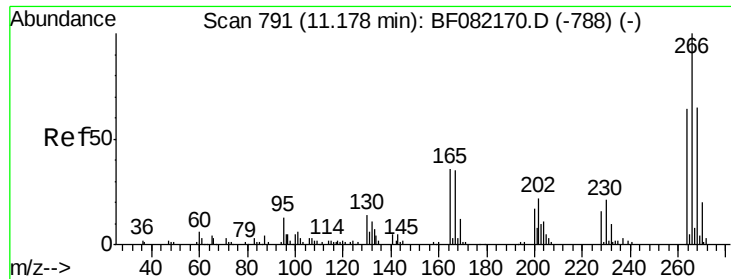
Tot Ion:284 Resp: 179768
Ion Ratio Lower Upper
284 100
142 29.3 13.0 19.6#
249 33.5 22.5 33.7



#68
Atrazine
Concen: 42.48 ng
RT: 11.07 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF082295.D
Acq: 15 Oct 2015 2:53

Tgt Ion:200 Resp: 171717
Ion Ratio Lower Upper
200 100
173 26.3 7.3 47.3
215 46.1 26.2 66.2

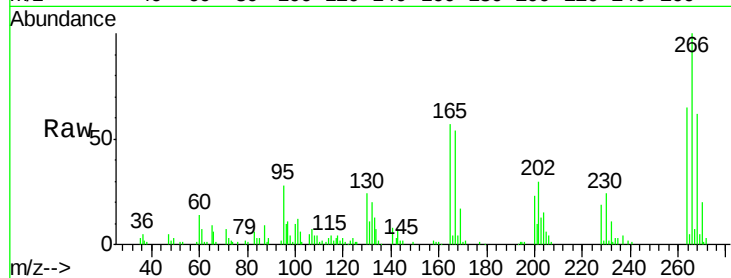




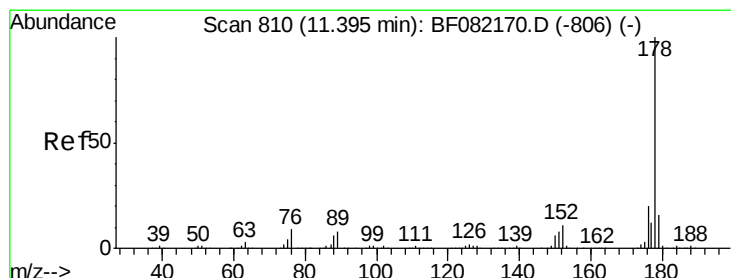
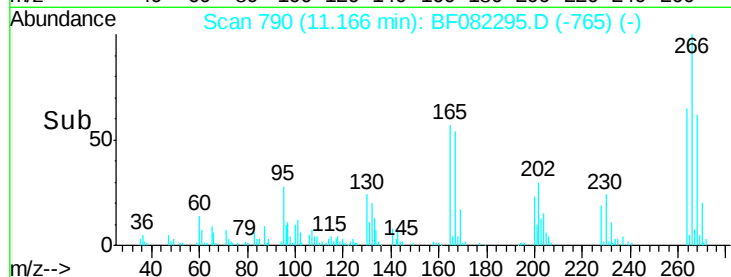
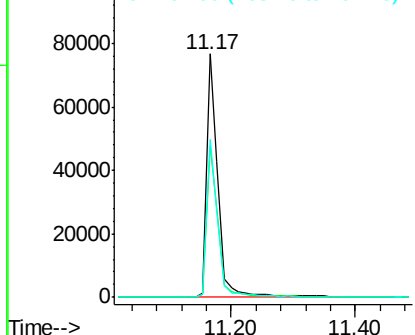
#69
 Pentachlorophenol
 Concen: 40.33 ng
 RT: 11.17 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 2:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 95734
 Ion Ratio Lower Upper
 266 100
 268 62.3 52.0 78.0
 264 64.9 51.4 77.0

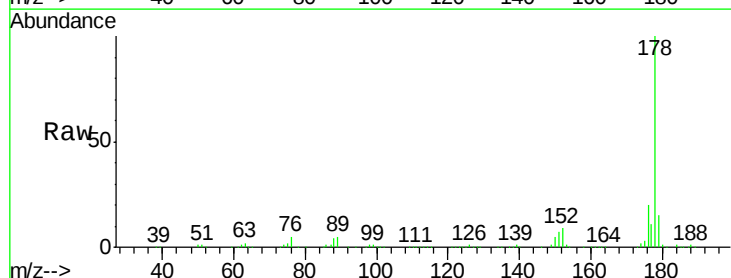


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

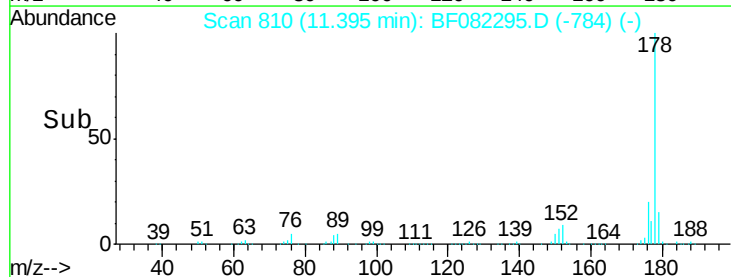
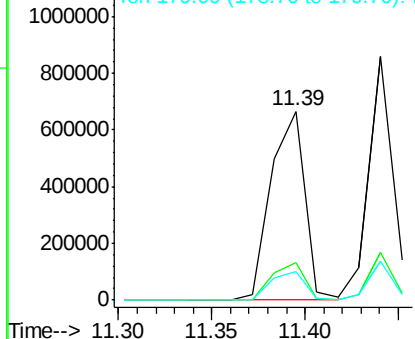


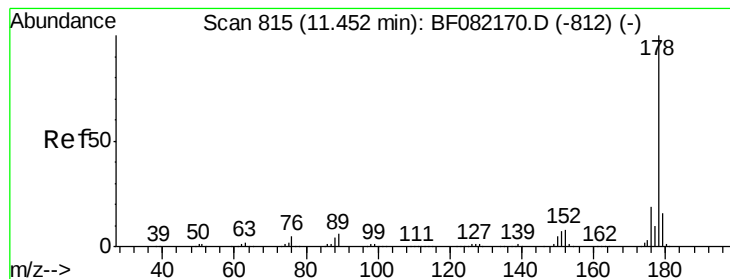
#70
 Phenanthrene
 Concen: 40.09 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 2:53

Tgt Ion:178 Resp: 837445
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.0 24.0
 179 15.0 12.6 19.0



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: 37.70 ng

RT: 11.44 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

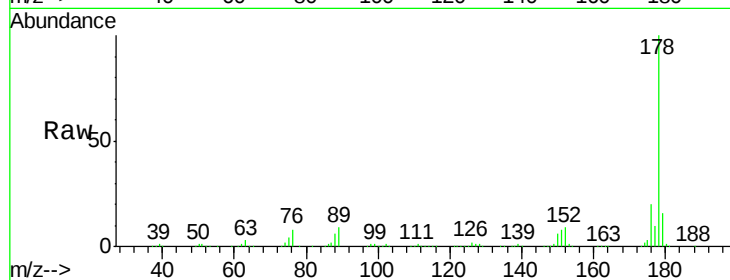
Tot Ion:178 Resp: 811480

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.0

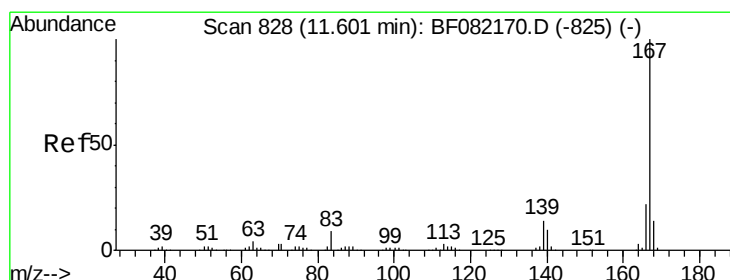
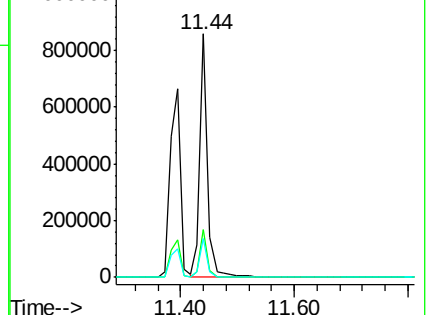
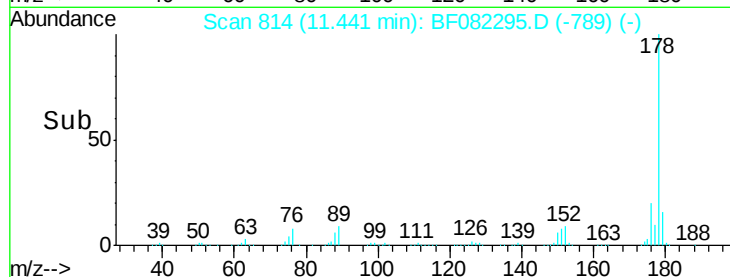
179 16.2 12.5 18.7



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: 37.89 ng

RT: 11.60 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

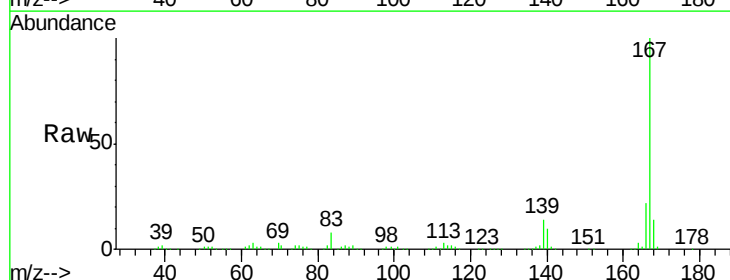
Tgt Ion:167 Resp: 744029

Ion Ratio Lower Upper

167 100

166 22.2 17.3 25.9

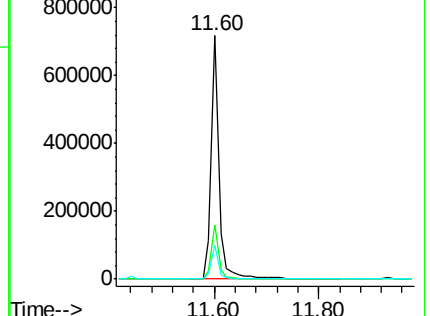
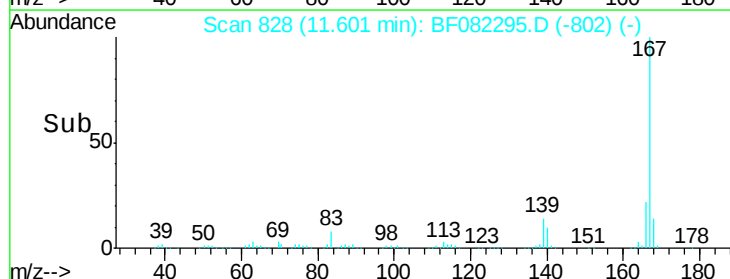
139 13.7 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.72 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

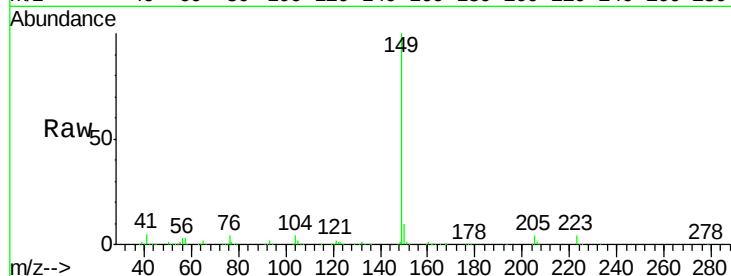
Tot Ion:149 Resp: 986448

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

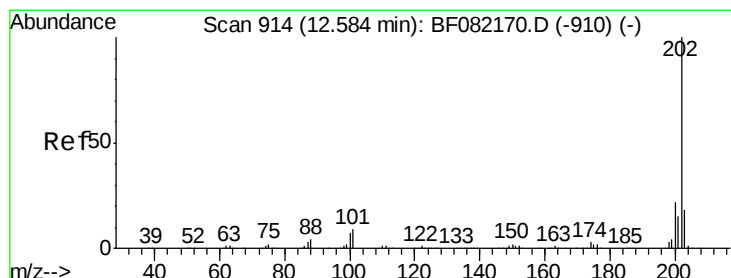
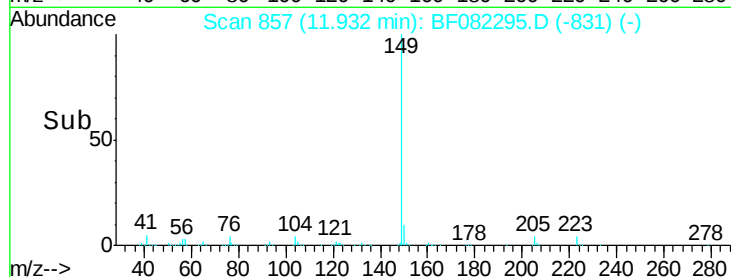
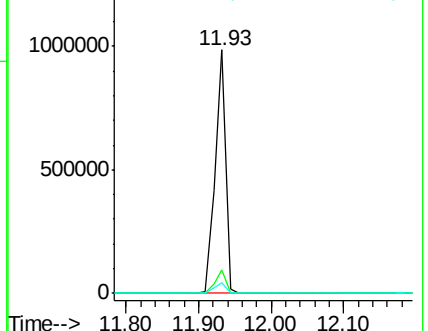
104 4.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.59 ng

RT: 12.58 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

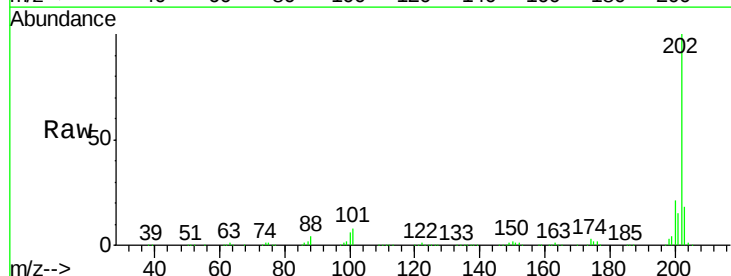
Tgt Ion:202 Resp: 888269

Ion Ratio Lower Upper

202 100

101 8.3 0.0 29.3

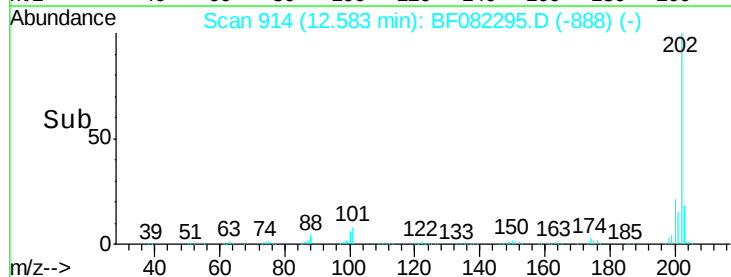
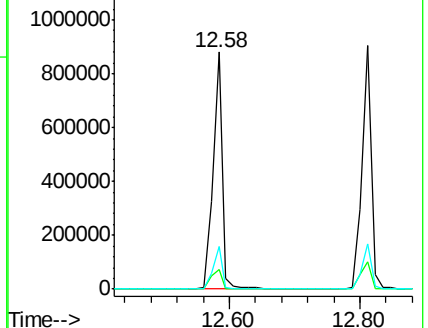
203 17.9 0.0 37.8

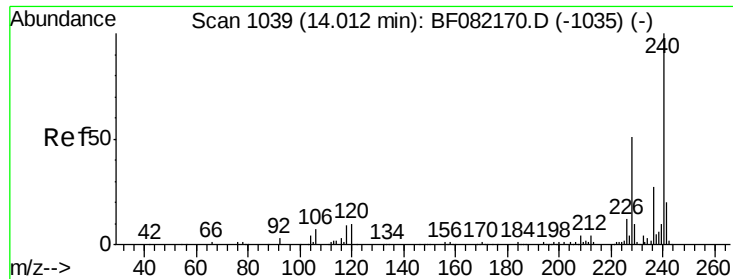


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

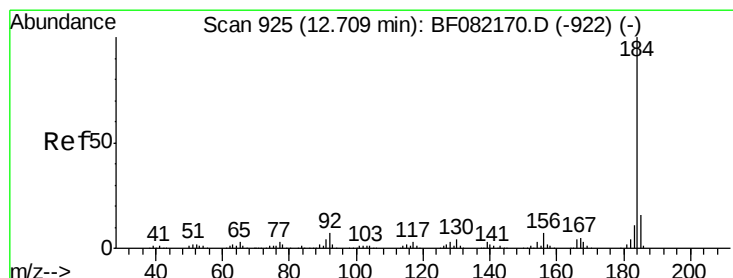
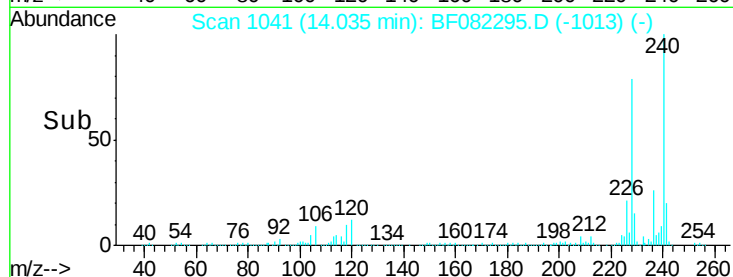
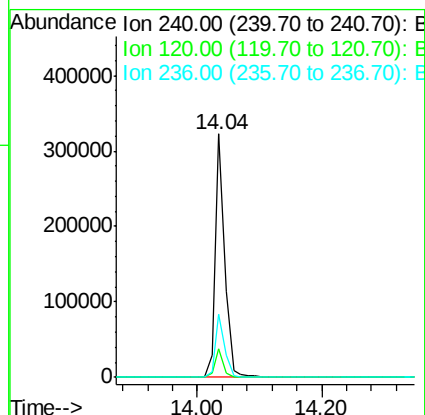
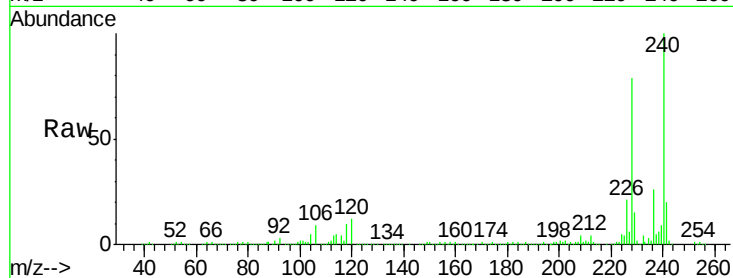




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. 0.02 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 2:53

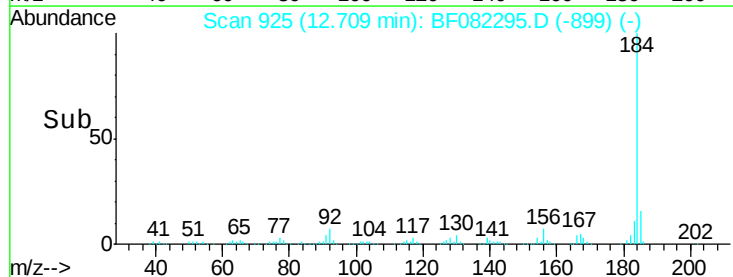
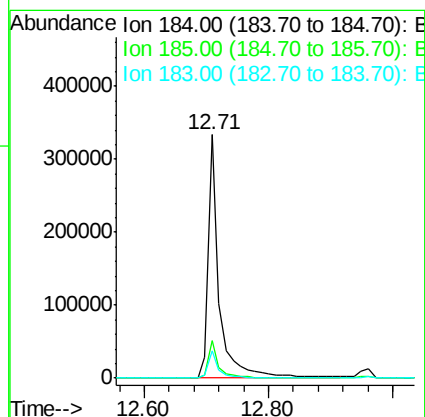
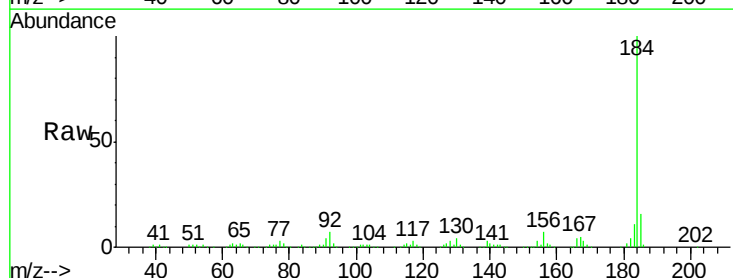
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

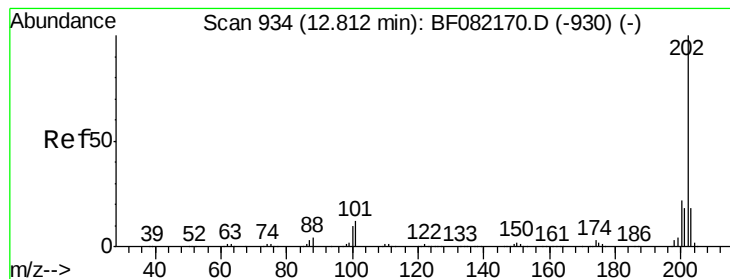
Tot Ion:240 Resp: 336250
 Ion Ratio Lower Upper
 240 100
 120 12.0 8.1 12.1
 236 25.8 21.3 31.9



#76
 Benzidine
 Concen: 42.47 ng
 RT: 12.71 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 2:53

Tgt Ion:184 Resp: 413813
 Ion Ratio Lower Upper
 184 100
 185 15.5 12.5 18.7
 183 11.3 9.1 13.7





#77

Pvrene

Concen: 44.05 ng

RT: 12.81 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

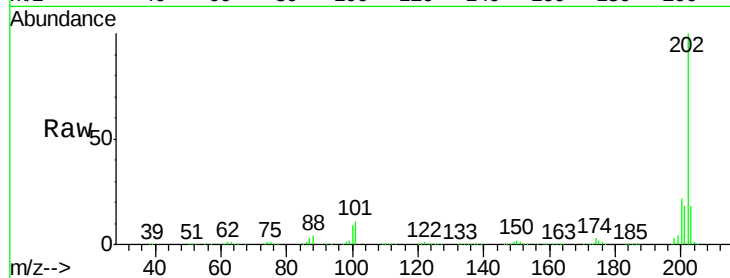
Tot Ion:202 Resp: 879109

Ion Ratio Lower Upper

202 100

200 22.1 17.9 26.9

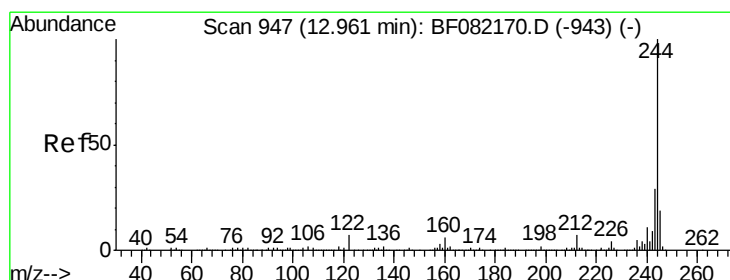
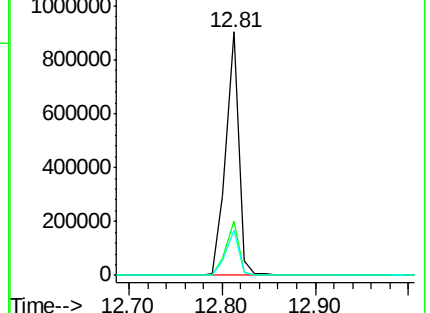
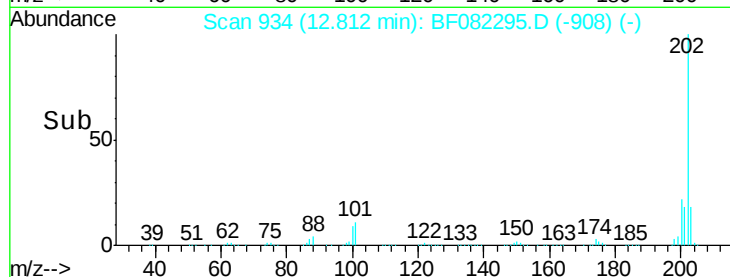
203 18.4 14.5 21.7



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: 87.49 ng

RT: 12.96 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

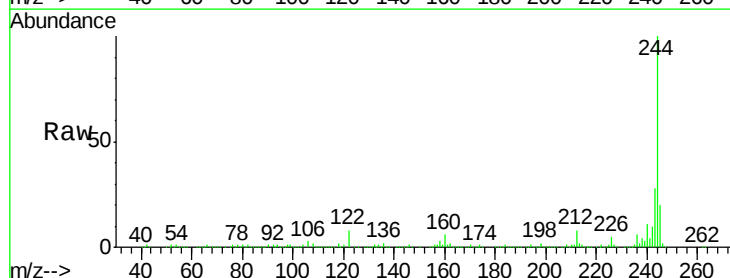
Tgt Ion:244 Resp: 1110219

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

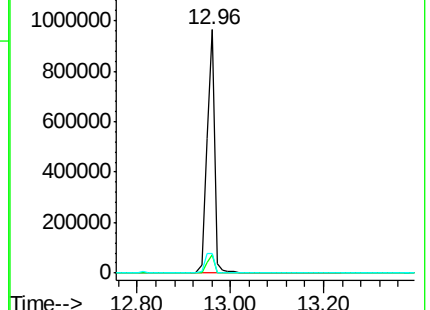
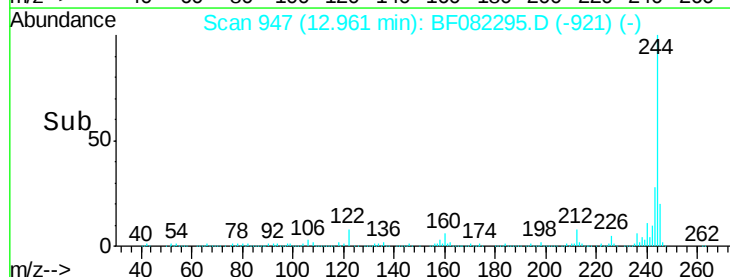
122 8.1 5.9 8.9

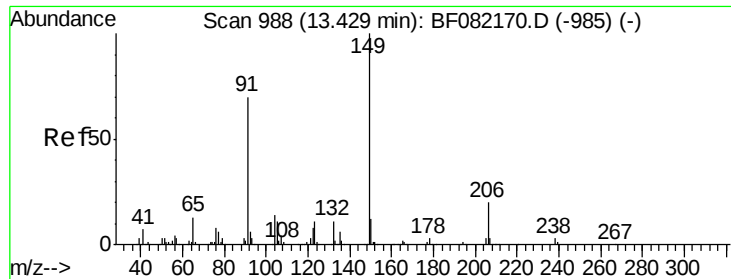


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

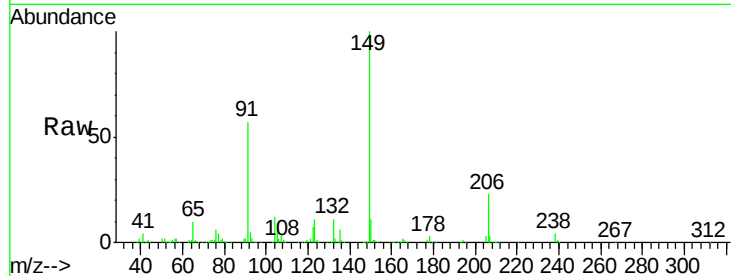




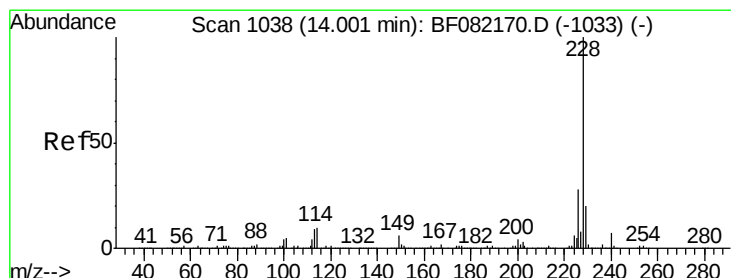
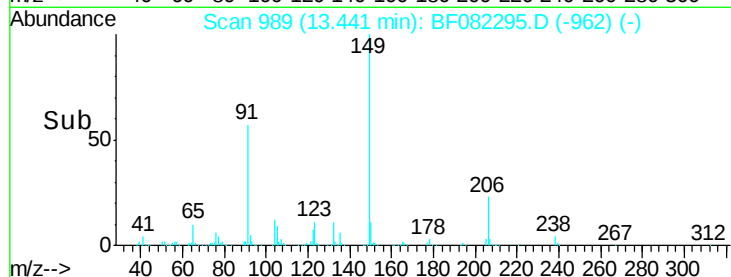
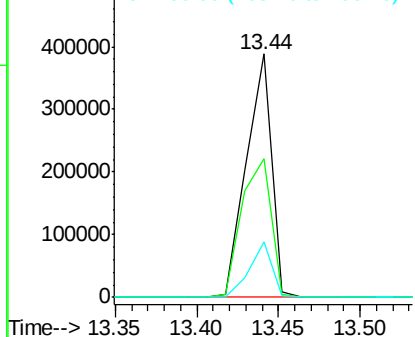
#79
Butylbenzylphthalate
Concen: 45.74 ng
RT: 13.44 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 2:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	56.7	55.7	83.5
206	22.6	15.6	23.4

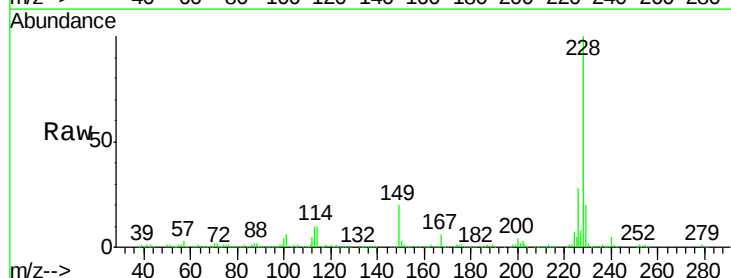


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

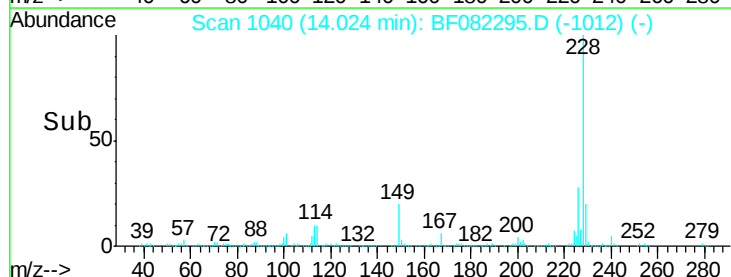
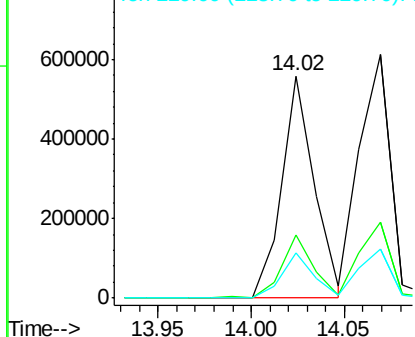


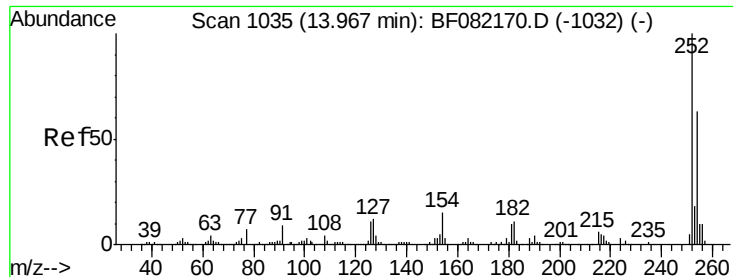
#80
Benzo(a)anthracene
Concen: 39.03 ng
RT: 14.02 min Scan# 1040
Delta R.T. 0.02 min
Lab File: BF082295.D
Acq: 15 Oct 2015 2:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.3	33.5
229	20.3	16.2	24.2



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

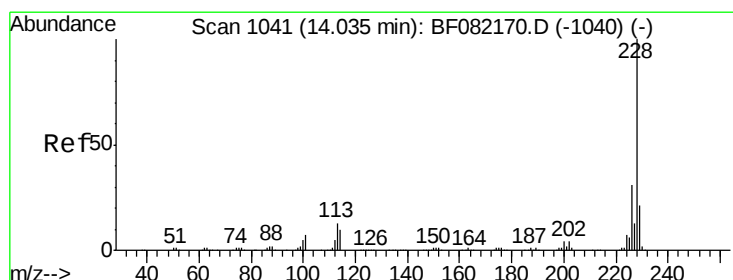
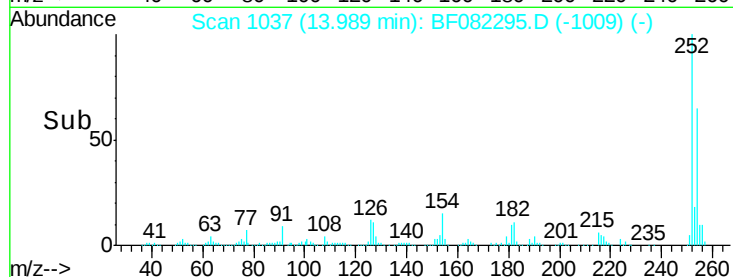
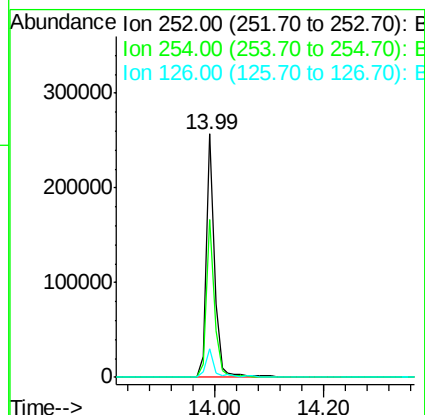
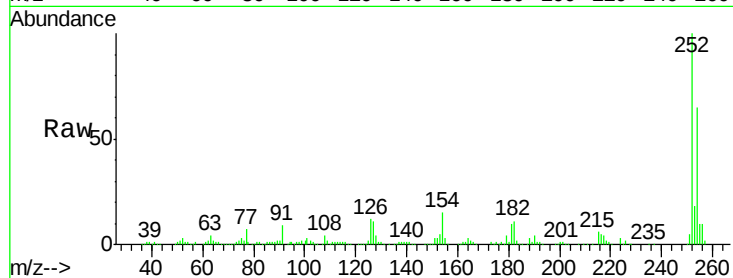




#81
 3,3'-Dichlorobenzidine
 Concen: 40.54 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. 0.02 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 2:53

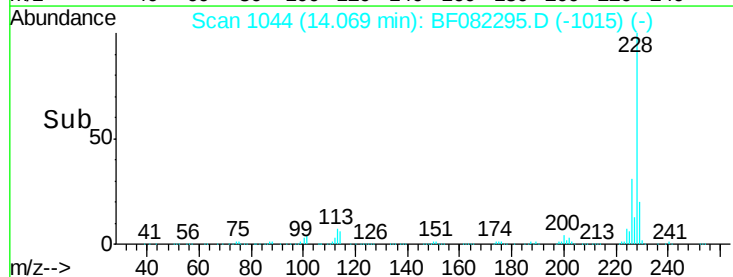
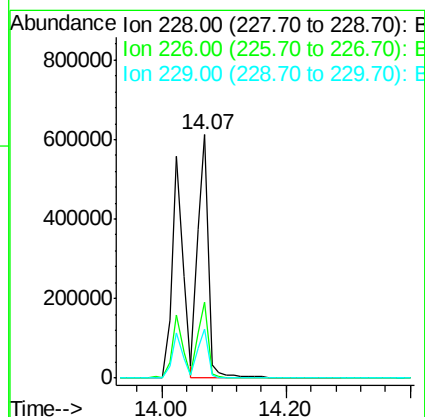
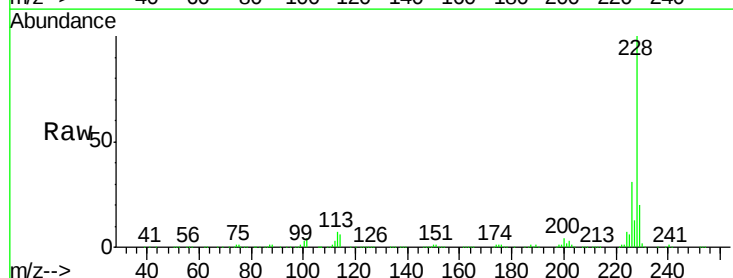
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

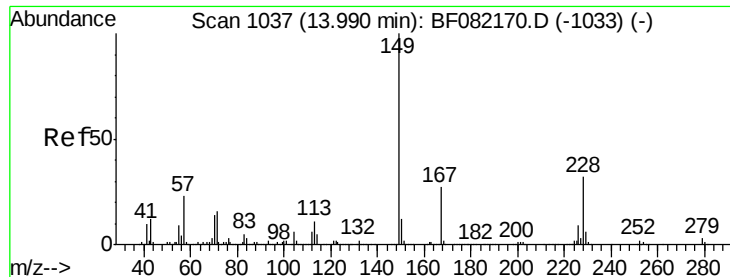
Tot Ion:252 Resp: 269225
 Ion Ratio Lower Upper
 252 100
 254 64.6 50.7 76.1
 126 11.7 9.0 13.6



#82
 Chrysene
 Concen: 39.68 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. 0.03 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 2:53

Tgt Ion:228 Resp: 731545
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.4 36.6
 229 20.3 16.3 24.5

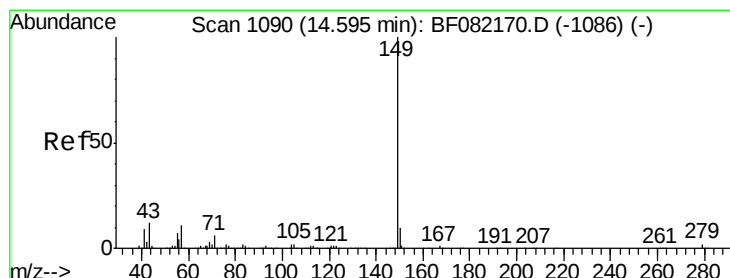
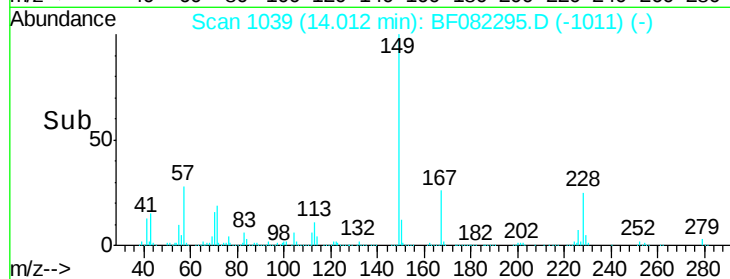
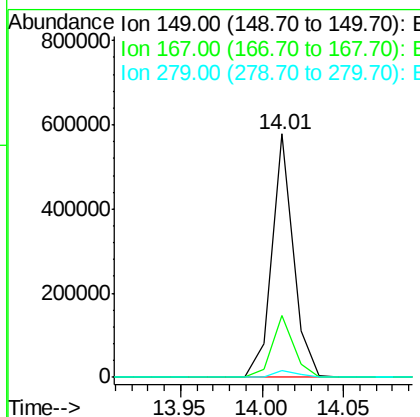
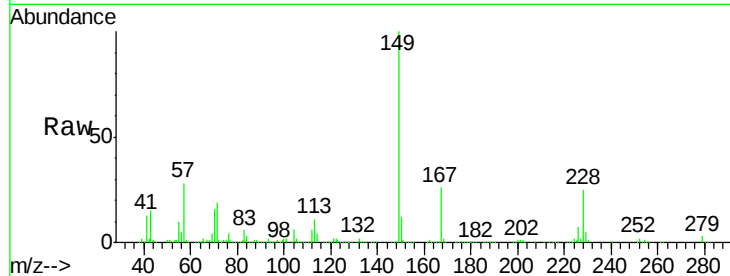




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.85 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. 0.02 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 2:53

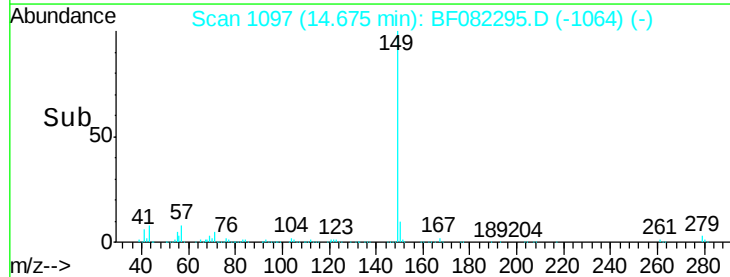
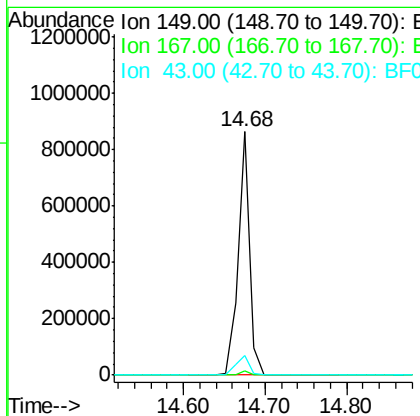
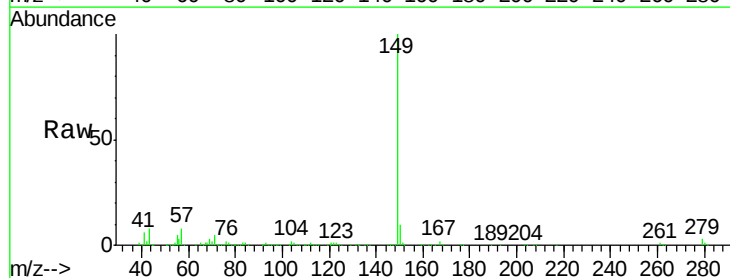
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.3	31.9
279	2.6	2.6	4.0#



#84
 Di-n-octyl phthalate
 Concen: 37.83 ng
 RT: 14.68 min Scan# 1097
 Delta R.T. 0.08 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 2:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.4	7.4	11.2

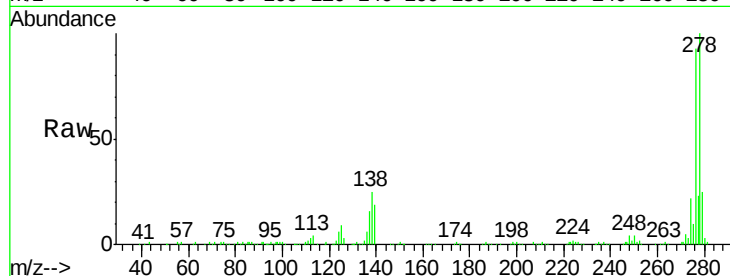




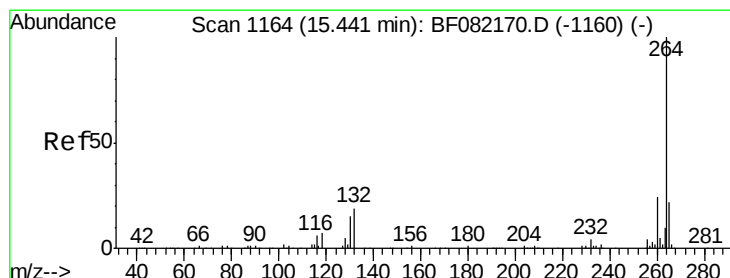
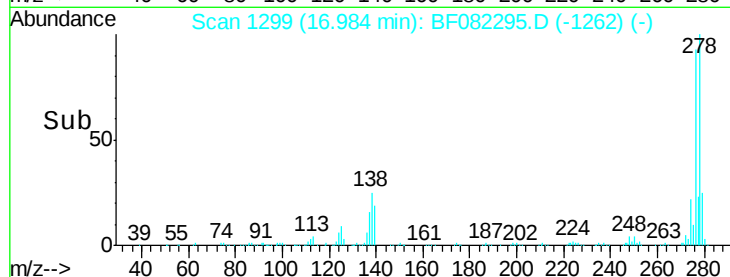
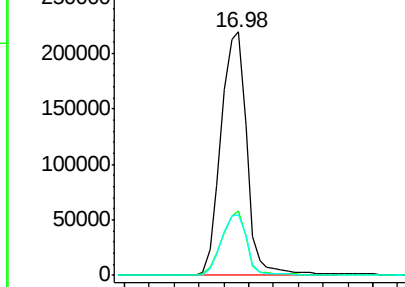
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.27 ng
 RT: 16.98 min Scan# 1299
 Delta R.T. 0.13 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 2:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.3	19.7	29.5
277	25.1	20.1	30.1

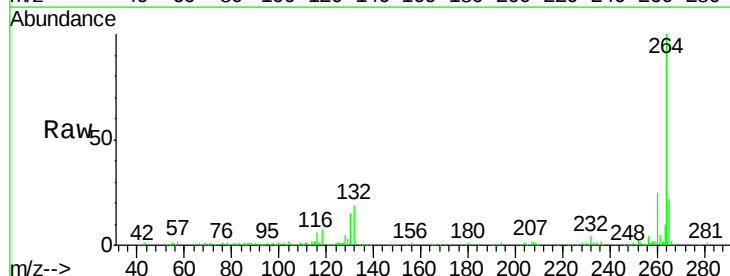


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

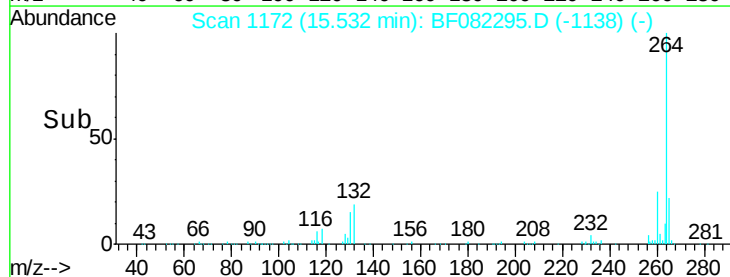
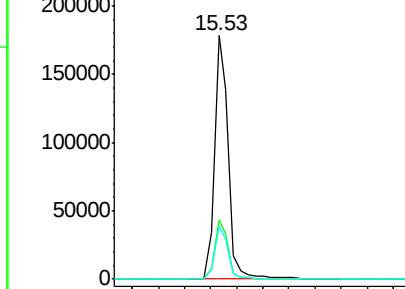


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. 0.09 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 2:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.6
265	21.8	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

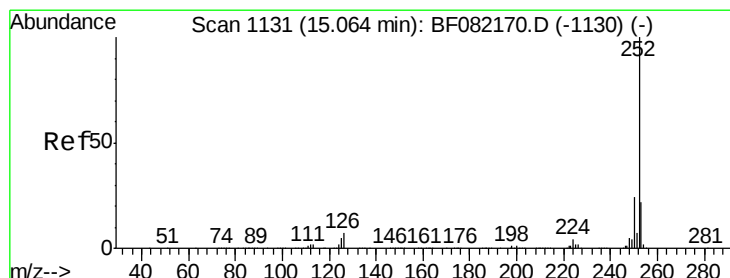
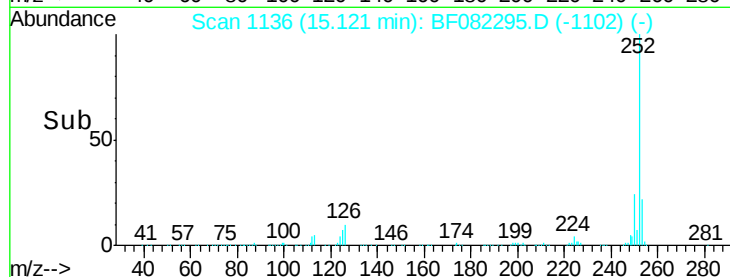
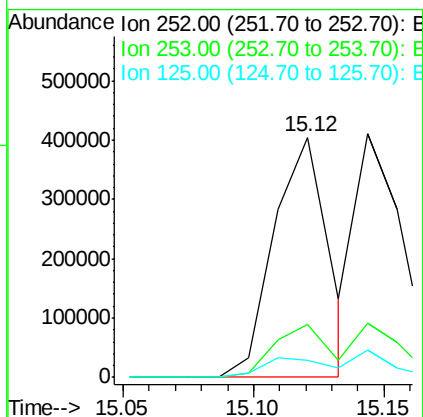
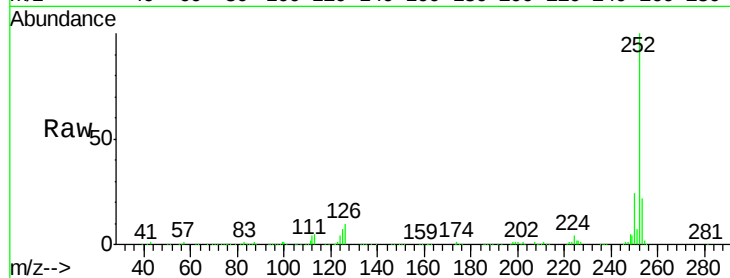




#87
Benzo(b)fluoranthene
Concen: 36.11 ng
RT: 15.12 min Scan# 1136
Delta R.T. 0.09 min
Lab File: BF082295.D
Acq: 15 Oct 2015 2:53

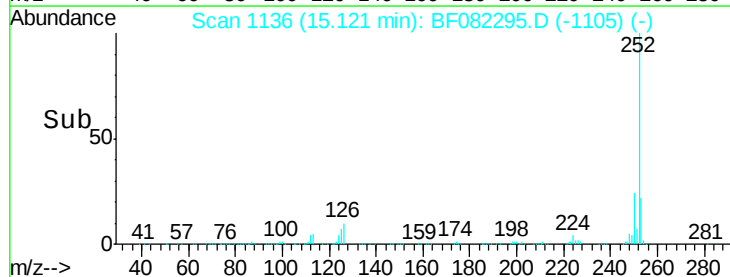
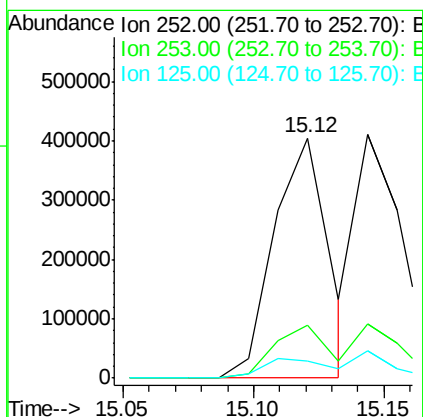
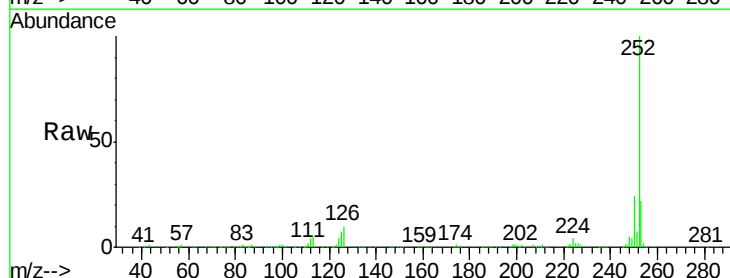
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 586792
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 7.3 8.6 12.8#



#88
Benzo(k)fluoranthene
Concen: 42.96 ng
RT: 15.12 min Scan# 1136
Delta R.T. 0.06 min
Lab File: BF082295.D
Acq: 15 Oct 2015 2:53

Tgt Ion:252 Resp: 586792
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 7.3 6.7 10.1





#89

Benzo(a)pyrene

Concen: 37.34 ng

RT: 15.48 min Scan# 1167

Delta R.T. 0.09 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

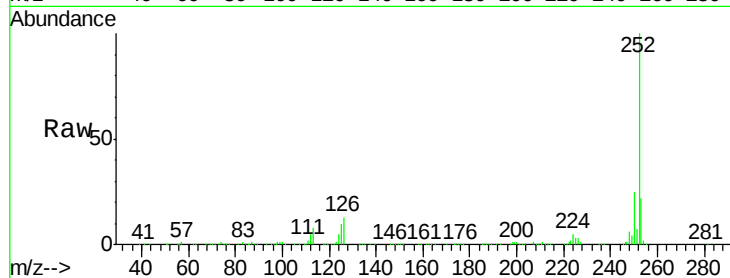
Tot Ion:252 Resp: 521550

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

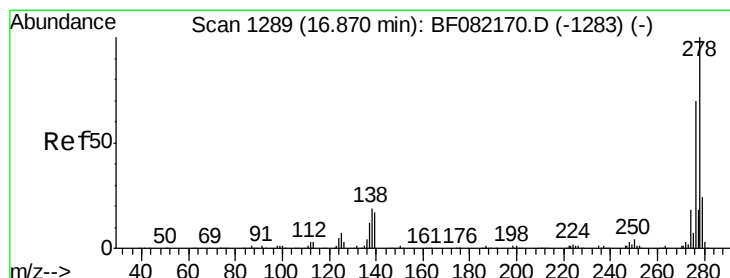
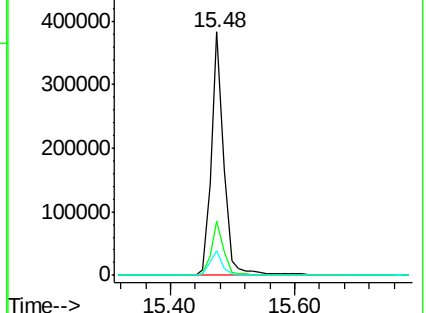
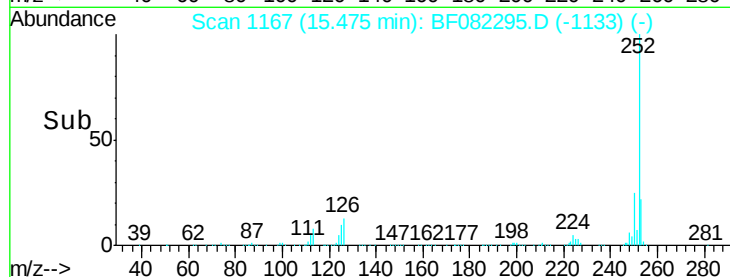
125 10.1 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.33 ng

RT: 17.00 min Scan# 1300

Delta R.T. 0.13 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

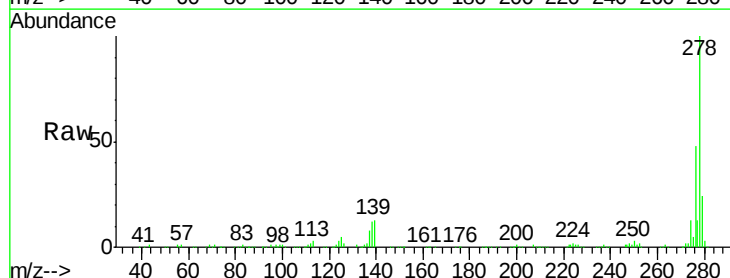
Tgt Ion:278 Resp: 530302

Ion Ratio Lower Upper

278 100

139 13.0 13.3 19.9#

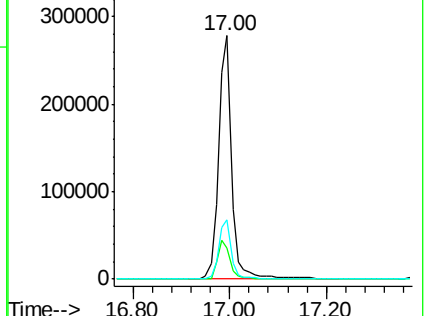
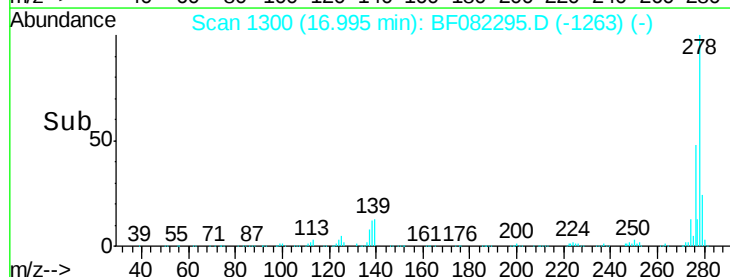
279 24.5 18.9 28.3

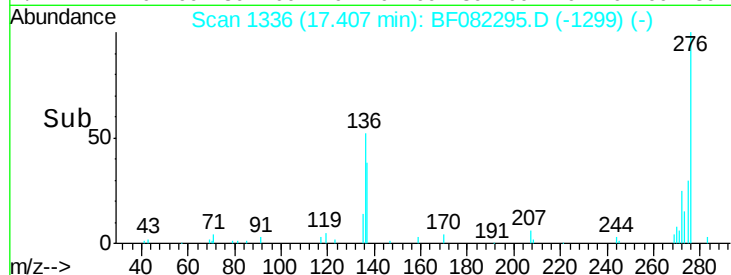
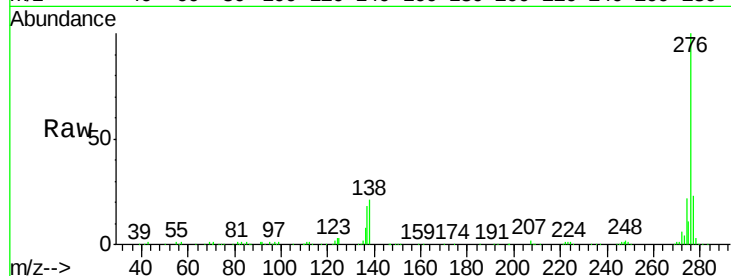
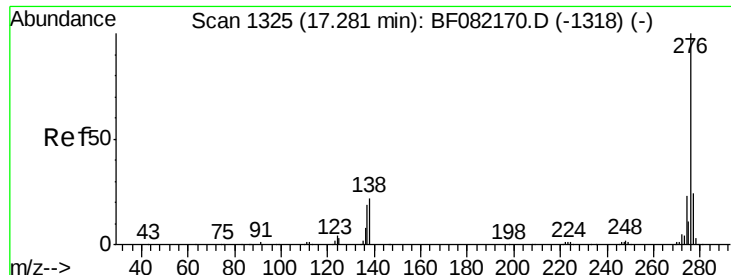


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 47.97 ng

RT: 17.41 min Scan# 1336

Delta R.T. 0.13 min

Lab File: BF082295.D

Acq: 15 Oct 2015 2:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 276 Resp: 533382

Ion Ratio Lower Upper

276 100

277 22.9 18.8 28.2

138 20.7 17.4 26.2

