

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
 Data File : BF088367.D
 Acq On : 25 Jun 2016 10:29
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 26 01:54:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	99455	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	412802	20.00	ng	-0.05
38) Acenaphthene-d10	9.60	164	192622	20.00	ng	-0.05
63) Phenanthrene-d10	11.07	188	357891	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	258364	20.00	ng	-0.05
86) Perylene-d12	15.05	264	206018	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	447678	76.95	ng	-0.03
7) Phenol-d6	6.24	99	522576	74.12	ng	-0.02
23) Nitrobenzene-d5	7.14	82	523155	74.00	ng	-0.03
41) 2,4,6-Tribromophenol	10.39	330	139499	68.59	ng	-0.05
44) 2-Fluorobiphenyl	8.94	172	1023225	83.34	ng	-0.03
78) Terphenyl-d14	12.65	244	844673	74.39	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.95	88	113958	40.31	ng	# 46
3) Pyridine	2.59	79	261604	39.19	ng	90
4) n-Nitrosodimethylamine	2.56	42	92768	32.82	ng	79
6) Aniline	6.23	93	330246	32.91	ng	93
8) 2-Chlorophenol	6.35	128	277425	40.29	ng	88
9) Benzaldehyde	6.11	77	169329	38.19	ng	99
10) Phenol	6.25	94	349226	48.15	ng	92
11) bis(2-Chloroethyl)ether	6.31	93	270026	43.68	ng	89
12) 1,3-Dichlorobenzene	6.73	146	227436	30.78	ng	99
13) 1,4-Dichlorobenzene	6.58	146	301323	40.49	ng	98
14) 1,2-Dichlorobenzene	6.58	146	305620	45.15	ng	98
15) Benzyl Alcohol	6.73	79	196976	35.71	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.86	45	250924	30.04	ng	# 1
17) 2-Methylphenol	6.86	107	200739	35.95	ng	# 89
18) Hexachloroethane	7.06	117	103709	39.27	ng	# 82
19) n-Nitroso-di-n-propylamine	7.00	70	188864	41.87	ng	# 84
20) 3+4-Methylphenols	7.02	107	261164	40.08	ng	# 80
22) Acetophenone	6.99	105	379292	41.12	ng	# 97
24) Nitrobenzene	7.16	77	279083	40.76	ng	97
25) Isophorone	7.40	82	506709	38.70	ng	99
26) 2-Nitrophenol	7.47	139	150638	41.07	ng	97
27) 2,4-Dimethylphenol	7.54	122	232181	34.38	ng	99
28) bis(2-Chloroethoxy)methane	7.62	93	330613	40.71	ng	# 97
29) 2,4-Dichlorophenol	7.74	162	226567	40.18	ng	92
30) 1,2,4-Trichlorobenzene	7.79	180	228759	37.26	ng	98
31) Naphthalene	7.87	128	770323	37.71	ng	99
32) Benzoic acid	7.71	122	110673	29.76	ng	94
33) 4-Chloroaniline	7.94	127	344986	37.82	ng	# 94
34) Hexachlorobutadiene	7.99	225	115914	35.80	ng	98
35) Caprolactam	8.33	113	46089	24.68	ng	# 82
36) 4-Chloro-3-methylphenol	8.44	107	244145	40.48	ng	98
37) 2-Methylnaphthalene	8.56	142	486027	36.10	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	218735	42.97	ng	# 1
40) Hexachlorocyclopentadiene	8.72	237	132477	42.64	ng	98

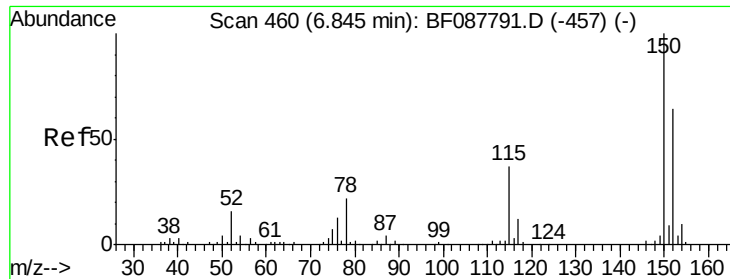
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	135098	35.07	ng	99
43) 2,4,5-Trichlorophenol	8.90	196	147191	36.73	ng #	91
45) 1,1'-Biphenyl	9.03	154	613339	42.01	ng	98
46) 2-Chloronaphthalene	9.05	162	488130	39.16	ng	100
47) 2-Nitroaniline	9.16	65	145020	39.44	ng #	76
48) Acenaphthylene	9.46	152	764874	38.58	ng	99
49) Dimethylphthalate	9.35	163	593883	42.56	ng	99
50) 2,6-Dinitrotoluene	9.40	165	120606	37.74	ng #	62
51) Acenaphthene	9.63	154	457178	36.96	ng	99
52) 3-Nitroaniline	9.58	138	141435	38.36	ng	95
53) 2,4-Dinitrophenol	9.70	184	68811	44.91	ng #	86
54) Dibenzofuran	9.80	168	661403	38.83	ng #	90
55) 4-Nitrophenol	9.80	139	387004	135.23	ng #	11
56) 2,4-Dinitrotoluene	9.82	165	169366	41.24	ng	92
57) Fluorene	10.15	166	509760	44.20	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.93	232	121775	38.67	ng #	57
59) Diethylphthalate	10.03	149	513679	36.37	ng	98
60) 4-Chlorophenyl-phenylether	10.14	204	202442	35.74	ng	90
61) 4-Nitroaniline	10.19	138	143209	40.95	ng	97
62) Azobenzene	10.30	77	542730	38.86	ng	96
64) 4,6-Dinitro-2-methylphenol	10.23	198	82069	37.24	ng #	66
65) n-Nitrosodiphenylamine	10.26	169	454917	38.31	ng	99
66) 4-Bromophenyl-phenylether	10.63	248	154933	40.35	ng	97
67) Hexachlorobenzene	10.69	284	144246	36.16	ng	98
68) Atrazine	10.80	200	128577	35.75	ng	92
69) Pentachlorophenol	10.89	266	88280	41.98	ng	97
70) Phenanthrene	11.10	178	733883	39.08	ng	99
71) Anthracene	11.15	178	808419	42.67	ng	99
72) Carbazole	11.31	167	747048	42.14	ng	100
73) Di-n-butylphthalate	11.65	149	881089	39.26	ng	100
74) Fluoranthene	12.27	202	729923	36.83	ng	99
76) Benzidine	12.41	184	227355	31.78	ng	98
77) Pyrene	12.50	202	765650	39.94	ng	99
79) Butylbenzylphthalate	13.13	149	402009	47.43	ng	97
80) Benzo(a)anthracene	13.69	228	538073	36.55	ng	100
81) 3,3'-Dichlorobenzidine	13.66	252	169135	42.72	ng #	98
82) Chrysene	13.73	228	604983	43.68	ng	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	442539	42.89	ng #	100
84) Di-n-octyl phthalate	14.30	149	796787	47.52	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.29	276	494784	38.45	ng #	100
87) Benzo(b)fluoranthene	14.69	252	973271	67.78	ng #	97
88) Benzo(k)fluoranthene	14.69	252	973724	89.89	ng	98
89) Benzo(a)pyrene	14.99	252	452183	38.92	ng	99
90) Dibenzo(a,h)anthracene	16.29	278	409829	37.98	ng	98
91) Benzo(g,h,i)perylene	16.65	276	439973	39.64	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

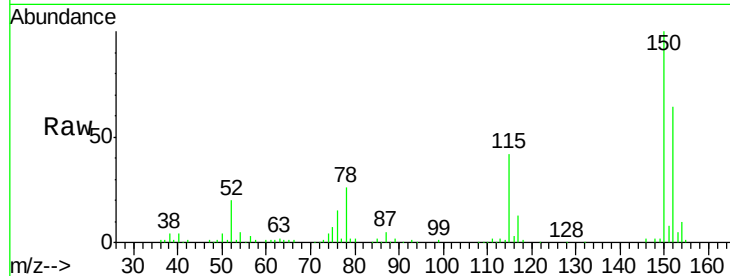
Tgt Ion:152 Resp: 99455

Ion Ratio Lower Upper

152 100

150 156.1 123.8 185.6

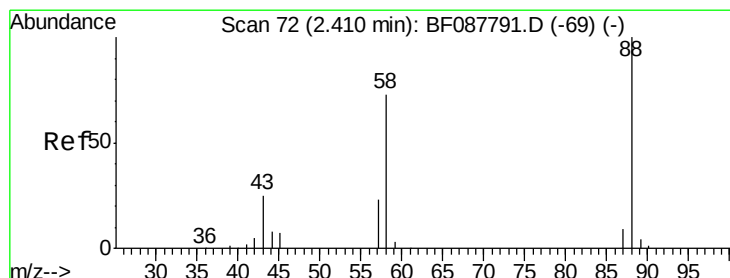
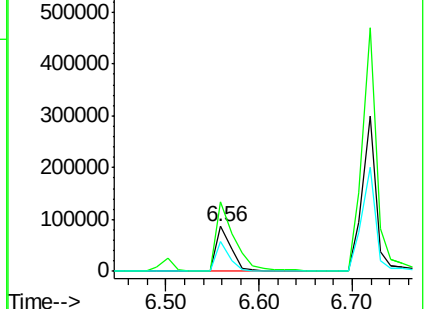
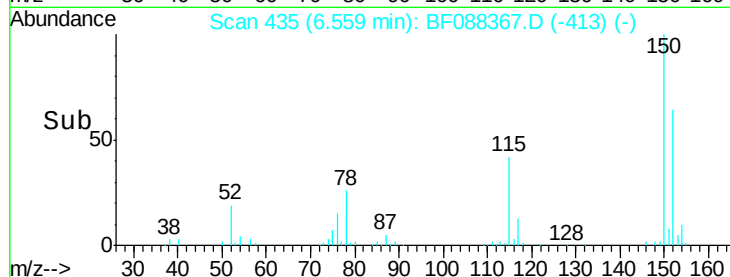
115 65.6 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.31 ng

RT: 1.95 min Scan# 32

Delta R.T. -0.07 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

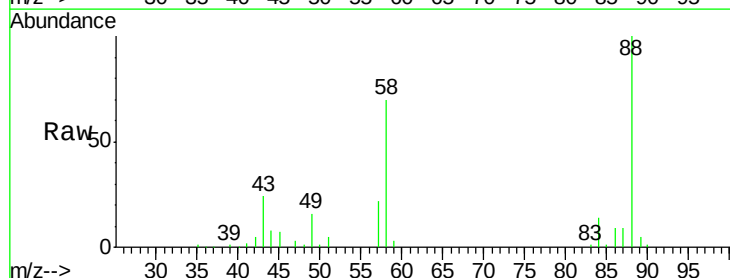
Tgt Ion: 88 Resp: 113958

Ion Ratio Lower Upper

88 100

58 63.7 0.0 0.0#

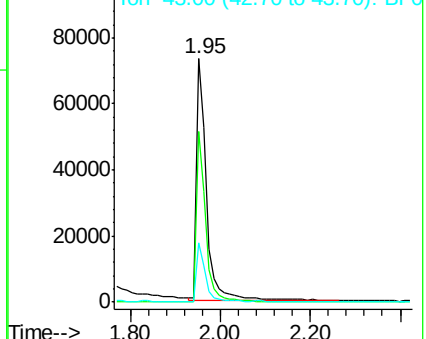
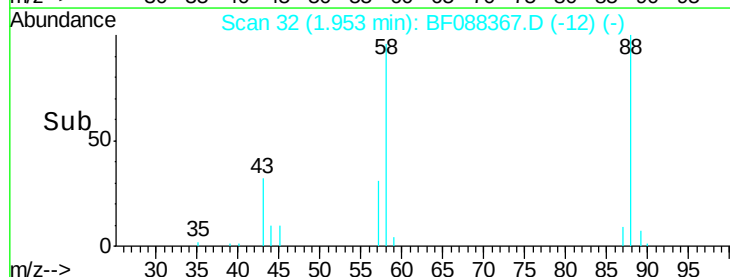
43 22.1 3.4 5.2#

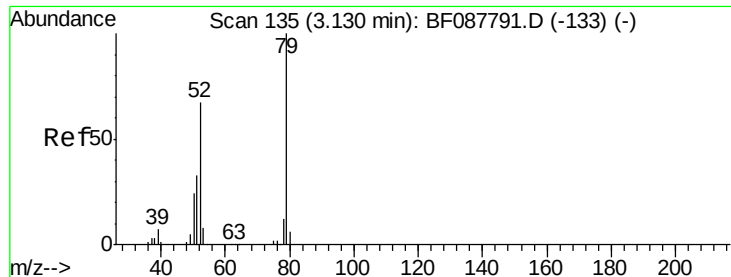


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.19 ng

RT: 2.59 min Scan# 88

Delta R.T. -0.08 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

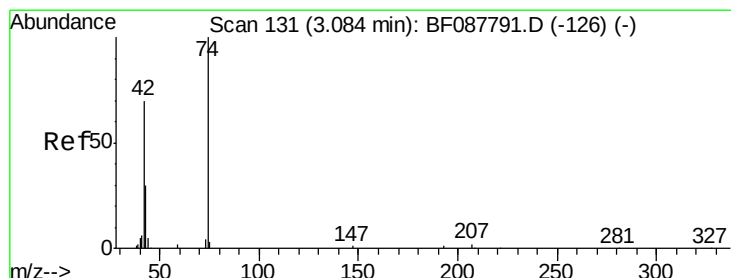
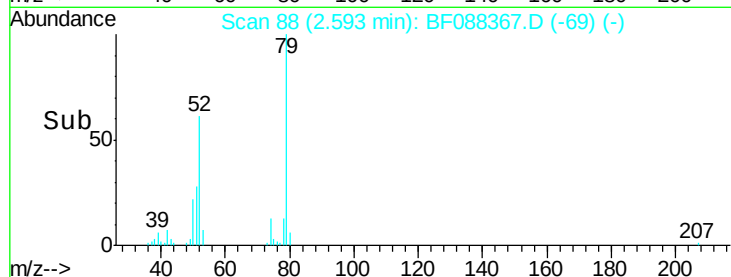
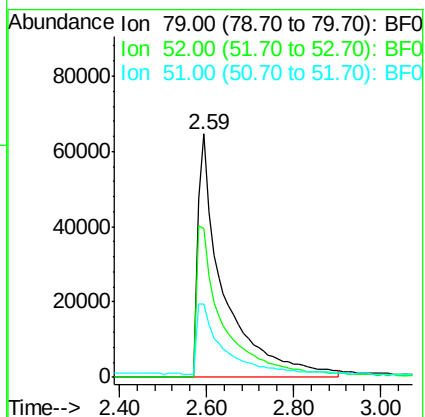
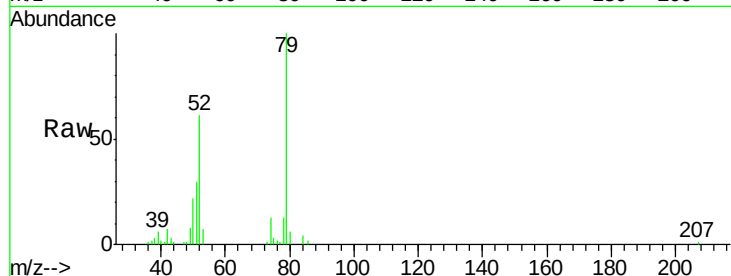
Tgt Ion: 79 Resp: 261604

Ion Ratio Lower Upper

79 100

52 61.2 56.3 84.5

51 29.9 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 32.82 ng

RT: 2.56 min Scan# 85

Delta R.T. -0.07 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

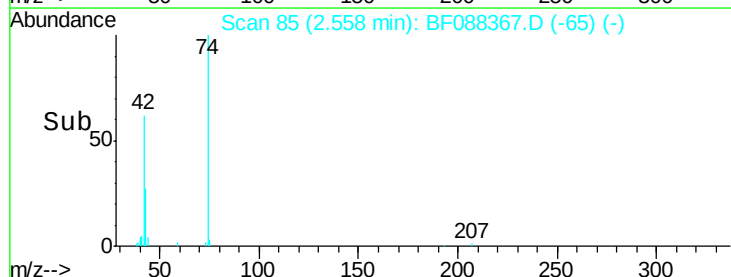
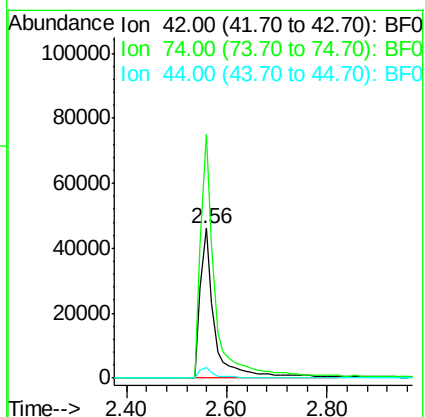
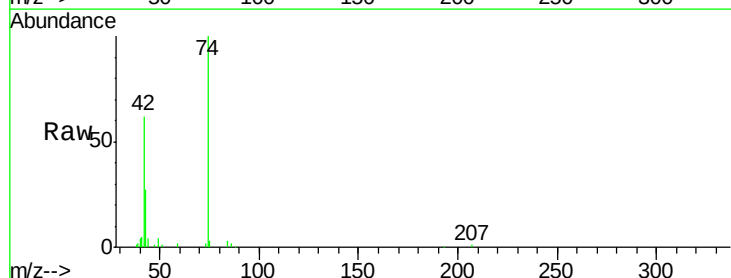
Tgt Ion: 42 Resp: 92768

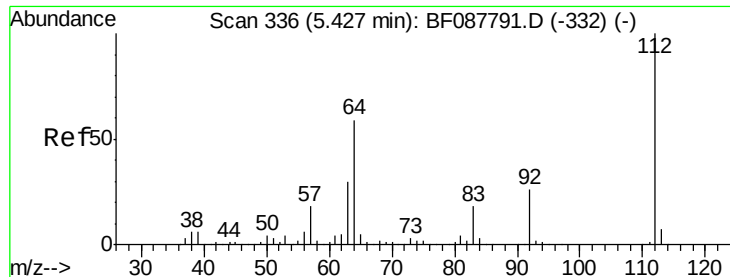
Ion Ratio Lower Upper

42 100

74 162.5 108.6 163.0

44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 76.95 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.03 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

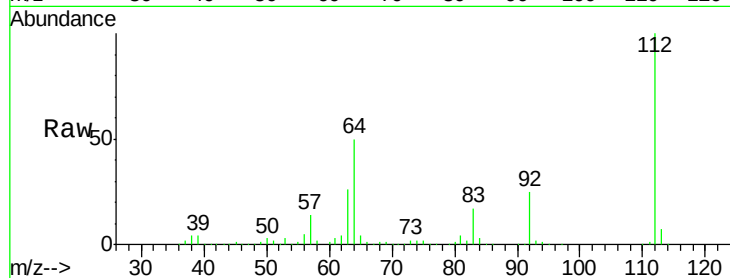
Tgt Ion: 112 Resp: 447678

Ion Ratio Lower Upper

112 100

64 50.1 42.2 63.2

63 25.5 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

400000

300000

200000

100000

0

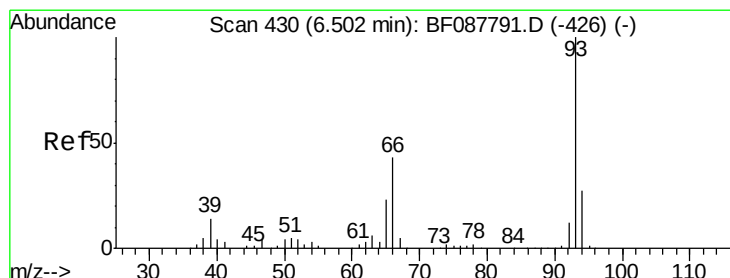
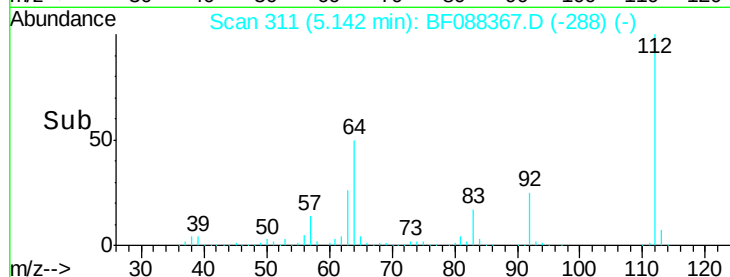
5.14

5.00

5.20

5.40

Time-->



#6

Aniline

Concen: 32.91 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

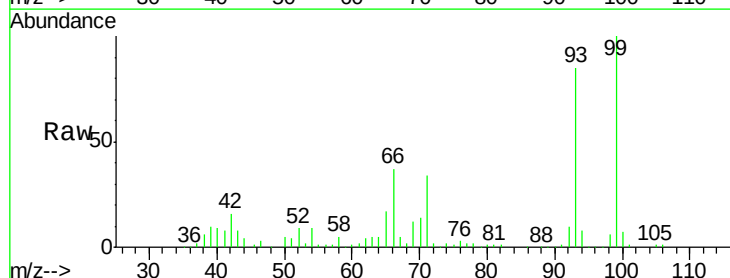
Tgt Ion: 93 Resp: 330246

Ion Ratio Lower Upper

93 100

66 43.0 29.8 44.8

65 19.6 14.9 22.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

250000

200000

150000

100000

50000

0

6.23

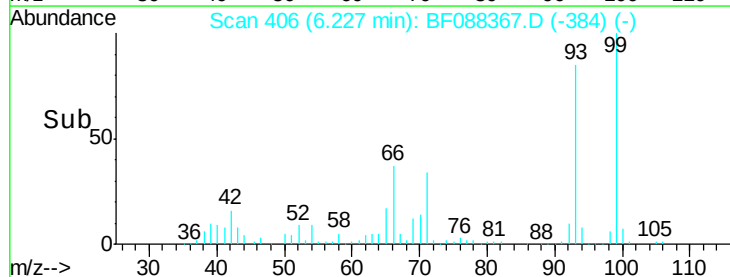
6.15

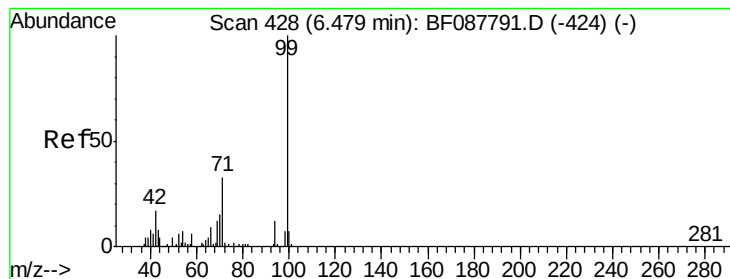
6.20

6.25

6.30

Time-->





#7

Phenol-d6

Concen: 74.12 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

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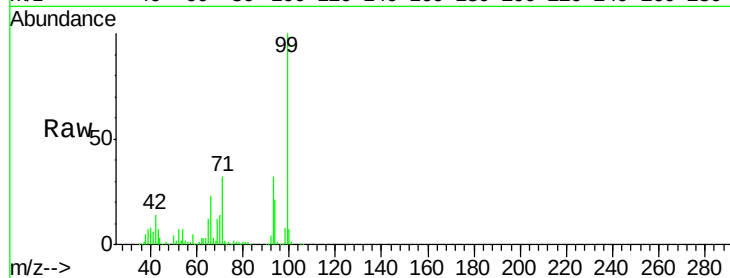
Tgt Ion: 99 Resp: 522576

Ion Ratio Lower Upper

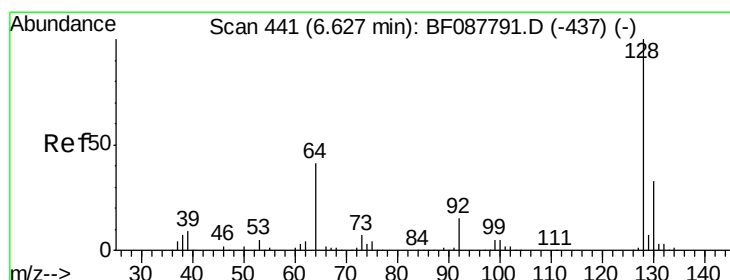
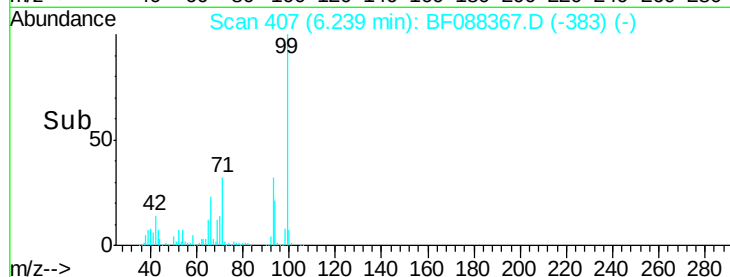
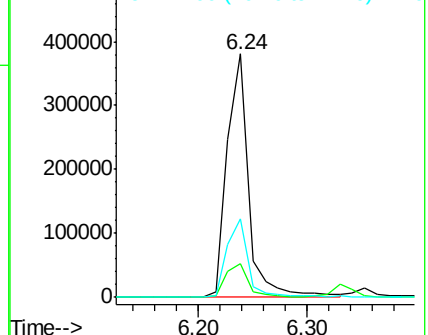
99 100

42 14.0 12.2 18.2

71 32.3 23.4 35.0



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



#8

2-Chlorophenol

Concen: 40.29 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

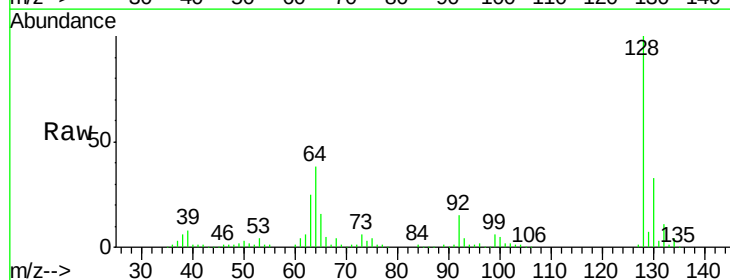
Tgt Ion: 128 Resp: 277425

Ion Ratio Lower Upper

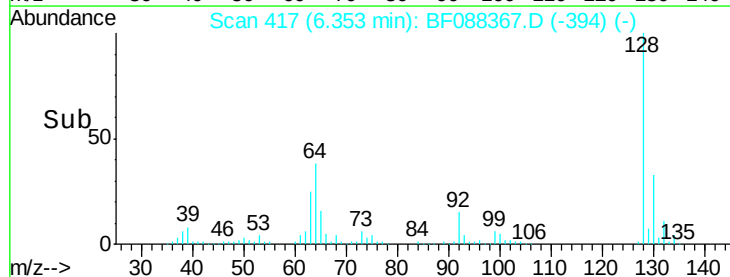
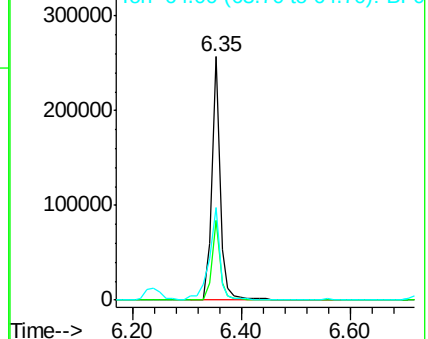
128 100

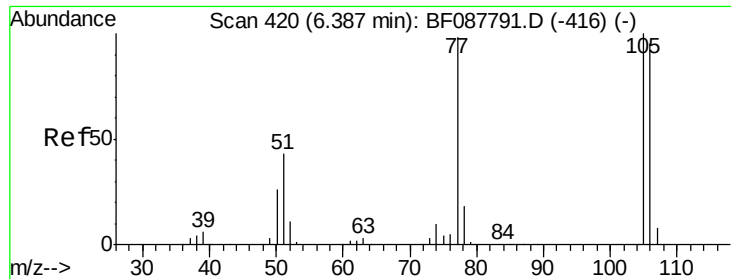
130 32.5 12.0 52.0

64 38.1 30.8 70.8



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





#9

Benzaldehyde

Concen: 38.19 ng

RT: 6.11 min Scan# 396

Delta R.T. -0.03 min

Lab File: BF088367.D

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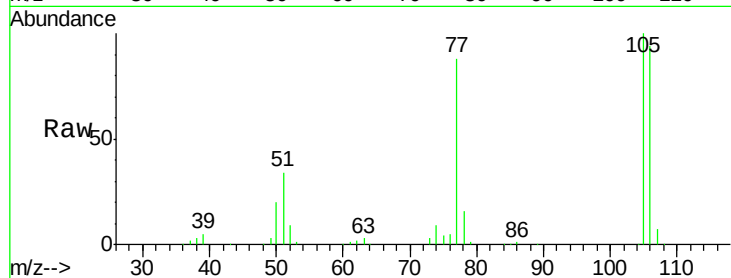
Tgt Ion: 77 Resp: 169329

Ion Ratio Lower Upper

77 100

105 113.0 90.6 130.6

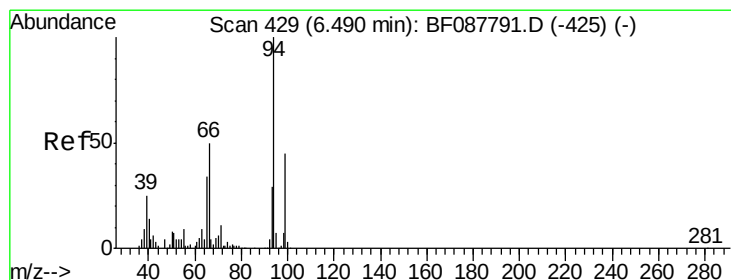
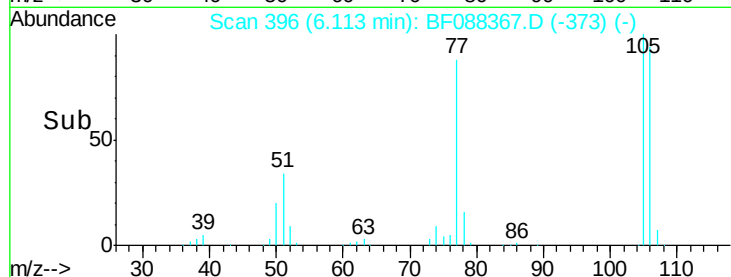
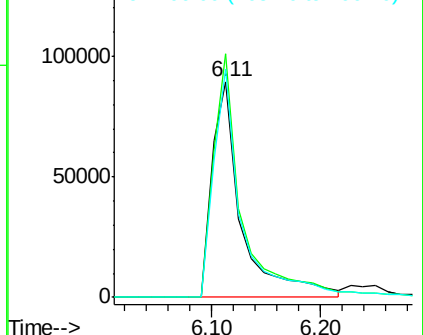
106 106.0 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 48.15 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

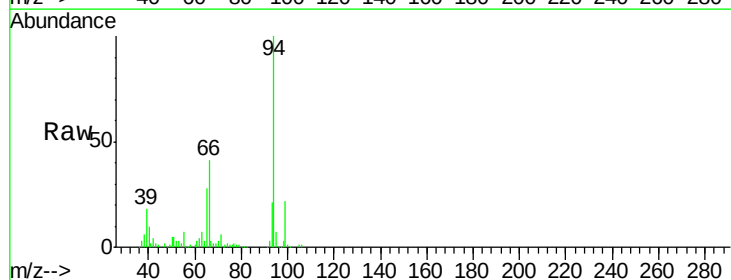
Tgt Ion: 94 Resp: 349226

Ion Ratio Lower Upper

94 100

65 28.0 5.9 45.9

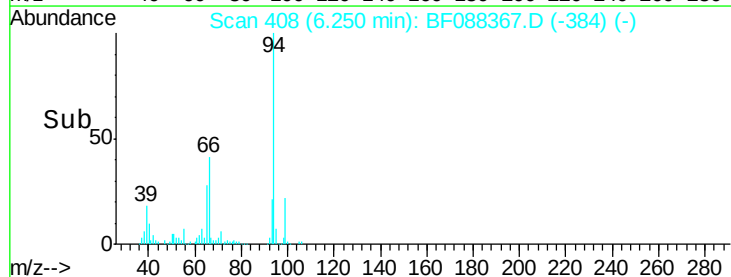
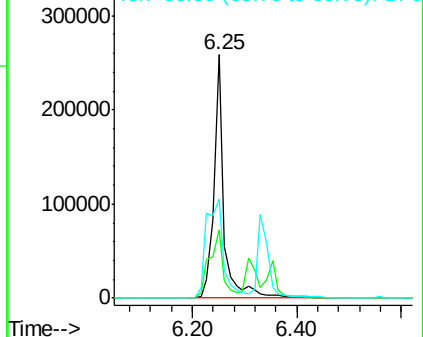
66 40.7 14.0 54.0

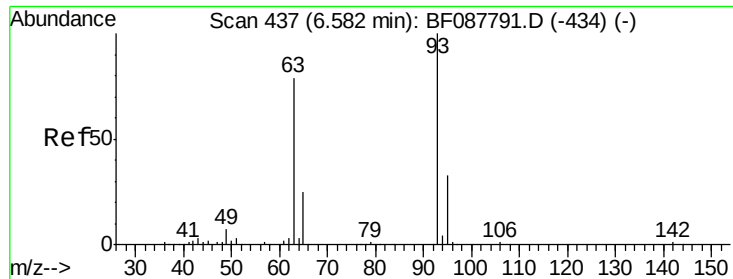


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

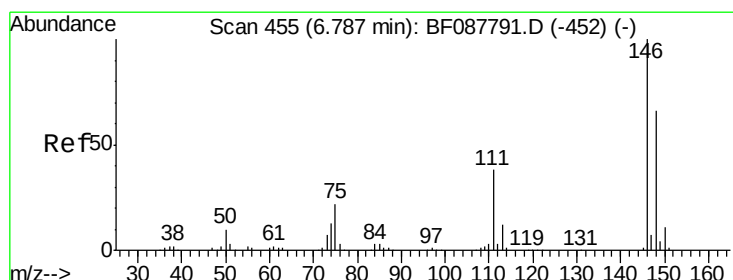
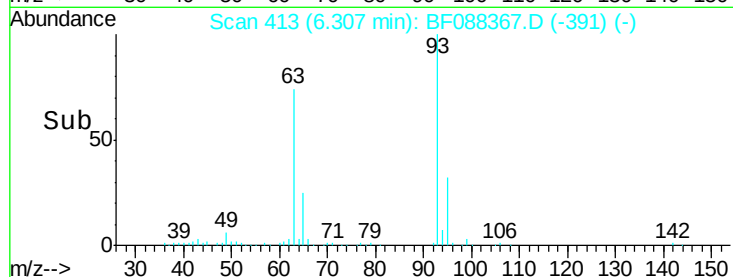
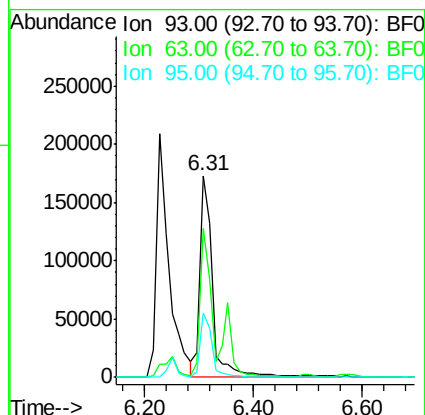
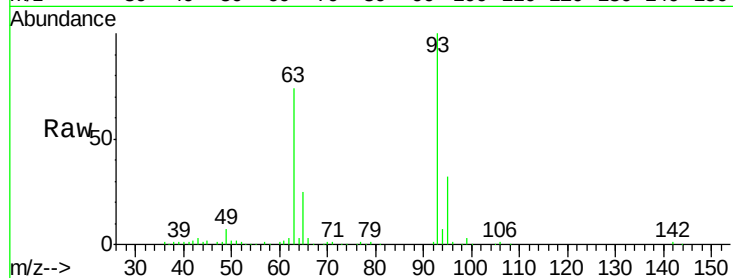




#11
bis(2-Chloroethyl)ether
Concen: 43.68 ng
RT: 6.31 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF088367.D
Acq: 25 Jun 2016 10:29

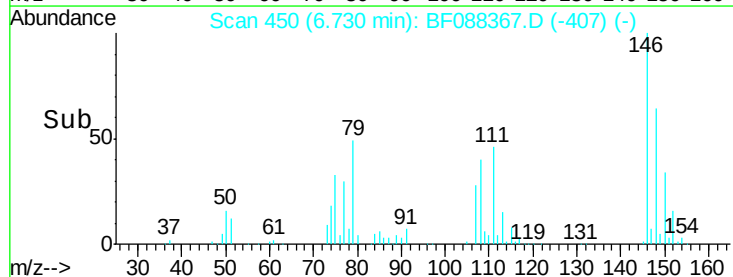
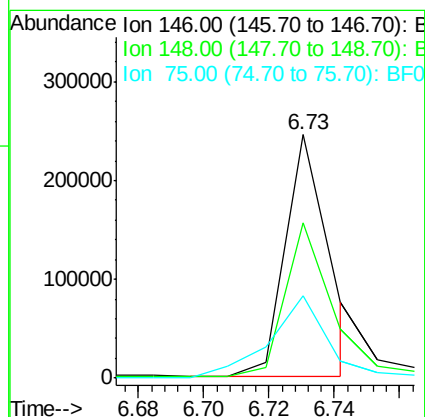
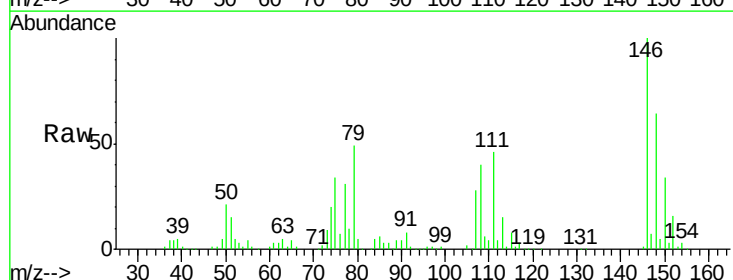
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

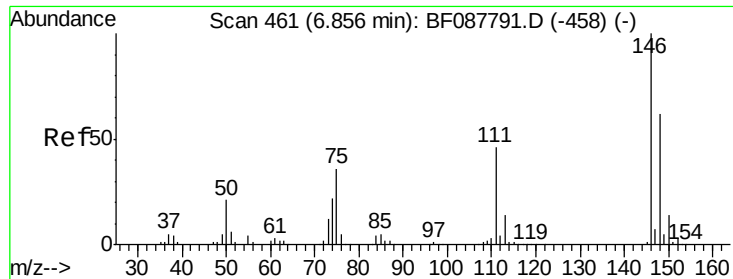
Tgt Ion: 93 Resp: 270026
Ion Ratio Lower Upper
93 100
63 73.6 67.6 107.6
95 31.7 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 30.78 ng
RT: 6.73 min Scan# 450
Delta R.T. 0.19 min
Lab File: BF088367.D
Acq: 25 Jun 2016 10:29

Tgt Ion: 146 Resp: 227436
Ion Ratio Lower Upper
146 100
148 63.5 50.9 76.3
75 33.6 25.6 38.4

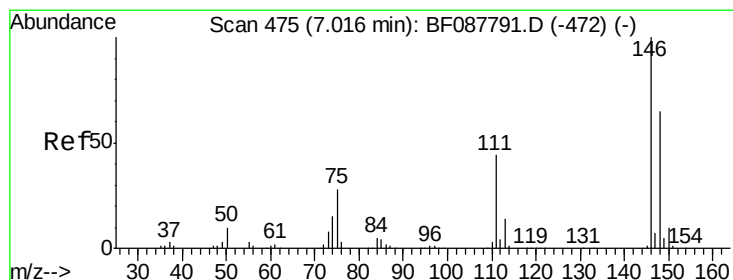
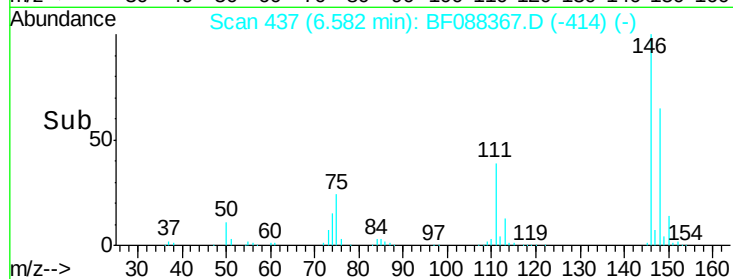
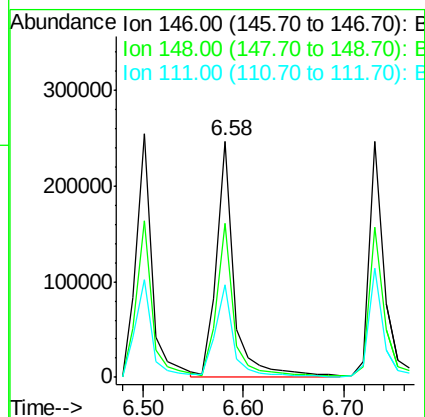
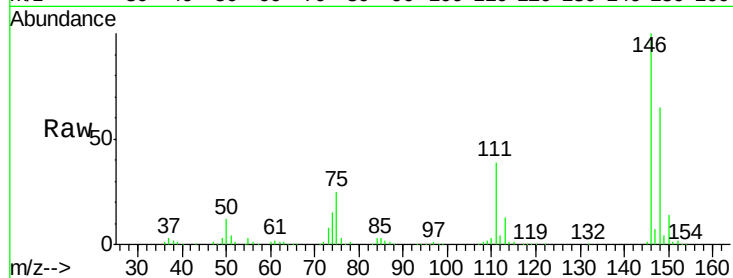




#13
 1,4-Dichlorobenzene
 Concen: 40.49 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.03 min
 Lab File: BF088367.D
 Acq: 25 Jun 2016 10:29

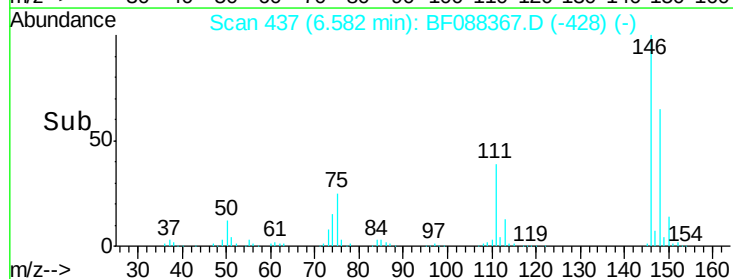
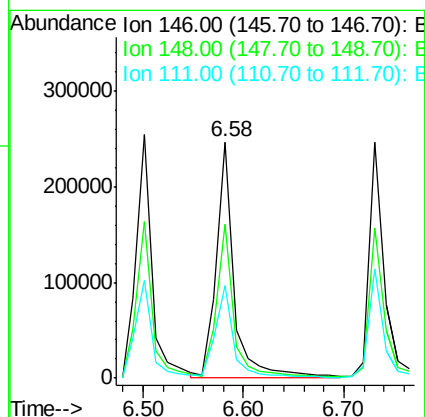
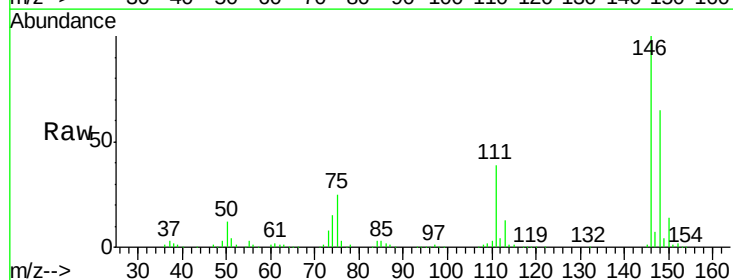
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

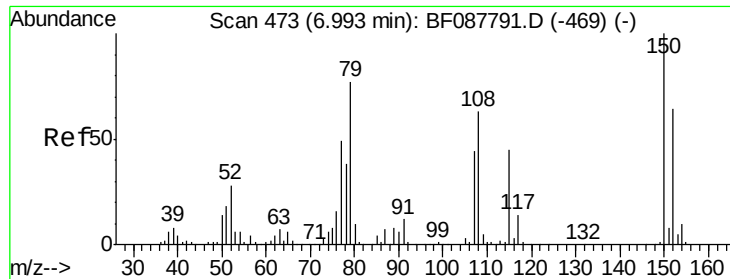
Tgt Ion:146 Resp: 301323
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.0 78.0
 111 39.2 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 45.15 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.19 min
 Lab File: BF088367.D
 Acq: 25 Jun 2016 10:29

Tgt Ion:146 Resp: 305620
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.3 78.5
 111 39.2 28.7 43.1





#15

Benzyl Alcohol

Concen: 35.71 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.03 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

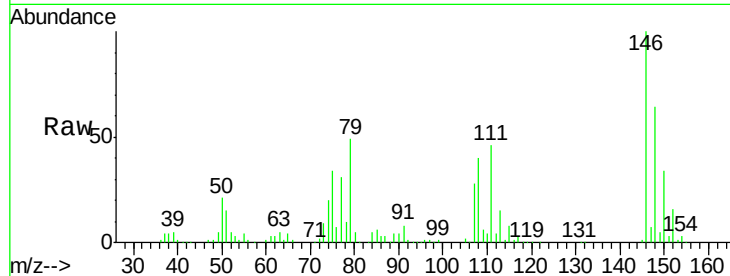
Tgt Ion: 79 Resp: 196976

Ion Ratio Lower Upper

79 100

108 81.5 65.0 97.6

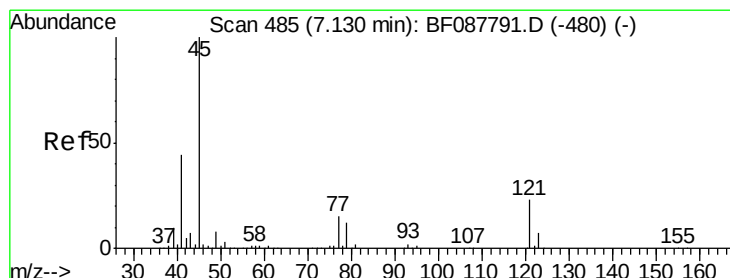
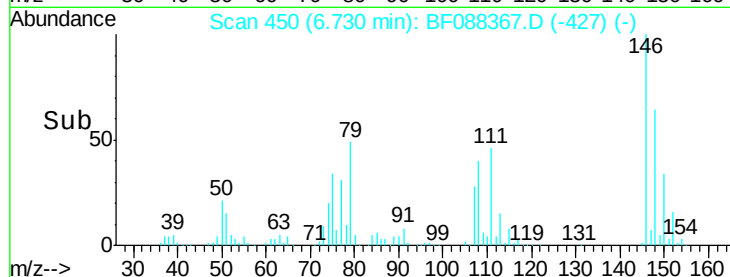
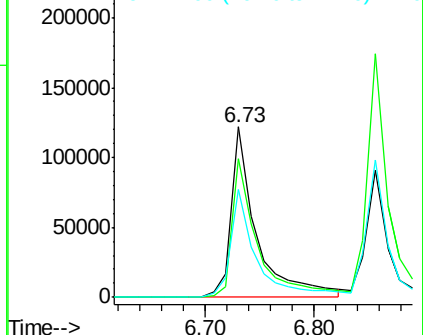
77 63.2 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.04 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.05 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

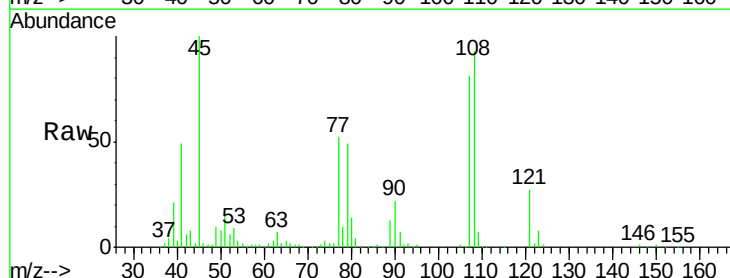
Tgt Ion: 45 Resp: 250924

Ion Ratio Lower Upper

45 100

77 52.3 0.0 32.5#

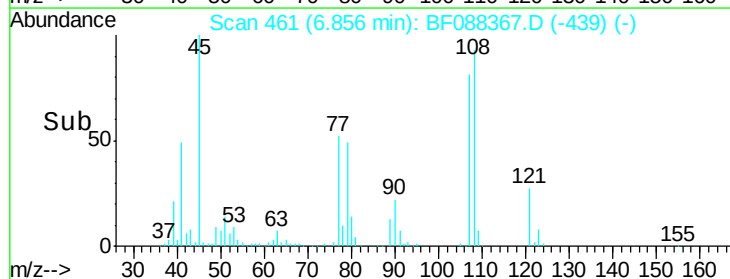
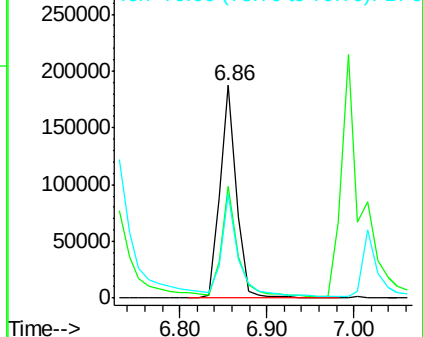
79 48.6 0.0 29.5#

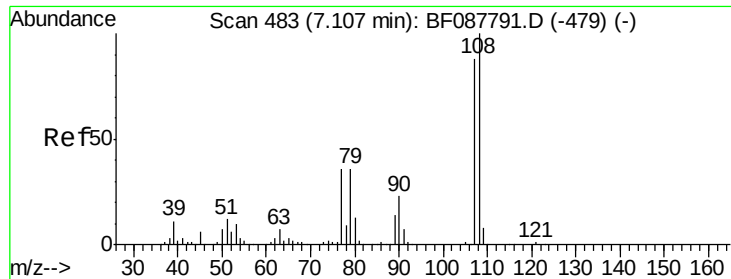


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 35.95 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.03 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 200739

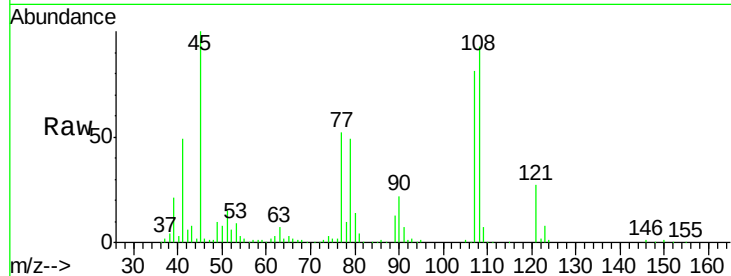
Ion Ratio Lower Upper

107 100

108 114.4 90.9 136.3

77 64.3 36.6 55.0#

79 59.8 36.5 54.7#

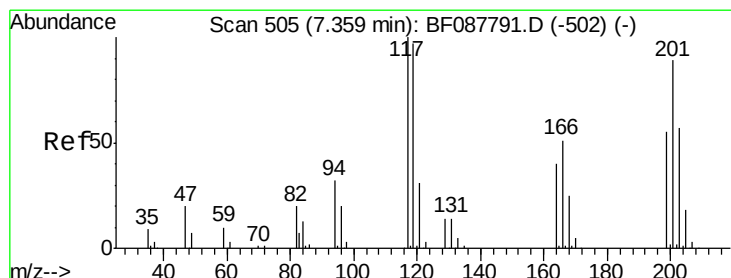
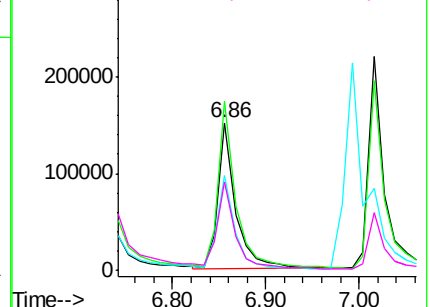
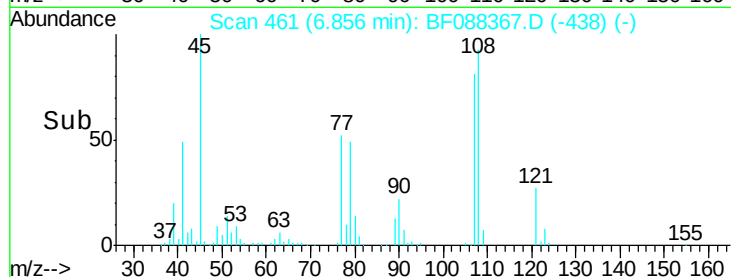


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.27 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

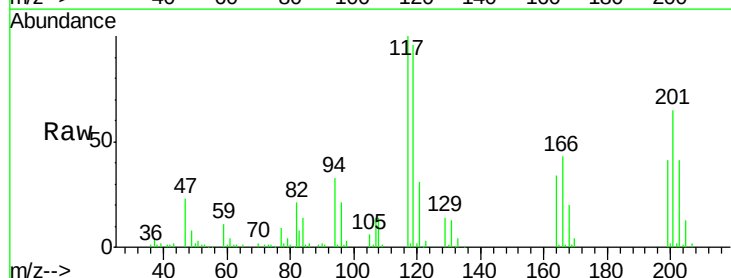
Tgt Ion:117 Resp: 103709

Ion Ratio Lower Upper

117 100

119 96.1 77.4 116.2

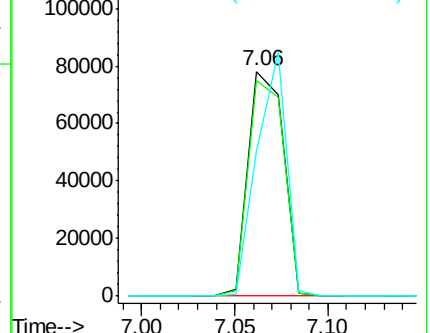
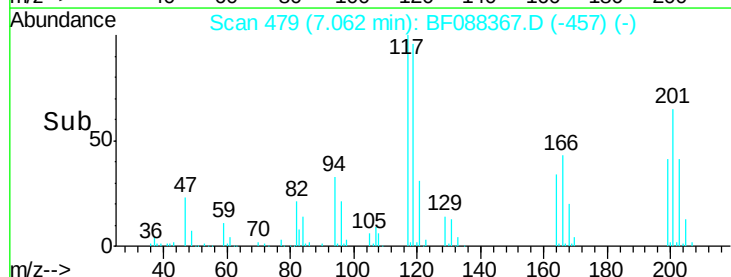
201 64.9 80.4 120.6#

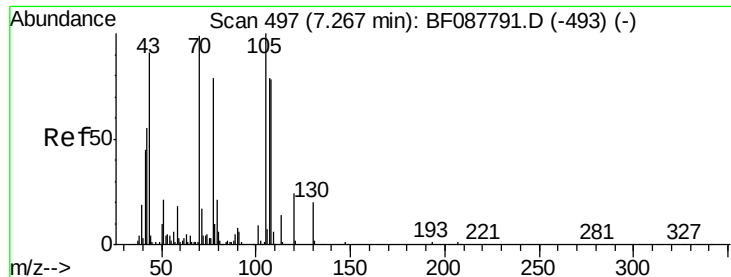


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

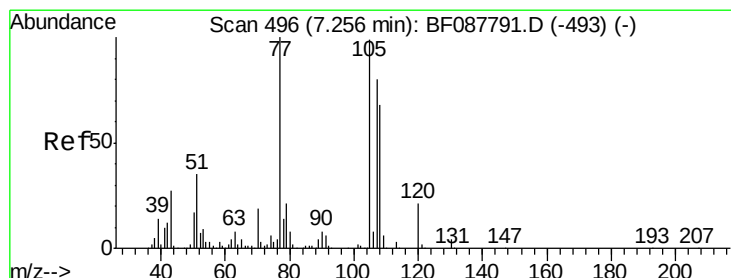
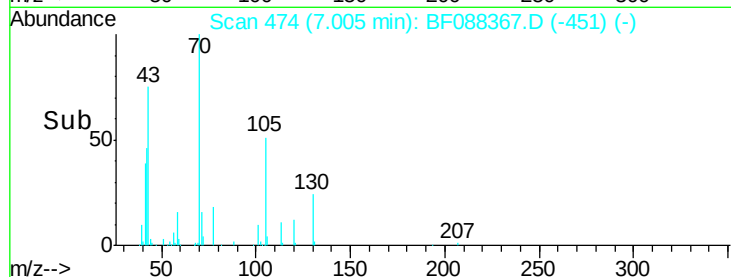
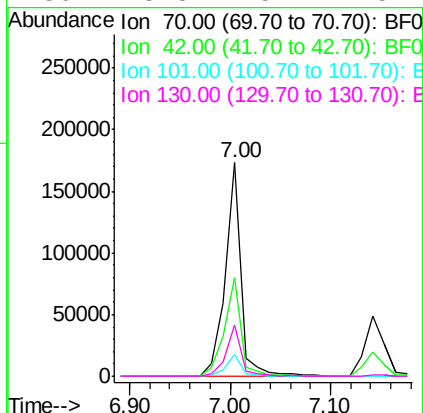
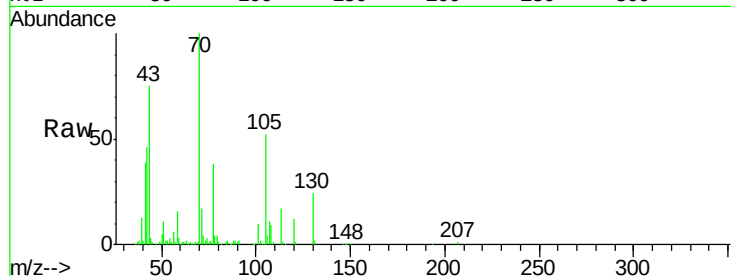




#19
n-Nitroso-di-n-propylamine
Concen: 41.87 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF088367.D
Acq: 25 Jun 2016 10:29

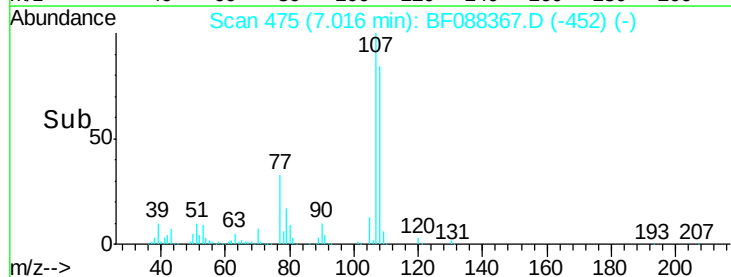
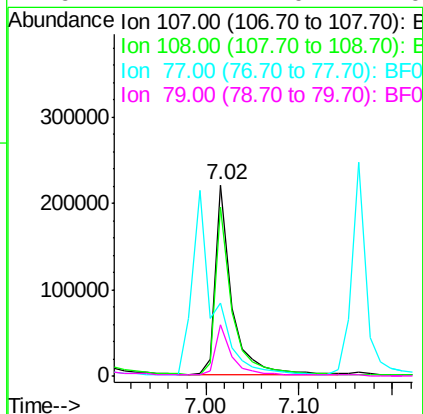
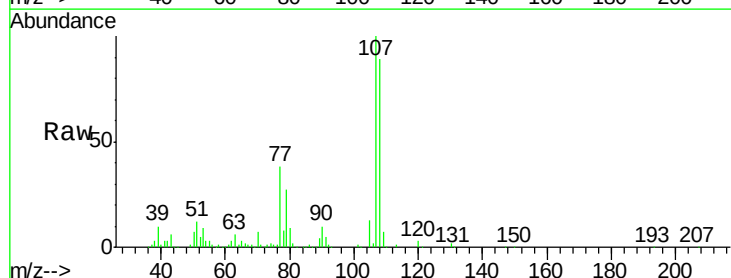
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

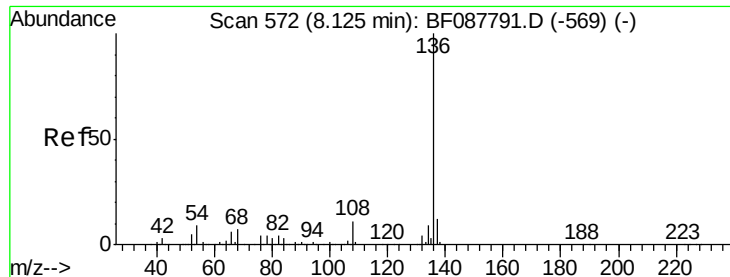
Tgt Ion:	70	Resp:	188864
Ion	Ratio	Lower	Upper
70	100		
42	46.3	49.6	74.4#
101	10.0	7.1	10.7
130	23.8	15.4	23.2#



#20
3+4-Methylphenols
Concen: 40.08 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.03 min
Lab File: BF088367.D
Acq: 25 Jun 2016 10:29

Tgt Ion:	107	Resp:	261164
Ion	Ratio	Lower	Upper
107	100		
108	88.6	67.8	107.8
77	38.3	59.3	99.3#
79	27.2	7.0	47.0

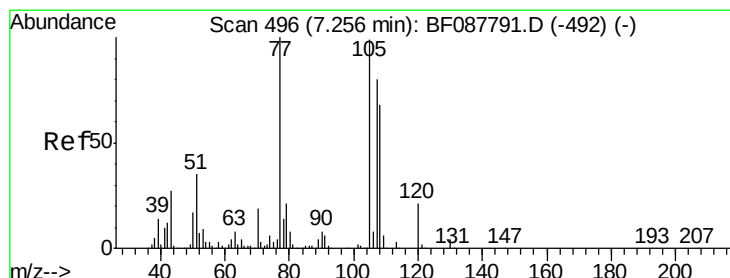
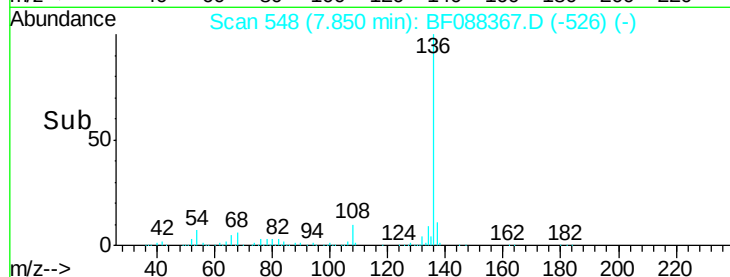
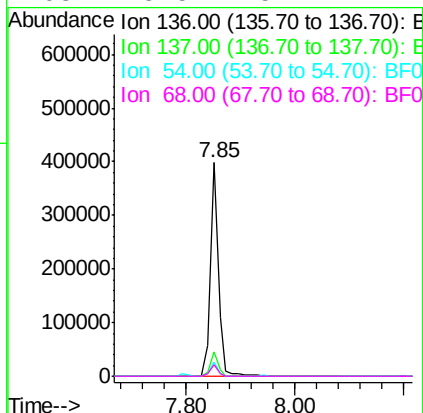
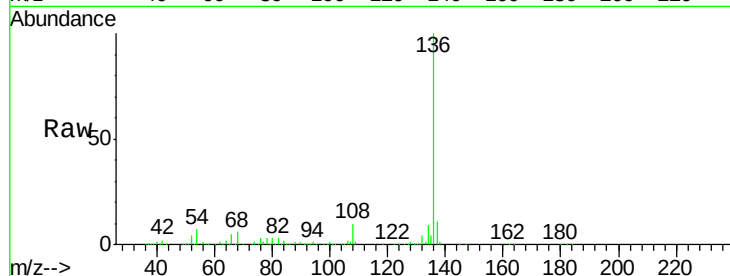




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF088367.D
Acq: 25 Jun 2016 10:29

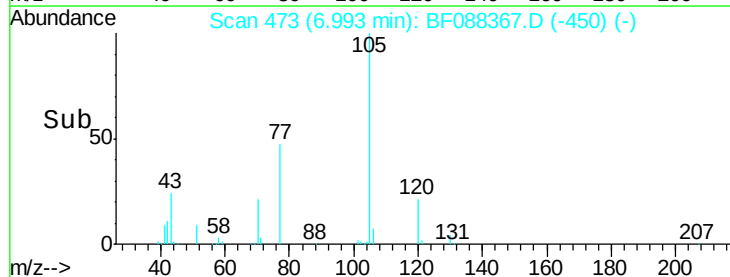
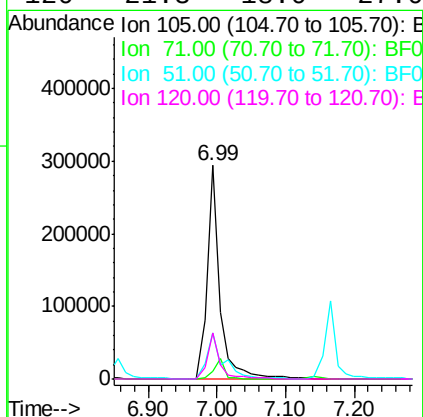
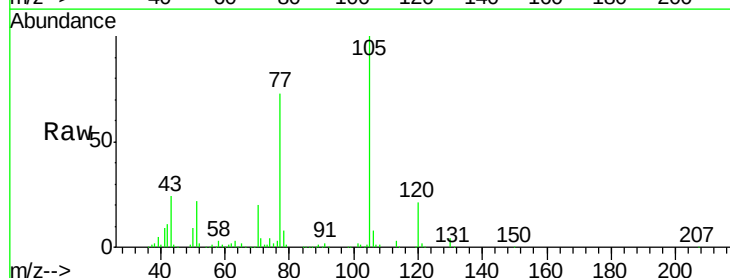
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

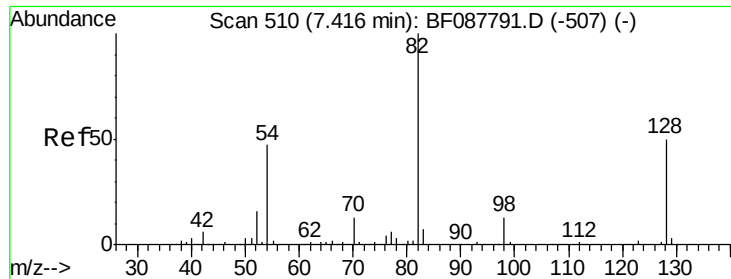
Tgt Ion:	136	Resp:	412802
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.5	6.6	10.0#
68	5.5	5.1	7.7



#22
Acetophenone
Concen: 41.12 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.03 min
Lab File: BF088367.D
Acq: 25 Jun 2016 10:29

Tgt Ion:	105	Resp:	379292
Ion	Ratio	Lower	Upper
105	100		
71	3.5	5.3	7.9#
51	21.7	18.2	27.4
120	21.3	18.0	27.0

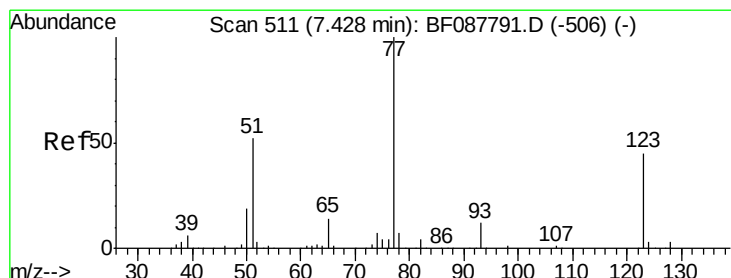
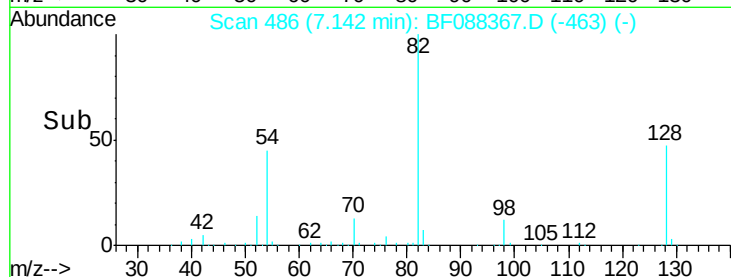
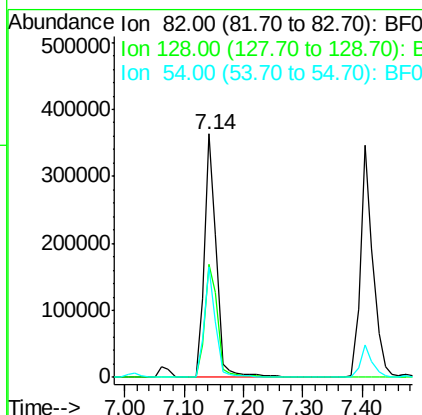
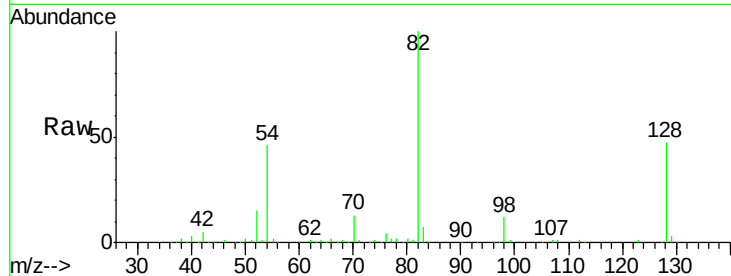




#23
 Nitrobenzene-d5
 Concen: 74.00 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: BF088367.D
 Acq: 25 Jun 2016 10:29

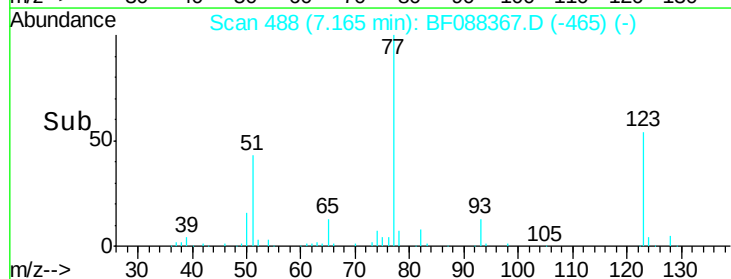
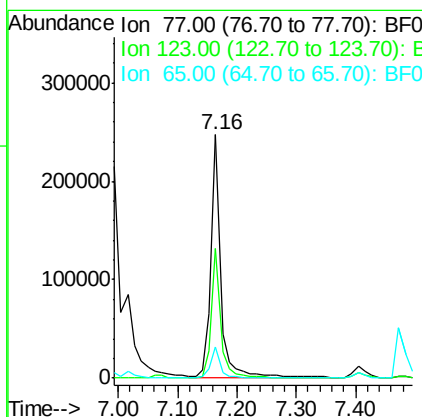
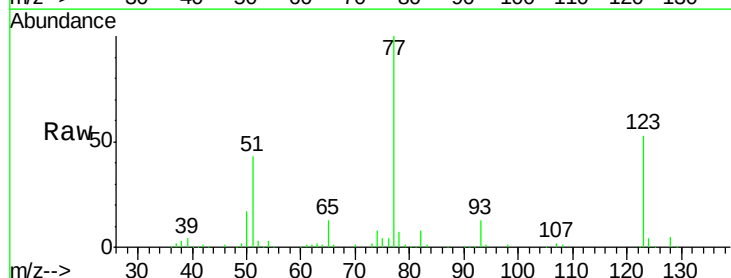
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

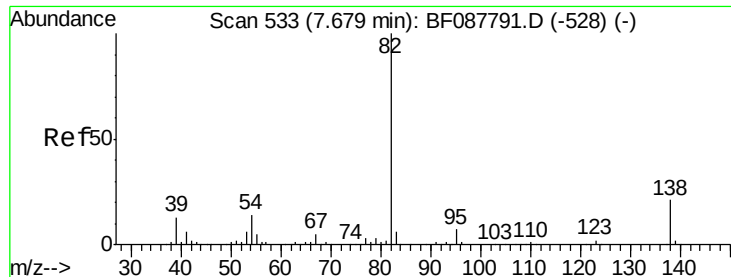
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.7	35.9	53.9
54	45.6	40.9	61.3



#24
 Nitrobenzene
 Concen: 40.76 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.03 min
 Lab File: BF088367.D
 Acq: 25 Jun 2016 10:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.2	45.0	67.4
65	13.0	10.2	15.2





#25

Isophorone

Concen: 38.70 ng

RT: 7.40 min Scan# 509

Delta R.T. -0.03 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

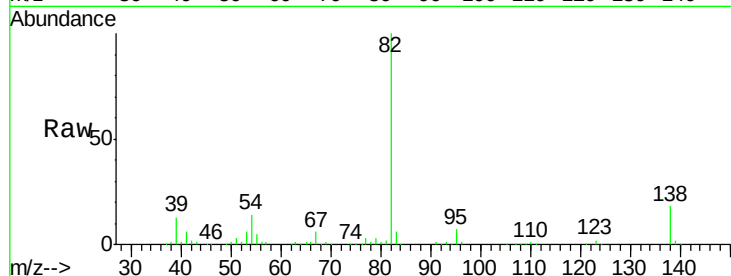
Tgt Ion: 82 Resp: 506709

Ion Ratio Lower Upper

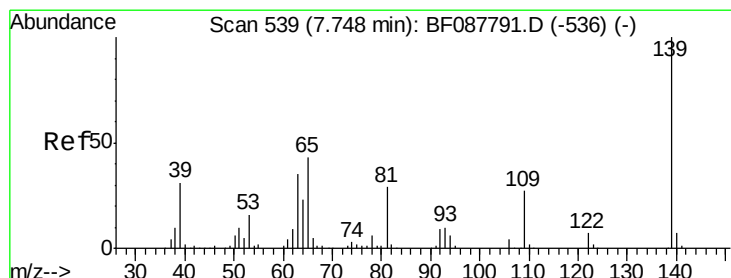
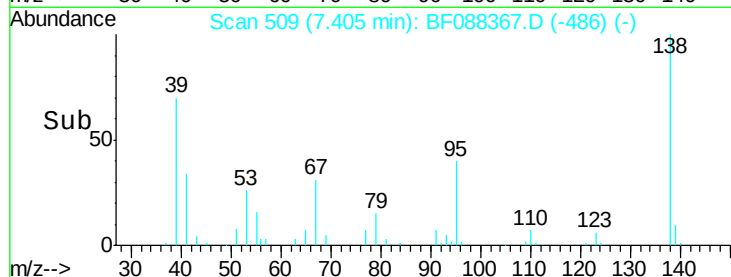
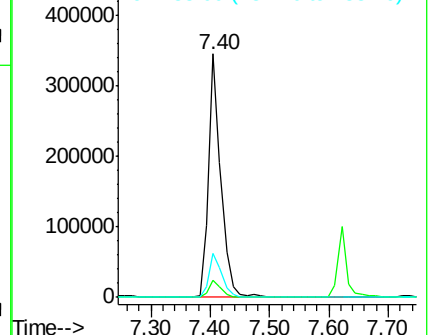
82 100

95 7.1 5.4 8.2

138 17.9 14.6 21.8



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



#26

2-Nitrophenol

Concen: 41.07 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.05 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

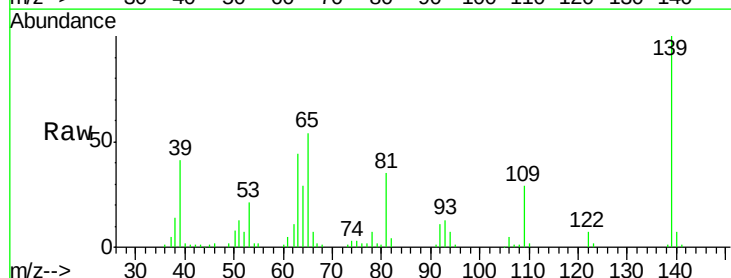
Tgt Ion: 139 Resp: 150638

Ion Ratio Lower Upper

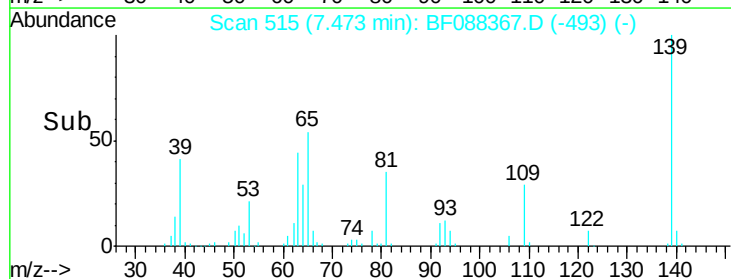
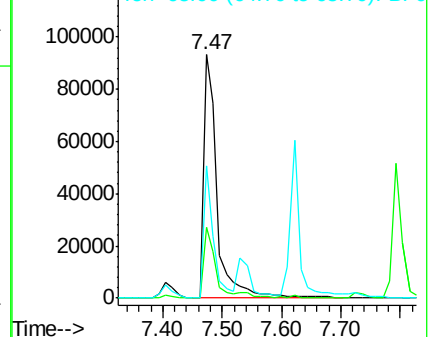
139 100

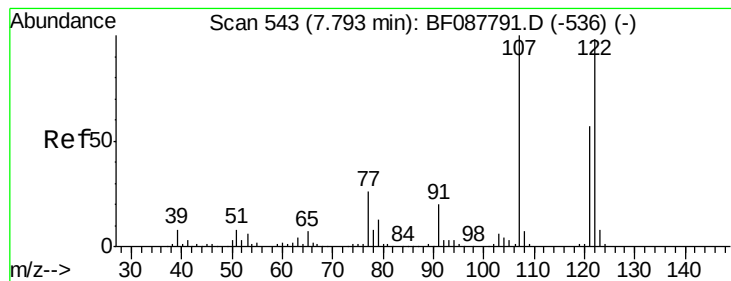
109 29.1 23.0 34.4

65 54.4 45.8 68.8



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





#27

2,4-Dimethylphenol

Concen: 34.38 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.03 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

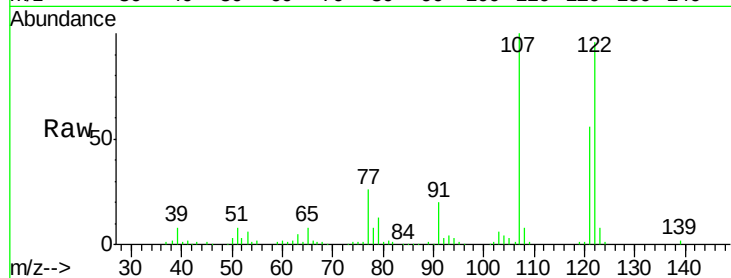
Tgt Ion:122 Resp: 232181

Ion Ratio Lower Upper

122 100

107 103.7 82.4 123.6

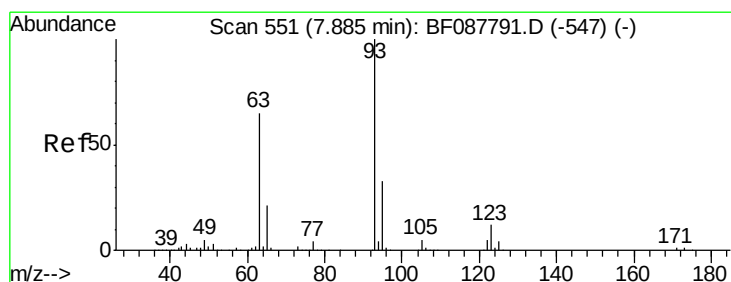
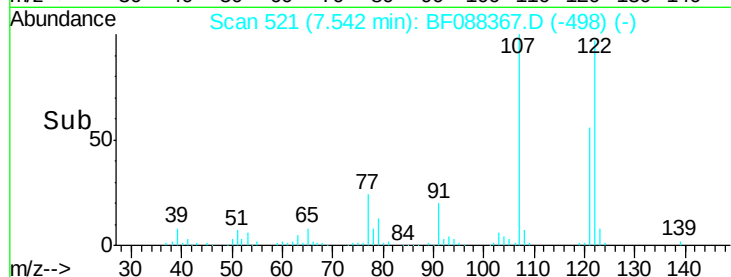
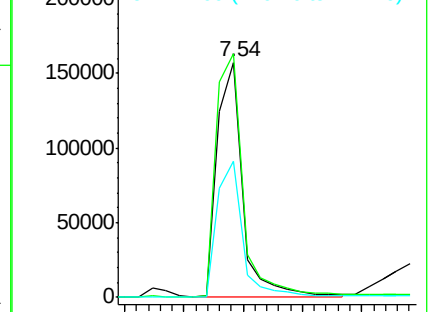
121 57.8 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.71 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.03 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

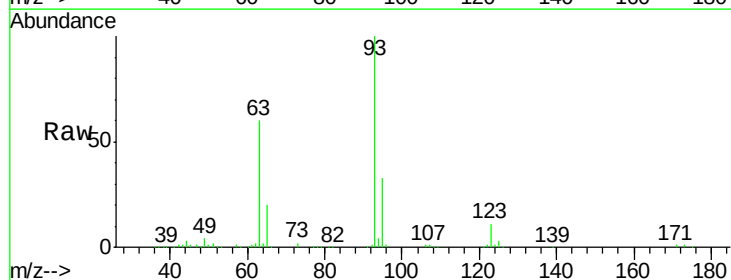
Tgt Ion: 93 Resp: 330613

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

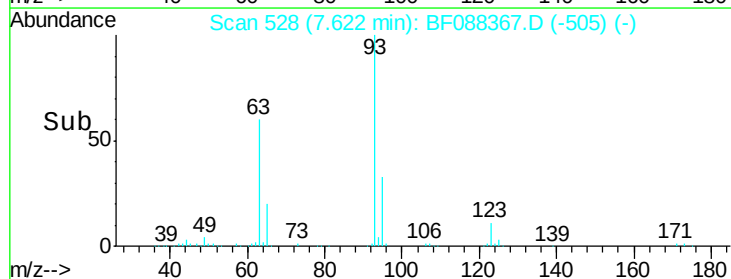
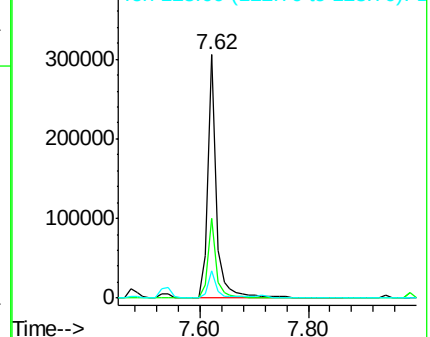
123 11.1 11.6 17.4#

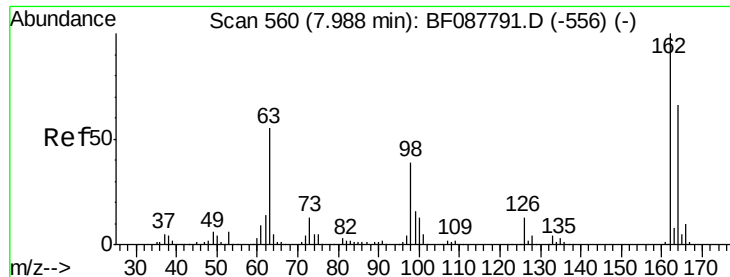


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

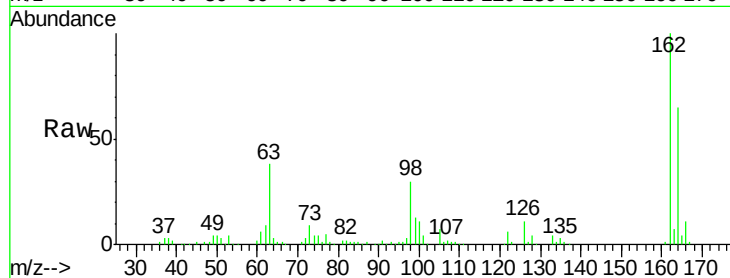




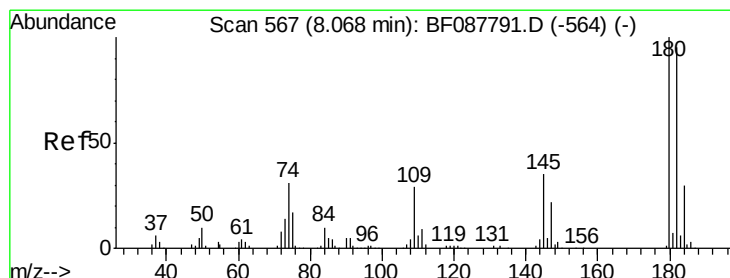
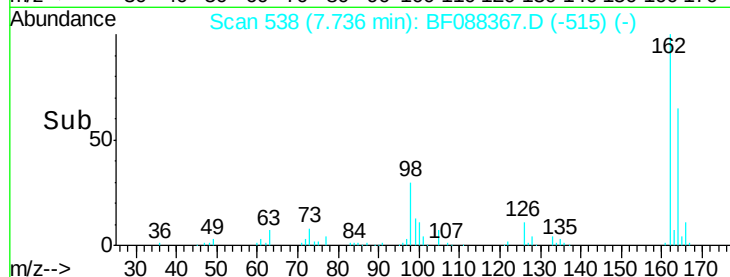
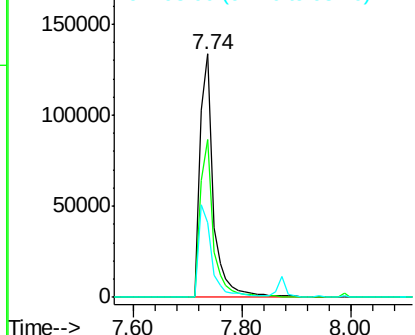
#29
 2,4-Dichlorophenol
 Concen: 40.18 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.03 min
 Lab File: BF088367.D
 Acq: 25 Jun 2016 10:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.8	83.8
98	30.5	21.3	61.3

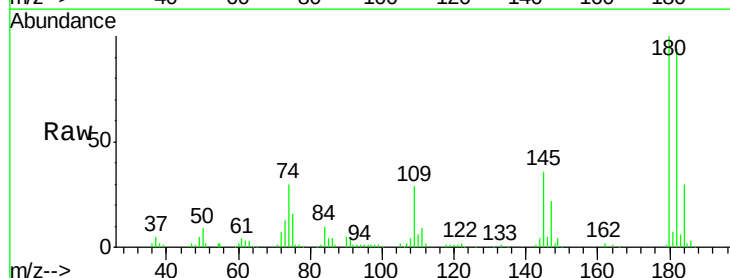


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

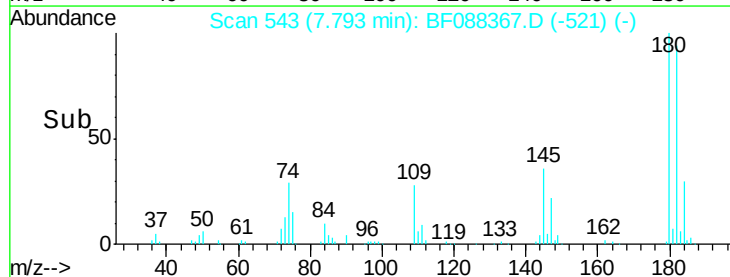
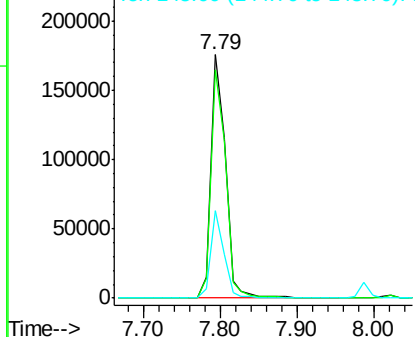


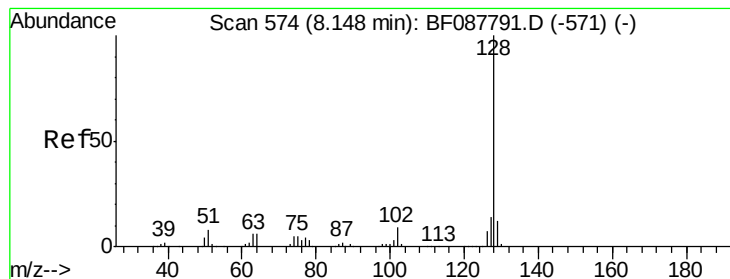
#30
 1,2,4-Trichlorobenzene
 Concen: 37.26 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.05 min
 Lab File: BF088367.D
 Acq: 25 Jun 2016 10:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.0	114.0
145	36.1	26.5	39.7



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





#31

Naphthalene

Concen: 37.71 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.05 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

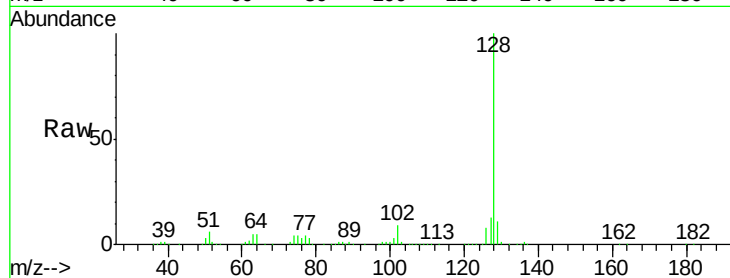
Tgt Ion:128 Resp: 770323

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

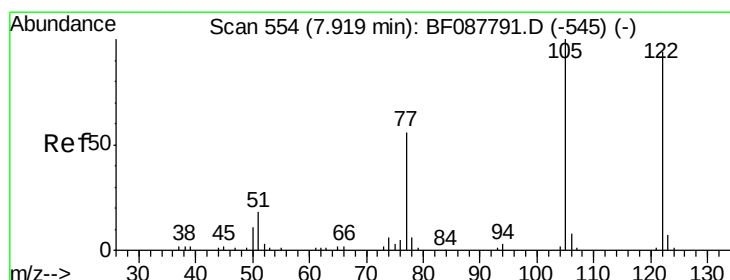
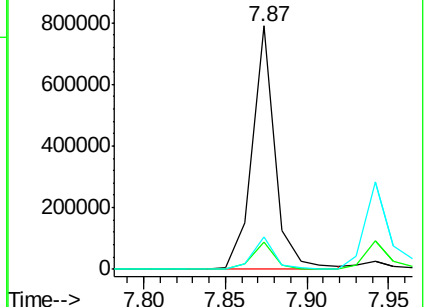
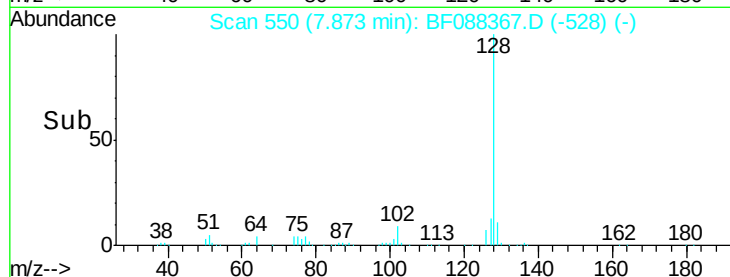
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.76 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.01 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

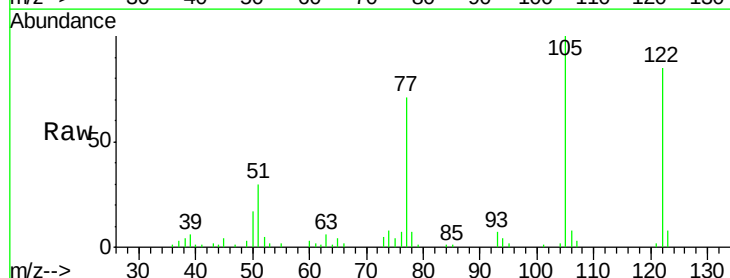
Tgt Ion:122 Resp: 110673

Ion Ratio Lower Upper

122 100

105 117.4 101.6 141.6

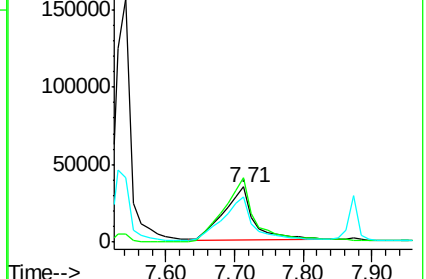
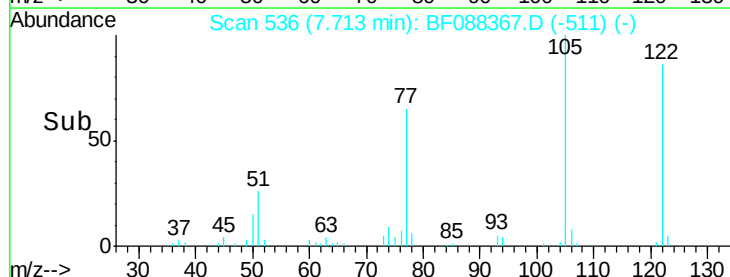
77 83.0 70.6 110.6

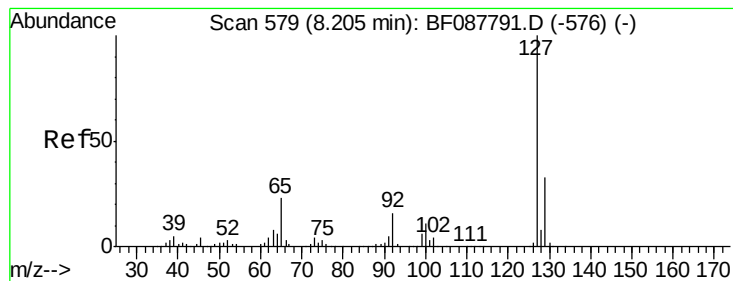


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 37.82 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.03 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 344986

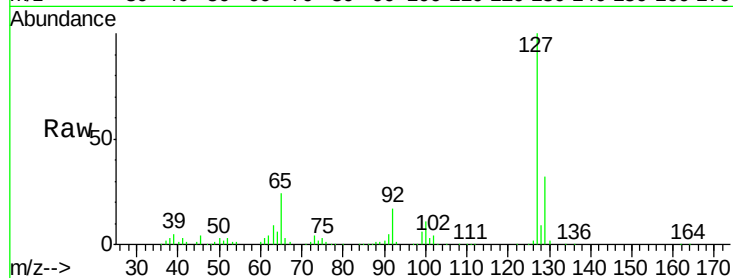
Ion Ratio Lower Upper

127 100

129 32.5 26.3 39.5

65 23.7 24.7 37.1#

92 16.8 15.4 23.0

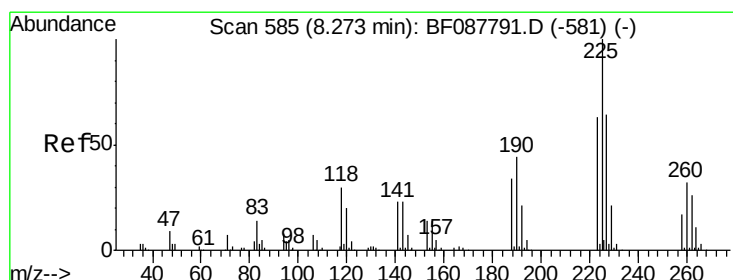
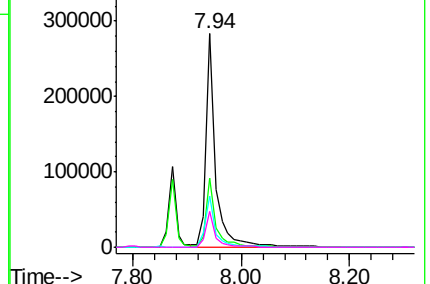
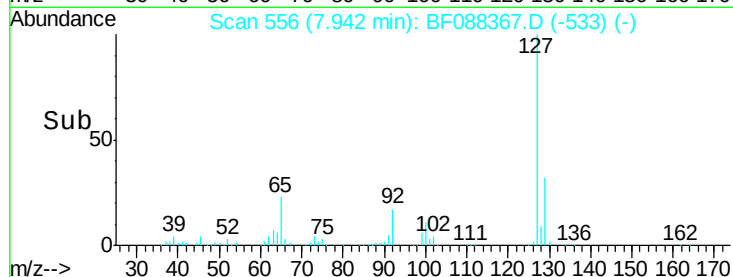


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 35.80 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.05 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

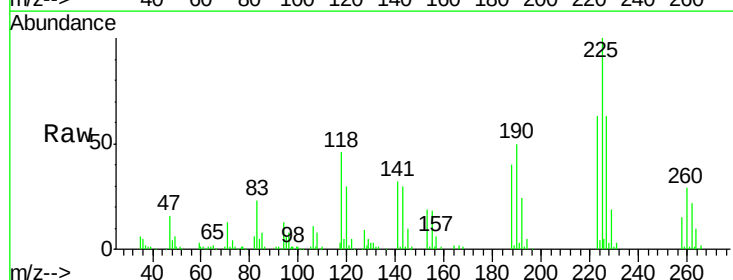
Tgt Ion:225 Resp: 115914

Ion Ratio Lower Upper

225 100

223 63.4 50.9 76.3

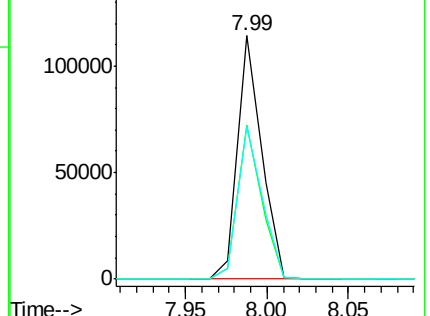
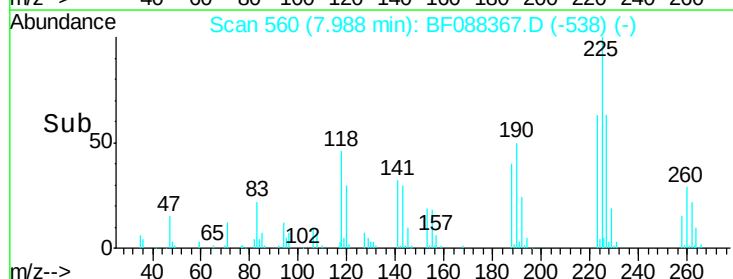
227 62.6 51.9 77.9

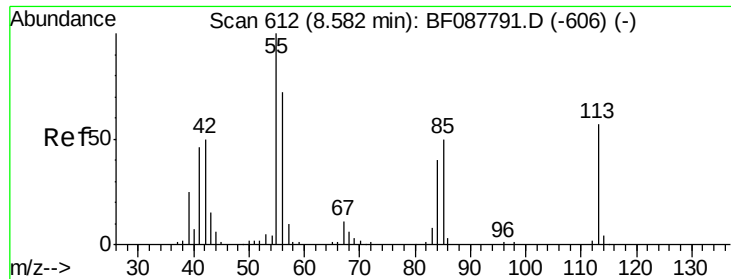


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

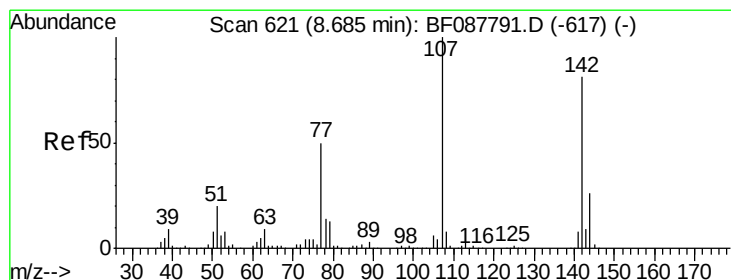
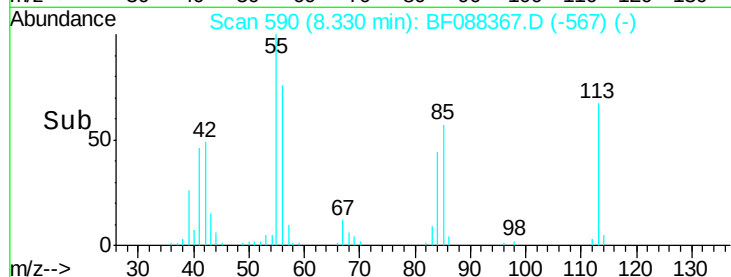
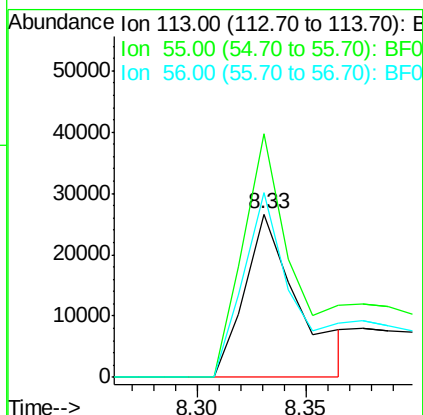
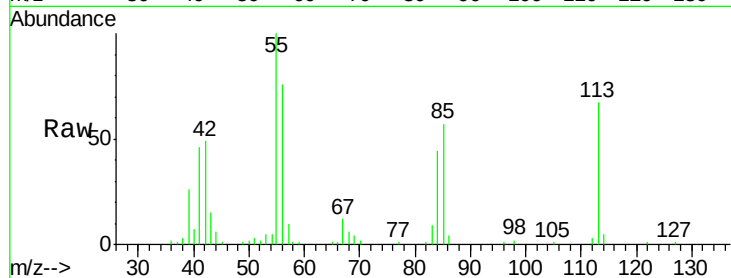




#35
 Caprolactam
 Concen: 24.68 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.03 min
 Lab File: BF088367.D
 Acq: 25 Jun 2016 10:29

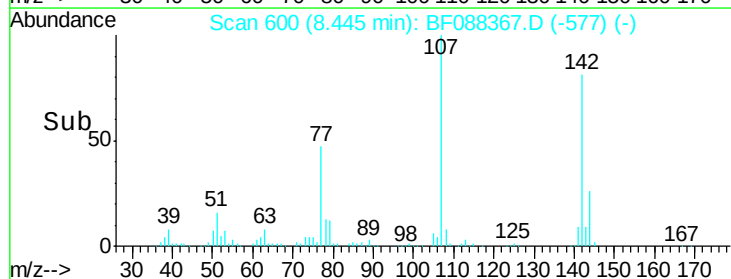
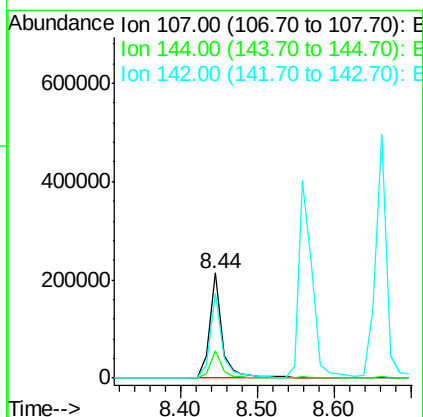
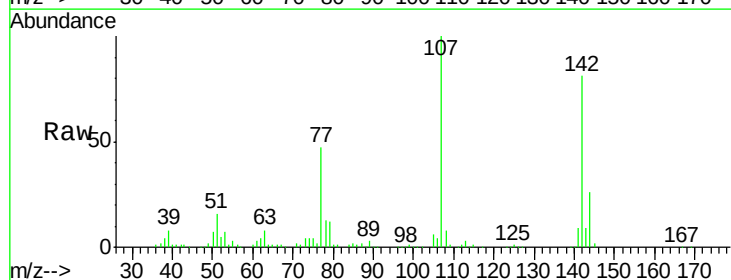
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

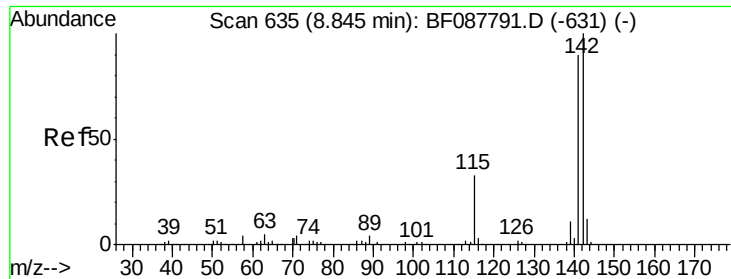
Tgt Ion:113 Resp: 46089
 Ion Ratio Lower Upper
 113 100
 55 149.4 158.6 198.6#
 56 113.7 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.48 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF088367.D
 Acq: 25 Jun 2016 10:29

Tgt Ion:107 Resp: 244145
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.8 31.2
 142 81.2 63.4 95.2





#37

2-Methylnaphthalene

Concen: 36.10 ng

RT: 8.56 min Scan# 610

Delta R.T. -0.05 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

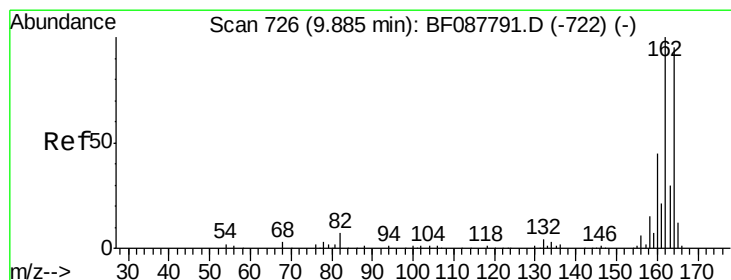
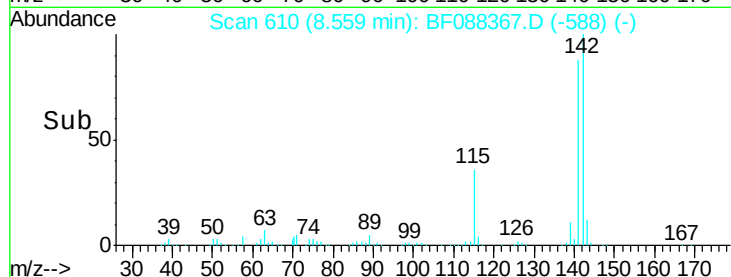
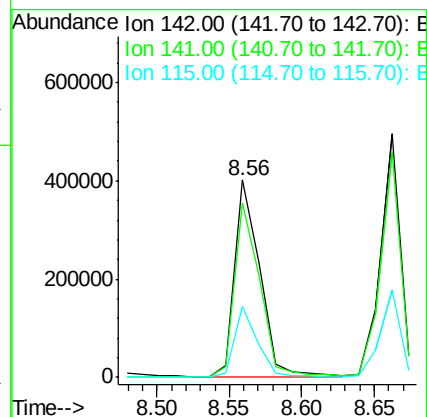
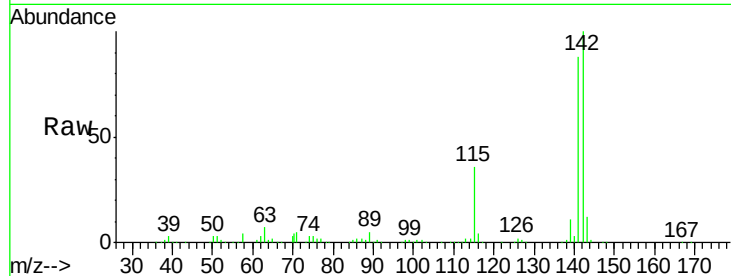
Tgt Ion:142 Resp: 486027

Ion Ratio Lower Upper

142 100

141 88.4 71.0 106.6

115 35.9 22.6 33.8#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.05 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

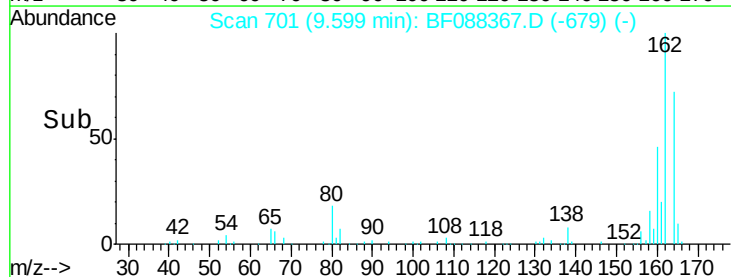
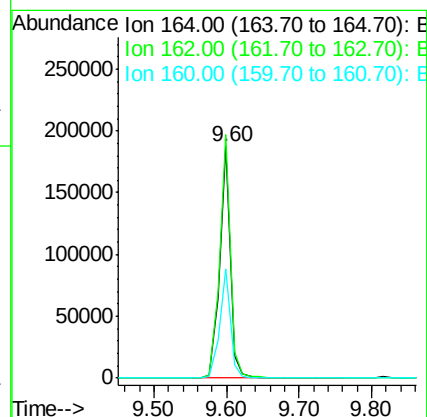
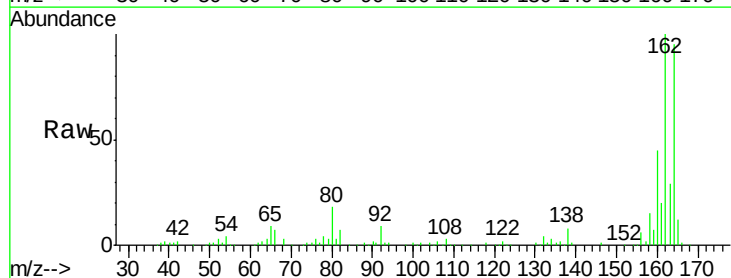
Tgt Ion:164 Resp: 192622

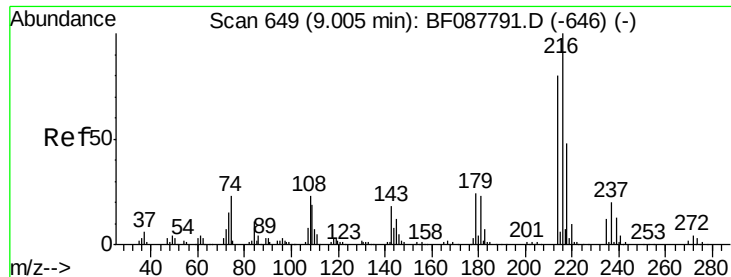
Ion Ratio Lower Upper

164 100

162 105.0 85.4 128.2

160 47.3 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.97 ng

RT: 8.73 min Scan# 625

Delta R.T. -0.05 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 218735

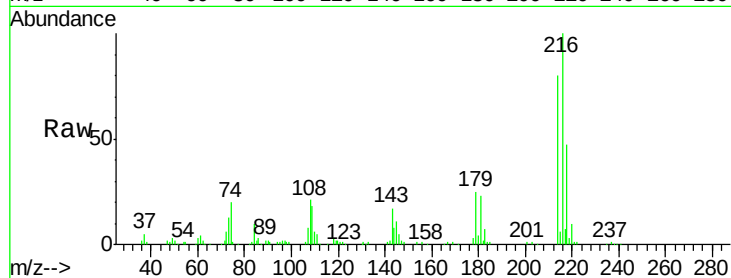
Ion Ratio Lower Upper

216 100

214 79.1 2.9 4.3#

179 23.2 0.0 0.0#

108 22.7 0.5 0.7#

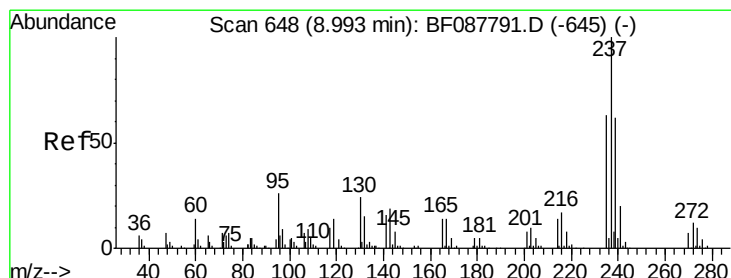
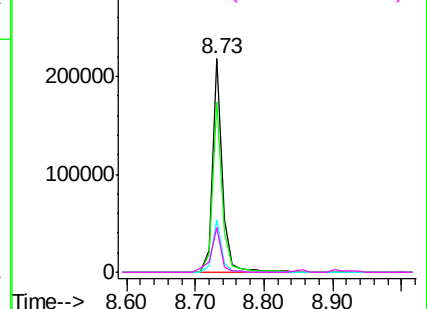
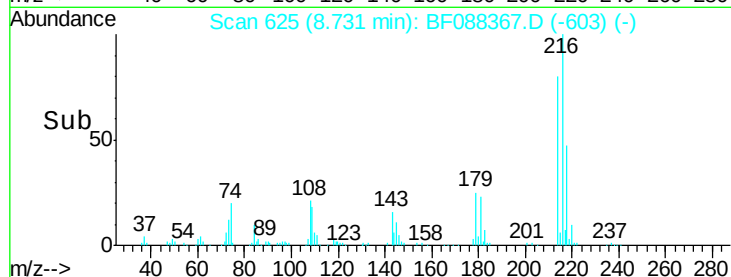


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 42.64 ng

RT: 8.72 min Scan# 624

Delta R.T. -0.03 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

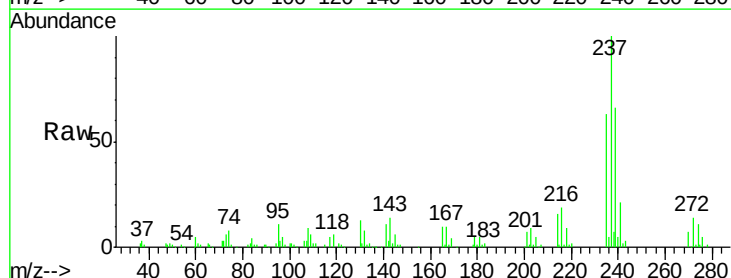
Tgt Ion:237 Resp: 132477

Ion Ratio Lower Upper

237 100

235 62.6 43.4 83.4

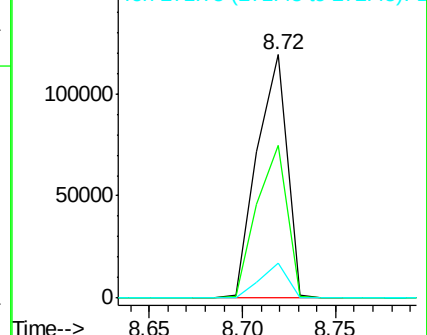
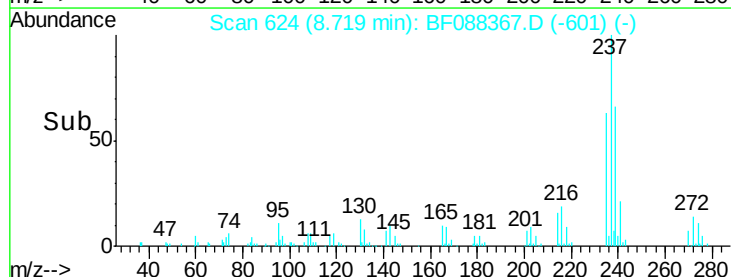
272 14.2 0.0 32.3

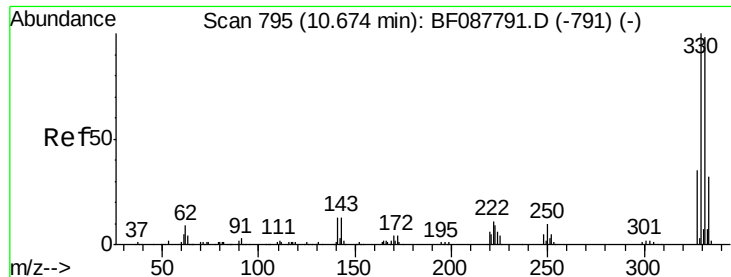


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

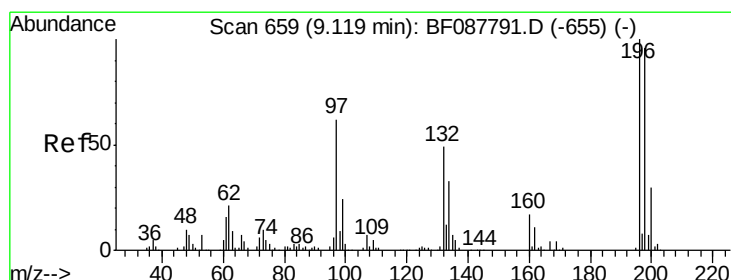
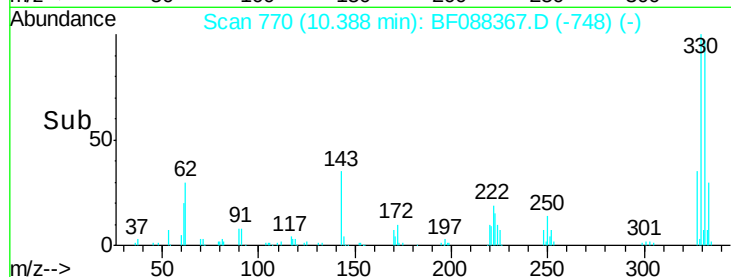
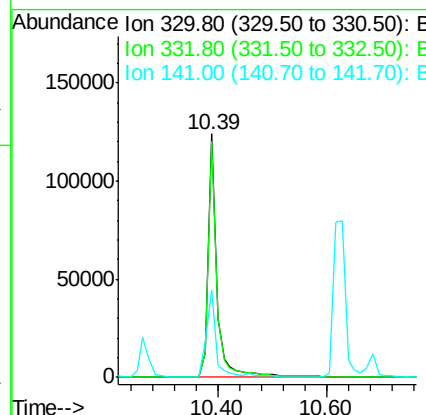
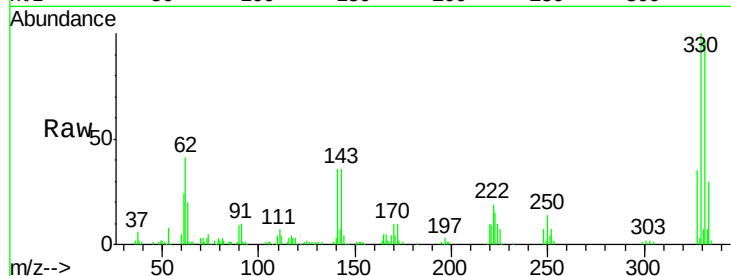




#41
 2,4,6-Tribromophenol
 Concen: 68.59 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF088367.D
 Acq: 25 Jun 2016 10:29

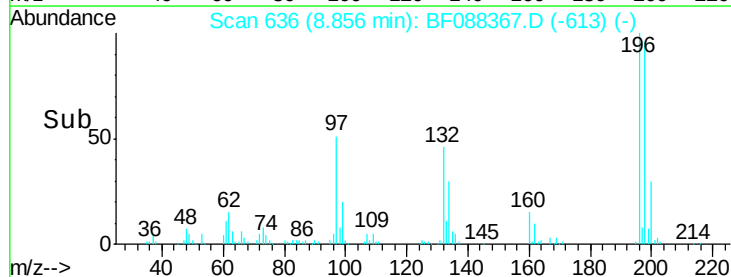
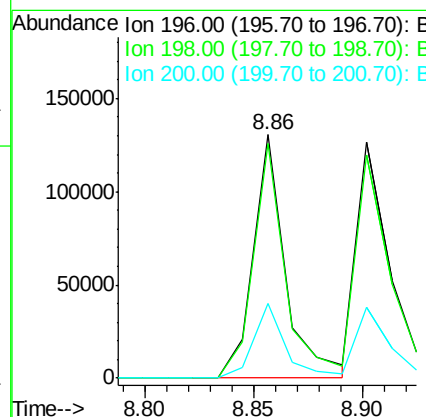
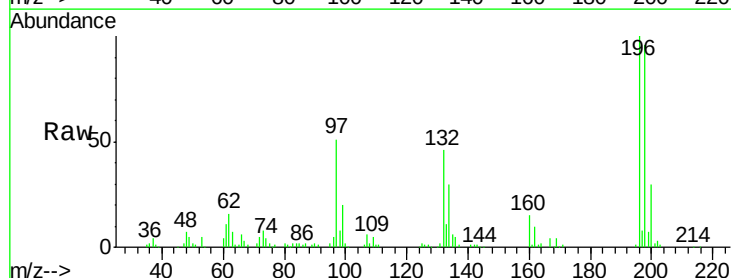
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

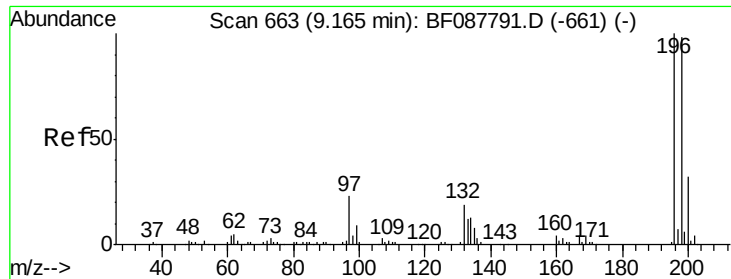
Tgt Ion:330 Resp: 139499
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 38.2 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 35.07 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF088367.D
 Acq: 25 Jun 2016 10:29

Tgt Ion:196 Resp: 135098
 Ion Ratio Lower Upper
 196 100
 198 96.4 78.0 117.0
 200 30.5 25.4 38.2

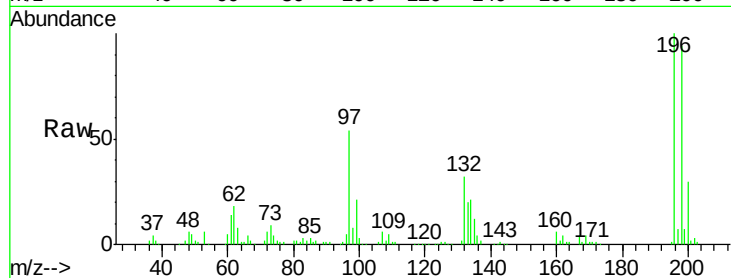




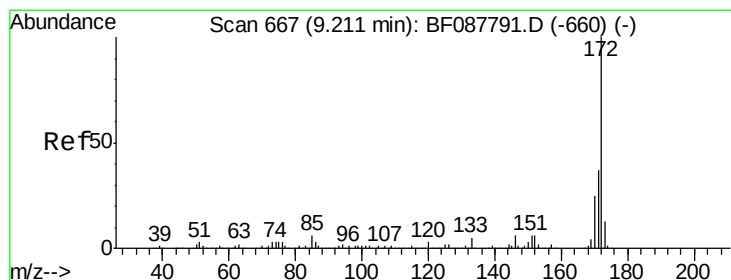
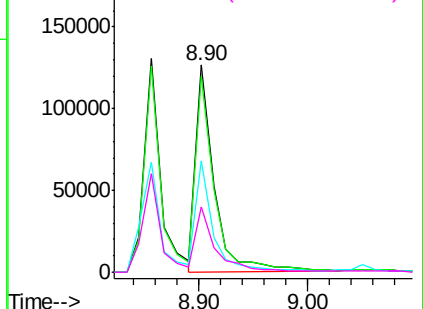
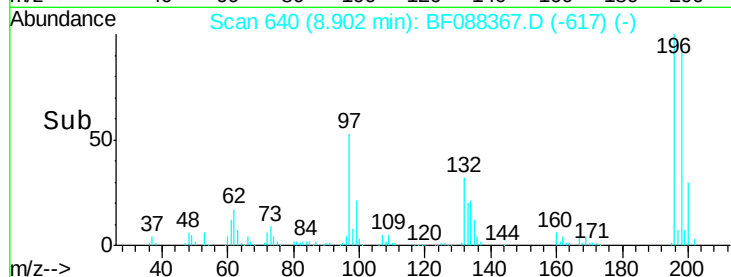
#43
 2,4,5-Trichlorophenol
 Concen: 36.73 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF088367.D
 Acq: 25 Jun 2016 10:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 147191
 Ion Ratio Lower Upper
 196 100
 198 94.3 77.5 116.3
 97 53.7 32.0 48.0#
 132 31.7 20.9 31.3#

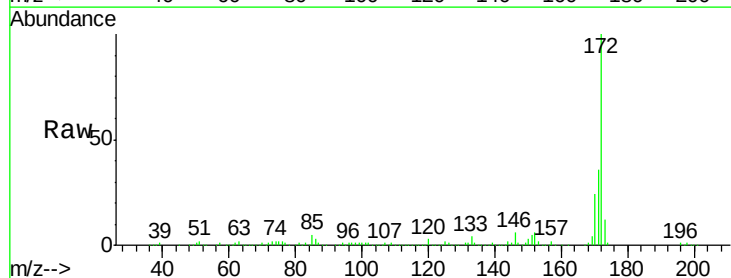


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

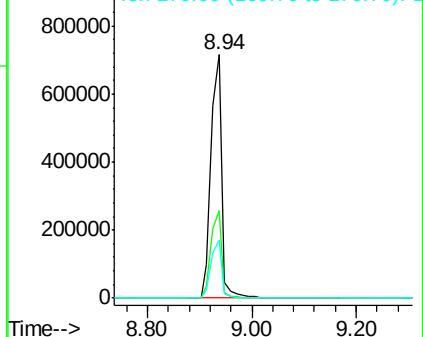
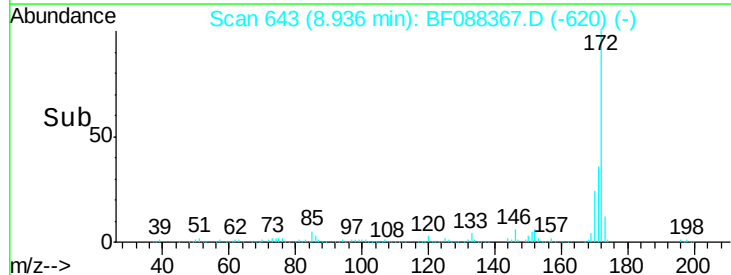


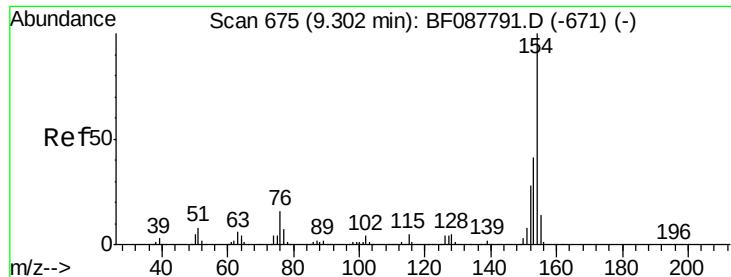
#44
 2-Fluorobiphenyl
 Concen: 83.34 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.03 min
 Lab File: BF088367.D
 Acq: 25 Jun 2016 10:29

Tgt Ion:172 Resp: 1023225
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.8 19.2 28.8



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

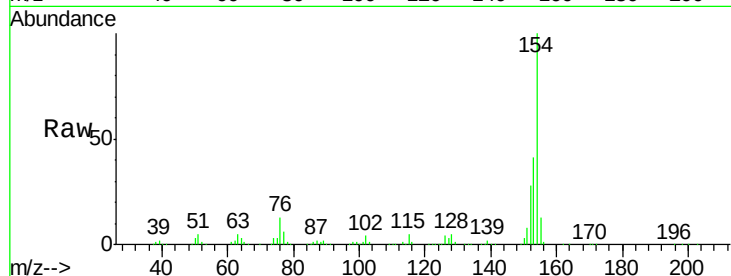




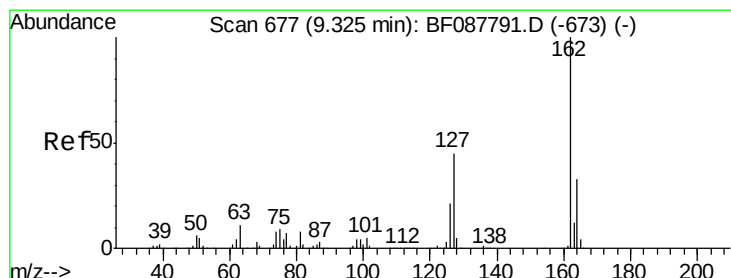
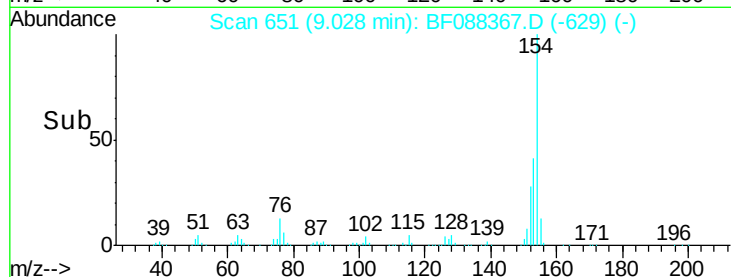
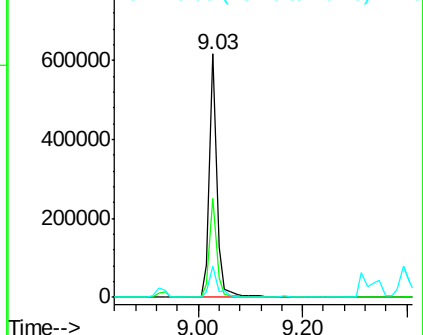
#45
 1,1'-Biphenyl
 Concen: 42.01 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF088367.D
 Acq: 25 Jun 2016 10:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 613339
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.6 60.6
 76 12.8 0.0 35.1

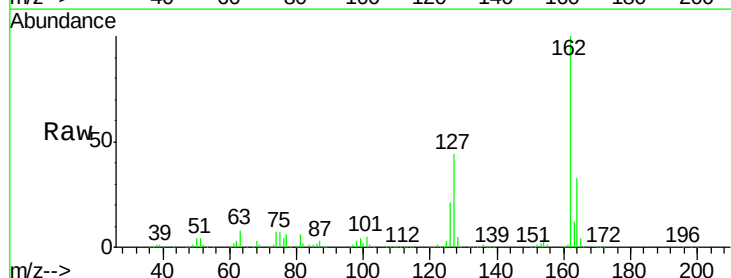


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

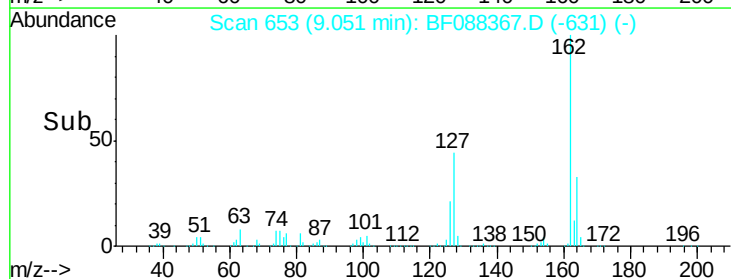
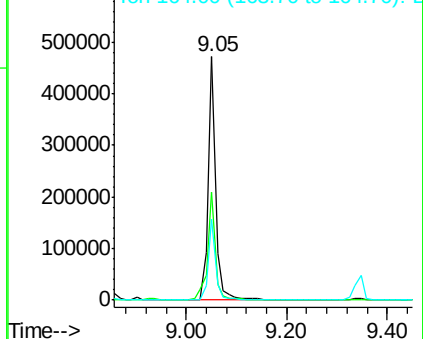


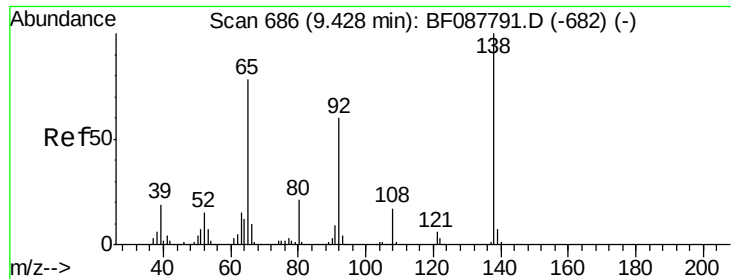
#46
 2-Chloronaphthalene
 Concen: 39.16 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.05 min
 Lab File: BF088367.D
 Acq: 25 Jun 2016 10:29

Tgt Ion:162 Resp: 488130
 Ion Ratio Lower Upper
 162 100
 127 44.2 35.2 52.8
 164 33.4 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.44 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

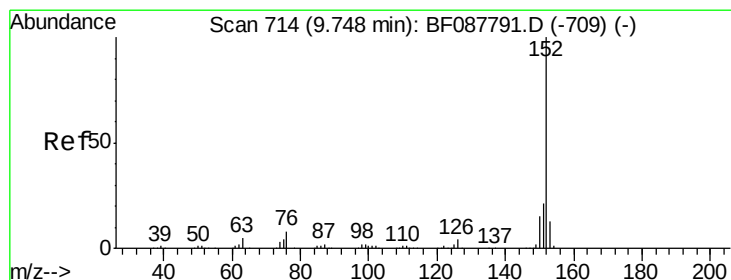
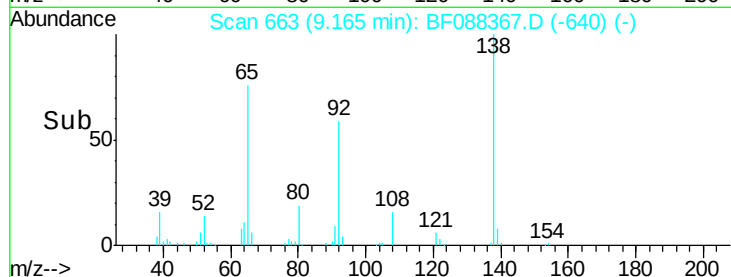
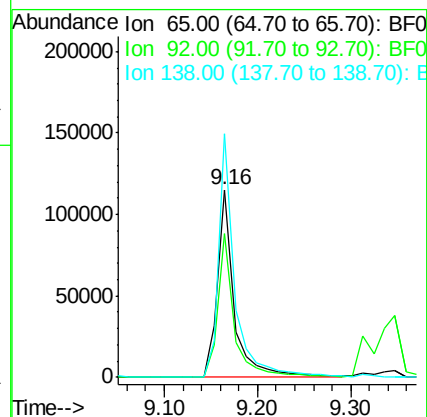
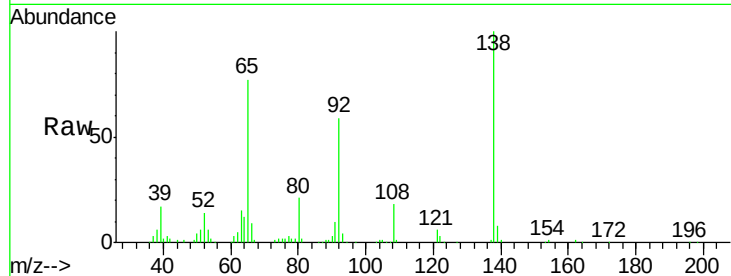
Tgt Ion: 65 Resp: 145020

Ion Ratio Lower Upper

65 100

92 76.6 54.6 82.0

138 129.9 77.0 115.4#



#48

Acenaphthylene

Concen: 38.58 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.05 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

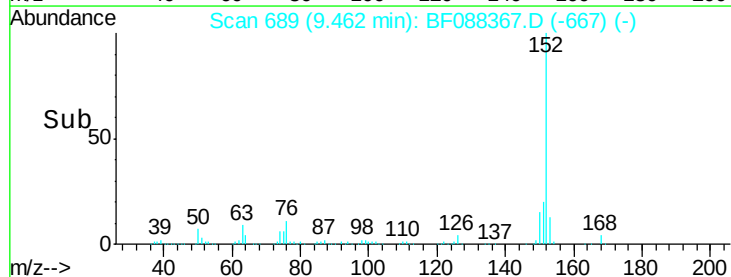
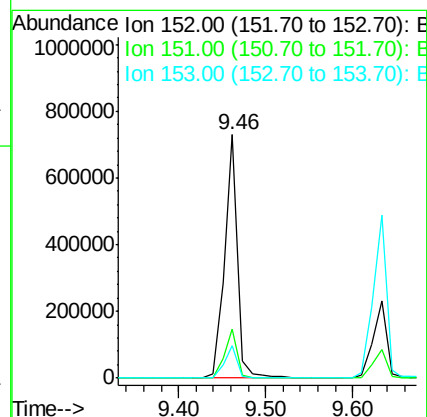
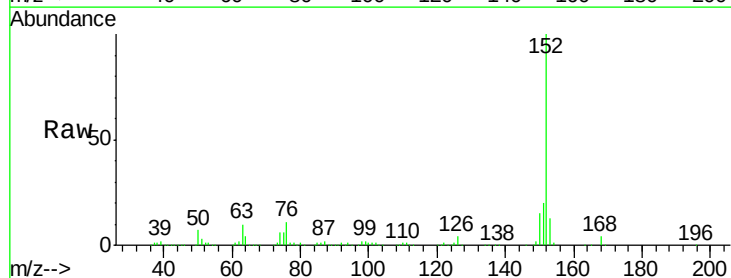
Tgt Ion: 152 Resp: 764874

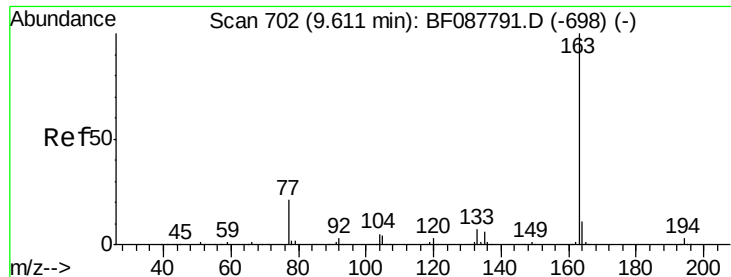
Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 13.2 11.0 16.6





#49

Dimethylphthalate

Concen: 42.56 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.03 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

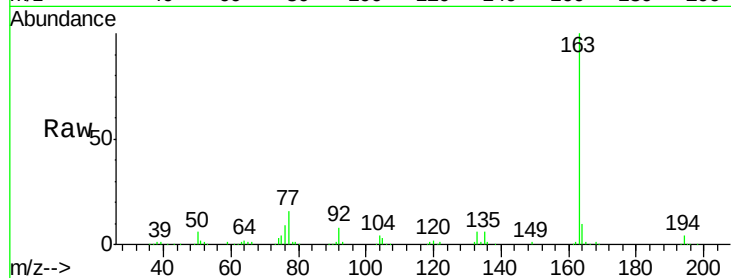
Tgt Ion:163 Resp: 593883

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

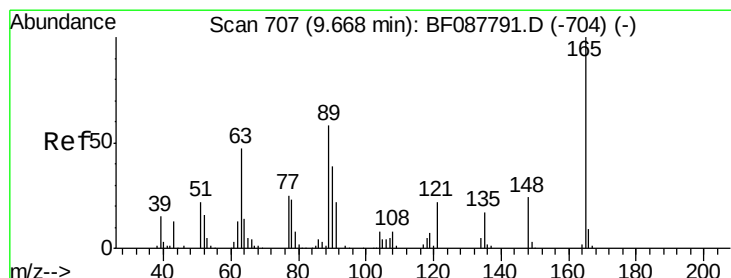
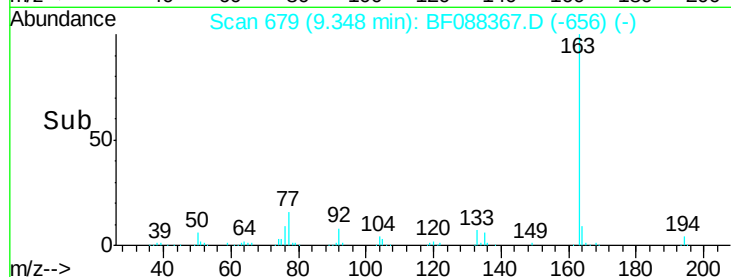
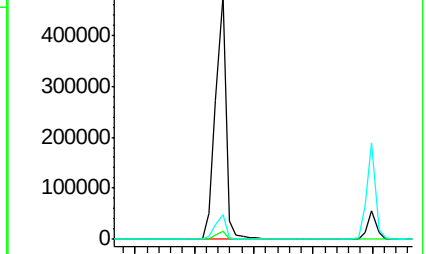
164 10.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.74 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

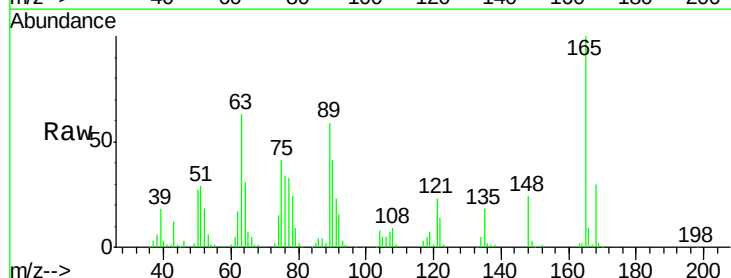
Tgt Ion:165 Resp: 120606

Ion Ratio Lower Upper

165 100

63 63.1 28.1 42.1#

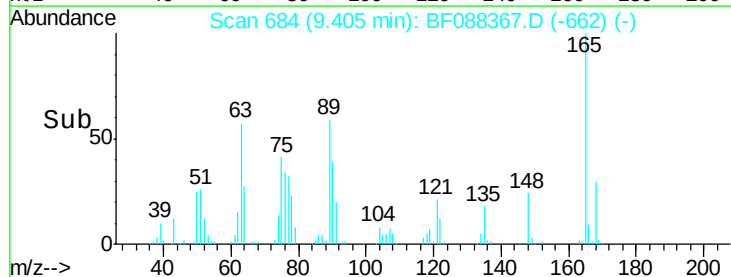
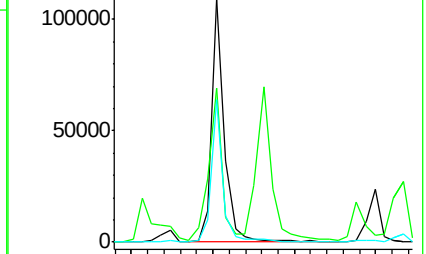
89 58.7 32.2 48.2#

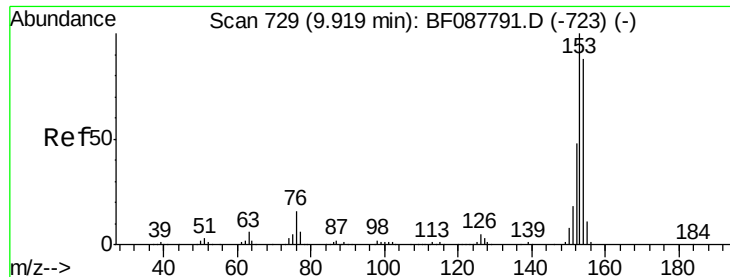


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.96 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.05 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

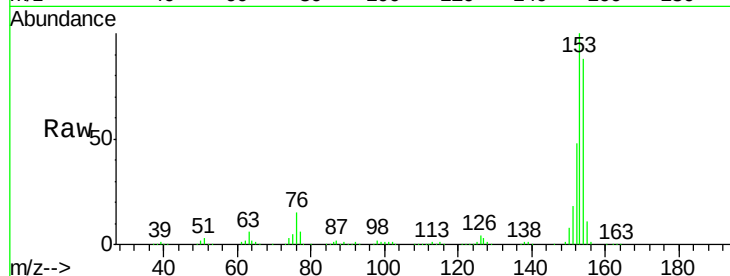
Tgt Ion:154 Resp: 457178

Ion Ratio Lower Upper

154 100

153 113.6 89.5 134.3

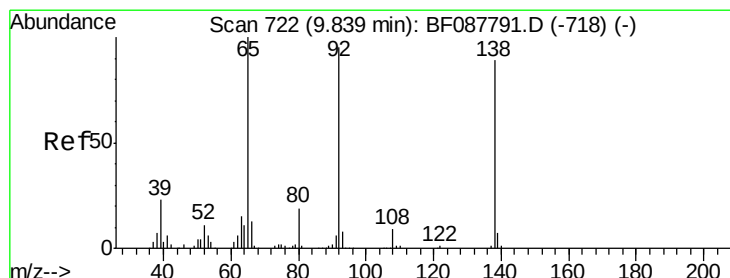
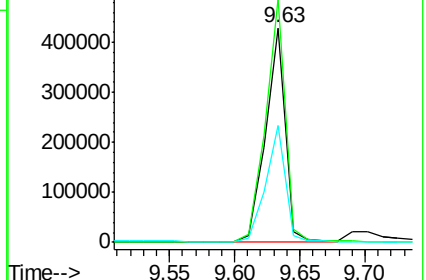
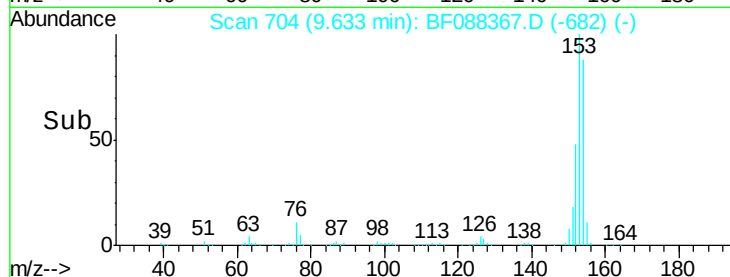
152 54.3 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.36 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

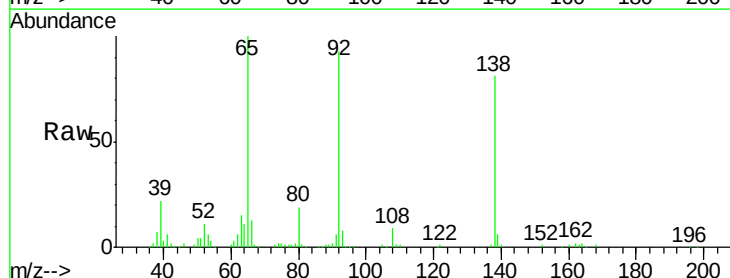
Tgt Ion:138 Resp: 141435

Ion Ratio Lower Upper

138 100

108 10.5 8.5 12.7

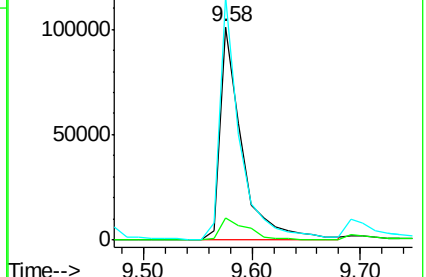
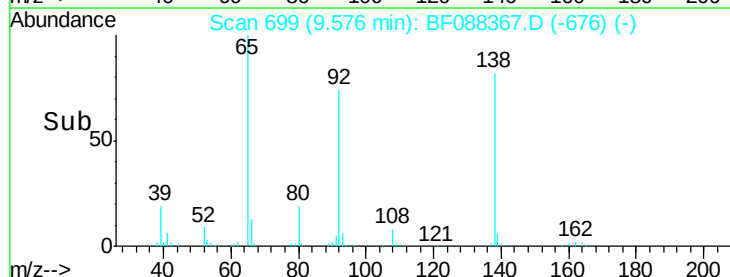
92 114.2 95.7 143.5

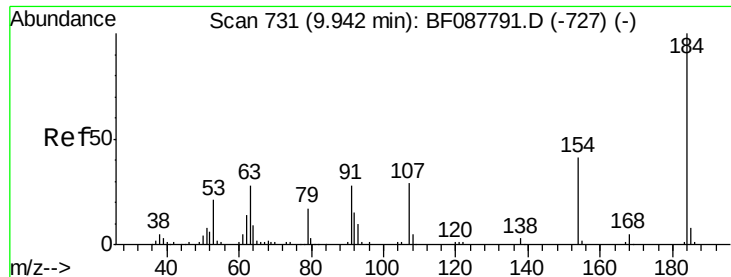


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

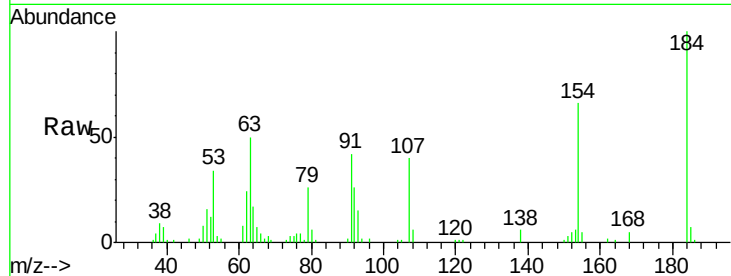




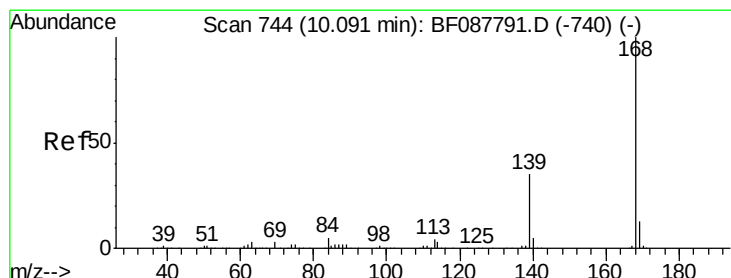
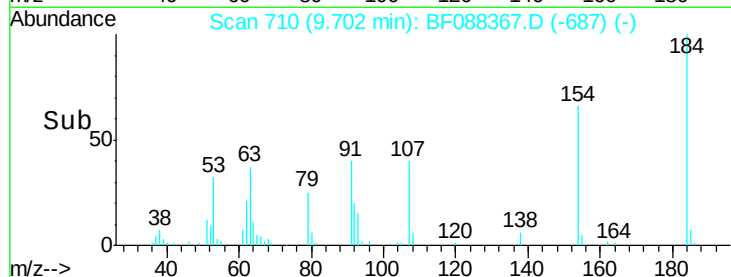
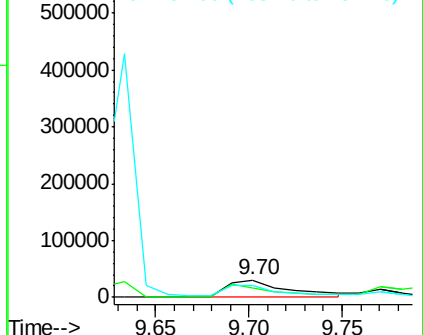
#53
 2,4-Dinitrophenol
 Concen: 44.91 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.03 min
 Lab File: BF088367.D
 Acq: 25 Jun 2016 10:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:184 Resp: 68811
 Ion Ratio Lower Upper
 184 100
 63 50.2 57.6 86.4#
 154 65.5 53.5 80.3

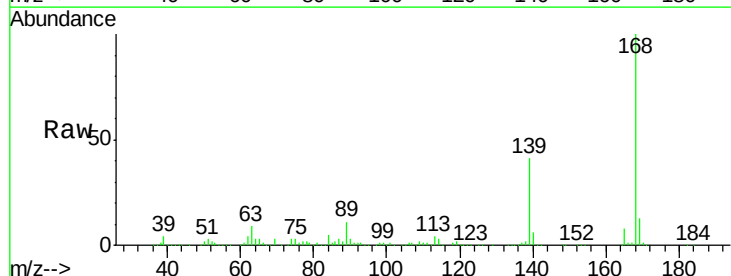


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

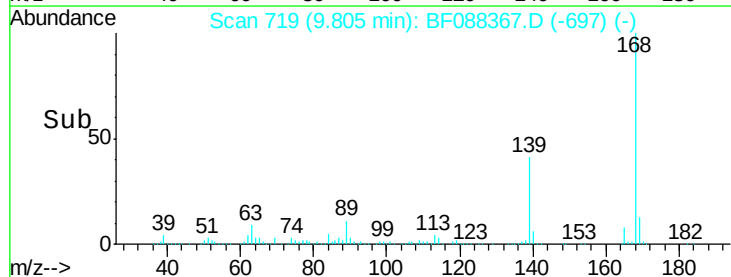
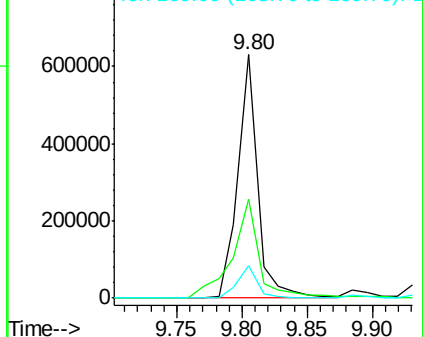


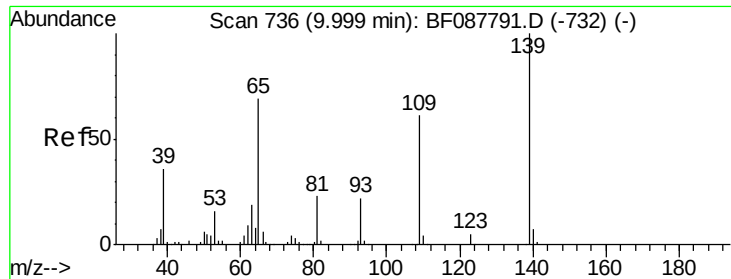
#54
 Dibenzofuran
 Concen: 38.83 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.05 min
 Lab File: BF088367.D
 Acq: 25 Jun 2016 10:29

Tgt Ion:168 Resp: 661403
 Ion Ratio Lower Upper
 168 100
 139 40.9 26.4 39.6#
 169 13.4 10.4 15.6



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





#55

4-Nitrophenol

Concen: 135.23 ng

RT: 9.80 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

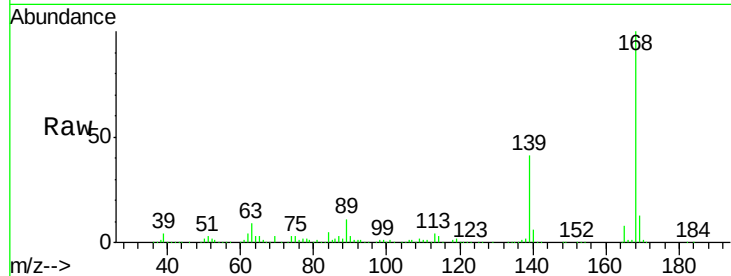
Tgt Ion:139 Resp: 387004

Ion Ratio Lower Upper

139 100

109 4.2 48.9 88.9#

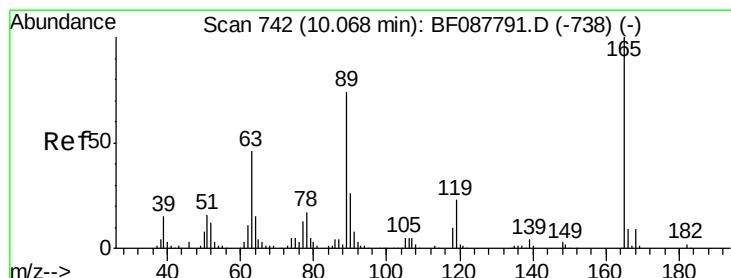
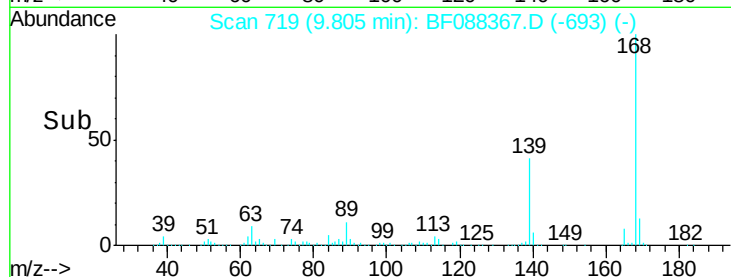
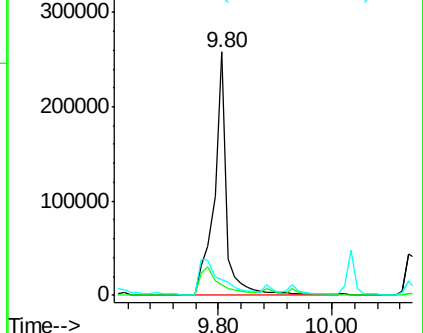
65 6.5 84.9 124.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.24 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

Tgt Ion:165 Resp: 169366

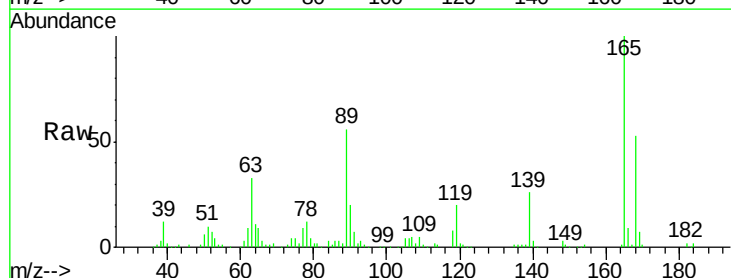
Ion Ratio Lower Upper

165 100

63 32.9 22.0 33.0

89 56.3 41.1 61.7

182 2.5 2.0 3.0

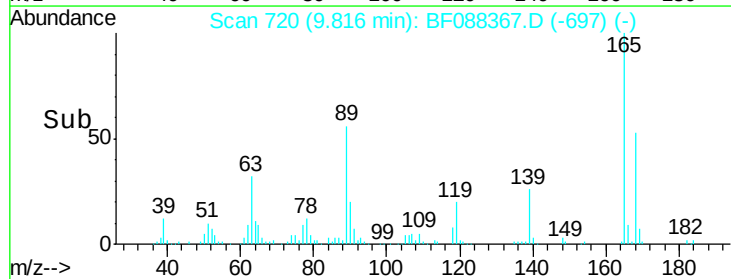
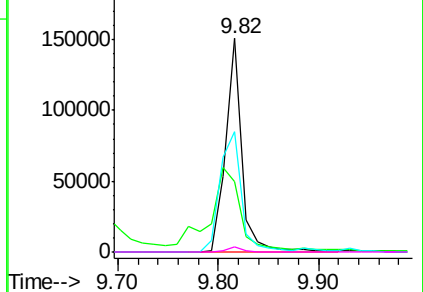


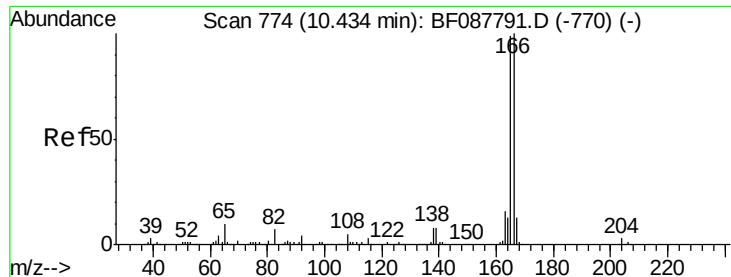
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

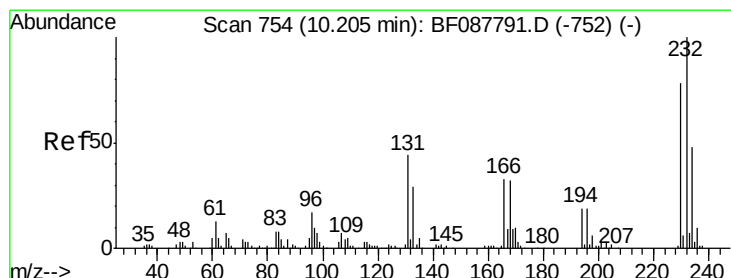
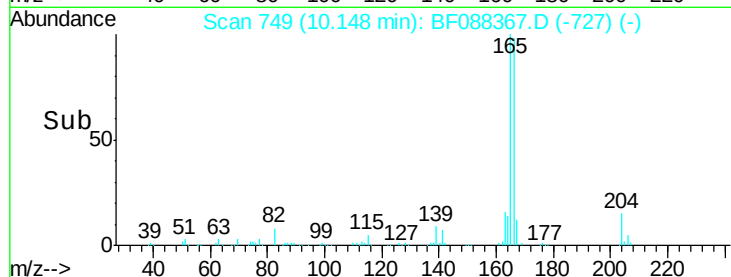
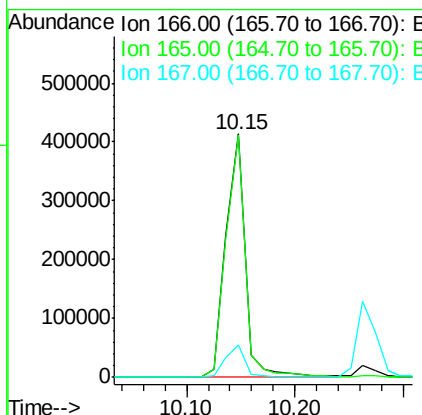
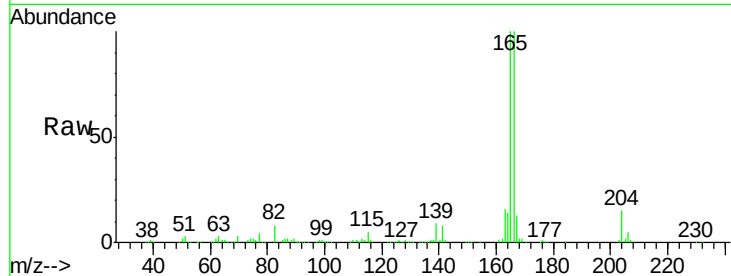




#57
 Fluorene
 Concen: 44.20 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.05 min
 Lab File: BF088367.D
 Acq: 25 Jun 2016 10:29

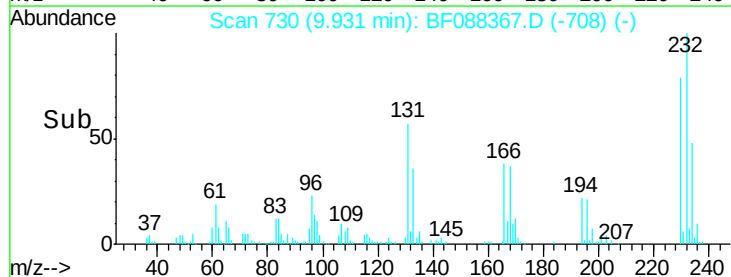
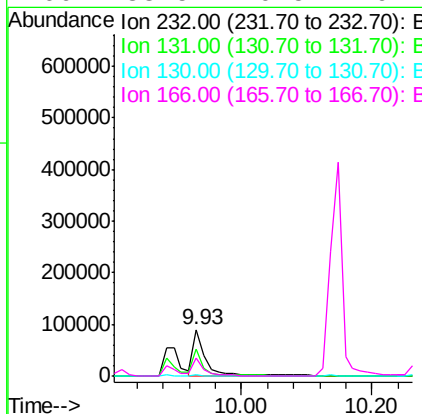
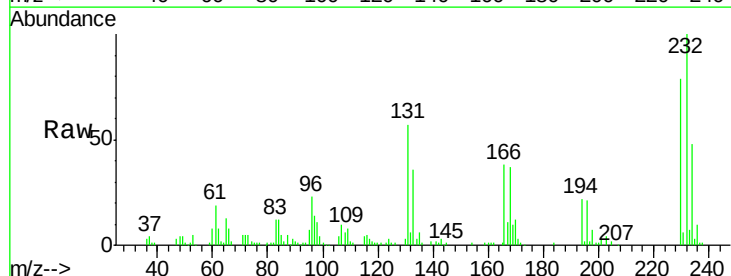
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

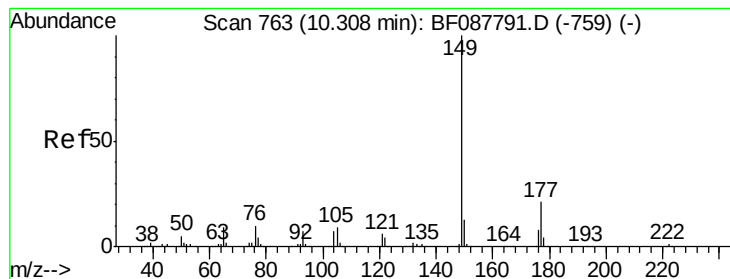
Tgt Ion:166 Resp: 509760
 Ion Ratio Lower Upper
 166 100
 165 99.6 77.8 116.8
 167 13.3 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.67 ng
 RT: 9.93 min Scan# 730
 Delta R.T. -0.05 min
 Lab File: BF088367.D
 Acq: 25 Jun 2016 10:29

Tgt Ion:232 Resp: 121775
 Ion Ratio Lower Upper
 232 100
 131 47.1 0.9 1.3#
 130 2.2 1.5 2.3
 166 33.5 0.5 0.7#





#59

Diethylphthalate

Concen: 36.37 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.05 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

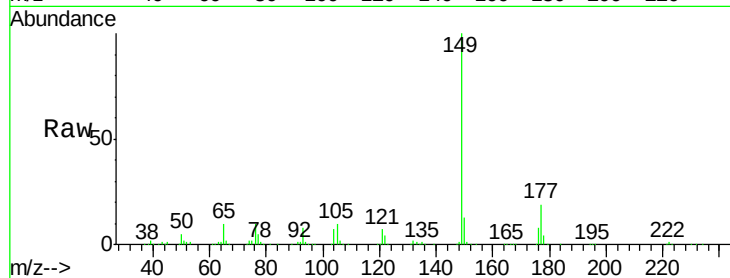
Tgt Ion:149 Resp: 513679

Ion Ratio Lower Upper

149 100

177 19.5 16.9 25.3

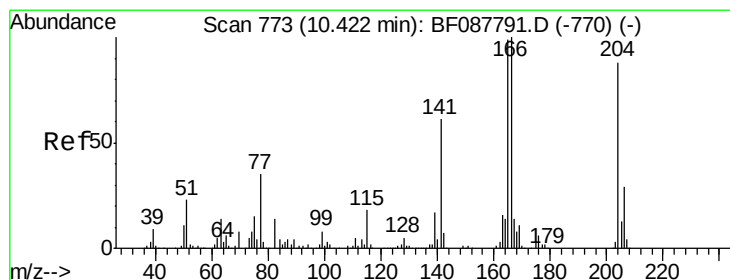
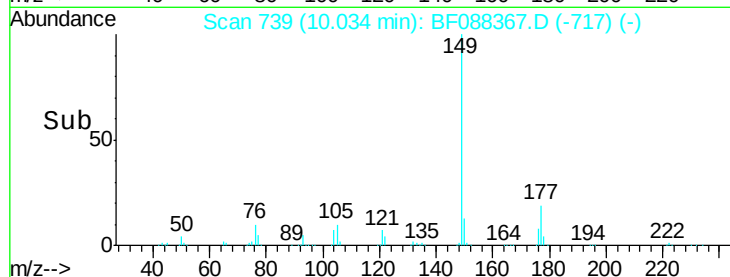
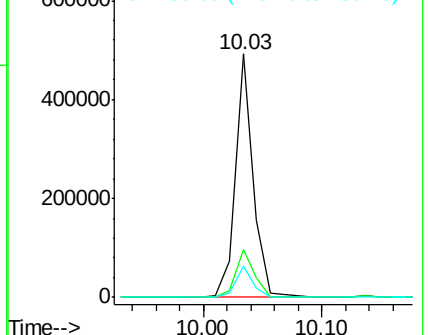
150 12.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.74 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.05 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

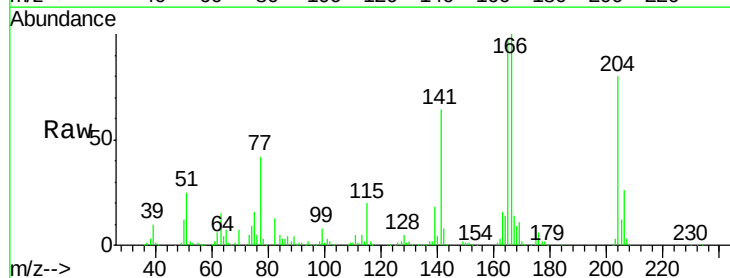
Tgt Ion:204 Resp: 202442

Ion Ratio Lower Upper

204 100

206 32.8 26.3 39.5

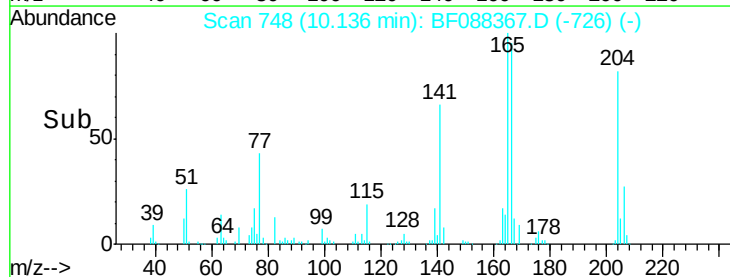
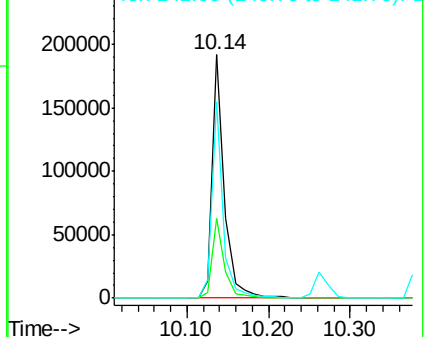
141 80.7 55.0 82.6

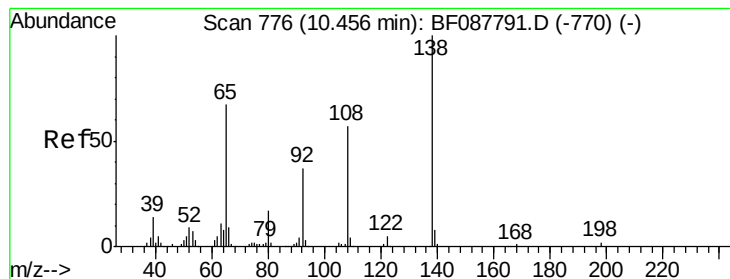


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.95 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.03 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

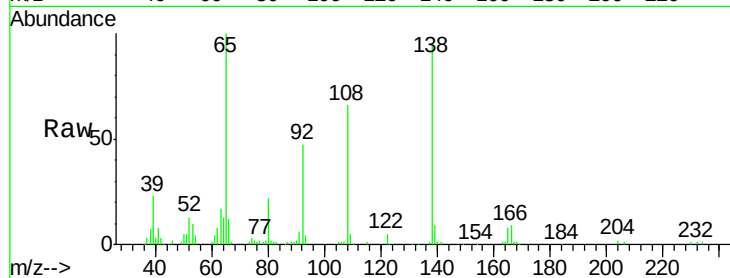
Tgt Ion:138 Resp: 143209

Ion Ratio Lower Upper

138 100

92 49.7 27.3 67.3

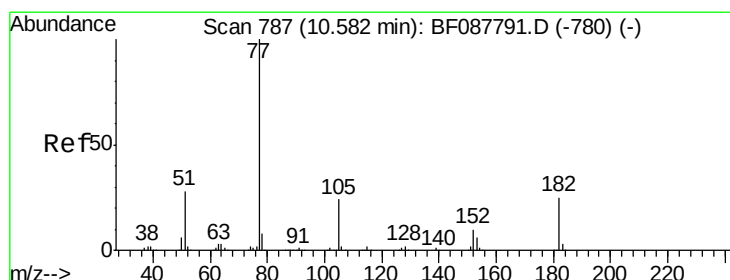
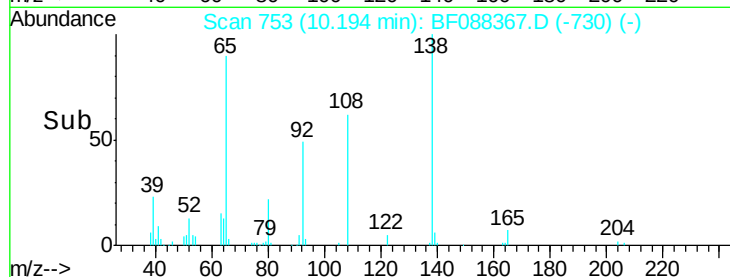
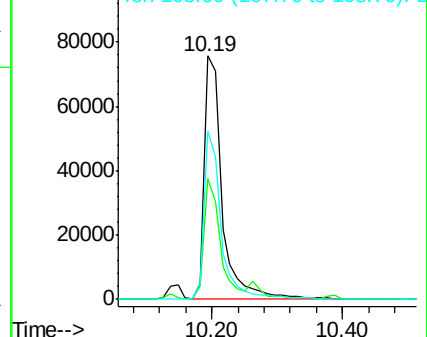
108 69.2 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.86 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.05 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

Tgt Ion: 77 Resp: 542730

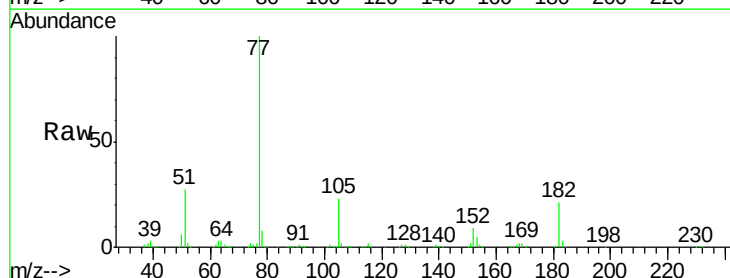
Ion Ratio Lower Upper

77 100

182 21.3 4.4 44.4

105 22.9 3.8 43.8

51 26.7 9.3 49.3

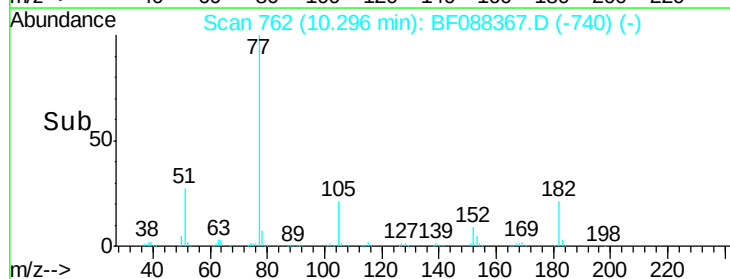
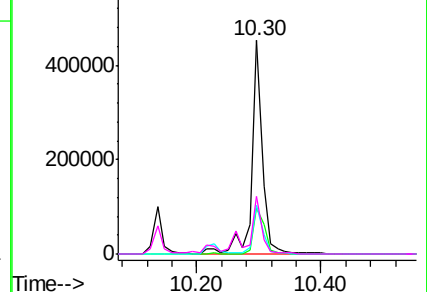


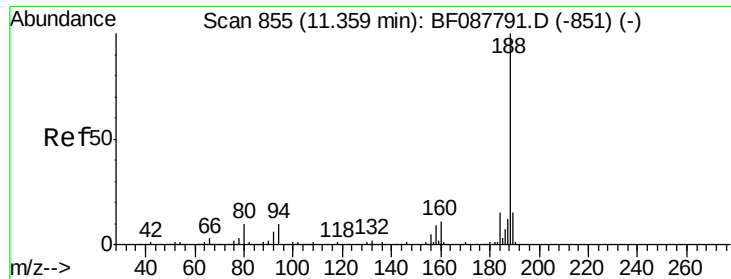
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

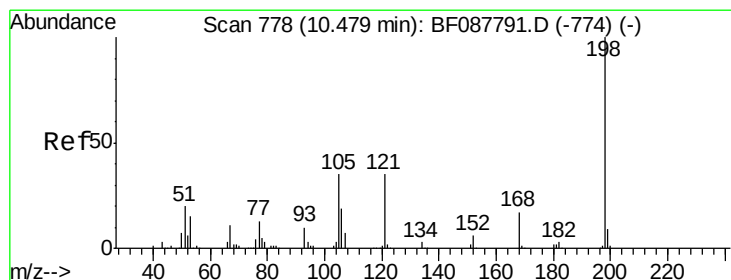
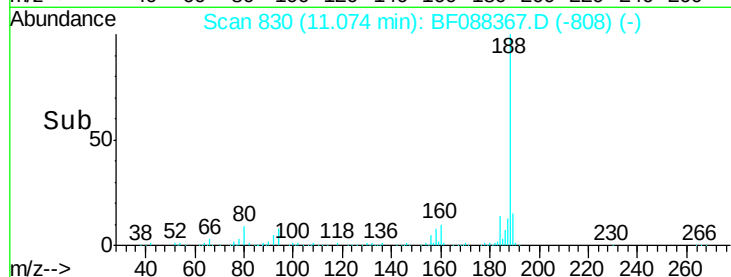
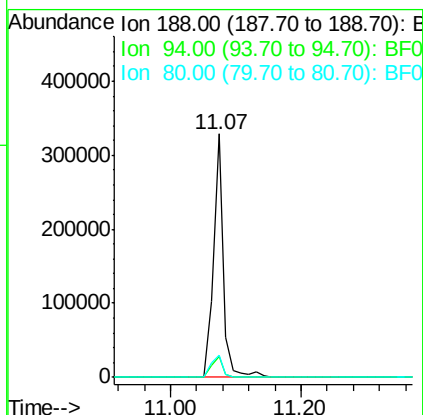
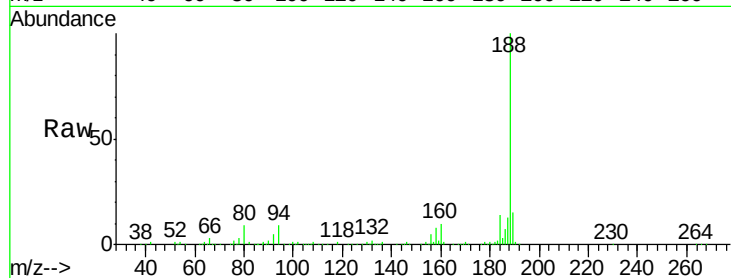




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.05 min
Lab File: BF088367.D
Acq: 25 Jun 2016 10:29

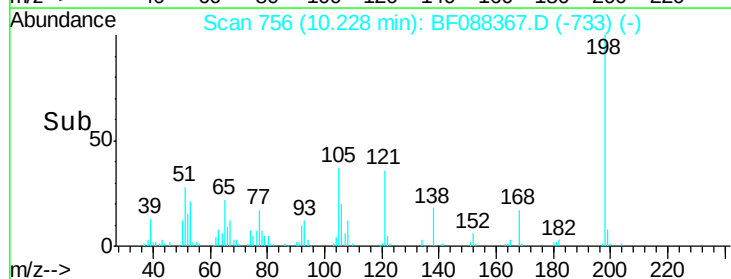
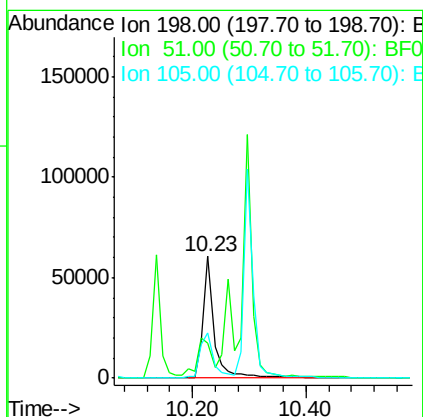
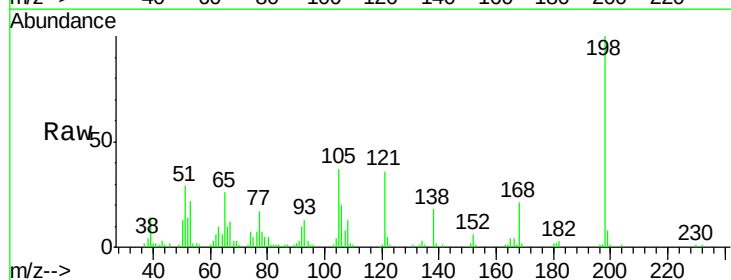
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

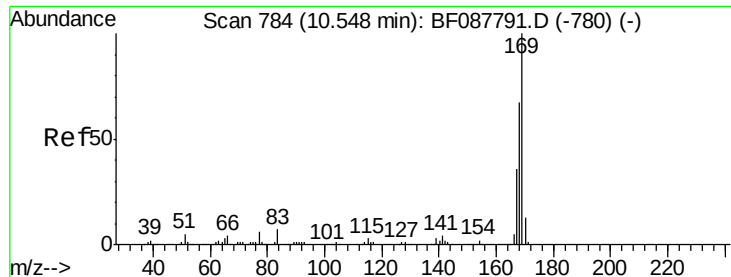
Tgt Ion:188 Resp: 357891
Ion Ratio Lower Upper
188 100
94 8.5 9.0 13.6#
80 9.0 10.0 15.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 37.24 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.03 min
Lab File: BF088367.D
Acq: 25 Jun 2016 10:29

Tgt Ion:198 Resp: 82069
Ion Ratio Lower Upper
198 100
51 28.6 39.6 79.6#
105 36.8 36.6 76.6





#65

n-Nitrosodiphenylamine

Concen: 38.31 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.05 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

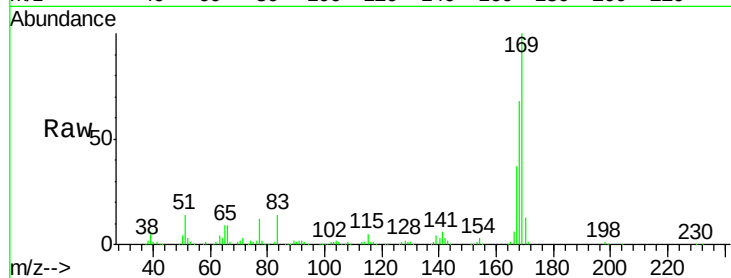
Tgt Ion:169 Resp: 454917

Ion Ratio Lower Upper

169 100

168 68.1 53.4 80.0

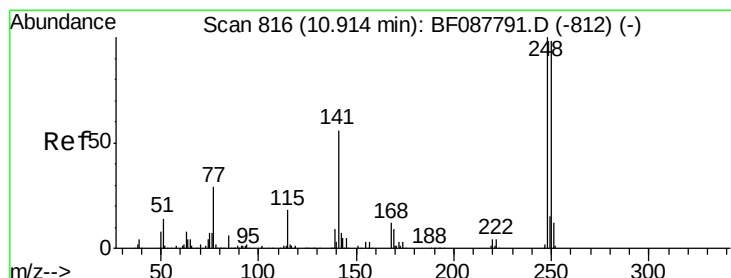
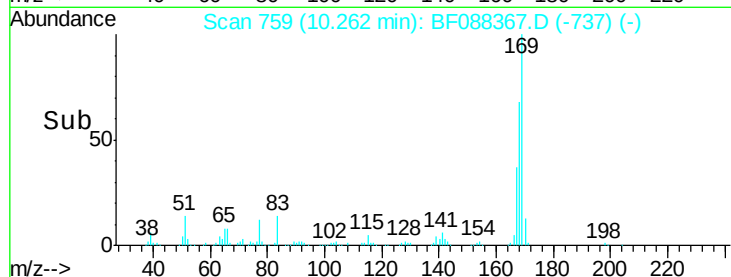
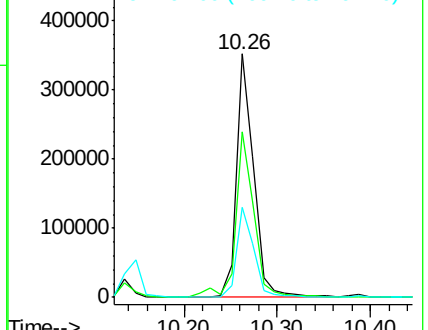
167 36.8 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.35 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.05 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

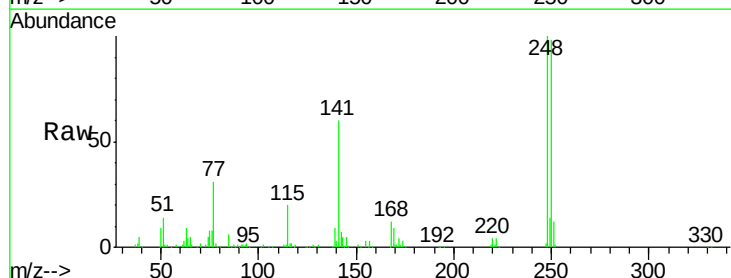
Tgt Ion:248 Resp: 154933

Ion Ratio Lower Upper

248 100

250 97.7 77.1 115.7

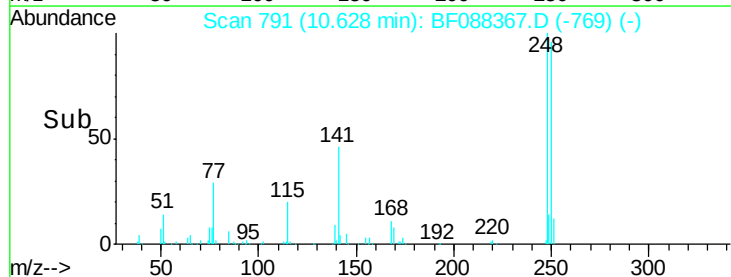
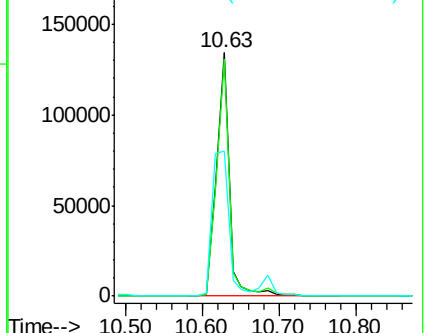
141 59.5 50.6 76.0

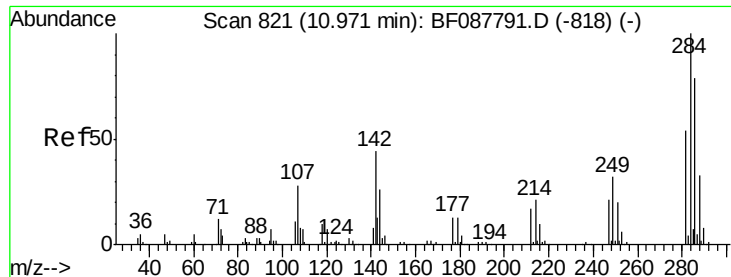


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

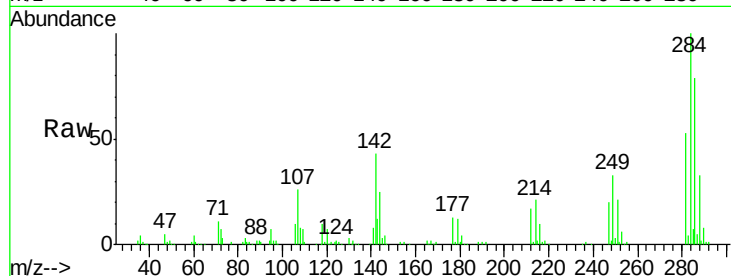




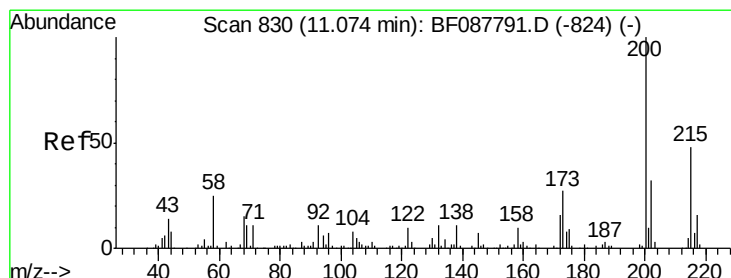
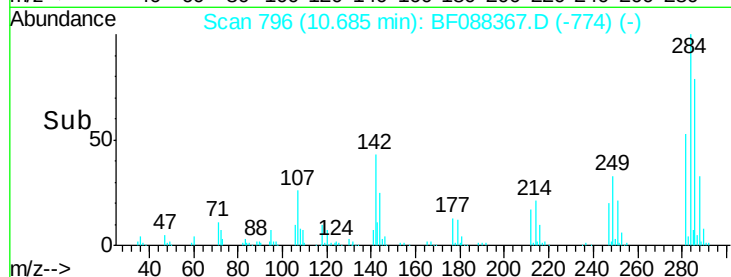
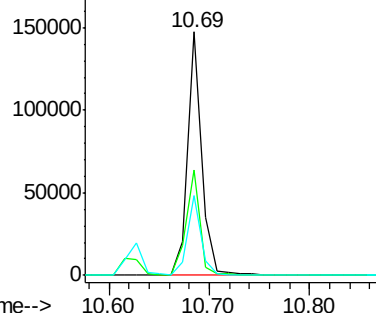
#67
Hexachlorobenzene
Concen: 36.16 ng
RT: 10.69 min Scan# 796
Delta R.T. -0.05 min
Lab File: BF088367.D
Acq: 25 Jun 2016 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
284	100		
142	43.1	35.8	53.8
249	32.7	25.8	38.6

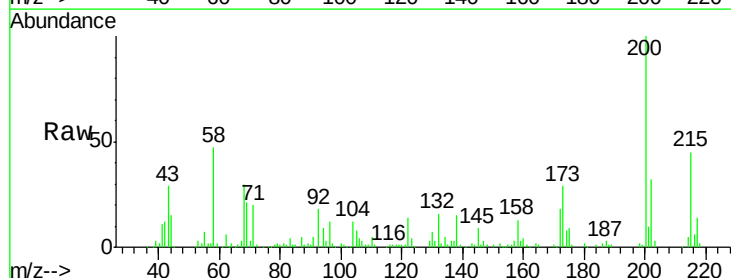


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

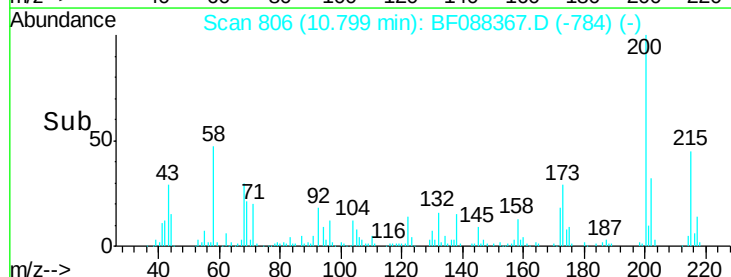
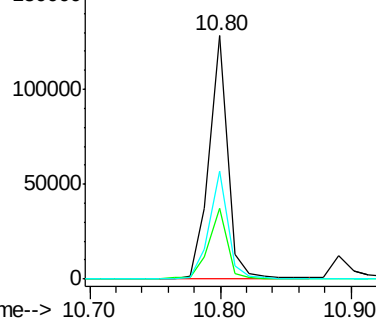


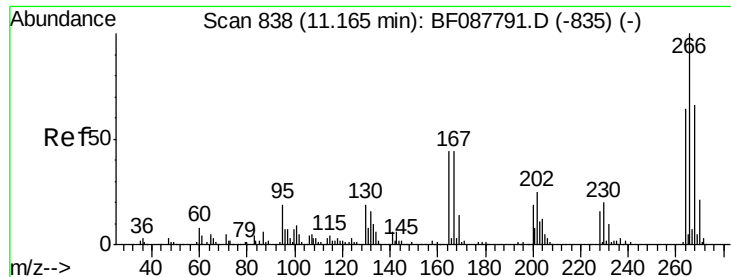
#68
Atrazine
Concen: 35.75 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.05 min
Lab File: BF088367.D
Acq: 25 Jun 2016 10:29

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.3	4.0	44.0
215	44.5	29.3	69.3



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

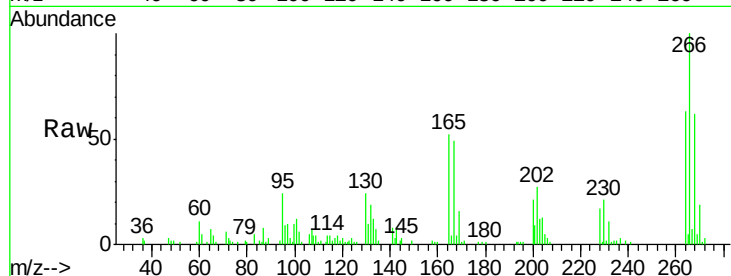




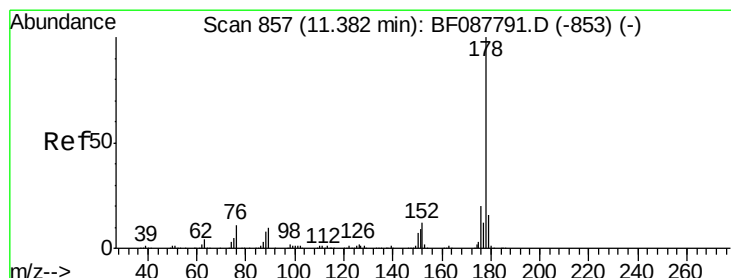
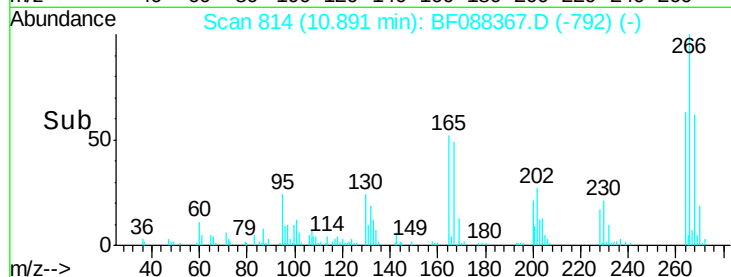
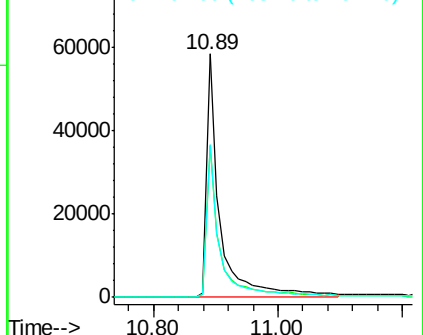
#69
 Pentachlorophenol
 Concen: 41.98 ng
 RT: 10.89 min Scan# 814
 Delta R.T. -0.05 min
 Lab File: BF088367.D
 Acq: 25 Jun 2016 10:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 266 Resp: 88280
 Ion Ratio Lower Upper
 266 100
 268 62.3 52.8 79.2
 264 62.7 49.6 74.4

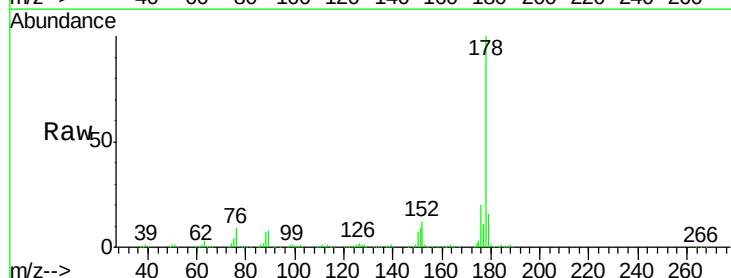


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

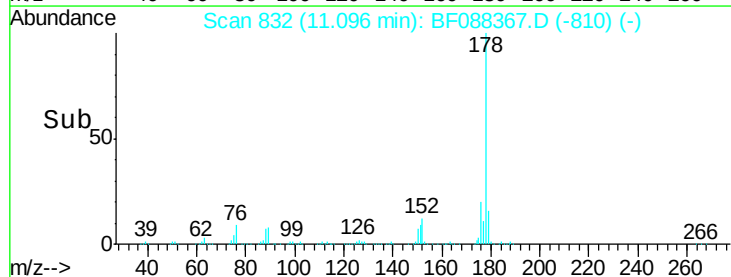
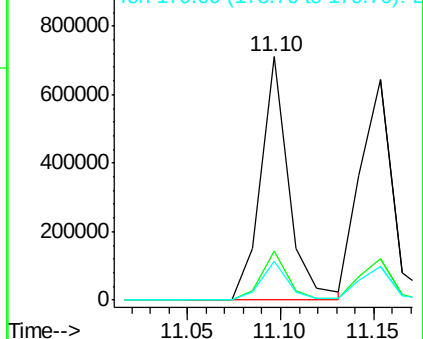


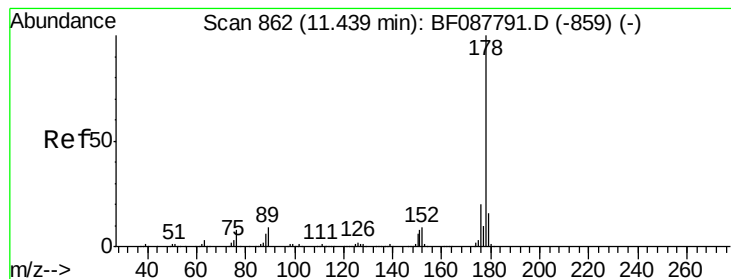
#70
 Phenanthrene
 Concen: 39.08 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.05 min
 Lab File: BF088367.D
 Acq: 25 Jun 2016 10:29

Tgt Ion: 178 Resp: 733883
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.6
 179 15.8 13.0 19.4



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





#71

Anthracene

Concen: 42.67 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.05 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

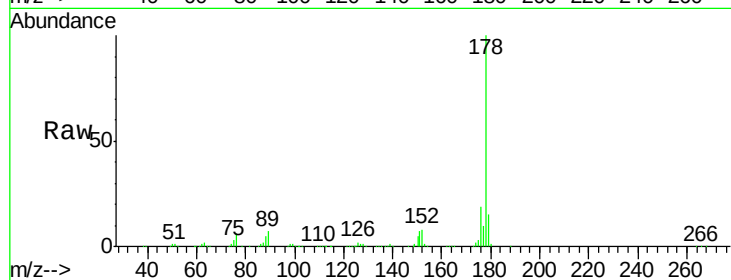
Tgt Ion:178 Resp: 808419

Ion Ratio Lower Upper

178 100

176 18.9 15.6 23.4

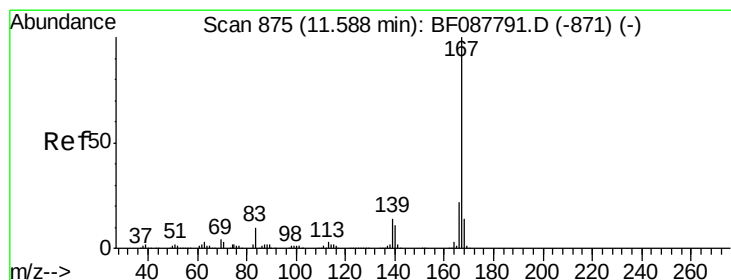
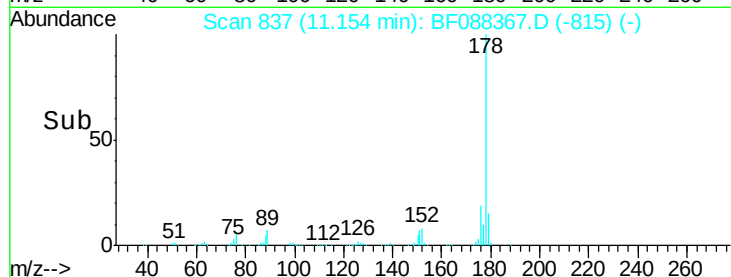
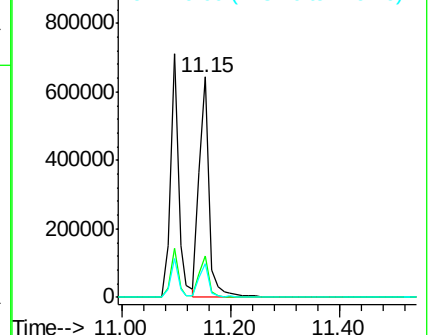
179 15.3 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.14 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

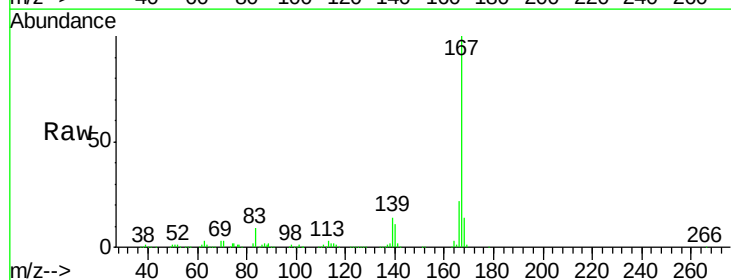
Tgt Ion:167 Resp: 747048

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

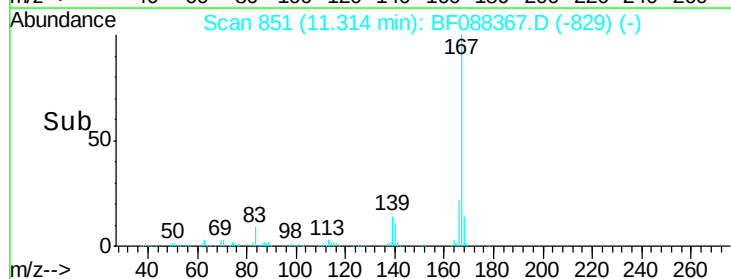
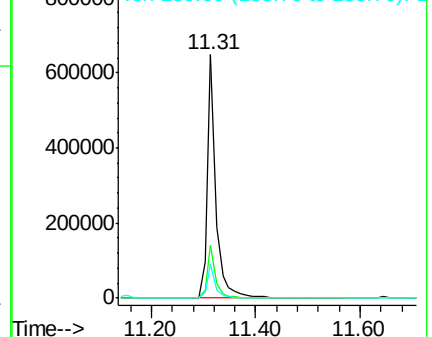
139 13.9 11.2 16.8

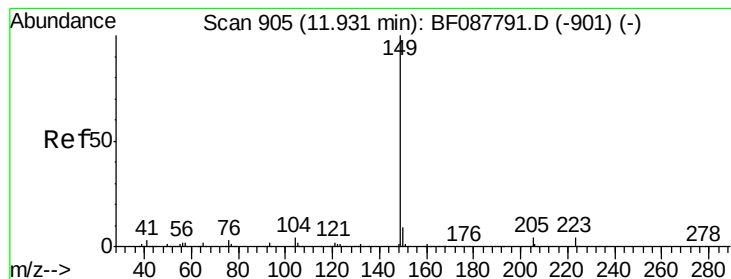


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.26 ng

RT: 11.65 min Scan# 880

Delta R.T. -0.05 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

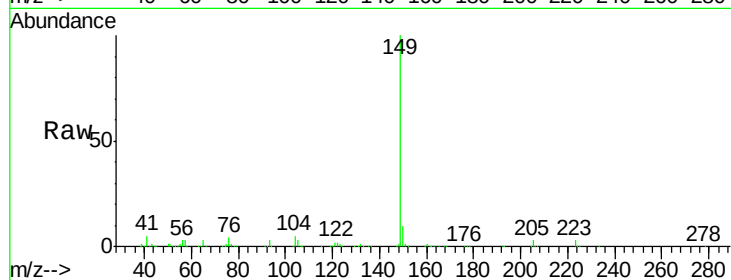
Tgt Ion:149 Resp: 881089

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

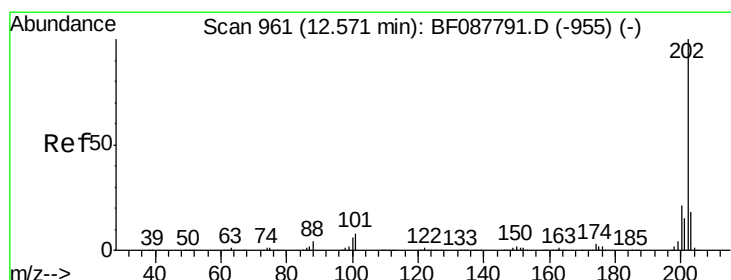
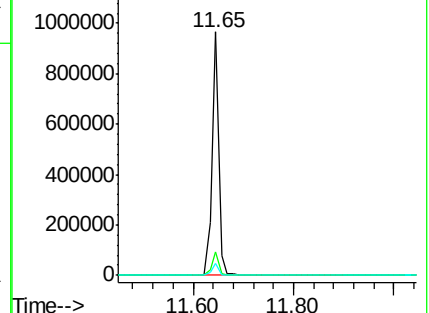
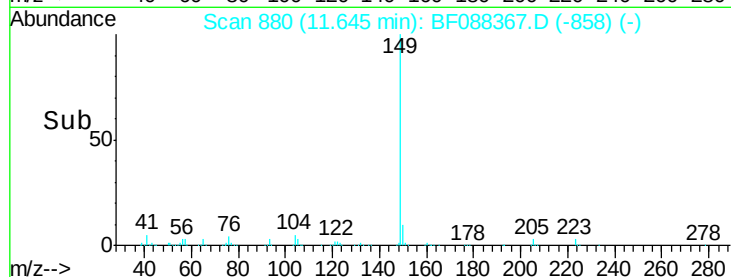
104 4.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.83 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

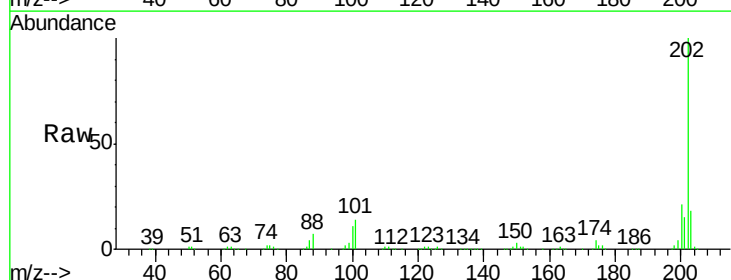
Tgt Ion:202 Resp: 729923

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.1

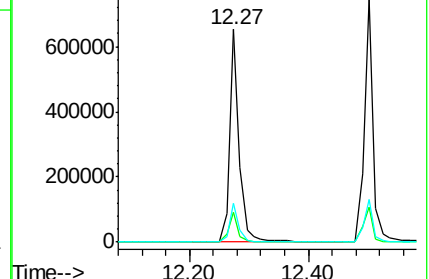
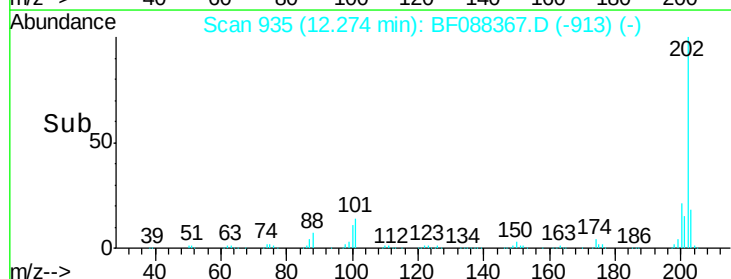
203 18.1 0.0 38.1

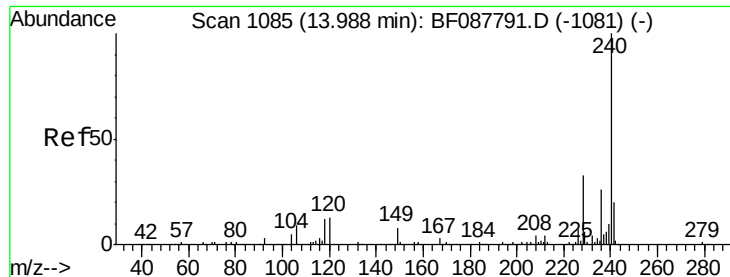


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.05 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

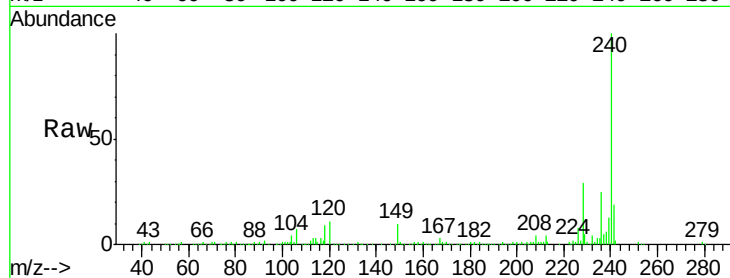
Tgt Ion:240 Resp: 258364

Ion Ratio Lower Upper

240 100

120 10.6 6.8 10.2#

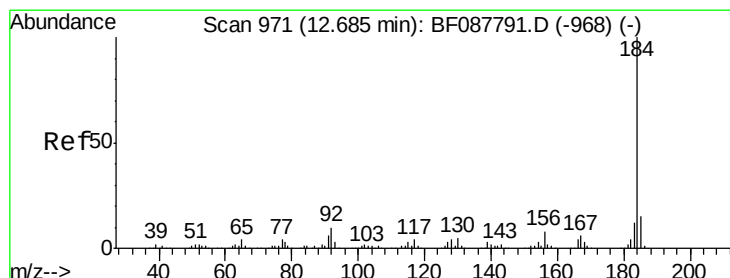
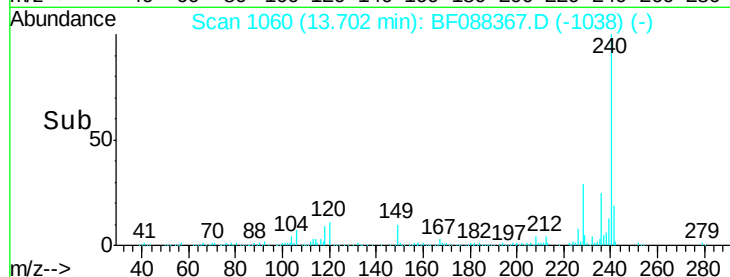
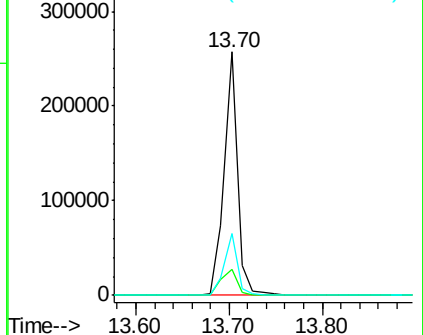
236 25.2 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.78 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.05 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

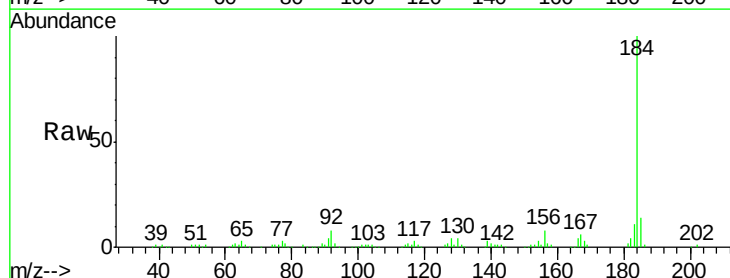
Tgt Ion:184 Resp: 227355

Ion Ratio Lower Upper

184 100

185 14.2 12.5 18.7

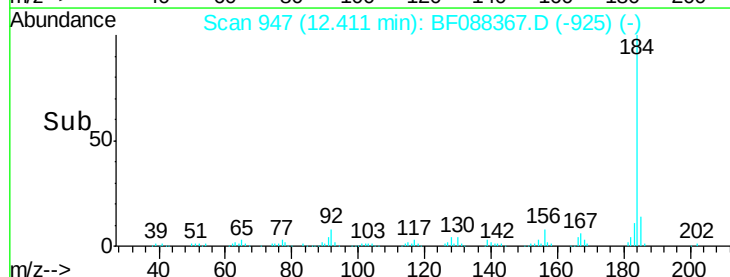
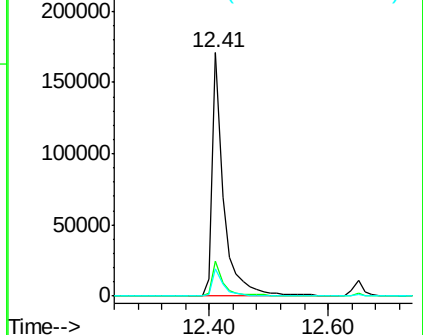
183 11.2 9.3 13.9

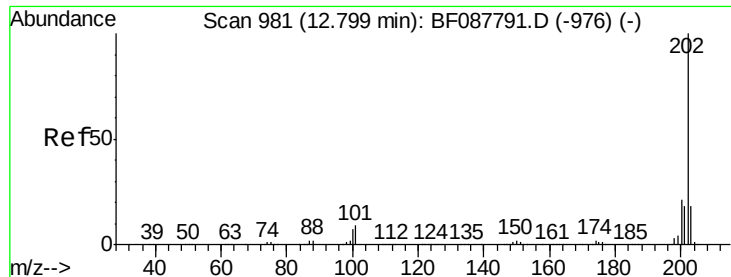


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

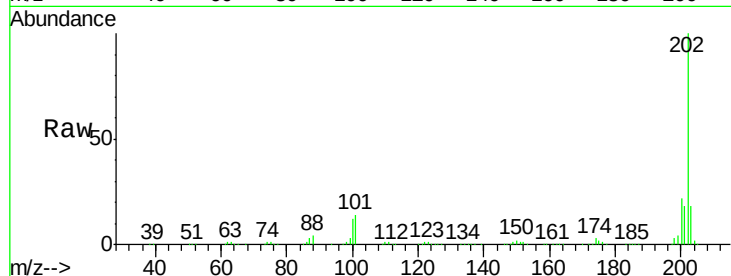




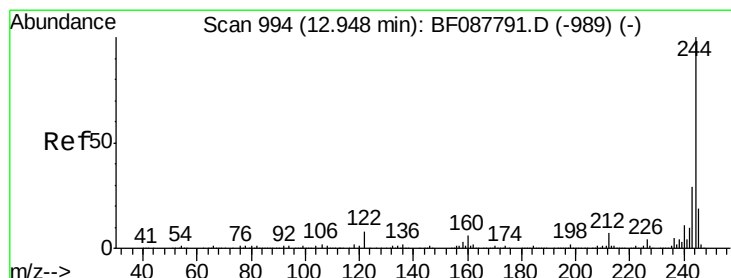
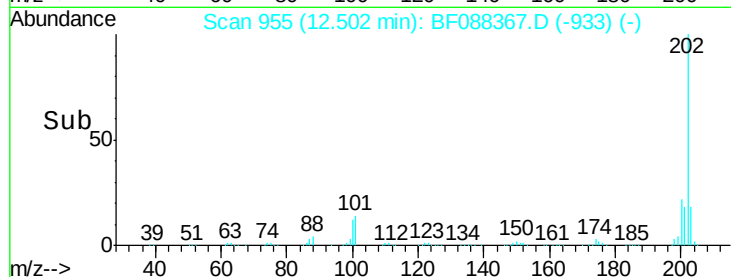
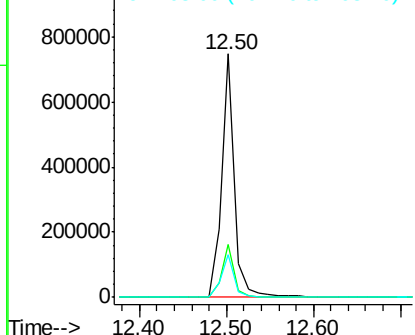
#77
Pyrene
 Concen: 39.94 ng
 RT: 12.50 min Scan# 955
 Delta R.T. -0.05 min
 Lab File: BF088367.D
 Acq: 25 Jun 2016 10:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.7	14.5	21.7

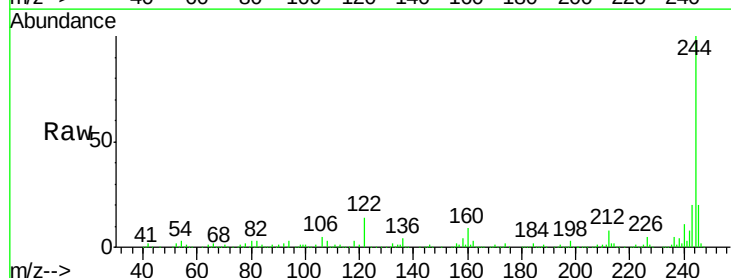


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

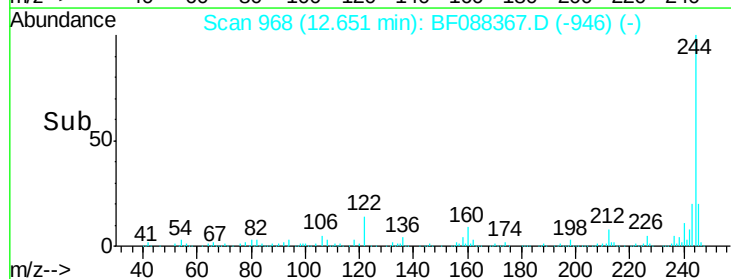
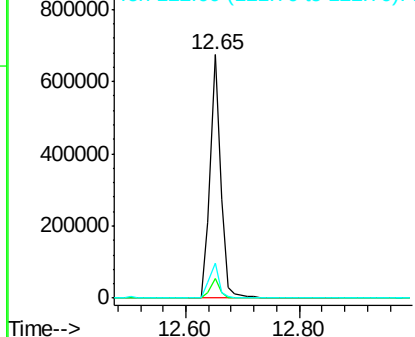


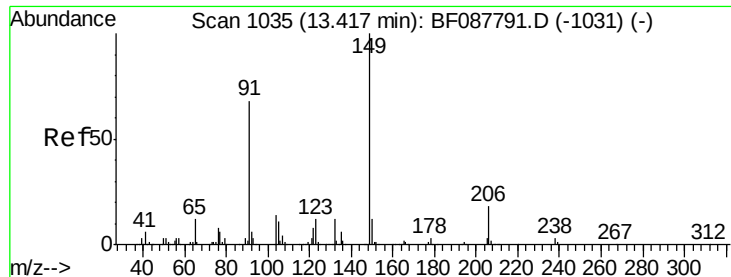
#78
Terphenyl-d14
 Concen: 74.39 ng
 RT: 12.65 min Scan# 968
 Delta R.T. -0.05 min
 Lab File: BF088367.D
 Acq: 25 Jun 2016 10:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	14.4	11.2	16.8



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

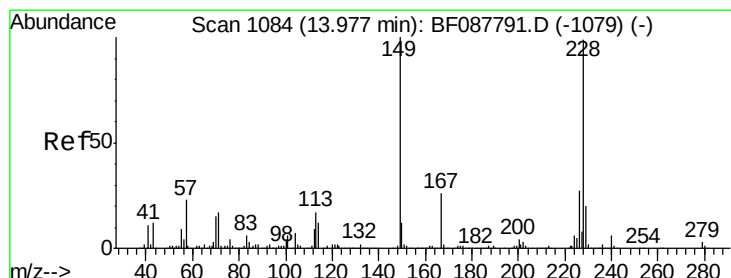
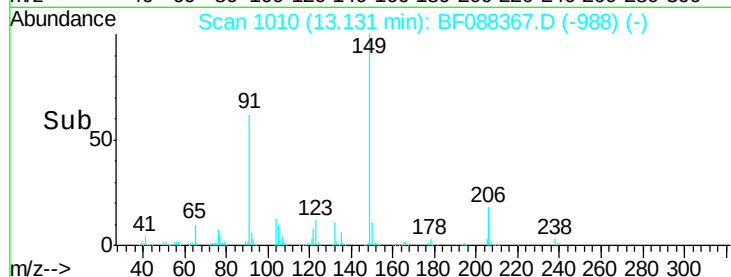
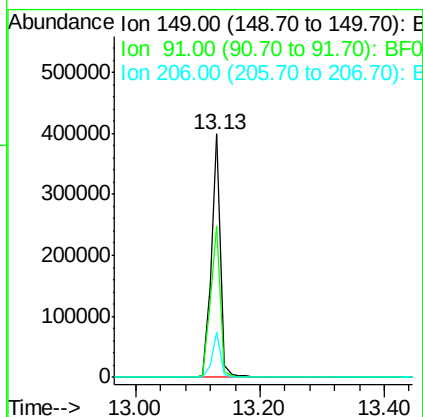
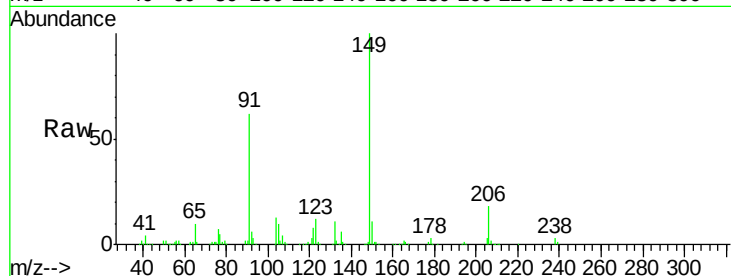




#79
Butylbenzylphthalate
Concen: 47.43 ng
RT: 13.13 min Scan# 1010
Delta R.T. -0.05 min
Lab File: BF088367.D
Acq: 25 Jun 2016 10:29

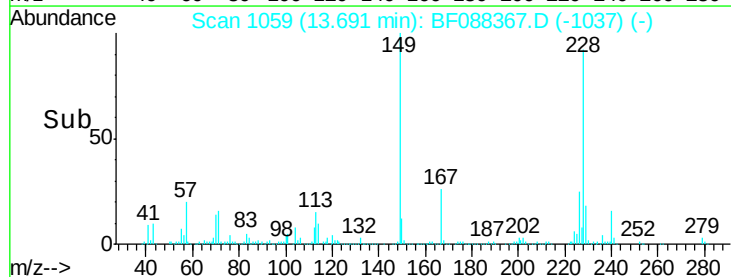
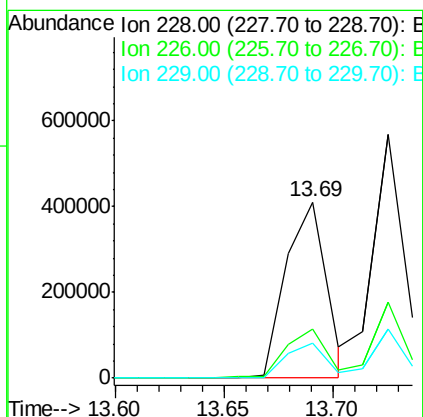
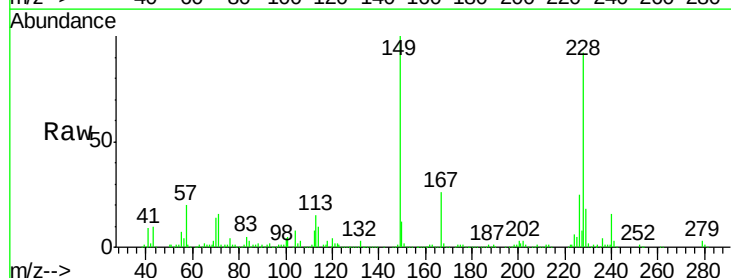
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

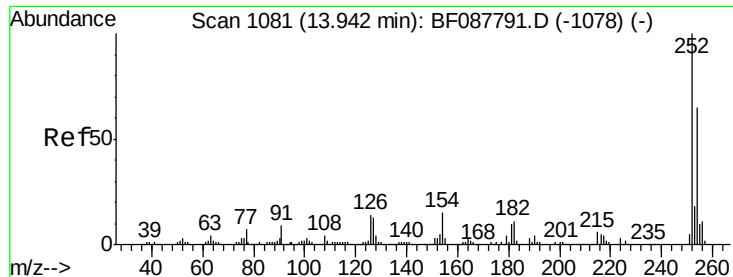
Tgt Ion:149 Resp: 402009
Ion Ratio Lower Upper
149 100
91 62.3 48.0 72.0
206 18.4 16.0 24.0



#80
Benzo(a)anthracene
Concen: 36.55 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.05 min
Lab File: BF088367.D
Acq: 25 Jun 2016 10:29

Tgt Ion:228 Resp: 538073
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 20.0 16.0 24.0

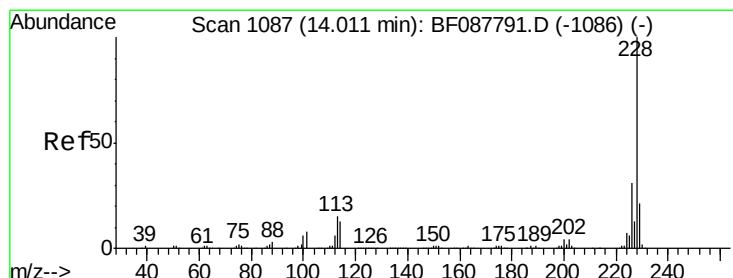
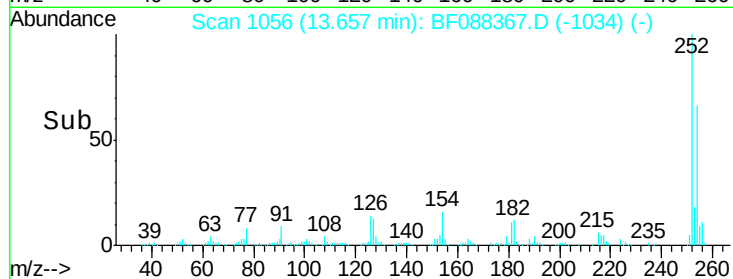
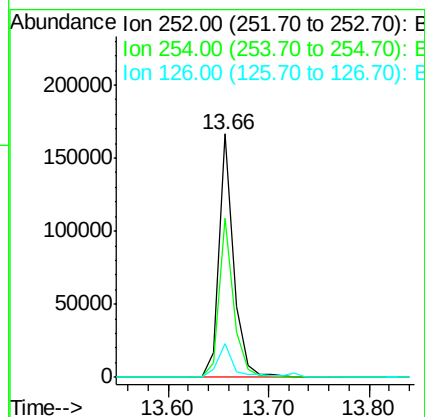
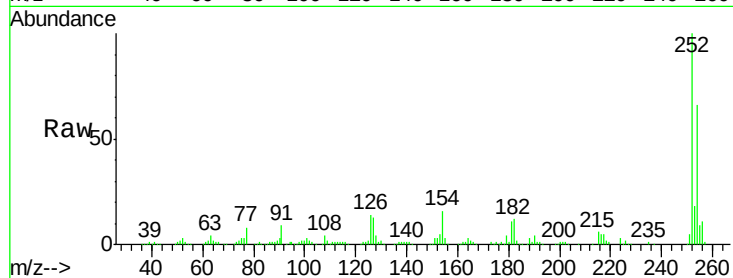




#81
 3,3'-Dichlorobenzidine
 Concen: 42.72 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.05 min
 Lab File: BF088367.D
 Acq: 25 Jun 2016 10:29

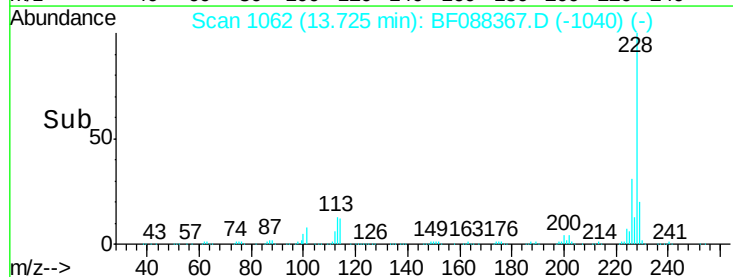
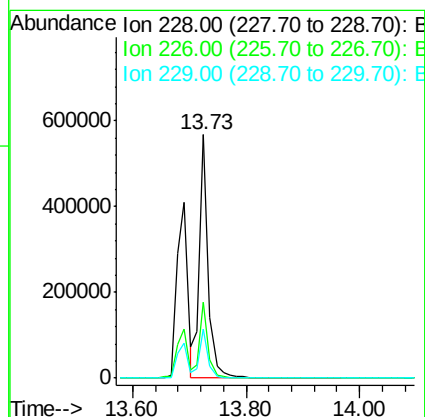
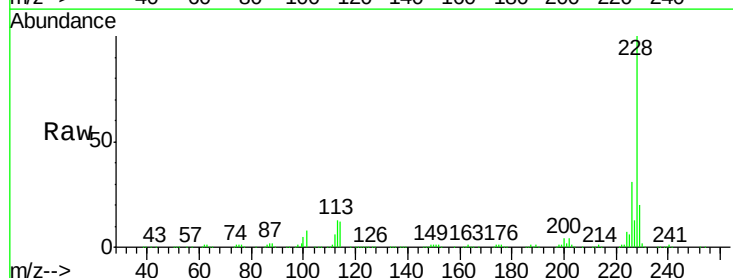
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

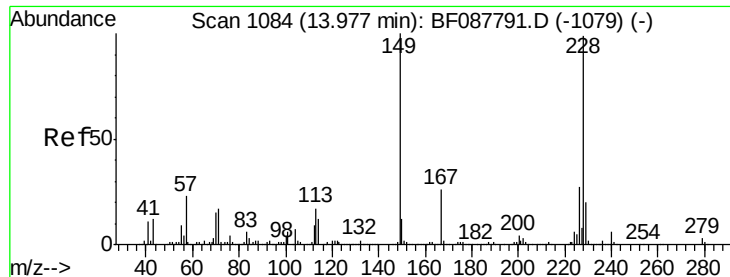
Tgt Ion: 252 Resp: 169135
 Ion Ratio Lower Upper
 252 100
 254 65.5 52.6 78.8
 126 14.0 6.2 9.2#



#82
 Chrysene
 Concen: 43.68 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.05 min
 Lab File: BF088367.D
 Acq: 25 Jun 2016 10:29

Tgt Ion: 228 Resp: 604983
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.4 38.2
 229 20.2 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.89 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.05 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

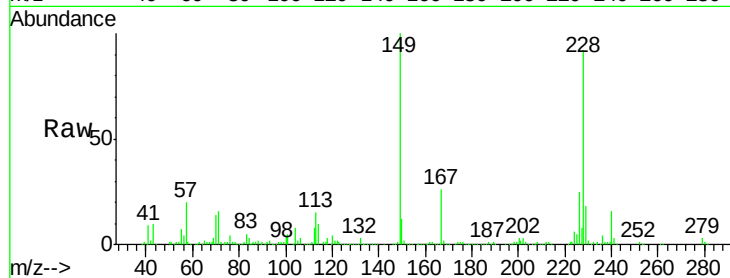
Tgt Ion:149 Resp: 442539

Ion Ratio Lower Upper

149 100

167 25.7 20.5 30.7

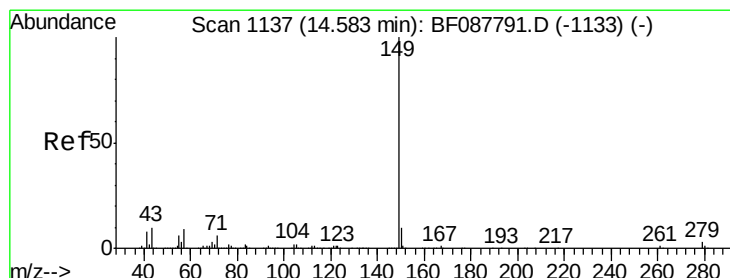
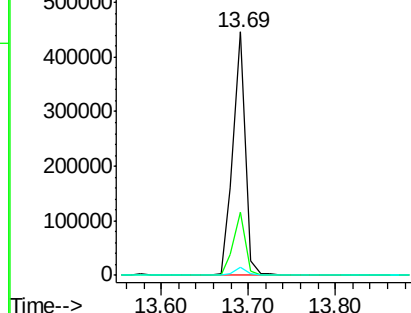
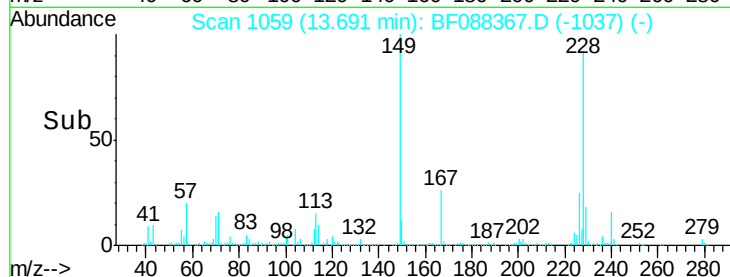
279 3.3 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.52 ng

RT: 14.30 min Scan# 1112

Delta R.T. -0.05 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

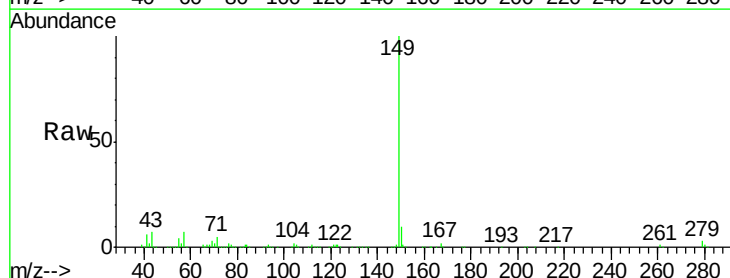
Tgt Ion:149 Resp: 796787

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

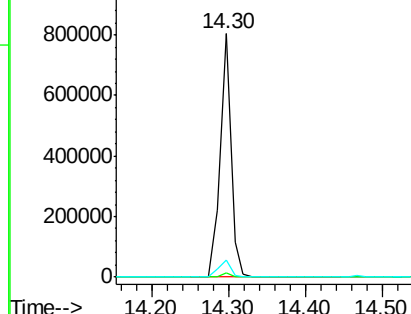
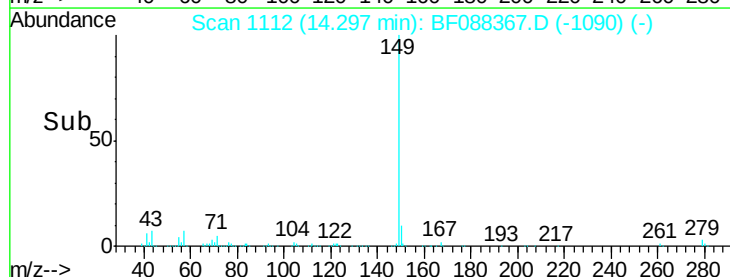
43 7.7 0.0 0.0#

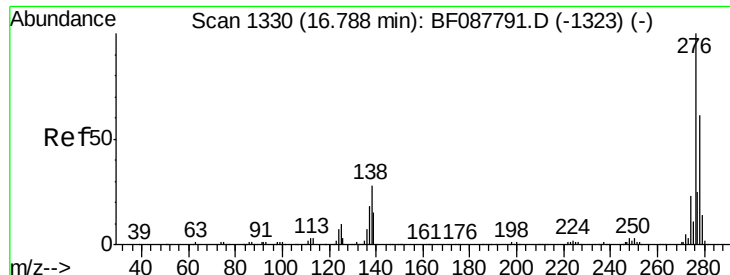


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

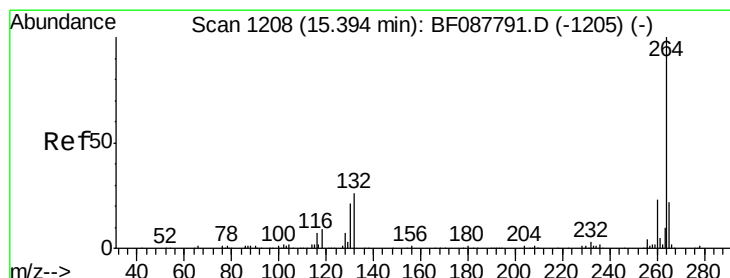
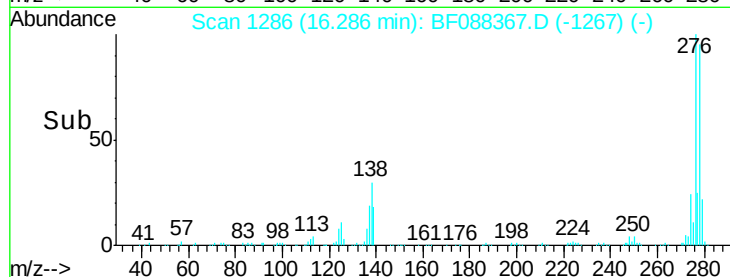
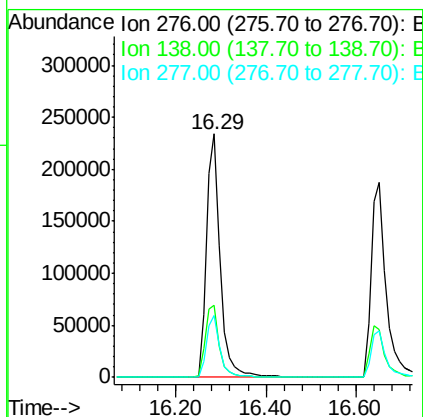
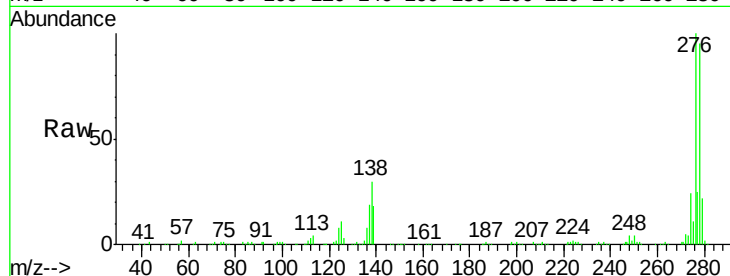




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.45 ng
 RT: 16.29 min Scan# 1286
 Delta R.T. -0.08 min
 Lab File: BF088367.D
 Acq: 25 Jun 2016 10:29

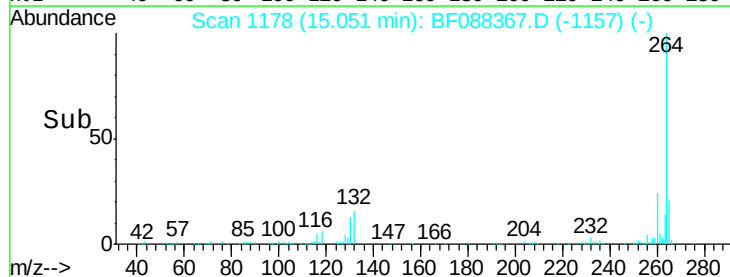
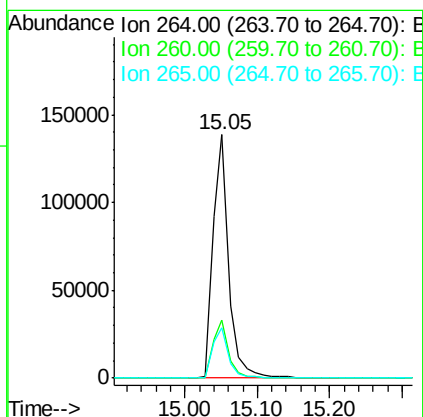
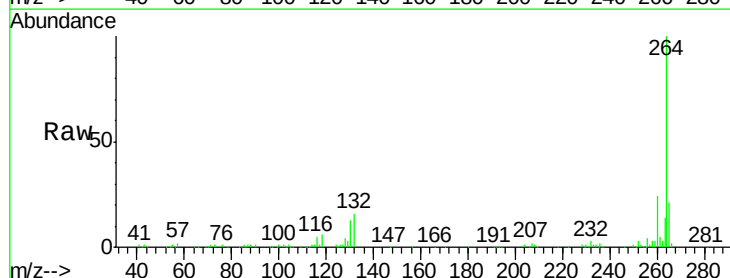
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

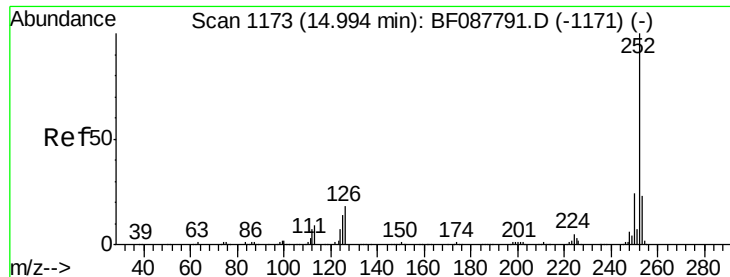
Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.3	0.0	0.0#
277	25.0	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.06 min
 Lab File: BF088367.D
 Acq: 25 Jun 2016 10:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.7	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 67.78 ng

RT: 14.69 min Scan# 1146

Delta R.T. -0.06 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

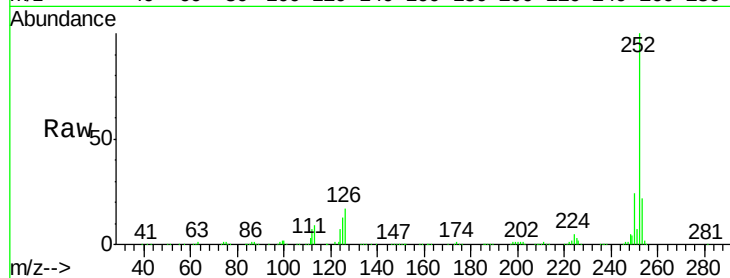
Tgt Ion:252 Resp: 973271

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

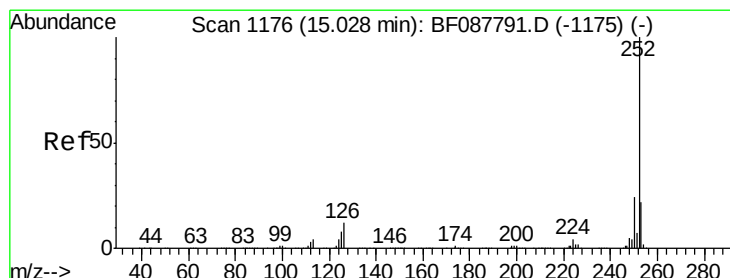
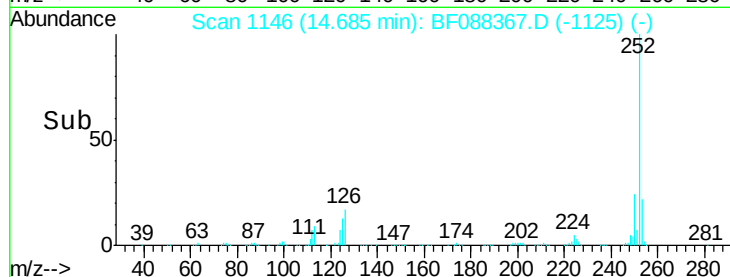
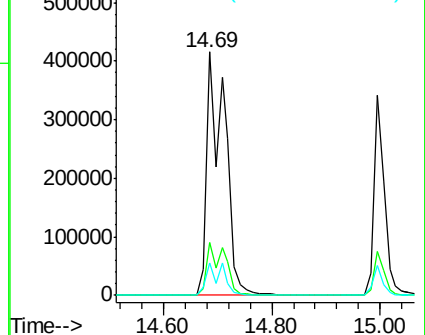
125 13.1 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 89.89 ng

RT: 14.69 min Scan# 1146

Delta R.T. -0.08 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

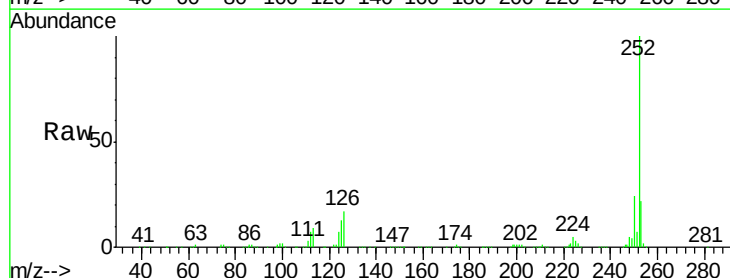
Tgt Ion:252 Resp: 973724

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

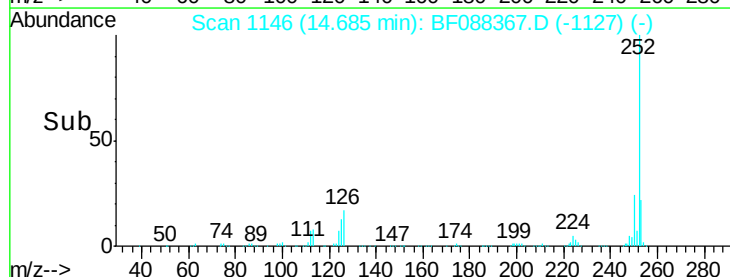
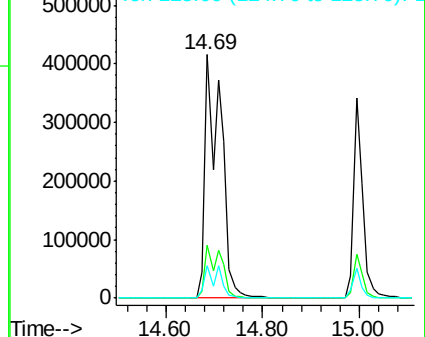
125 13.1 11.2 16.8

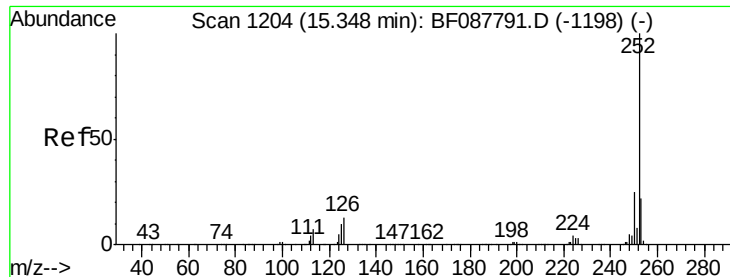


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.92 ng

RT: 14.99 min Scan# 1173

Delta R.T. -0.06 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

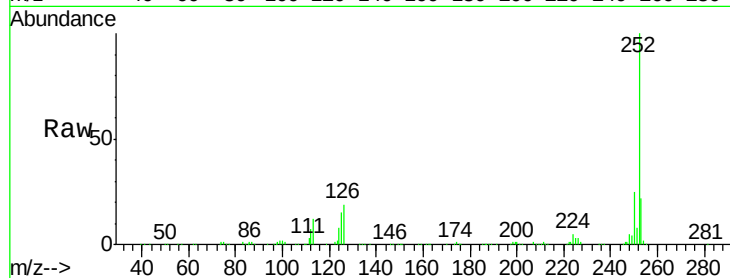
Tgt Ion:252 Resp: 452183

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

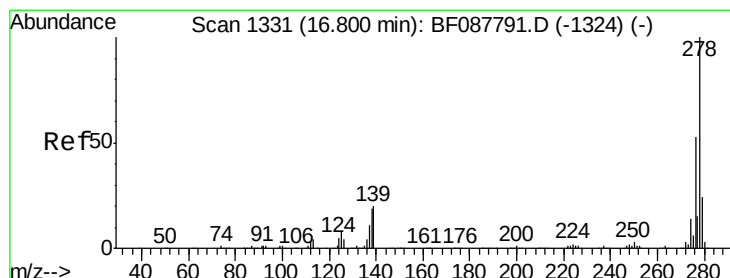
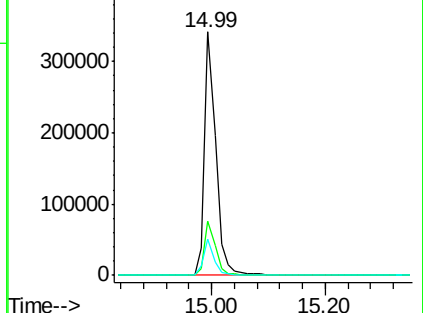
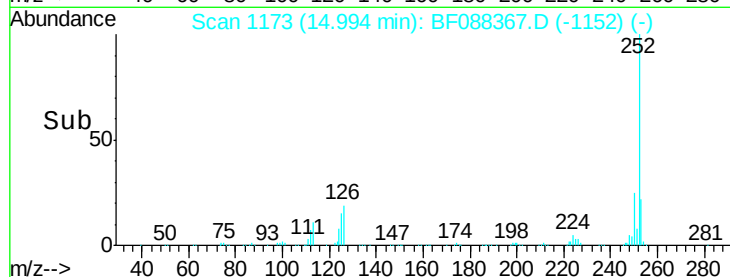
125 15.0 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.98 ng

RT: 16.29 min Scan# 1286

Delta R.T. -0.08 min

Lab File: BF088367.D

Acq: 25 Jun 2016 10:29

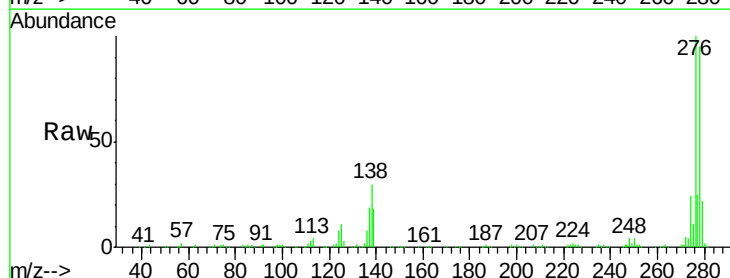
Tgt Ion:278 Resp: 409829

Ion Ratio Lower Upper

278 100

139 18.9 15.7 23.5

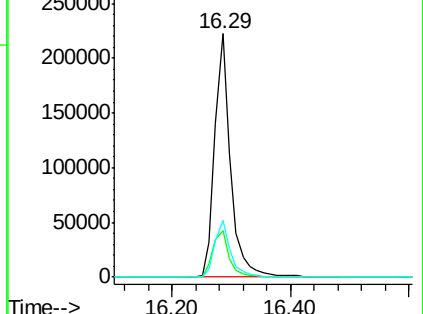
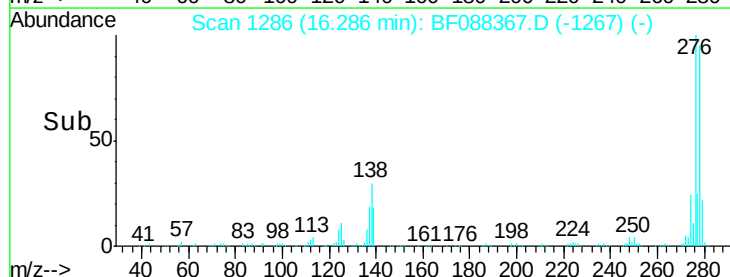
279 23.5 19.4 29.2

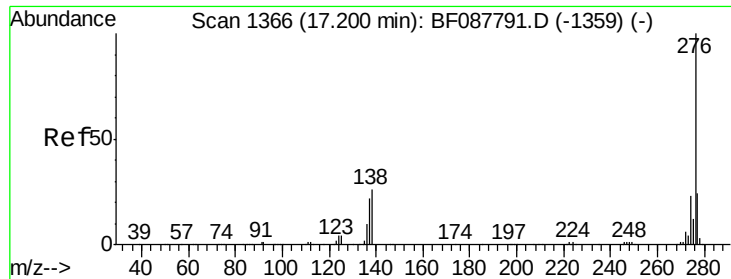


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.64 ng

RT: 16.65 min Scan# 1318

Delta R.T. -0.09 min

Lab File: BF088367.D

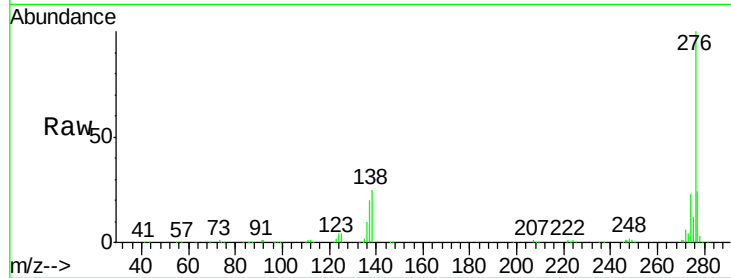
Acq: 25 Jun 2016 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



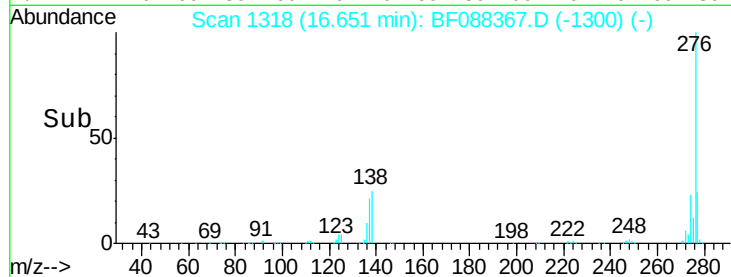
Tgt Ion: 276 Resp: 439973

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 24.8 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

16.65

