

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080216\
 Data File : BF089540.D
 Acq On : 2 Aug 2016 11:46
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 03 11:08:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	47480m	20.00	ng	-0.08
21) Naphthalene-d8	7.76	136	206813	20.00	ng	-0.07
38) Acenaphthene-d10	9.51	164	97271	20.00	ng	-0.07
63) Phenanthrene-d10	10.97	188	187411	20.00	ng	-0.08
75) Chrysene-d12	13.60	240	130241	20.00	ng	-0.07
86) Perylene-d12	14.93	264	102068	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.03	112	250756	84.33	ng	-0.08
7) Phenol-d6	6.14	99	317083	80.69	ng	-0.07
23) Nitrobenzene-d5	7.05	82	299362	85.44	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	65701	81.55	ng	-0.07
44) 2-Fluorobiphenyl	8.84	172	574813	86.72	ng	-0.07
78) Terphenyl-d14	12.56	244	496547	89.23	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.84	88	54124	40.19	ng	99
3) Pyridine	2.43	79	149922	51.53	ng	99
4) n-Nitrosodimethylamine	2.40	42	53070	44.90	ng	91
6) Aniline	6.14	93	216693m	51.07	ng	
8) 2-Chlorophenol	6.26	128	141424	42.05	ng	98
9) Benzaldehyde	6.01	77	64146	33.43	ng	92
10) Phenol	6.16	94	185949	42.88	ng	82
11) bis(2-Chloroethyl)ether	6.23	93	147808	40.12	ng	99
12) 1,3-Dichlorobenzene	6.41	146	150636m	42.81	ng	
13) 1,4-Dichlorobenzene	6.49	146	163438m	42.09	ng	
14) 1,2-Dichlorobenzene	6.64	146	141470	38.89	ng	# 93
15) Benzyl Alcohol	6.64	79	116641	47.83	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.76	45	168190	41.85	ng	# 64
17) 2-Methylphenol	6.76	107	102709	39.51	ng	95
18) Hexachloroethane	6.98	117	63086	42.38	ng	# 91
19) n-Nitroso-di-n-propylamine	6.91	70	108155	45.64	ng	93
20) 3+4-Methylphenols	6.92	107	139321	41.73	ng	# 84
22) Acetophenone	6.90	105	212774	43.22	ng	# 97
24) Nitrobenzene	7.07	77	162985	40.87	ng	98
25) Isophorone	7.31	82	273968	38.82	ng	96
26) 2-Nitrophenol	7.39	139	70034	39.28	ng	94
27) 2,4-Dimethylphenol	7.45	122	124485	43.83	ng	95
28) bis(2-Chloroethoxy)methane	7.54	93	173229	44.34	ng	# 97
29) 2,4-Dichlorophenol	7.64	162	107639	41.59	ng	94
30) 1,2,4-Trichlorobenzene	7.71	180	122131	41.36	ng	100
31) Naphthalene	7.78	128	406425	39.68	ng	99
32) Benzoic acid	7.62	122	85071	42.98	ng	93
33) 4-Chloroaniline	7.85	127	179784	46.11	ng	99
34) Hexachlorobutadiene	7.91	225	71252	42.13	ng	98
35) Caprolactam	8.24	113	34896	44.67	ng	98
36) 4-Chloro-3-methylphenol	8.35	107	134666	43.78	ng	92
37) 2-Methylnaphthalene	8.48	142	253946	41.15	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.64	216	128644	37.79	ng	100
40) Hexachlorocyclopentadiene	8.63	237	30355	36.71	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080216\
 Data File : BF089540.D
 Acq On : 2 Aug 2016 11:46
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 03 11:08:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	72542	44.82	nq	98
43) 2,4,5-Trichlorophenol	8.81	196	74235	36.21	nq	96
45) 1,1'-Biphenyl	8.94	154	311103	37.56	nq	99
46) 2-Chloronaphthalene	8.96	162	260613	41.90	nq	99
47) 2-Nitroaniline	9.07	65	85603	46.47	nq	97
48) Acenaphthylene	9.37	152	418909	42.76	nq	100
49) Dimethylphthalate	9.26	163	297317	40.16	nq	100
50) 2,6-Dinitrotoluene	9.31	165	60616	39.85	nq	# 78
51) Acenaphthene	9.54	154	245382	42.89	nq	99
52) 3-Nitroaniline	9.48	138	80078	49.89	nq	93
53) 2,4-Dinitrophenol	9.60	184	24202	45.53	nq	95
54) Dibenzofuran	9.71	168	324400	41.61	nq	95
55) 4-Nitrophenol	9.68	139	25551m	36.34	nq	
56) 2,4-Dinitrotoluene	9.72	165	80856	40.38	nq	# 56
57) Fluorene	10.04	166	261586	38.44	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.84	232	59911	43.77	nq	97
59) Diethylphthalate	9.94	149	274357	36.56	nq	99
60) 4-Chlorophenyl-phenylether	10.04	204	117266	37.57	nq	# 77
61) 4-Nitroaniline	10.10	138	74539	45.05	nq	87
62) Azobenzene	10.20	77	311847	40.35	nq	96
64) 4,6-Dinitro-2-methylphenol	10.12	198	44130	39.83	nq	# 46
65) n-Nitrosodiphenylamine	10.17	169	233932	40.00	nq	99
66) 4-Bromophenyl-phenylether	10.54	248	68263	38.15	nq	# 90
67) Hexachlorobenzene	10.59	284	72116	39.33	nq	93
68) Atrazine	10.71	200	71047	39.55	nq	97
69) Pentachlorophenol	10.80	266	31099	38.41	nq	98
70) Phenanthrene	11.00	178	381799	39.50	nq	98
71) Anthracene	11.05	178	425493	39.59	nq	100
72) Carbazole	11.21	167	362026	40.02	nq	98
73) Di-n-butylphthalate	11.55	149	424273	34.96	nq	99
74) Fluoranthene	12.17	202	404825	39.82	nq	94
76) Benzidine	12.31	184	186662	38.79	nq	96
77) Pyrene	12.40	202	412090	41.75	nq	100
79) Butylbenzylphthalate	13.04	149	203647	45.38	nq	92
80) Benzo(a)anthracene	13.59	228	312080	42.46	nq	99
81) 3,3'-Dichlorobenzidine	13.55	252	105985	40.07	nq	# 96
82) Chrysene	13.62	228	334603	42.77	nq	99
83) Bis(2-ethylhexyl)phthalate	13.60	149	253979	39.15	nq	99
84) Di-n-octyl phthalate	14.21	149	411799	40.68	nq	98
85) Indeno(1,2,3-cd)pyrene	16.08	276	213692	38.42	nq	99
87) Benzo(b)fluoranthene	14.58	252	288787m	45.56	nq	
88) Benzo(k)fluoranthene	14.61	252	224275m	38.48	nq	
89) Benzo(a)pyrene	14.87	252	226636	39.86	nq	100
90) Dibenzo(a,h)anthracene	16.09	278	182728	40.79	nq	96
91) Benzo(g,h,i)perylene	16.42	276	188032	42.70	nq	98

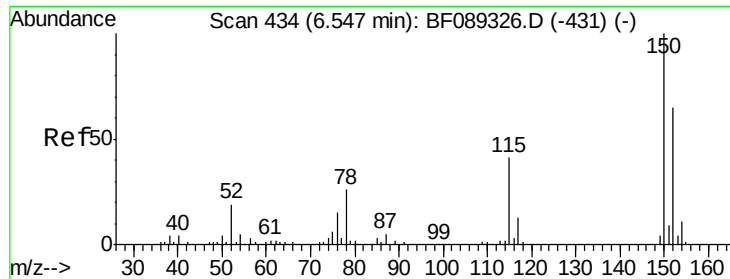
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Abundance

TIC: BF089540.D

Time-->

1,4-Dioxane
n-Nitrosodimethylamine,
Benzaldehyde
Phthalic acid
1,4-Dichlorobenzene-d4
1,3-Dichlorobenzene C
Nitrobenzene
Isophorone
2-Methoxyphenol
Benzoic acid
Naphthalene
Caprolactam
Hexachlorocyclopentadiene
2-Chloro-3-methylphenol C
2-Methylphthalate
2-Nitroaniline
2,6-Dinitrophenylphthalate
2,4-Dinitrophenol
2,3,4,6-Tetrachlorophenol
3-Nitroanisole
Acenaphthylene
Dibenzofuran
n-Nitrosodiphenylamine,c
Azobenzene
Pentachlorophenol,C
Phenanthrene
Carbazole
Di-n-butylphthalate
Fluoranthene,C
Pyrene
Terphenyl-d14,S
Butylbenzylphthalate
2,3-Dichlorobenzidine
Chrysene
Di-n-octyl phthalate,c
Benzo(b)fluoranthene
Benzo(a)pyrene,C
Perylene-d12,l
Dibenz(ah,g,h,i)perylene
Benzo(g,h,i)perylene



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/mL

RT: 6.47 min Scan# 427

Delta R.T. -0.08 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

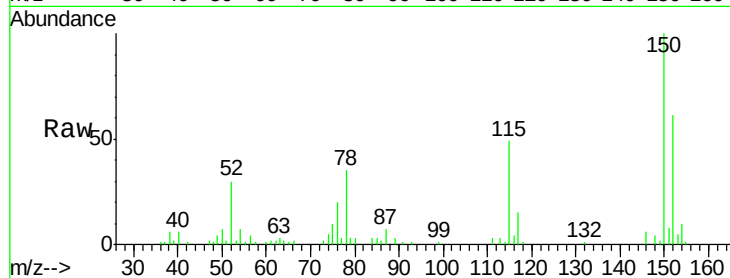
Tot Ion:152 Resp: 47480

Ion Ratio Lower Upper

152 100

150 164.6 129.5 194.3

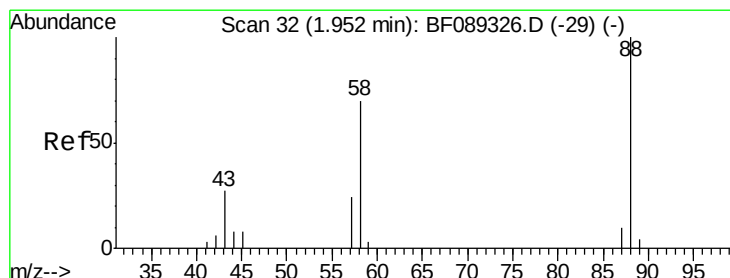
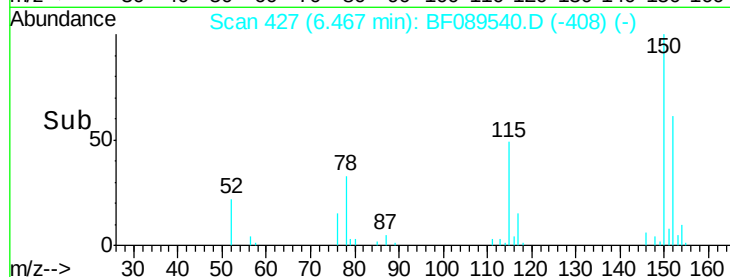
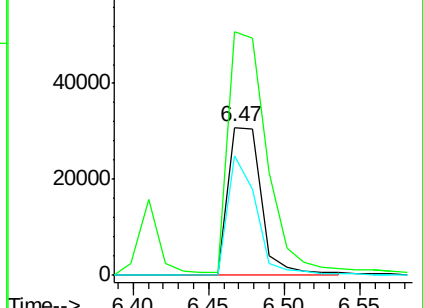
115 80.5 51.4 77.2#



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: 40.19 ng

RT: 1.84 min Scan# 22

Delta R.T. -0.11 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

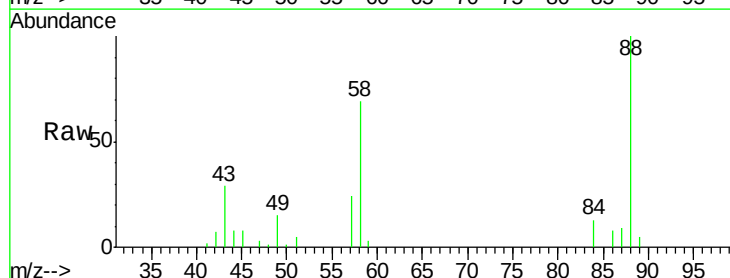
Tgt Ion: 88 Resp: 54124

Ion Ratio Lower Upper

88 100

58 66.0 53.2 79.8

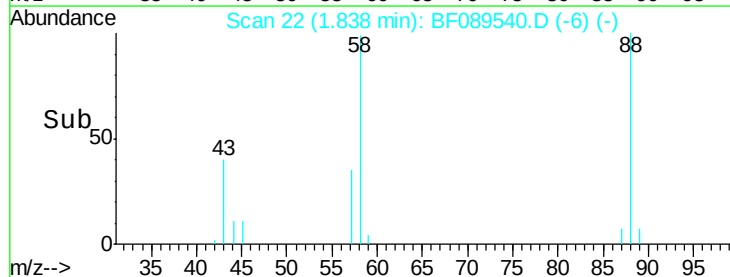
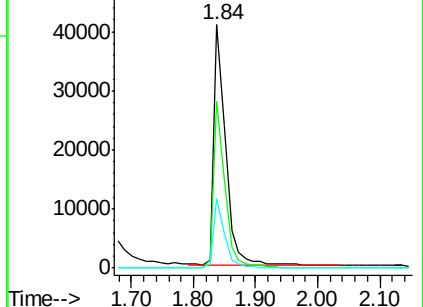
43 26.9 20.6 31.0

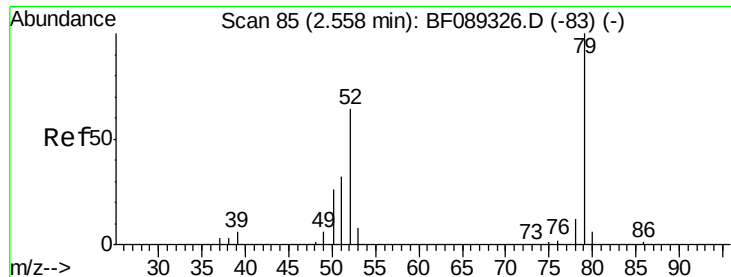


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 51.53 ng

RT: 2.43 min Scan# 74

Delta R.T. -0.14 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

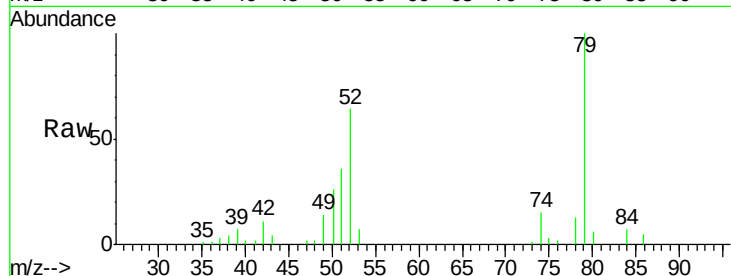
Tot Ion: 79 Resp: 149922

Ion Ratio Lower Upper

79 100

52 64.3 51.9 77.9

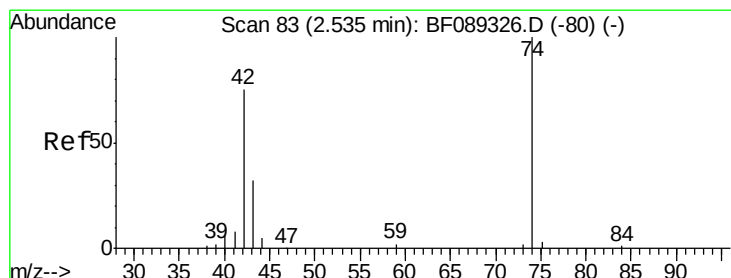
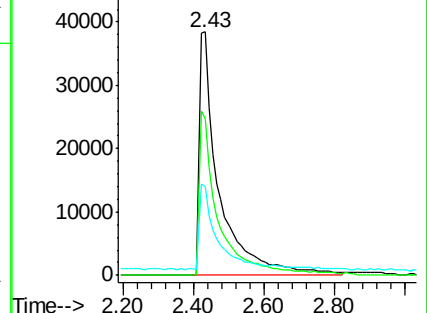
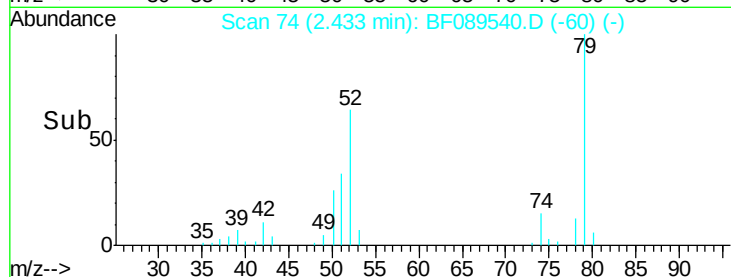
51 36.2 28.2 42.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 44.90 ng

RT: 2.40 min Scan# 71

Delta R.T. -0.14 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

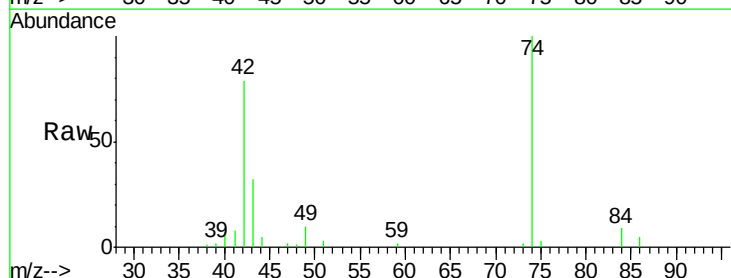
Tgt Ion: 42 Resp: 53070

Ion Ratio Lower Upper

42 100

74 127.3 110.8 166.2

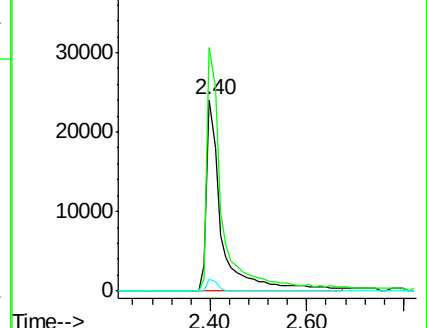
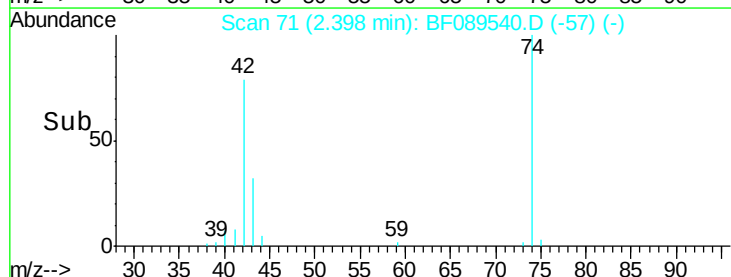
44 6.3 5.2 7.8

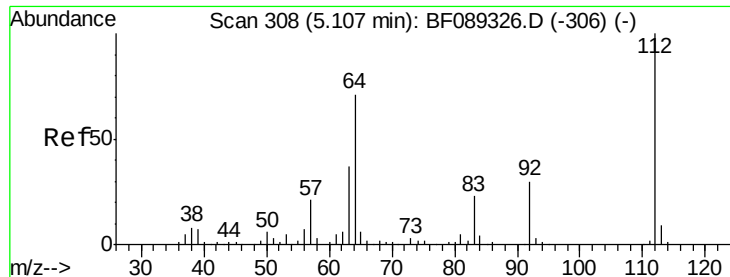


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 84.33 ng

RT: 5.03 min Scan# 301

Delta R.T. -0.08 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

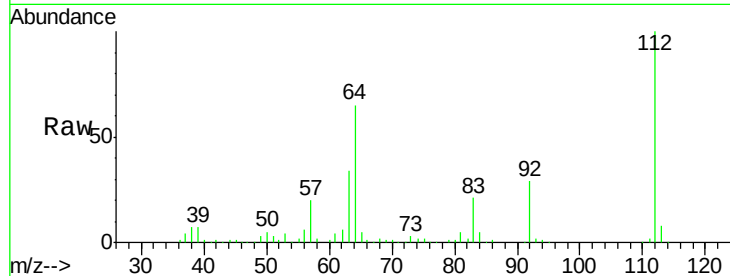
Tot Ion: 112 Resp: 250756

Ion Ratio Lower Upper

112 100

64 65.3 55.0 82.6

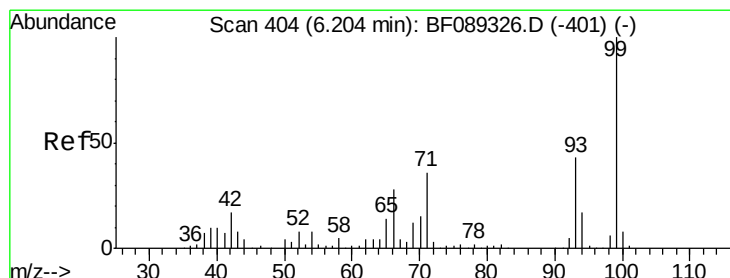
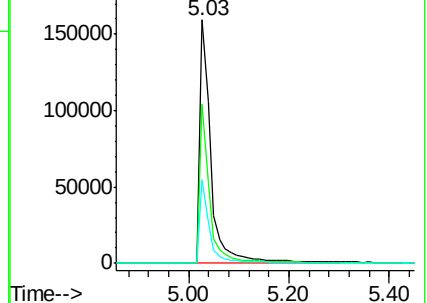
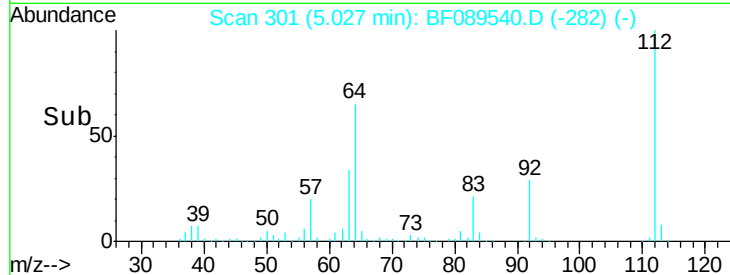
63 34.3 29.4 44.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 51.07 ng m

RT: 6.14 min Scan# 398

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

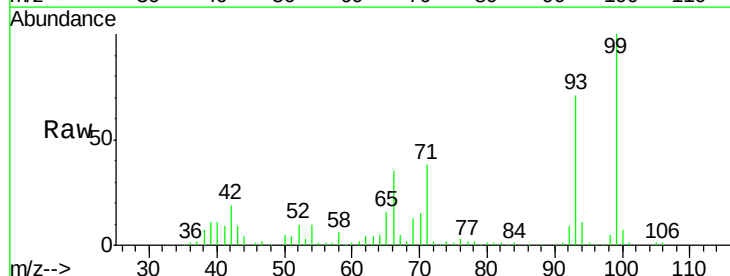
Tgt Ion: 93 Resp: 216693

Ion Ratio Lower Upper

93 100

66 49.0 51.6 77.4#

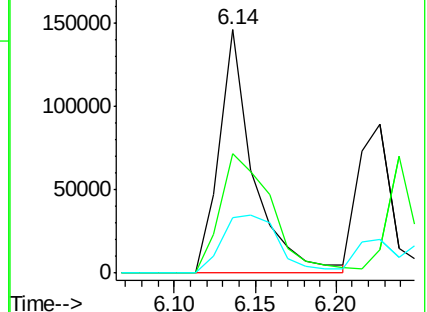
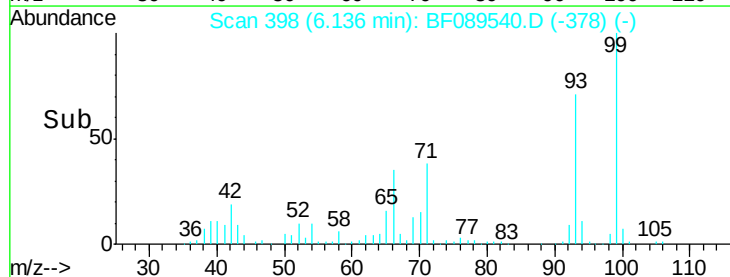
65 22.8 24.7 37.1#

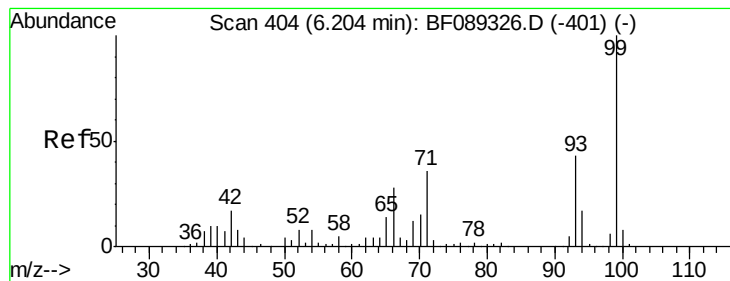


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.69 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

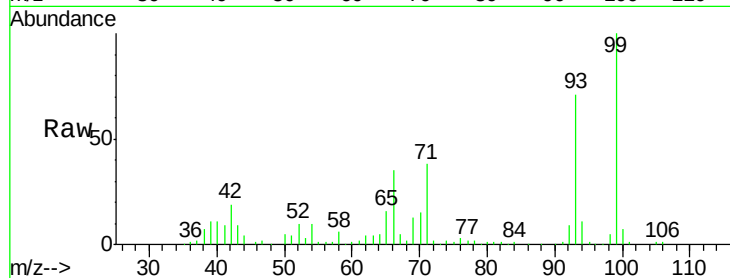
Tot Ion: 99 Resp: 317083

Ion Ratio Lower Upper

99 100

42 18.9 13.6 20.4

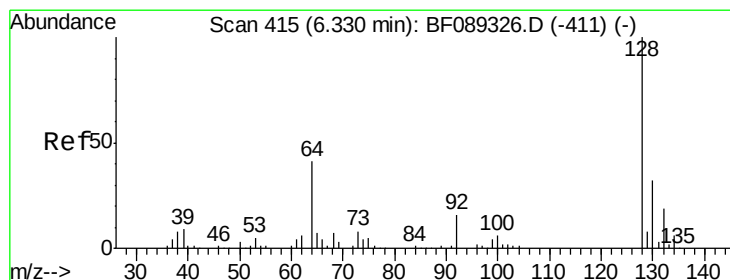
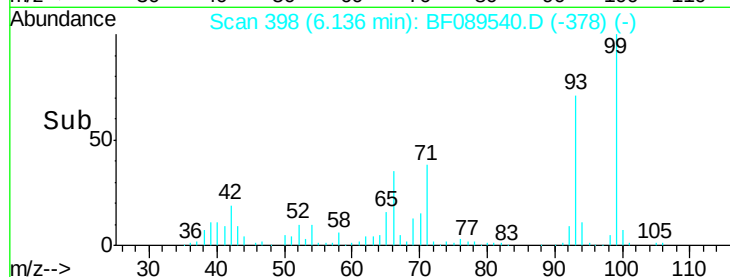
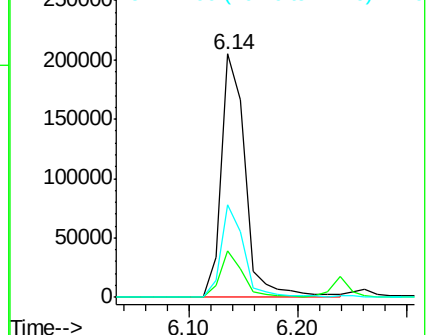
71 37.9 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.05 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

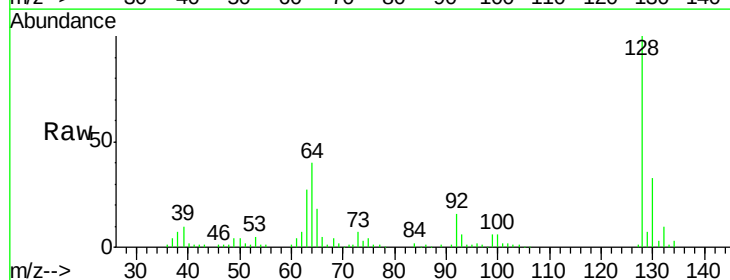
Tgt Ion: 128 Resp: 141424

Ion Ratio Lower Upper

128 100

130 33.0 12.6 52.6

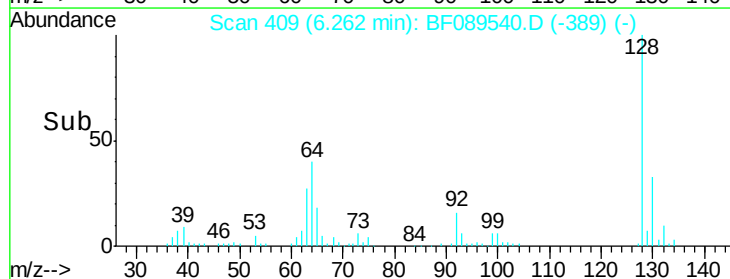
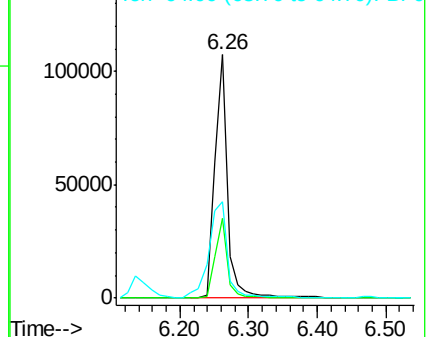
64 39.8 22.1 62.1

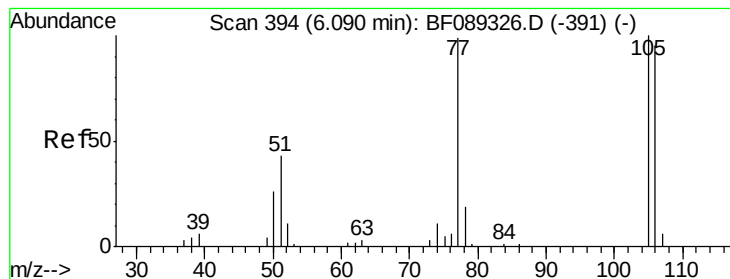


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 33.43 ng

RT: 6.01 min Scan# 387

Delta R.T. -0.08 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

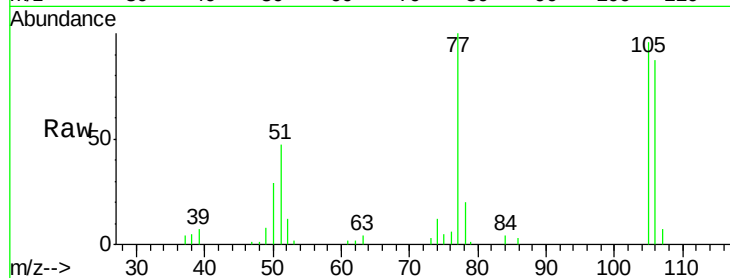
Tot Ion: 77 Resp: 64146

Ion Ratio Lower Upper

77 100

105 96.2 82.9 122.9

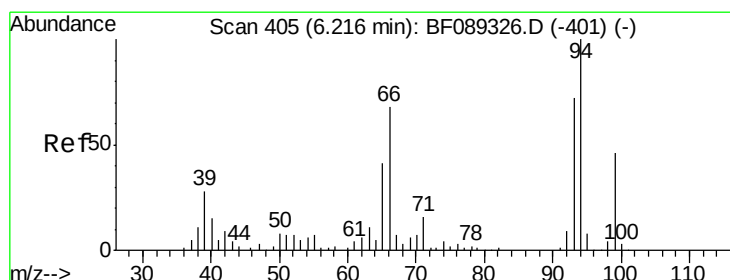
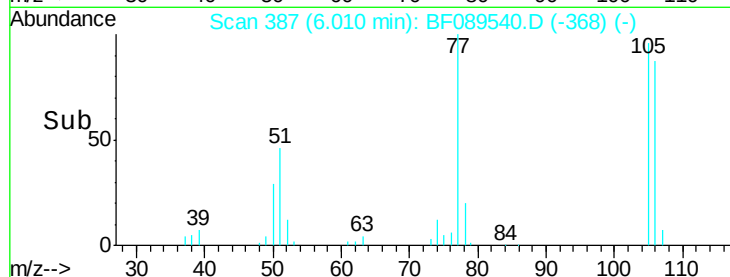
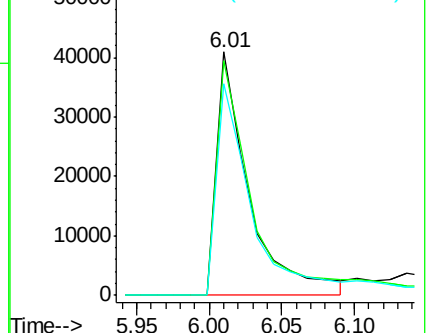
106 86.9 75.9 115.9



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: 42.88 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.06 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

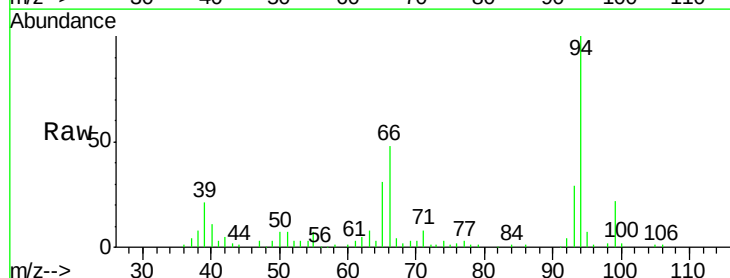
Tgt Ion: 94 Resp: 185949

Ion Ratio Lower Upper

94 100

65 30.7 19.1 59.1

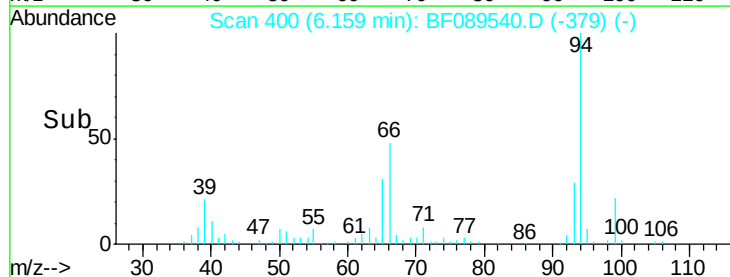
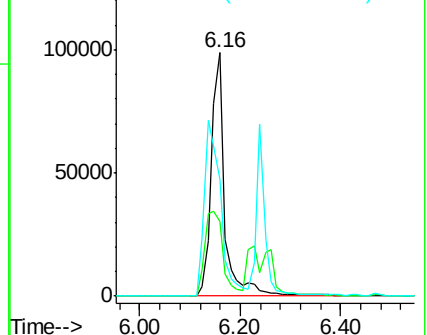
66 47.8 44.4 84.4

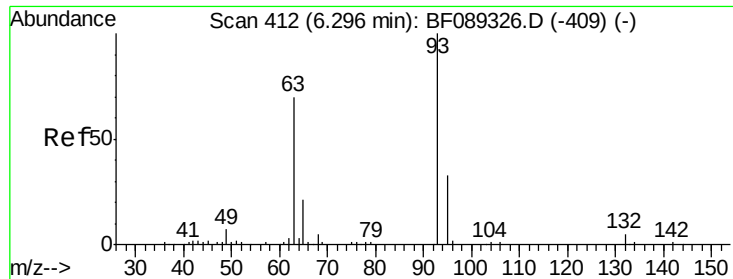


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.12 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

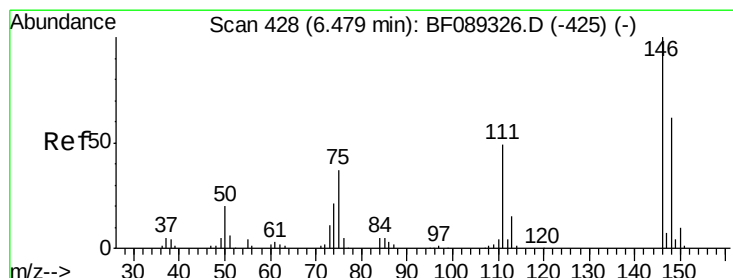
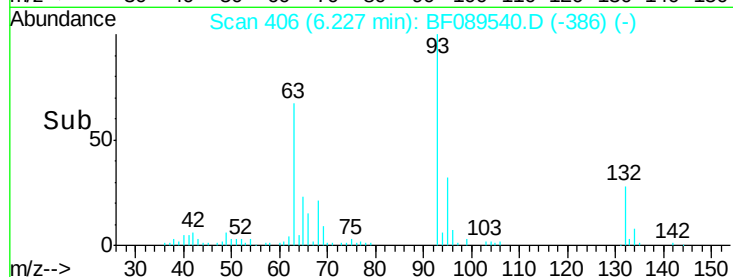
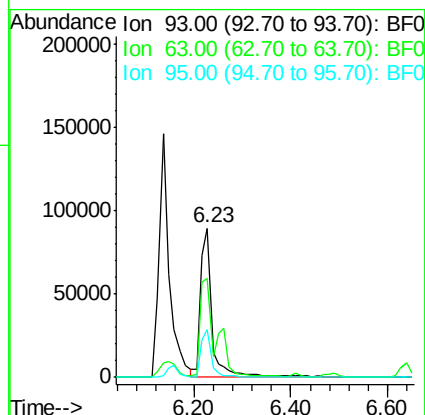
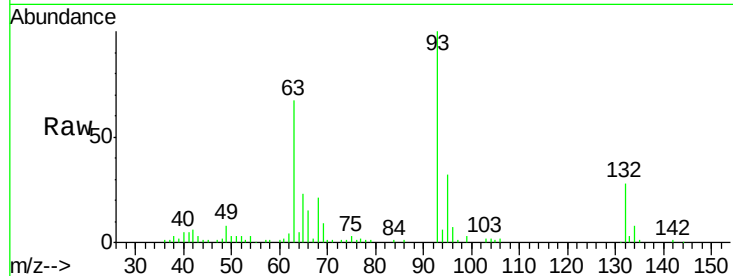
Tot Ion: 93 Resp: 147808

Ion Ratio Lower Upper

93 100

63 66.6 45.6 85.6

95 31.8 11.1 51.1



#12

1,3-Dichlorobenzene

Concen: 42.81 ng m

RT: 6.41 min Scan# 422

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

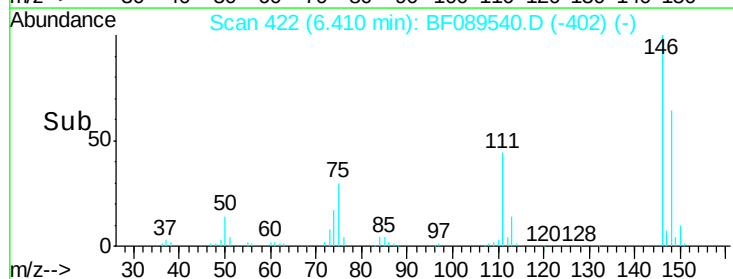
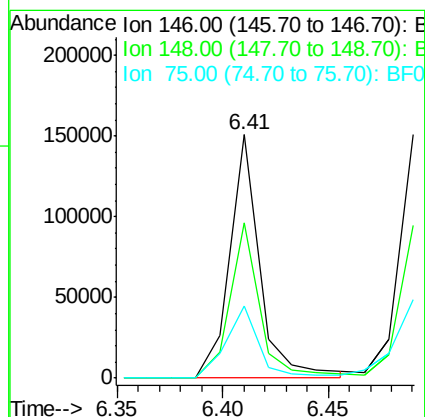
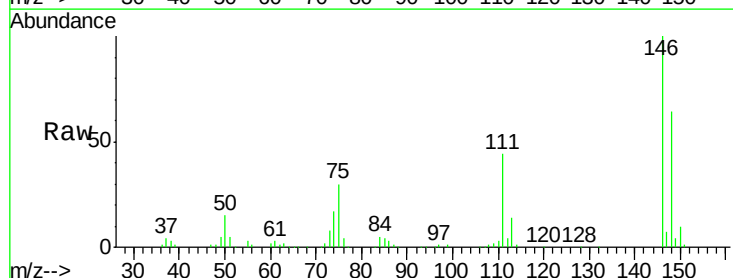
Tgt Ion: 146 Resp: 150636

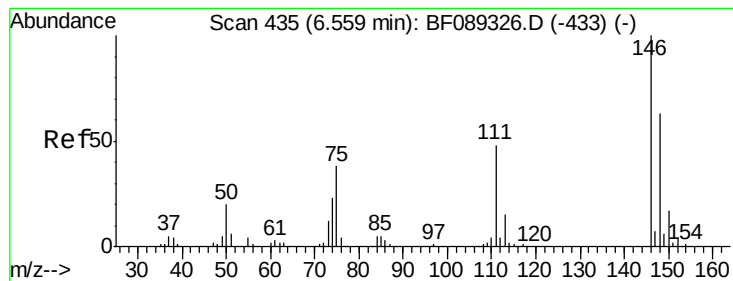
Ion Ratio Lower Upper

146 100

148 63.8 50.5 75.7

75 29.7 30.0 45.0#





#13

1,4-Dichlorobenzene

Concen: 42.09 ng/mL

RT: 6.49 min Scan# 429

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Instrument :

BNA_F

ClientSampleID :

SSTDCCC040

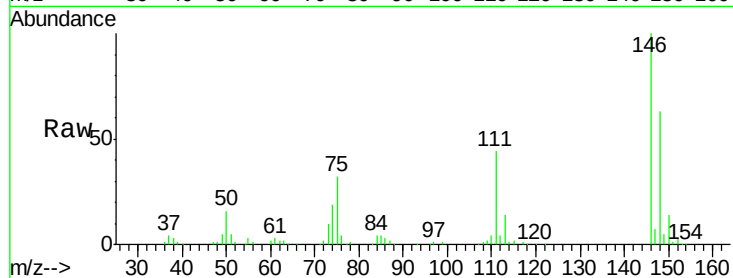
Tot Ion:146 Resp: 163438

Ion Ratio Lower Upper

146 100

148 62.7 50.8 76.2

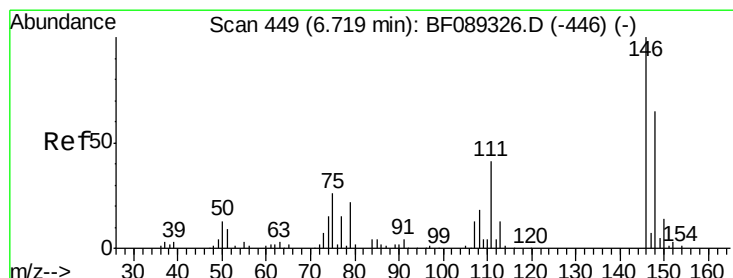
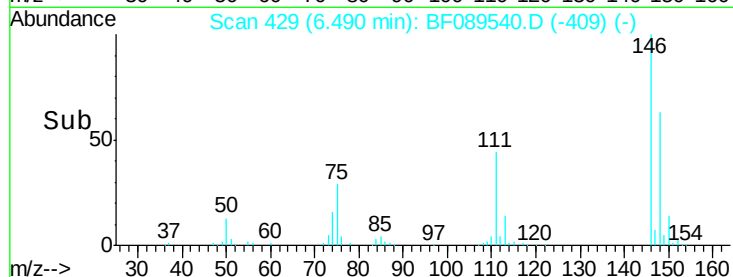
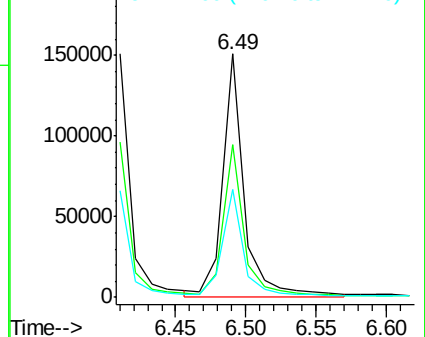
111 44.4 38.6 57.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.89 ng/mL

RT: 6.64 min Scan# 442

Delta R.T. -0.08 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

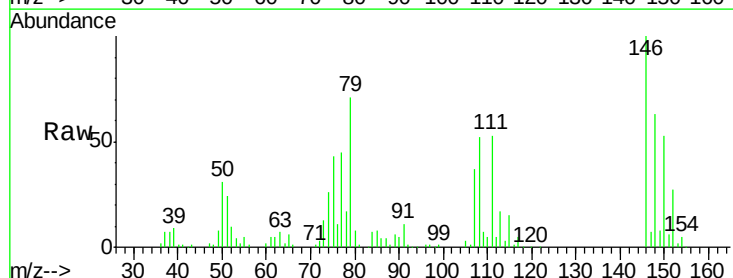
Tgt Ion:146 Resp: 141470

Ion Ratio Lower Upper

146 100

148 62.9 50.4 75.6

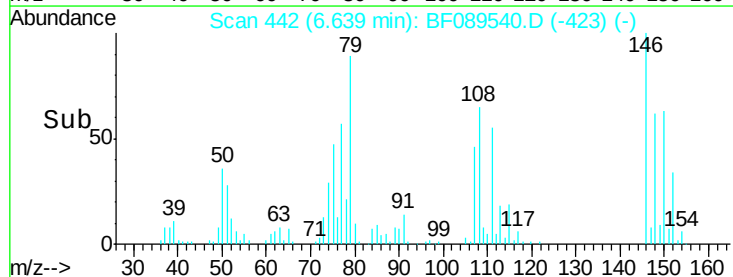
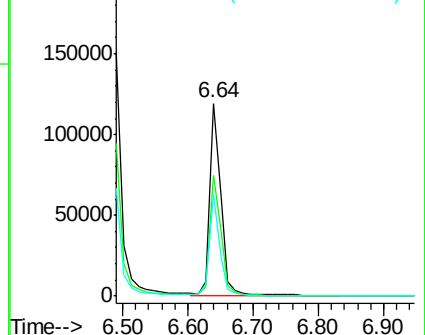
111 52.6 33.0 49.4#

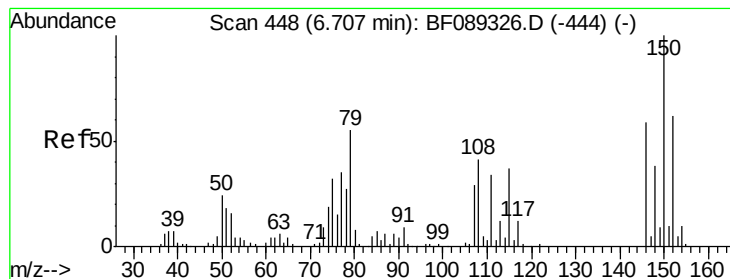


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.83 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

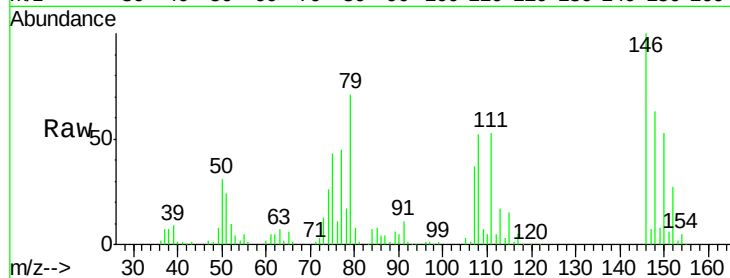
Tot Ion: 79 Resp: 116641

Ion Ratio Lower Upper

79 100

108 73.2 59.8 89.6

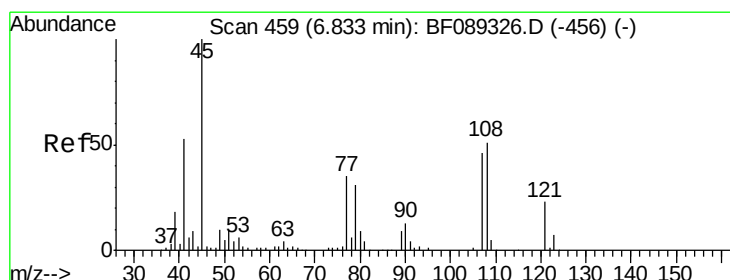
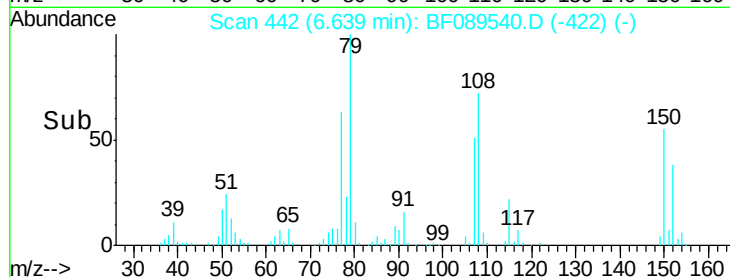
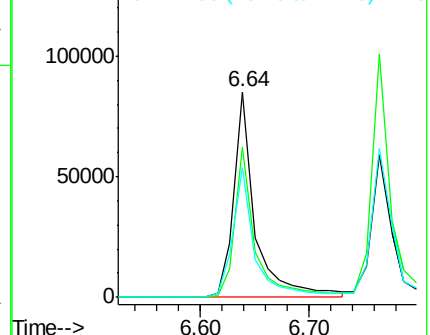
77 63.2 51.7 77.5



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: 41.85 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

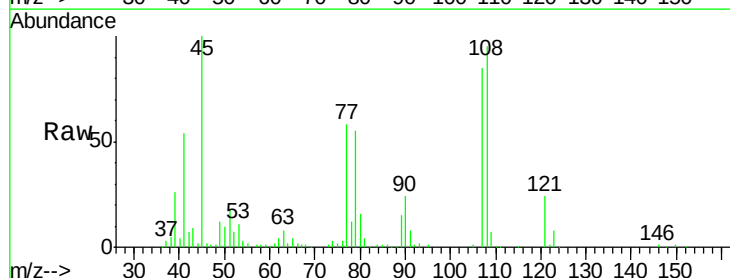
Tgt Ion: 45 Resp: 168190

Ion Ratio Lower Upper

45 100

77 57.9 17.3 57.3#

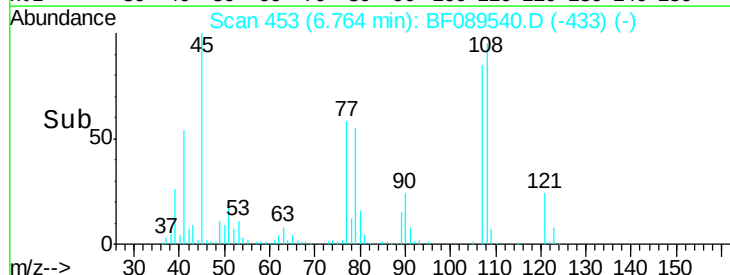
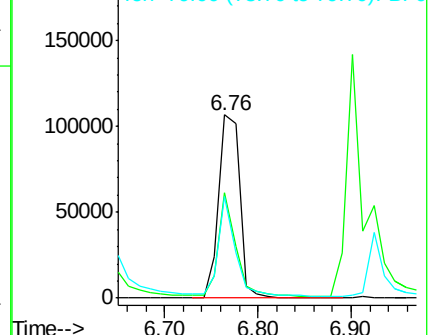
79 55.3 13.9 53.9#

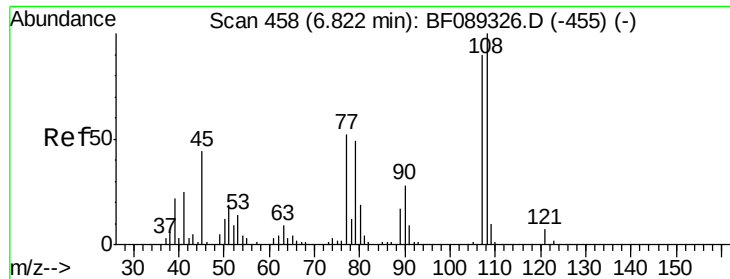


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

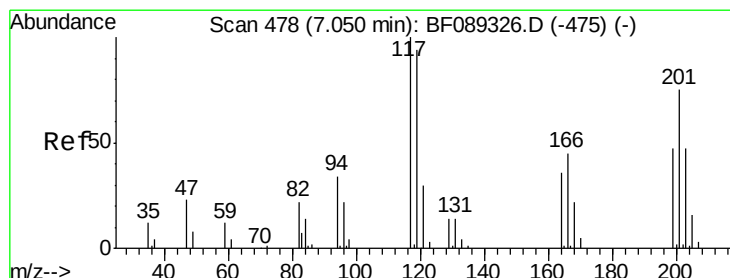
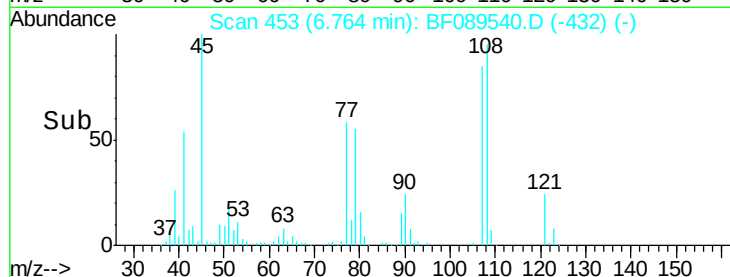
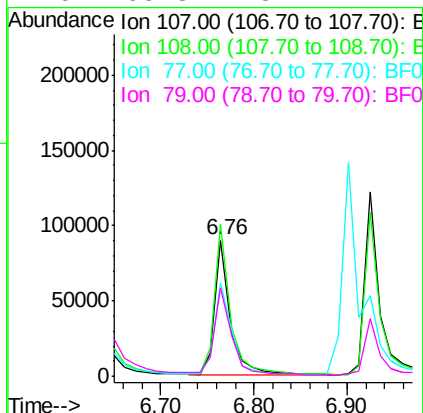
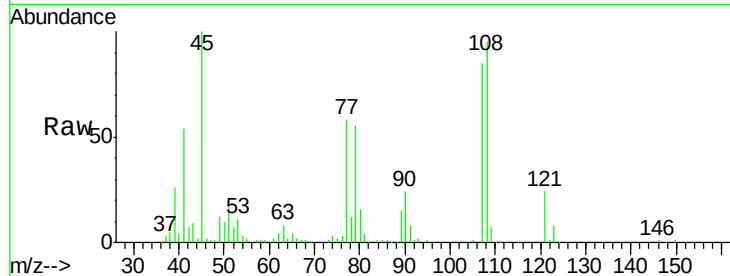




#17
2-Methylphenol
Concen: 39.51 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.06 min
Lab File: BF089540.D
Acq: 2 Aug 2016 11:46

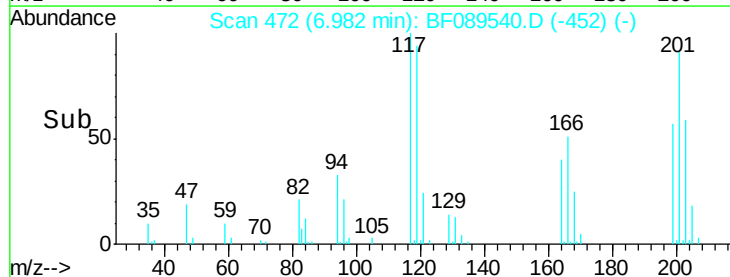
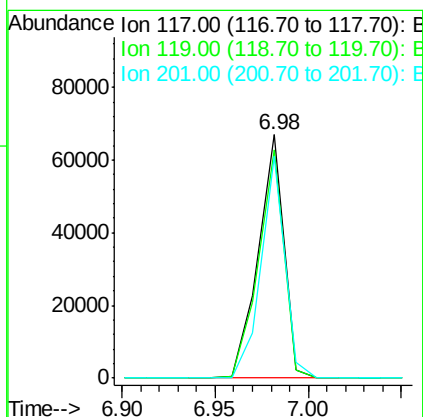
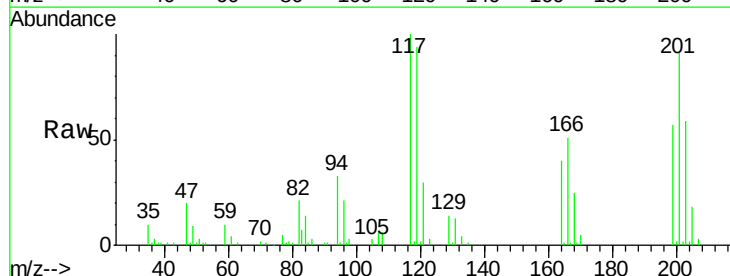
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

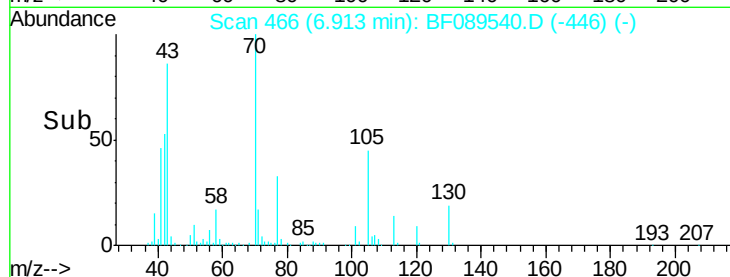
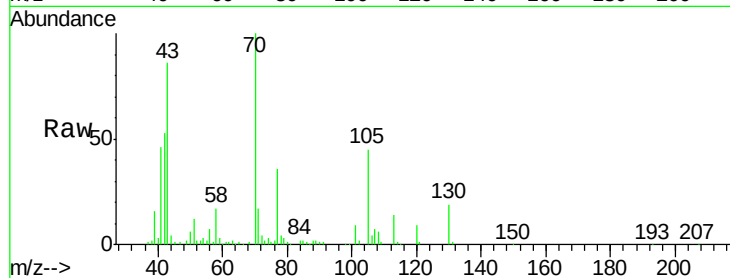
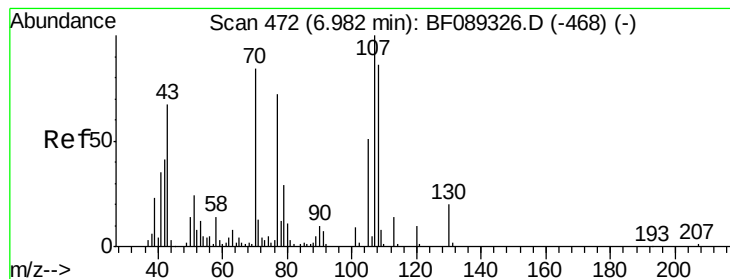
Tot Ion:	107	Resp:	102709
Ion	Ratio	Lower	Upper
107	100		
108	111.6	91.4	137.0
77	68.3	48.6	73.0
79	65.3	48.2	72.4



#18
Hexachloroethane
Concen: 42.38 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.07 min
Lab File: BF089540.D
Acq: 2 Aug 2016 11:46

Tgt Ion:	117	Resp:	63086
Ion	Ratio	Lower	Upper
117	100		
119	93.7	76.0	114.0
201	91.3	60.0	90.0#





#19

n-Nitroso-di-n-propylamine

Concen: 45.64 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 108155

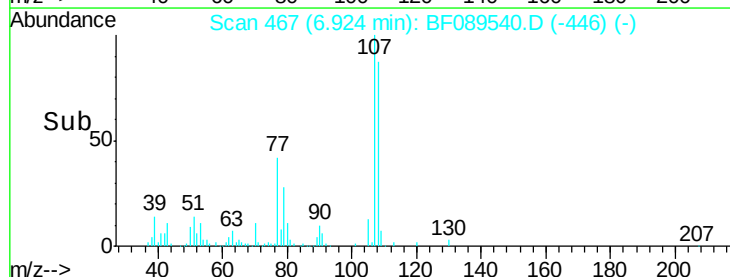
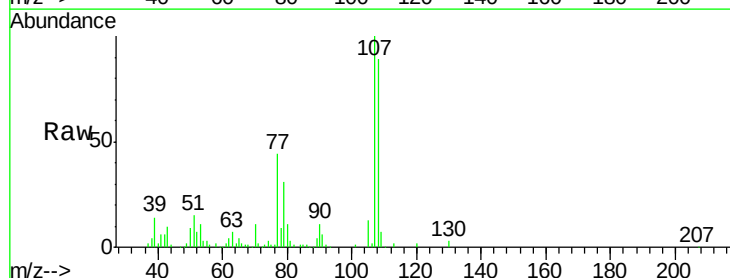
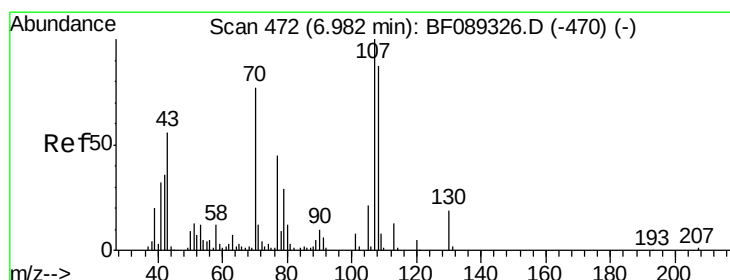
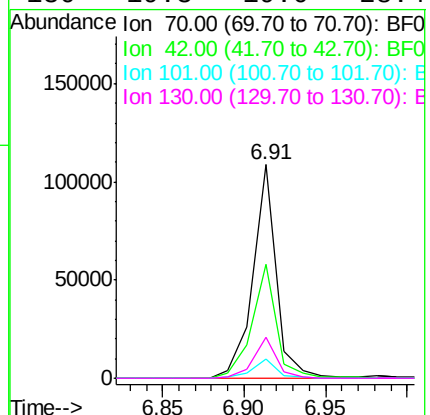
Ion Ratio Lower Upper

70 100

42 53.3 38.6 57.8

101 9.0 8.3 12.5

130 19.3 19.0 28.4



#20

3+4-Methylphenols

Concen: 41.73 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.06 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Tgt Ion:107 Resp: 139321

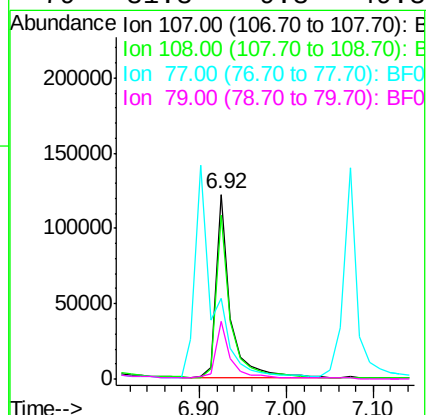
Ion Ratio Lower Upper

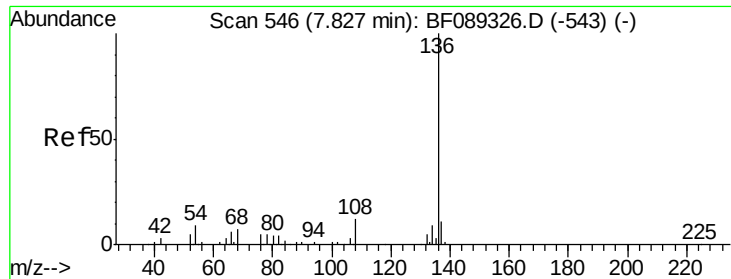
107 100

108 88.5 63.3 103.3

77 43.7 51.1 91.1#

79 31.3 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 206813

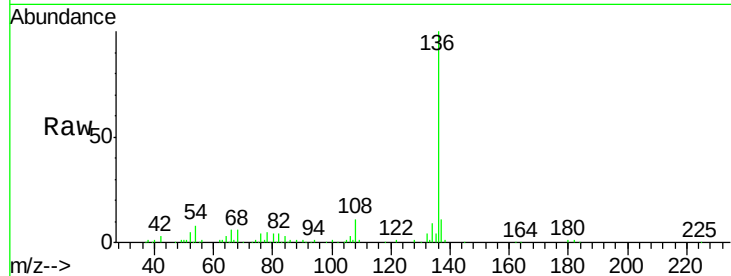
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 8.5 7.0 10.4

68 6.4 4.9 7.3

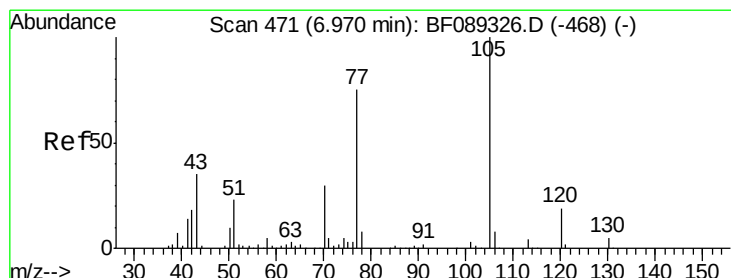
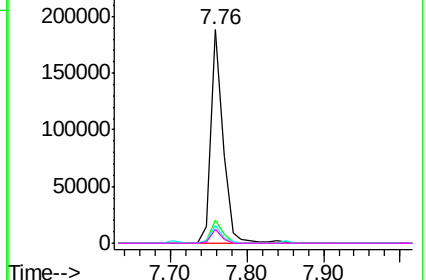
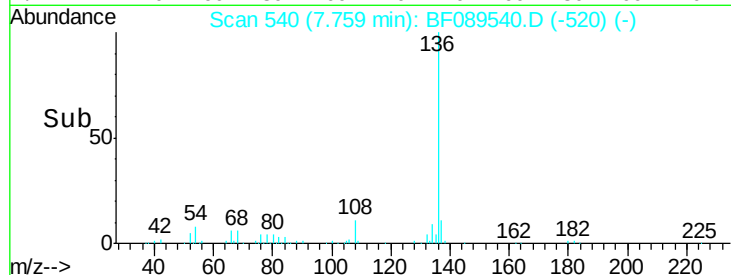


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.22 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Tgt Ion:105 Resp: 212774

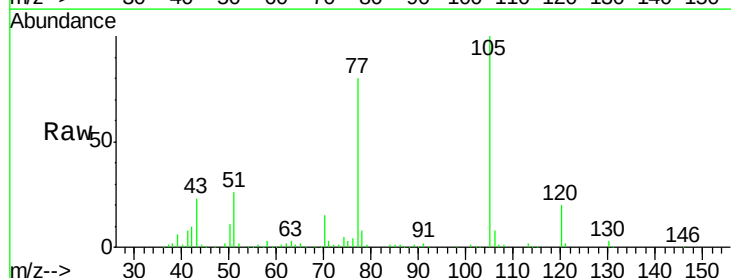
Ion Ratio Lower Upper

105 100

71 2.6 4.2 6.2#

51 25.8 18.7 28.1

120 19.6 15.8 23.6

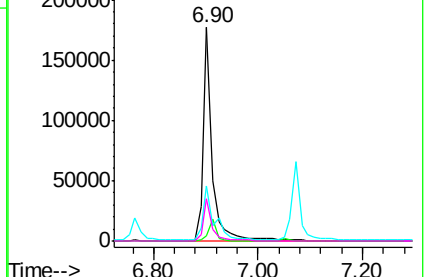
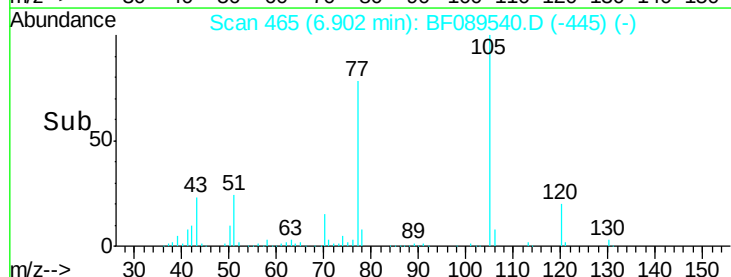


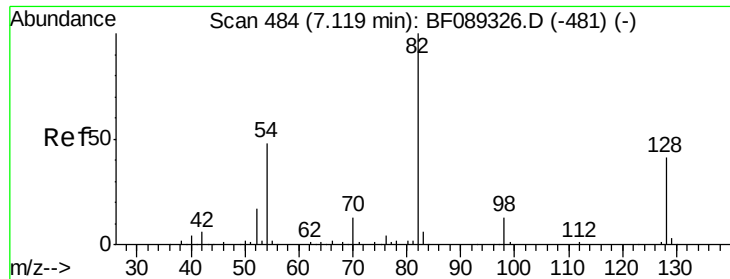
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

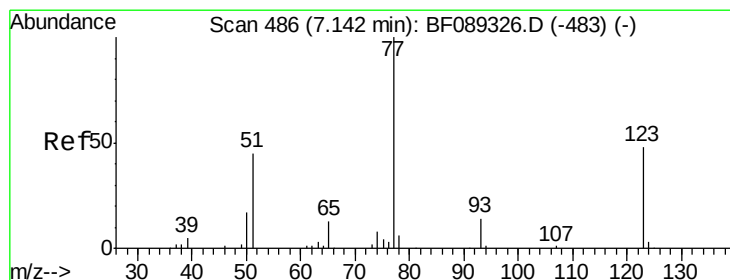
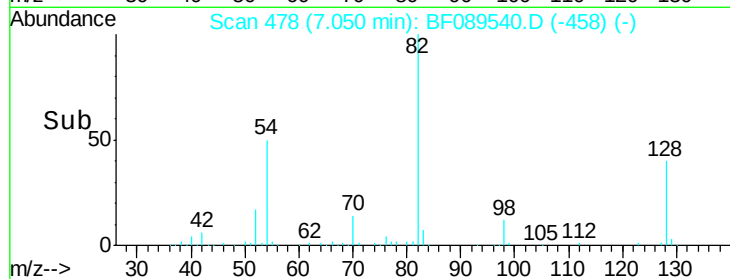
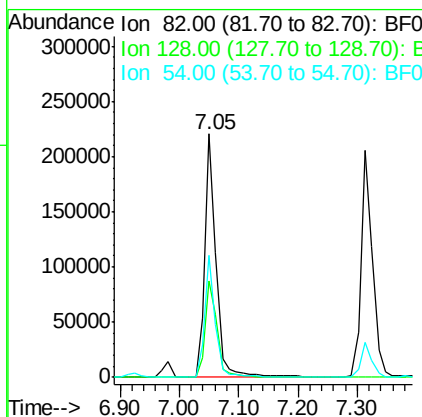
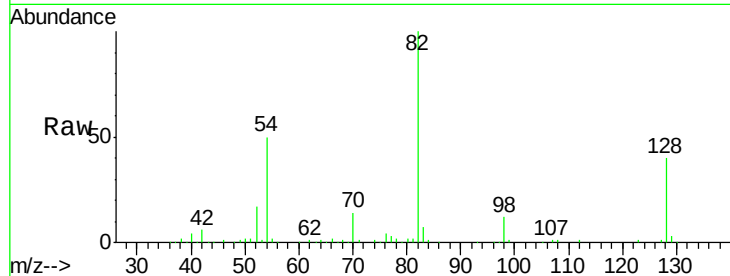




#23
Nitrobenzene-d5
Concen: 85.44 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.07 min
Lab File: BF089540.D
Acq: 2 Aug 2016 11:46

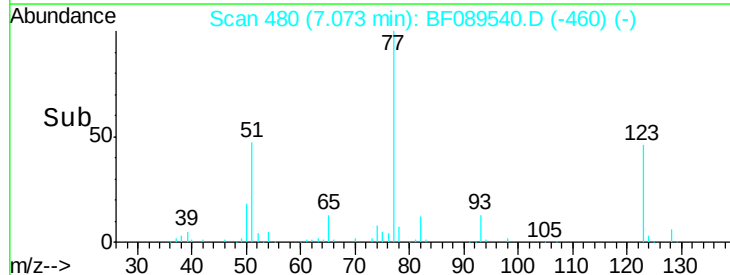
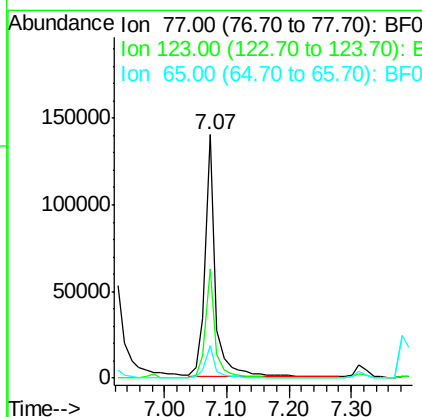
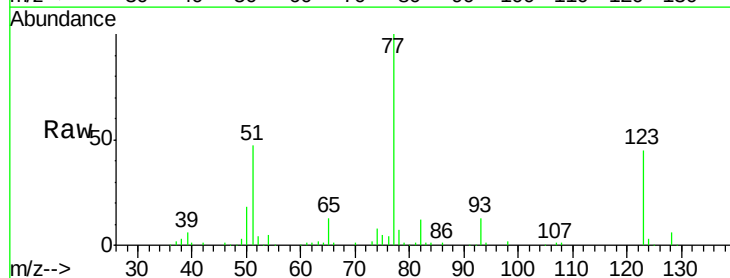
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

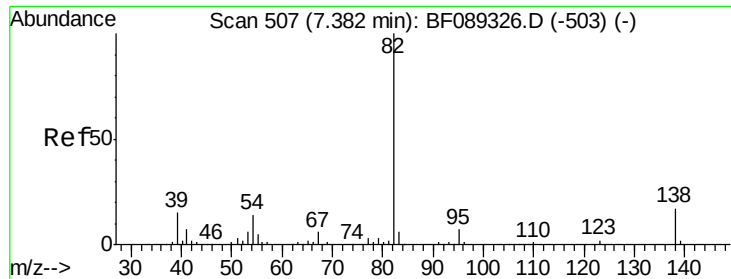
Tot Ion	82	Resp	299362
Ion Ratio	100	Lower	Upper
128	39.8	32.5	48.7
54	50.0	38.8	58.2



#24
Nitrobenzene
Concen: 40.87 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.07 min
Lab File: BF089540.D
Acq: 2 Aug 2016 11:46

Tgt Ion	77	Resp	162985
Ion Ratio	100	Lower	Upper
123	45.1	37.2	55.8
65	13.2	10.2	15.4





#25

Isophorone

Concen: 38.82 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

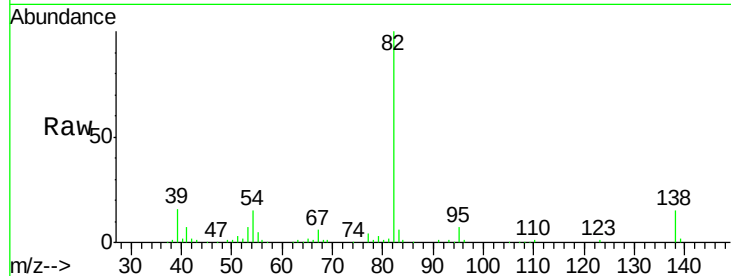
Tot Ion: 82 Resp: 273968

Ion Ratio Lower Upper

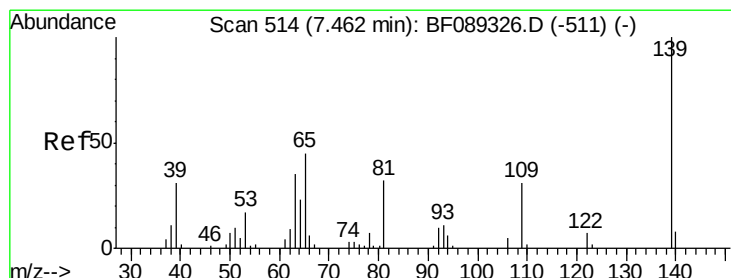
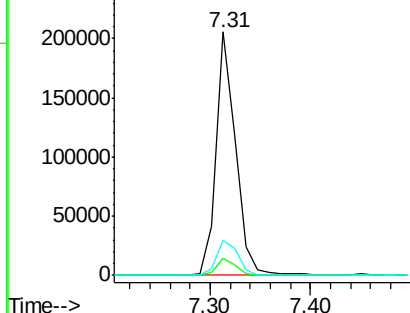
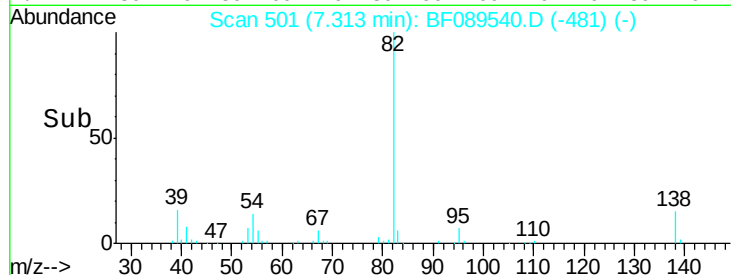
82 100

95 7.2 6.0 9.0

138 14.5 13.3 19.9



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: 39.28 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

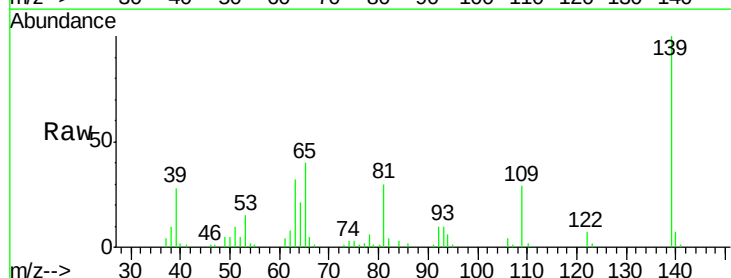
Tgt Ion: 139 Resp: 70034

Ion Ratio Lower Upper

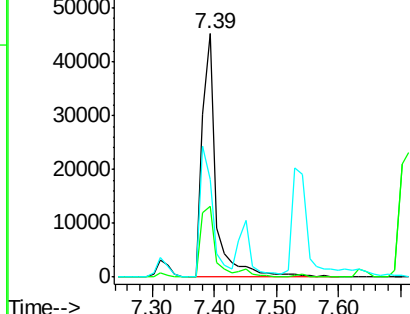
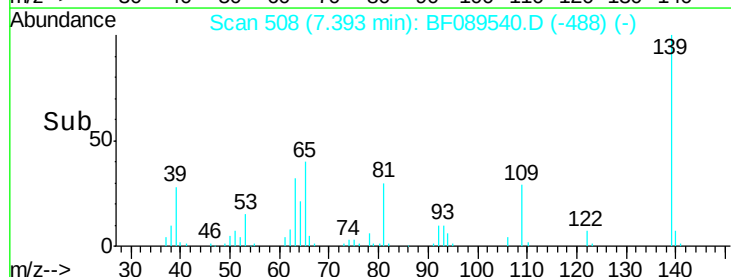
139 100

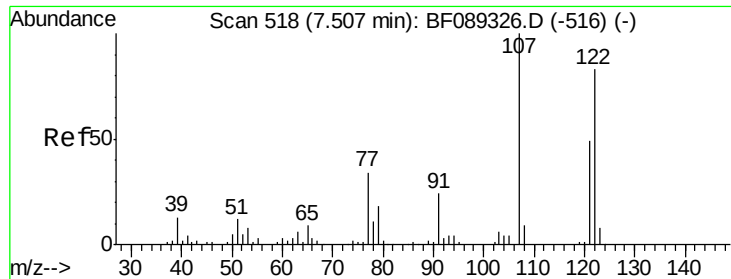
109 29.0 25.8 38.8

65 40.1 35.2 52.8



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

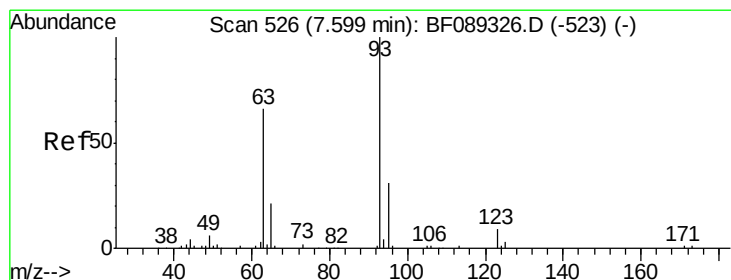
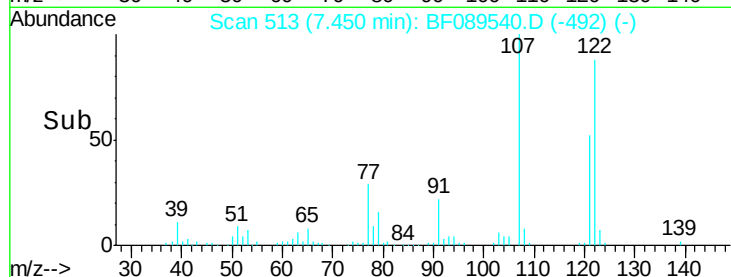
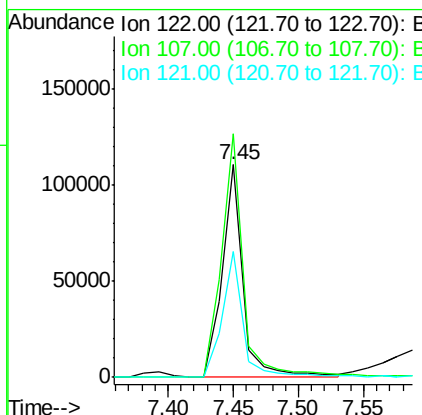
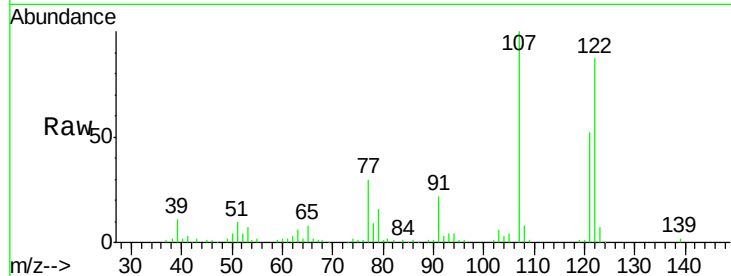




#27
 2,4-Dimethylphenol
 Concen: 43.83 ng
 RT: 7.45 min Scan# 513
 Delta R.T. -0.06 min
 Lab File: BF089540.D
 Acq: 2 Aug 2016 11:46

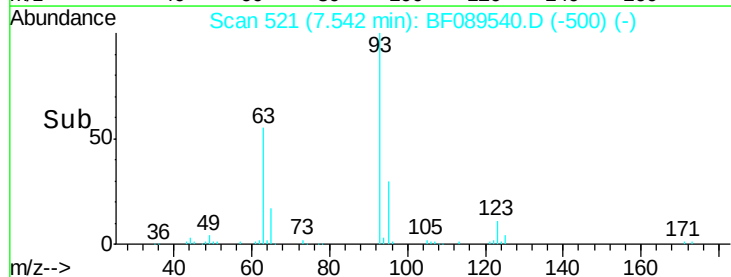
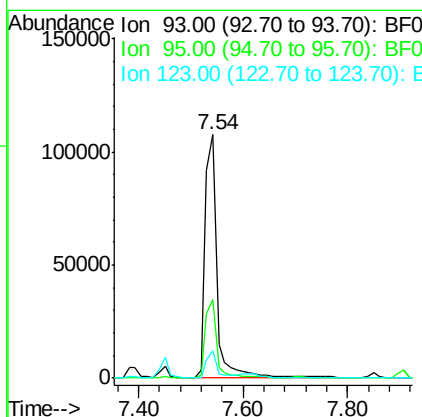
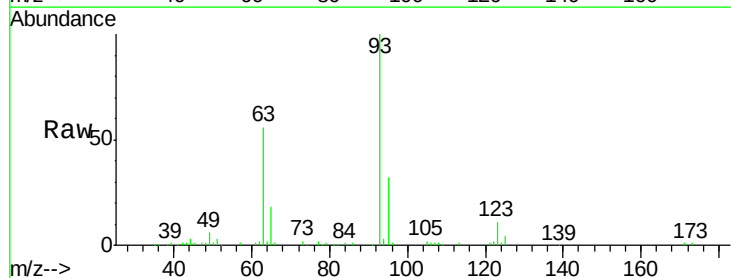
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

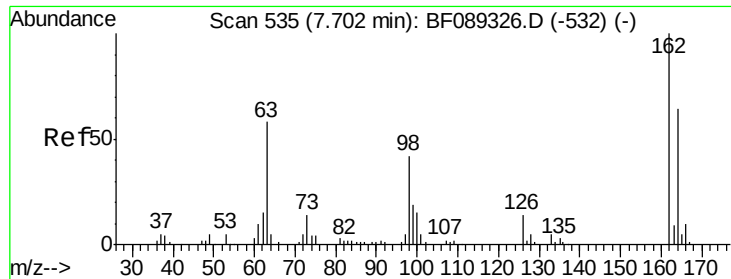
Tot Ion:122 Resp: 124485
 Ion Ratio Lower Upper
 122 100
 107 114.5 97.2 145.8
 121 59.1 48.8 73.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.34 ng
 RT: 7.54 min Scan# 521
 Delta R.T. -0.06 min
 Lab File: BF089540.D
 Acq: 2 Aug 2016 11:46

Tgt Ion: 93 Resp: 173229
 Ion Ratio Lower Upper
 93 100
 95 32.2 24.7 37.1
 123 11.4 7.5 11.3#

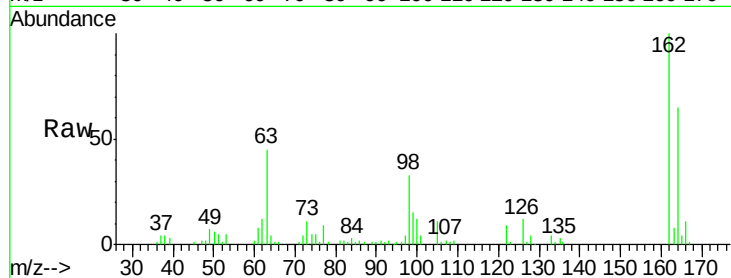




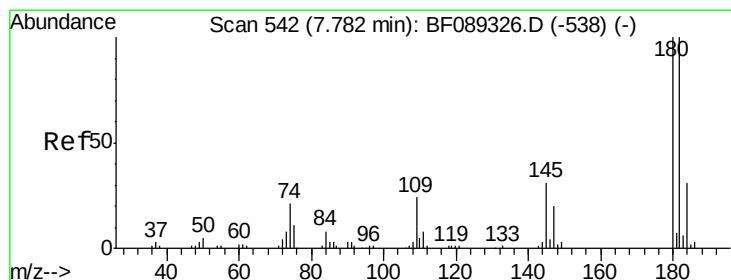
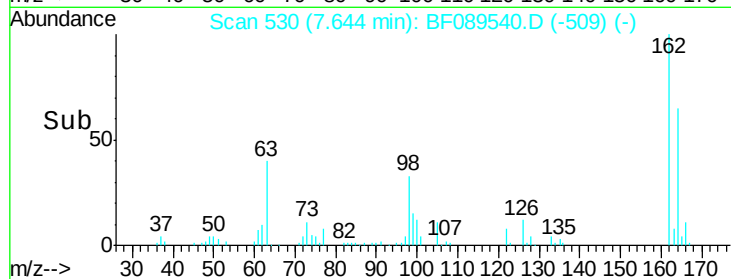
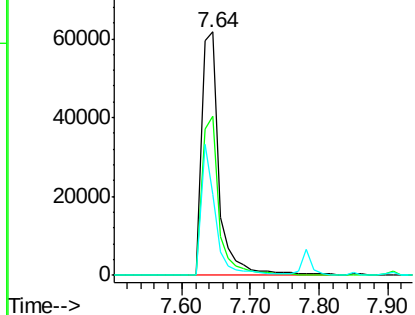
#29
 2,4-Dichlorophenol
 Concen: 41.59 ng
 RT: 7.64 min Scan# 530
 Delta R.T. -0.06 min
 Lab File: BF089540.D
 Acq: 2 Aug 2016 11:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.0	84.0
98	33.5	21.8	61.8

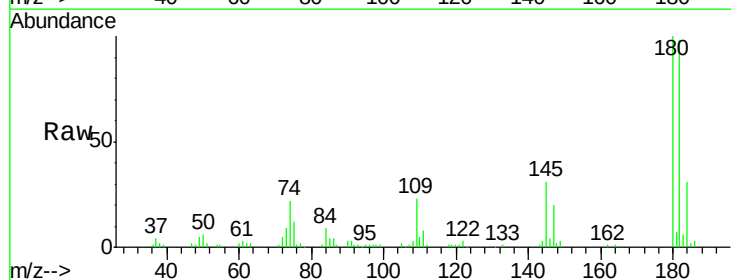


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

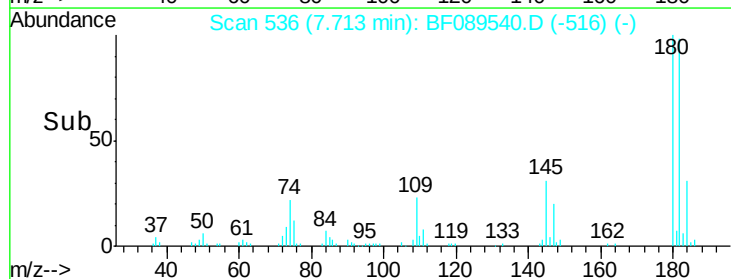
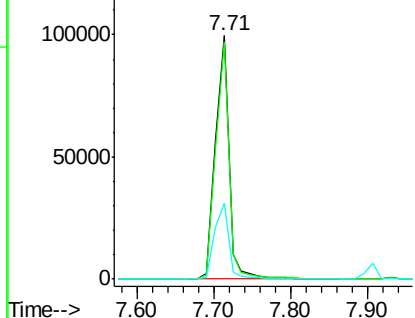


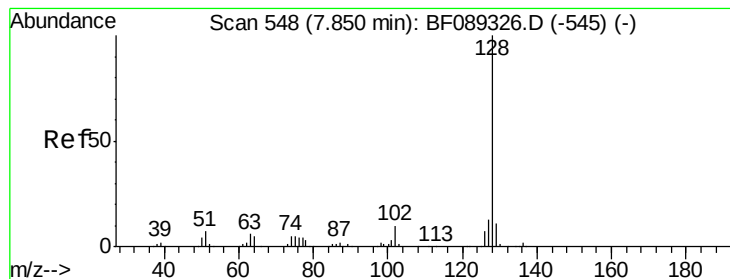
#30
 1,2,4-Trichlorobenzene
 Concen: 41.36 ng
 RT: 7.71 min Scan# 536
 Delta R.T. -0.07 min
 Lab File: BF089540.D
 Acq: 2 Aug 2016 11:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	78.2	117.2
145	30.9	24.6	36.8



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: 39.68 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

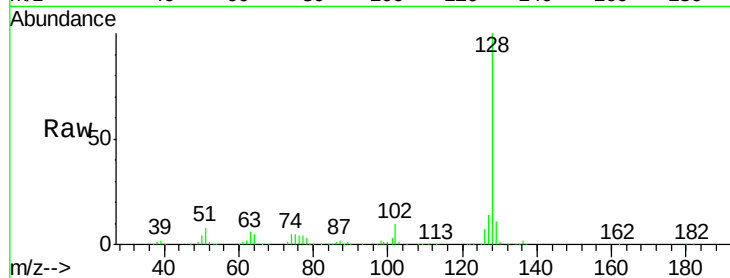
Tot Ion:128 Resp: 406425

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

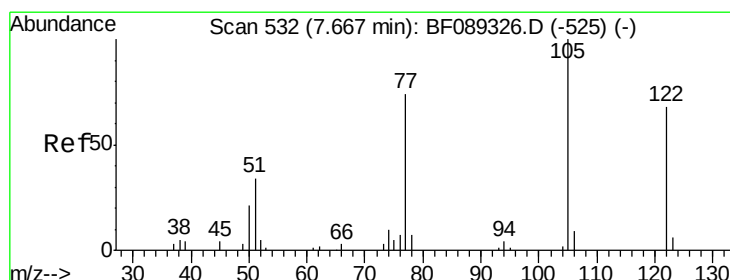
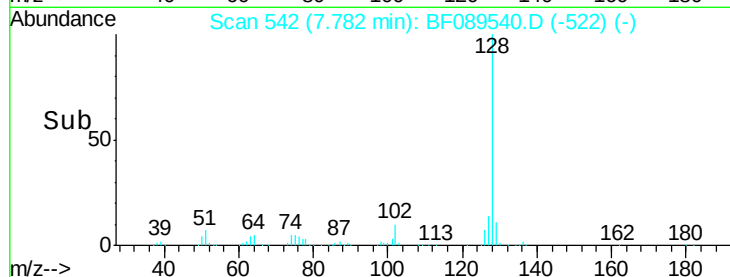
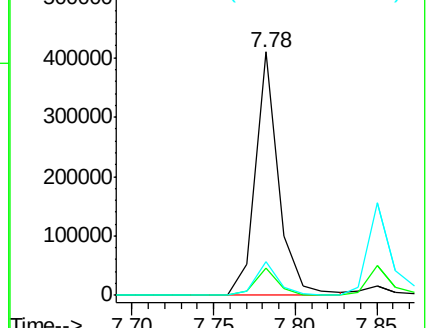
127 13.7 10.8 16.2



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: 42.98 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

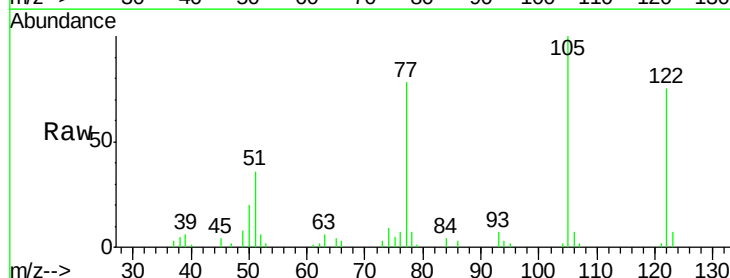
Tgt Ion:122 Resp: 85071

Ion Ratio Lower Upper

122 100

105 133.9 106.4 146.4

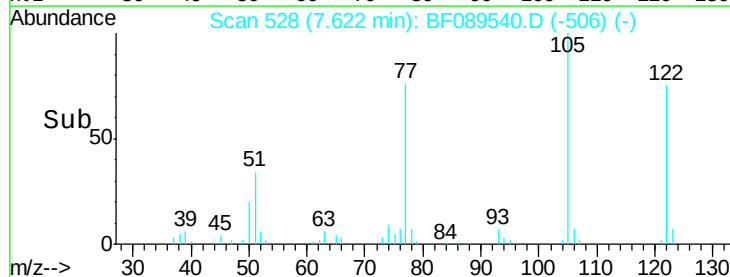
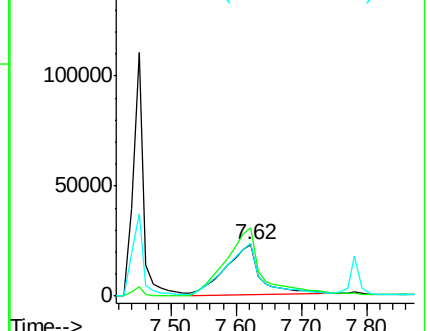
77 104.0 76.4 116.4

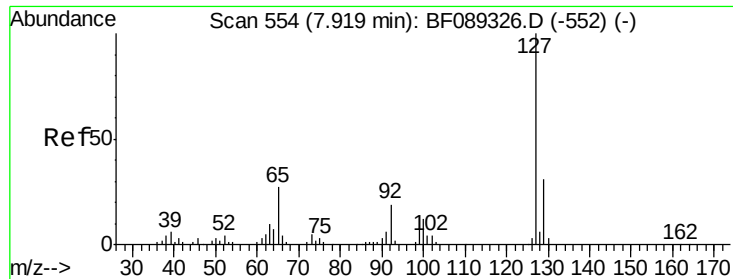


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

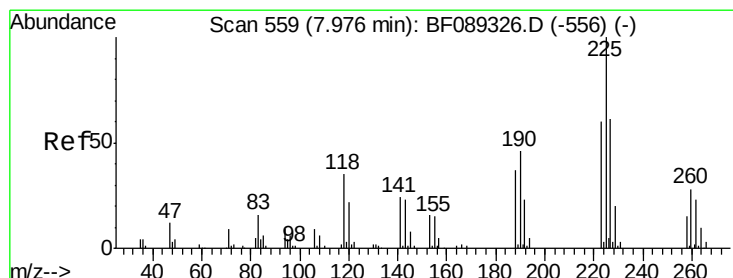
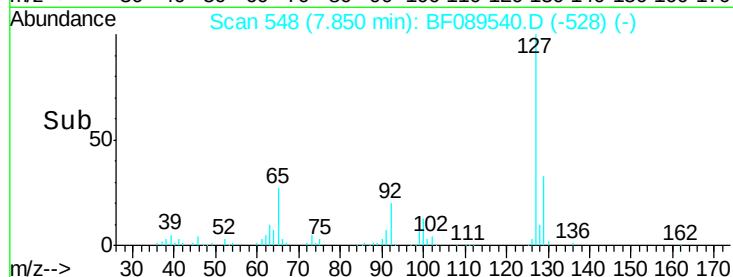
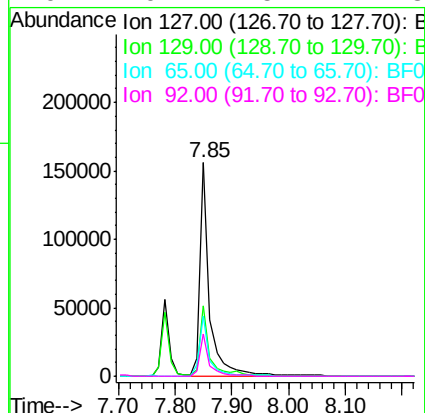
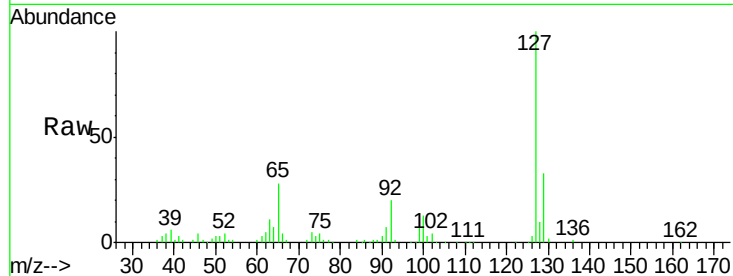




#33
4-Chloroaniline
Concen: 46.11 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.07 min
Lab File: BF089540.D
Acq: 2 Aug 2016 11:46

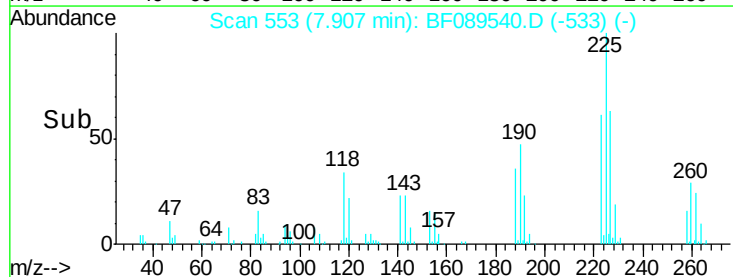
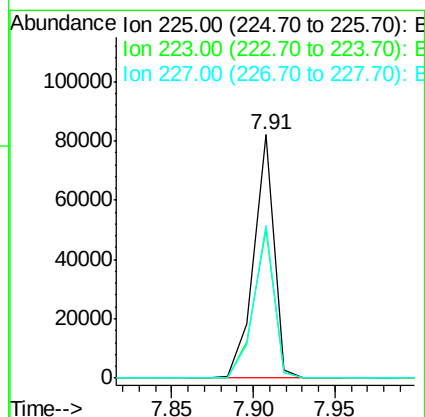
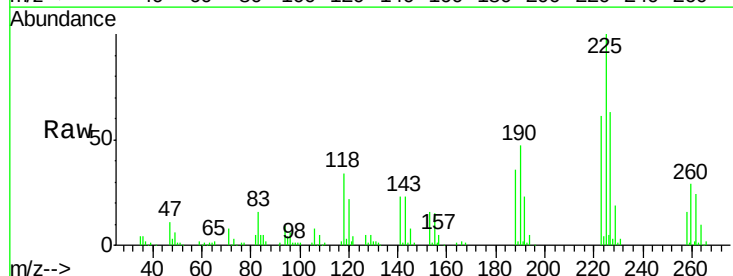
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

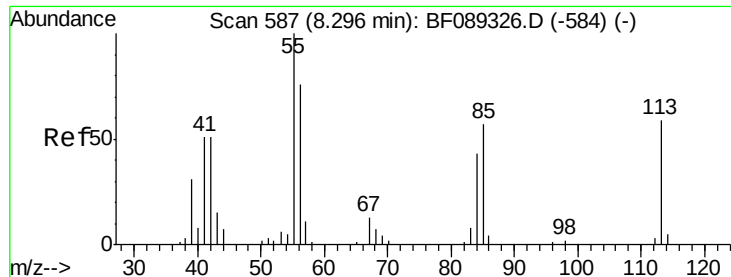
Tot Ion:	127	Resp:	179784
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	28.1	22.0	33.0
92	19.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 42.13 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.07 min
Lab File: BF089540.D
Acq: 2 Aug 2016 11:46

Tgt Ion:	225	Resp:	71252
Ion	Ratio	Lower	Upper
225	100		
223	60.9	49.8	74.8
227	63.0	49.4	74.2





#35

Caprolactam

Concen: 44.67 ng

RT: 8.24 min Scan# 582

Delta R.T. -0.06 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

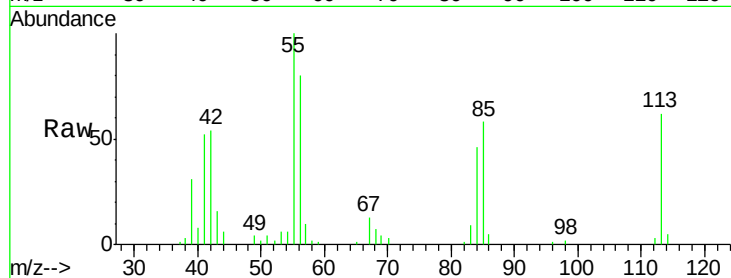
Tot Ion:113 Resp: 34896

Ion Ratio Lower Upper

113 100

55 161.8 142.3 182.3

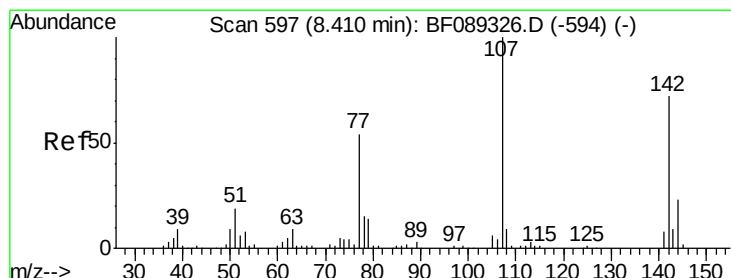
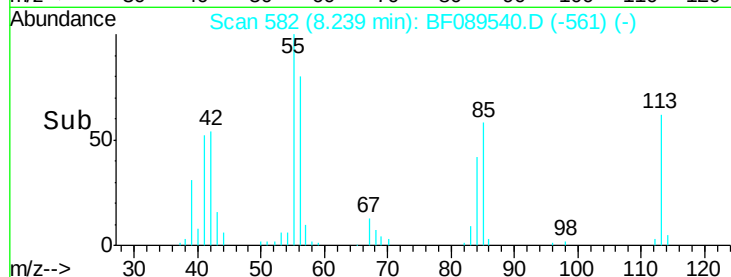
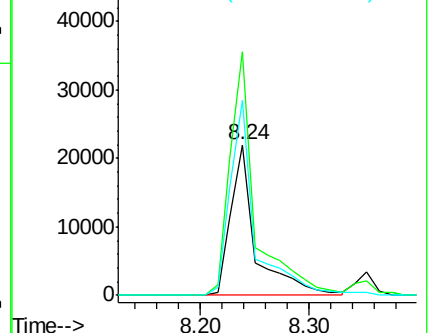
56 129.4 105.8 145.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.78 ng

RT: 8.35 min Scan# 592

Delta R.T. -0.06 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

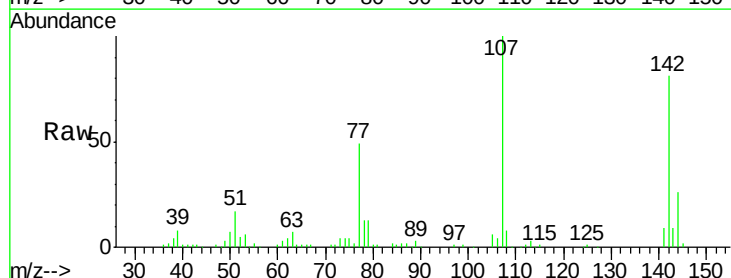
Tgt Ion:107 Resp: 134666

Ion Ratio Lower Upper

107 100

144 25.8 18.4 27.6

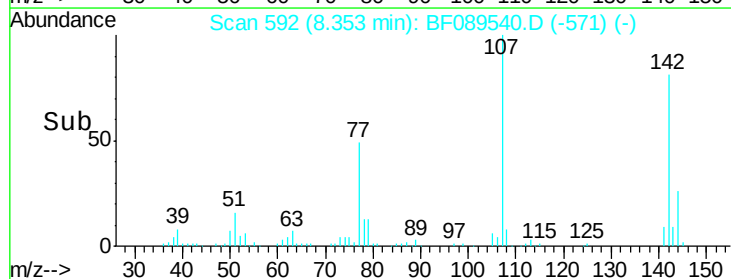
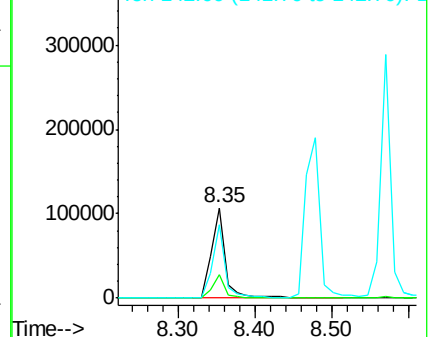
142 80.9 58.6 87.8

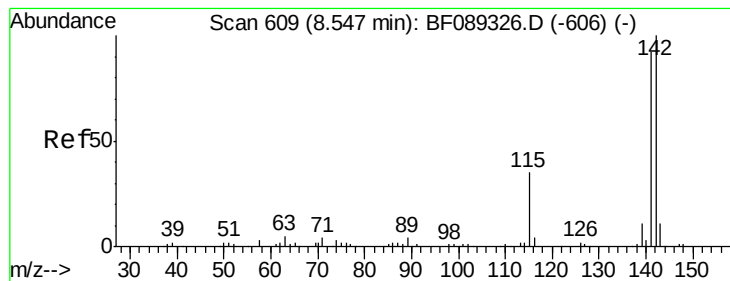


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.15 ng

RT: 8.48 min Scan# 603

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

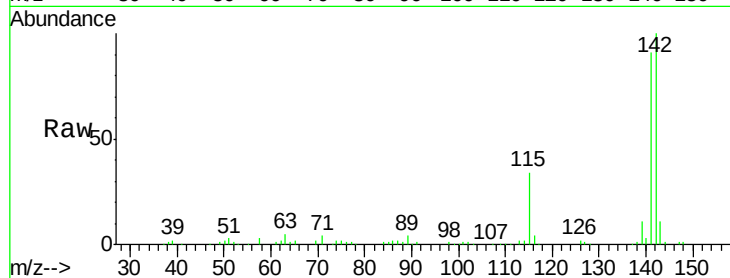
Tot Ion:142 Resp: 253946

Ion Ratio Lower Upper

142 100

141 90.9 70.9 106.3

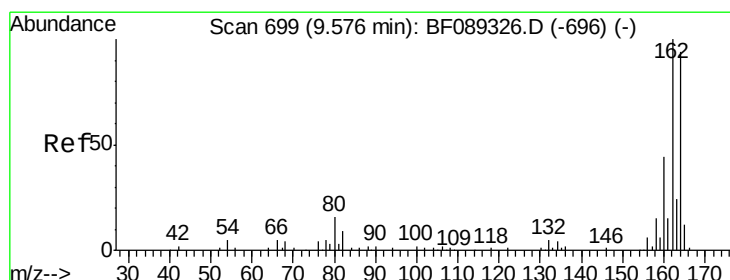
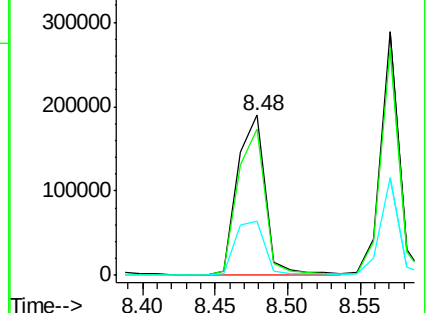
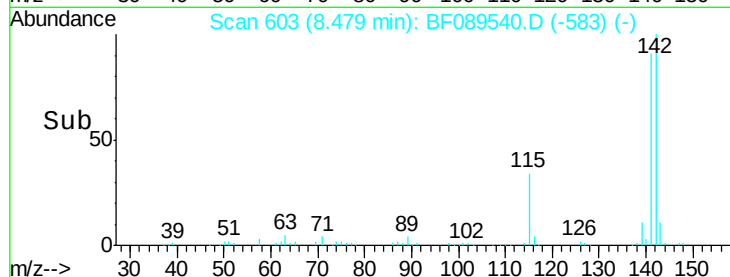
115 33.7 27.6 41.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

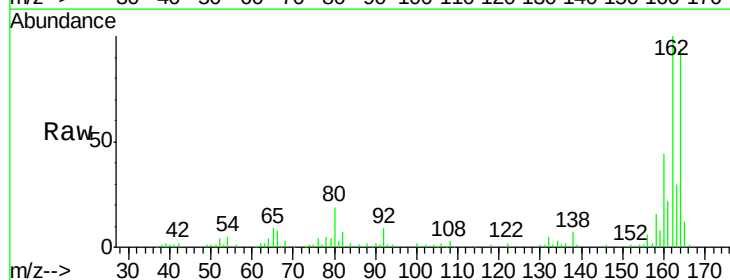
Tgt Ion:164 Resp: 97271

Ion Ratio Lower Upper

164 100

162 106.6 83.7 125.5

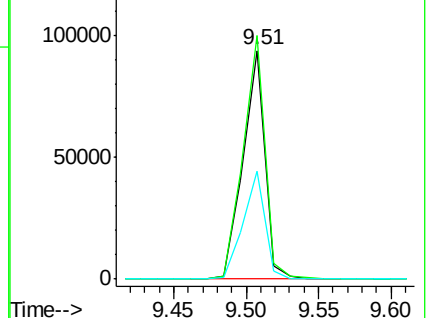
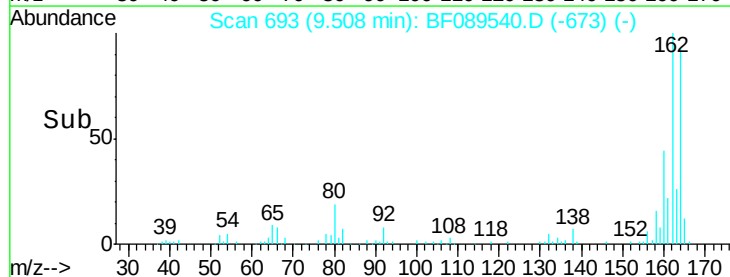
160 47.4 37.8 56.6

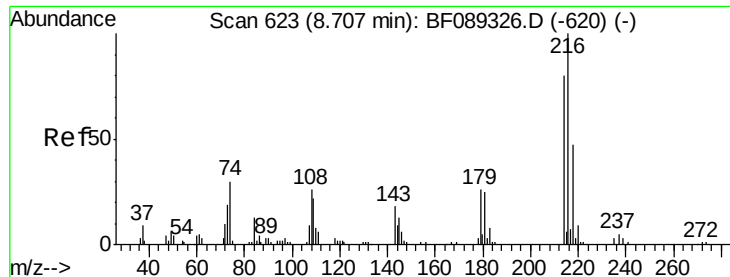


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.79 ng

RT: 8.64 min Scan# 617

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 128644

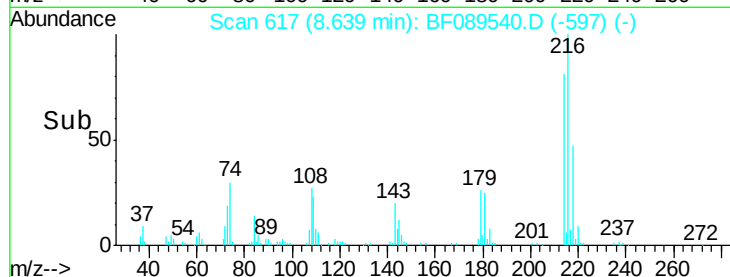
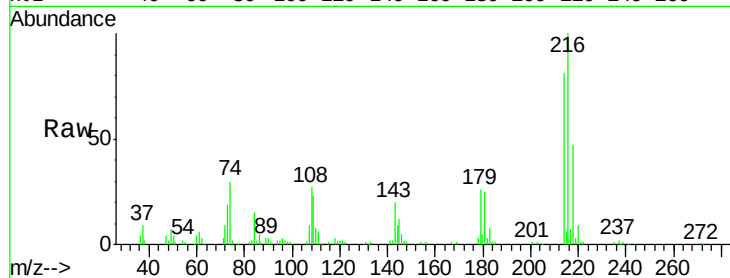
Ion Ratio Lower Upper

216 100

214 78.8 63.3 94.9

179 22.9 18.1 27.1

108 21.5 17.2 25.8

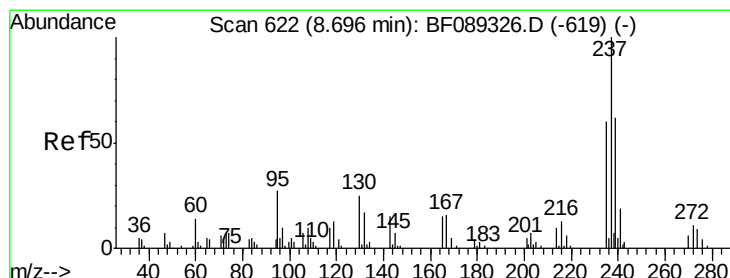
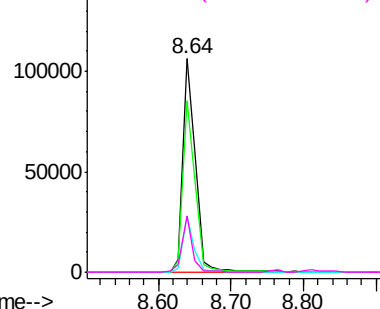


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.71 ng

RT: 8.63 min Scan# 616

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

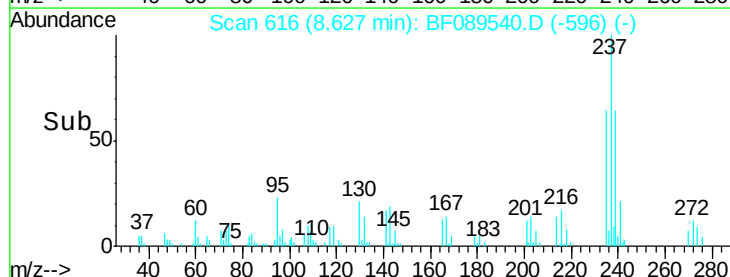
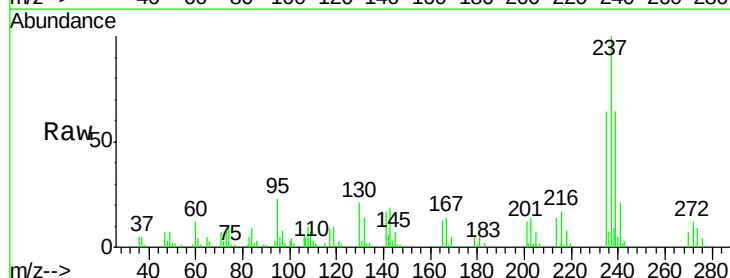
Tgt Ion:237 Resp: 30355

Ion Ratio Lower Upper

237 100

235 63.8 41.6 81.6

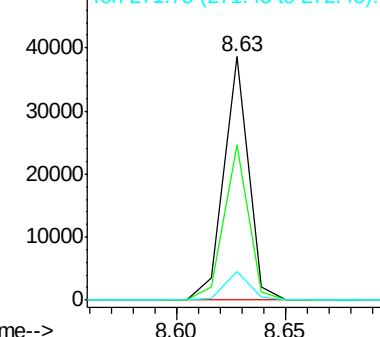
272 11.8 0.0 30.8

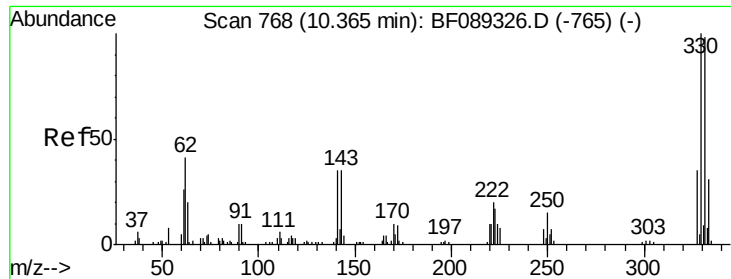


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

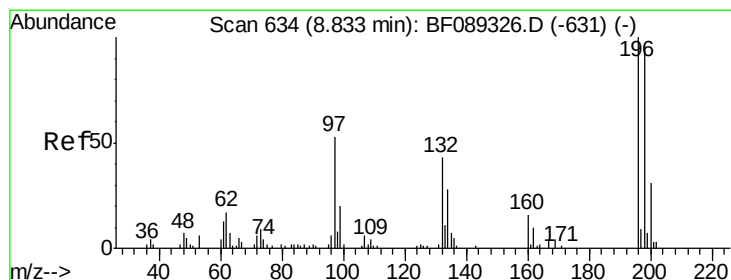
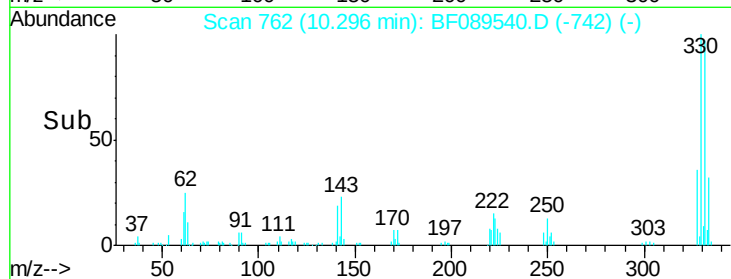
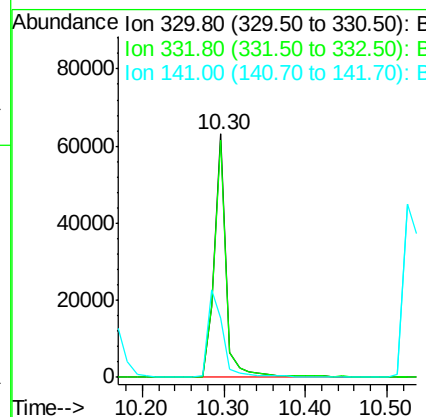
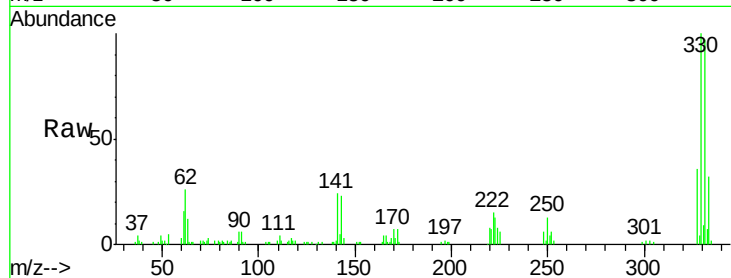




#41
 2,4,6-Tribromophenol
 Concen: 81.55 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.07 min
 Lab File: BF089540.D
 Acq: 2 Aug 2016 11:46

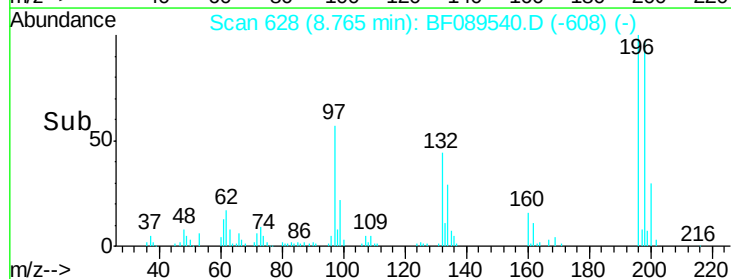
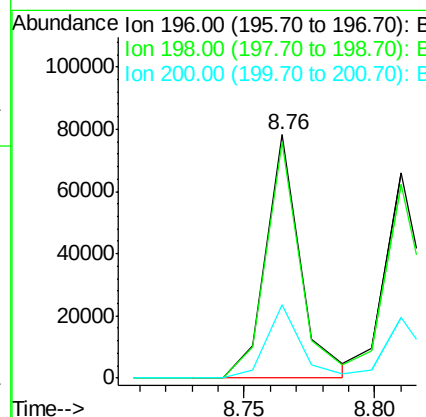
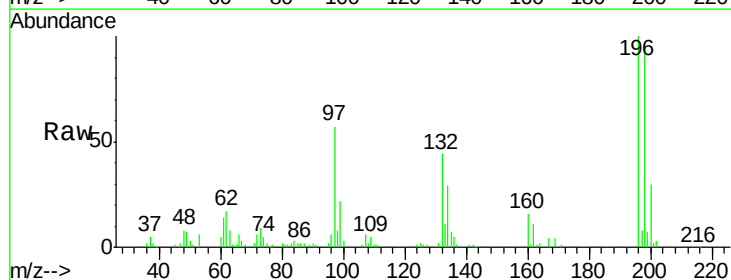
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

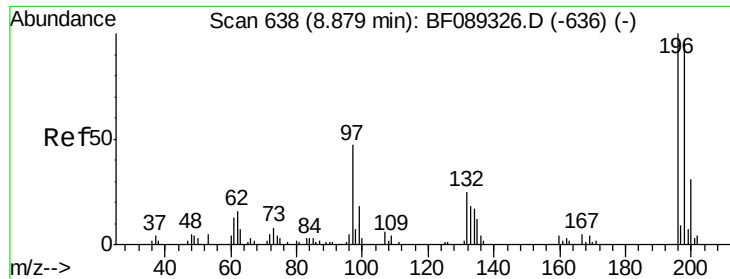
Tot Ion:330 Resp: 65701
 Ion Ratio Lower Upper
 330 100
 332 98.8 76.8 115.2
 141 46.4 37.3 55.9



#42
 2,4,6-Trichlorophenol
 Concen: 44.82 ng
 RT: 8.76 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF089540.D
 Acq: 2 Aug 2016 11:46

Tgt Ion:196 Resp: 72542
 Ion Ratio Lower Upper
 196 100
 198 97.0 75.5 113.3
 200 29.9 23.9 35.9

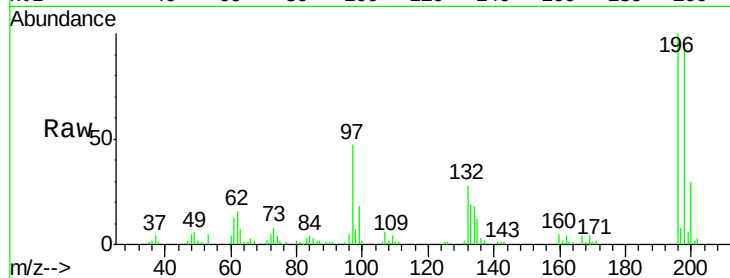




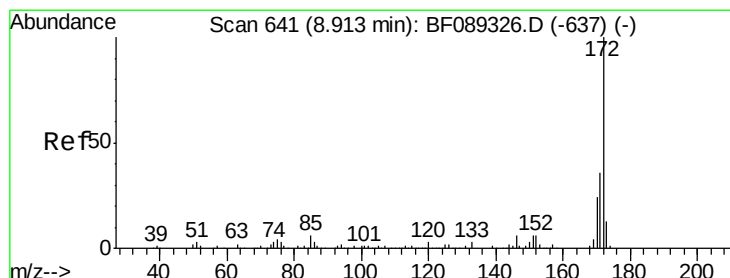
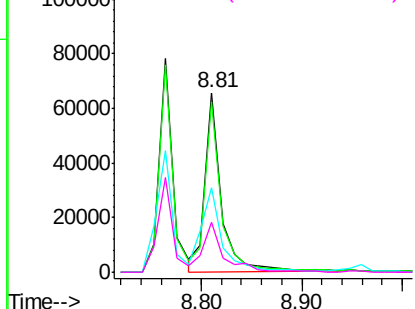
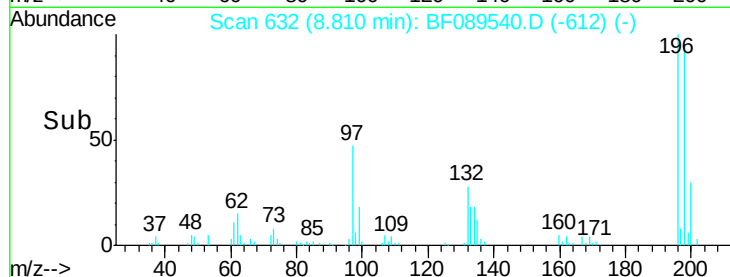
#43
 2,4,5-Trichlorophenol
 Concen: 36.21 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.07 min
 Lab File: BF089540.D
 Acq: 2 Aug 2016 11:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:196 Resp: 74235
 Ion Ratio Lower Upper
 196 100
 198 94.5 78.7 118.1
 97 46.7 39.7 59.5
 132 28.1 22.8 34.2

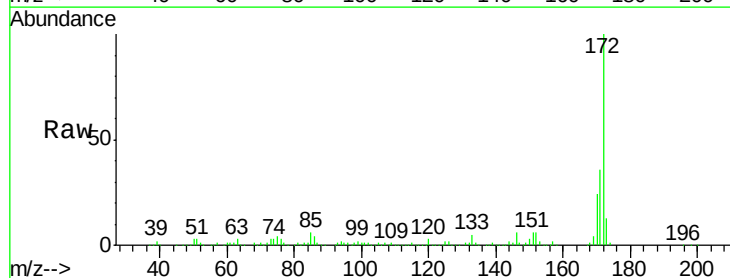


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

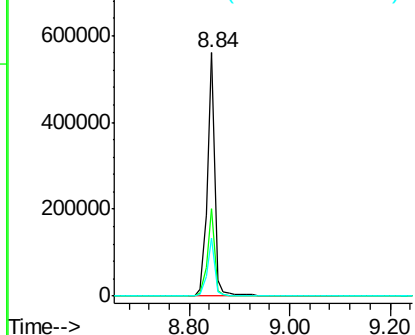
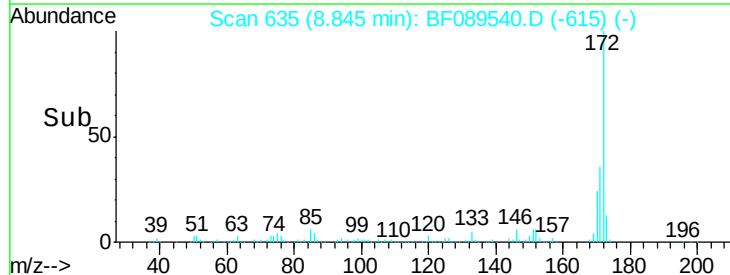


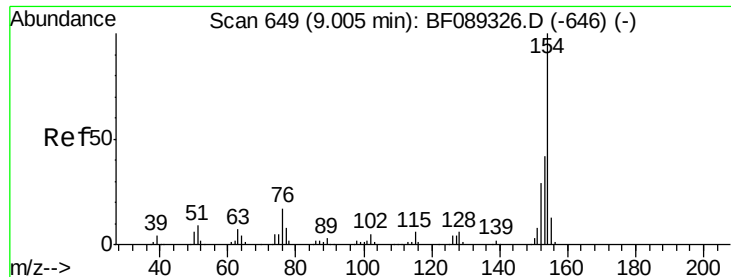
#44
 2-Fluorobiphenyl
 Concen: 86.72 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.07 min
 Lab File: BF089540.D
 Acq: 2 Aug 2016 11:46

Tgt Ion:172 Resp: 574813
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 24.0 19.2 28.8



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

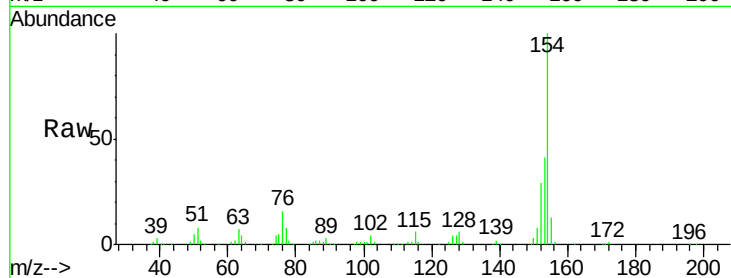




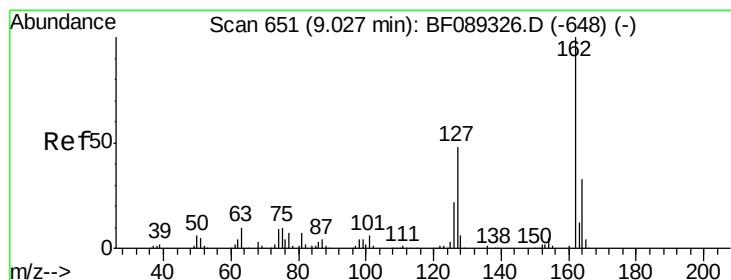
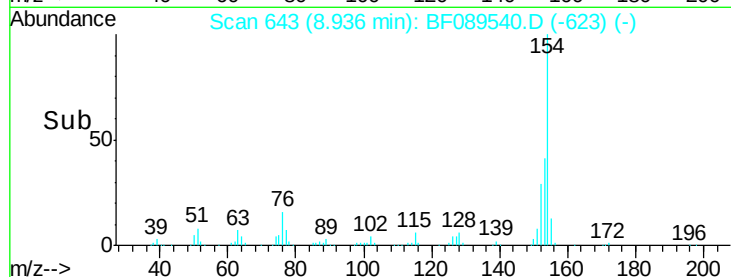
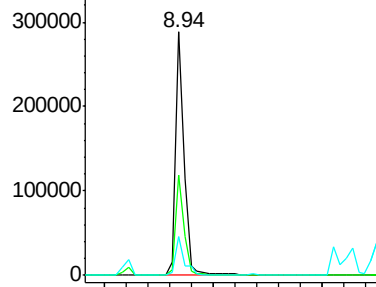
#45
 1,1'-Biphenyl
 Concen: 37.56 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.07 min
 Lab File: BF089540.D
 Acq: 2 Aug 2016 11:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.0	61.0
76	15.9	0.0	36.6

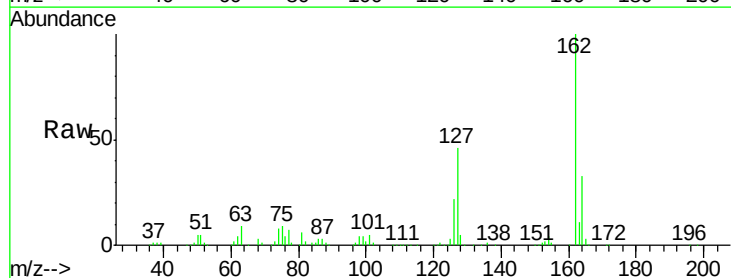


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

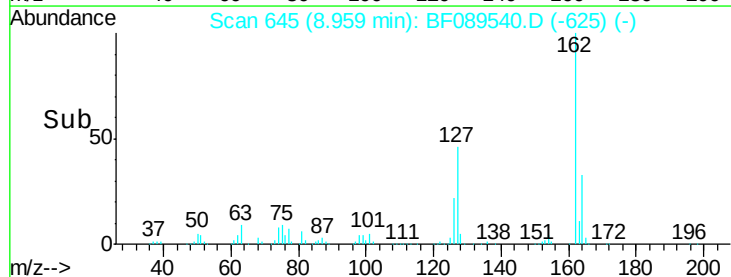
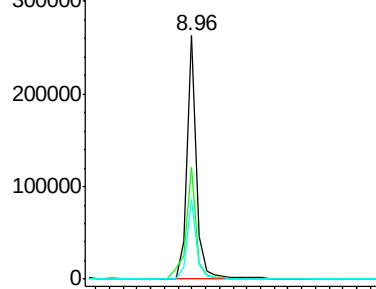


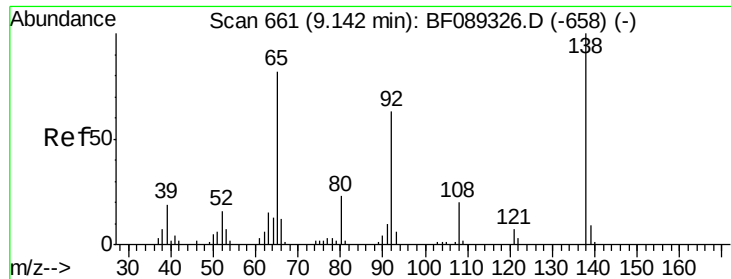
#46
 2-Chloronaphthalene
 Concen: 41.90 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.07 min
 Lab File: BF089540.D
 Acq: 2 Aug 2016 11:46

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.1	37.8	56.8
164	32.5	25.8	38.8



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

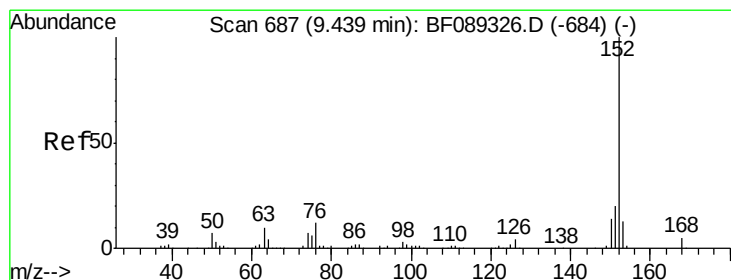
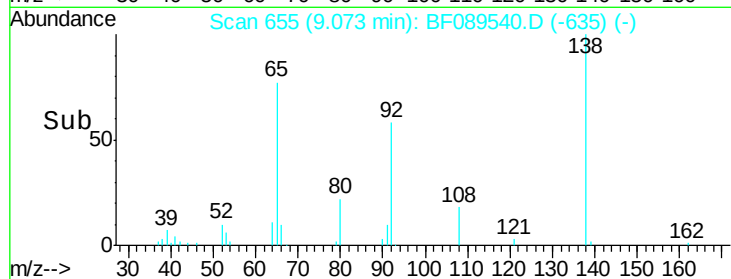
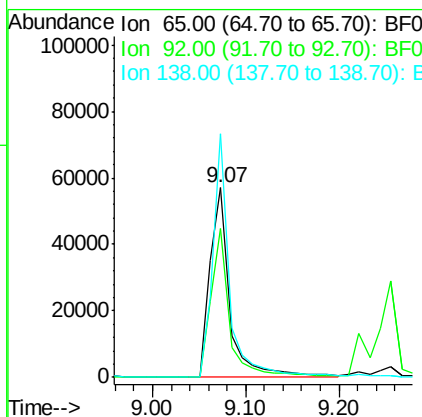
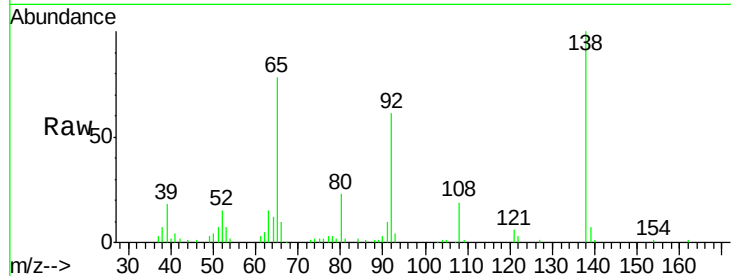




#47
2-Nitroaniline
Concen: 46.47 ng
RT: 9.07 min Scan# 655
Delta R.T. -0.07 min
Lab File: BF089540.D
Acq: 2 Aug 2016 11:46

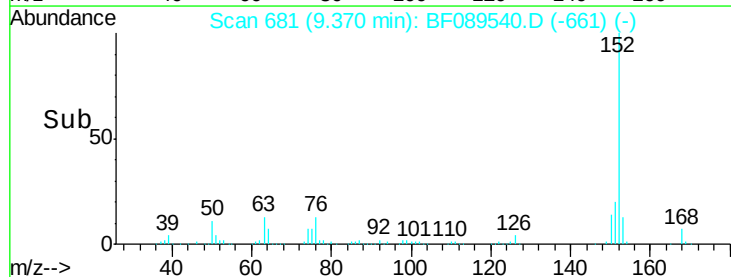
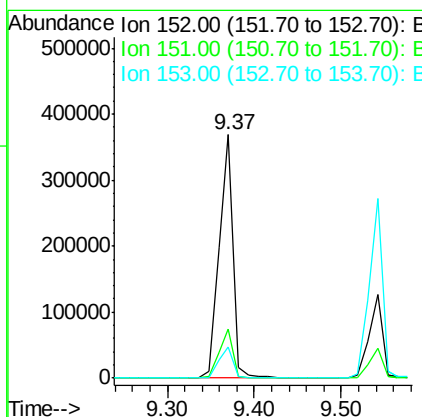
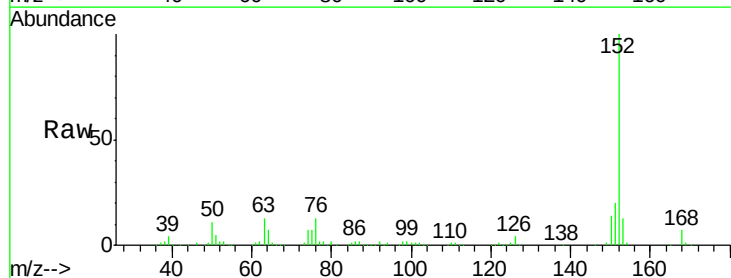
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

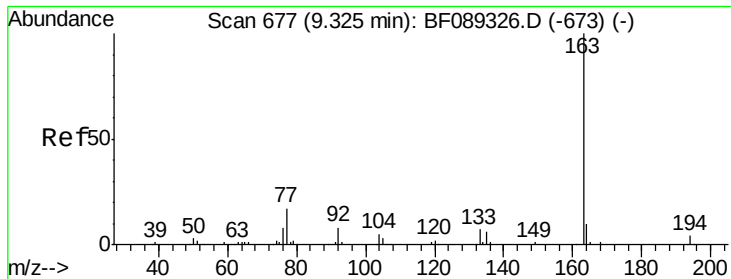
Tot Ion	Ratio	Lower	Upper
65	100		
92	78.2	61.0	91.4
138	128.3	99.1	148.7



#48
Acenaphthylene
Concen: 42.76 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.07 min
Lab File: BF089540.D
Acq: 2 Aug 2016 11:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	12.7	10.2	15.4

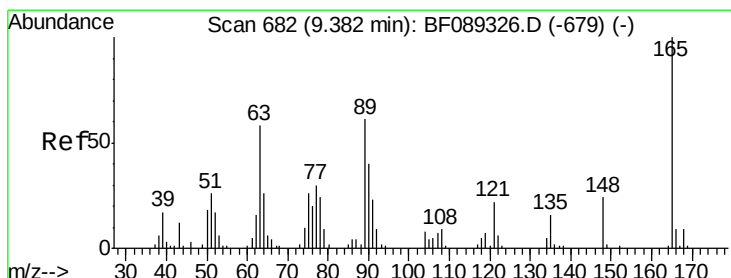
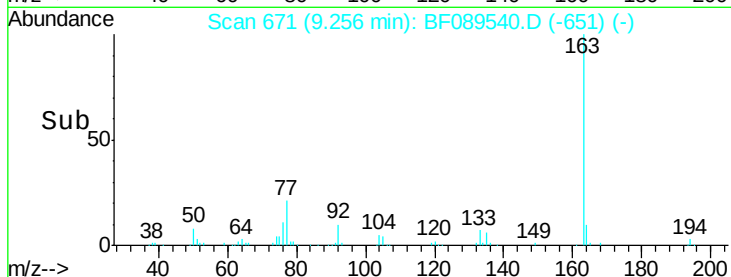
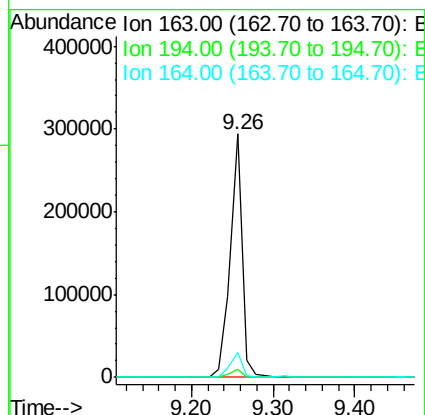
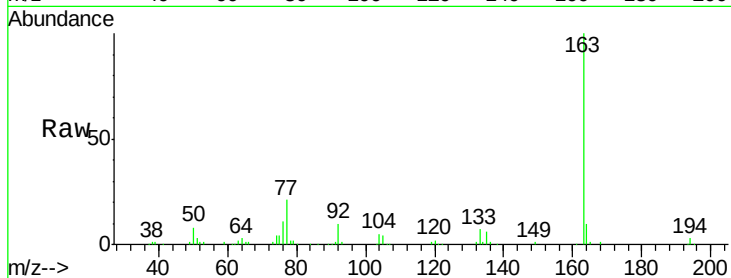




#49
Dimethylphthalate
Concen: 40.16 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.07 min
Lab File: BF089540.D
Acq: 2 Aug 2016 11:46

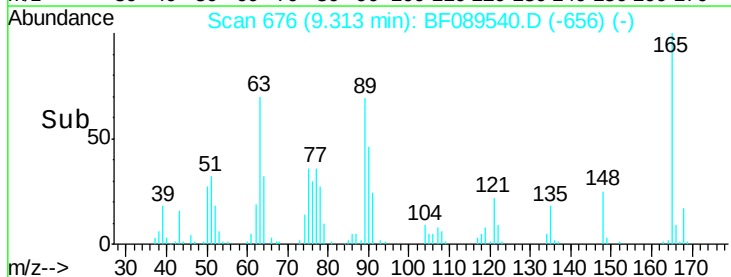
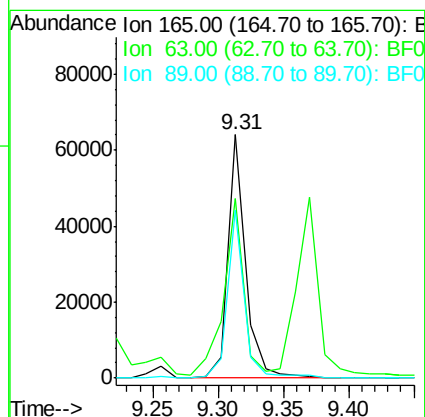
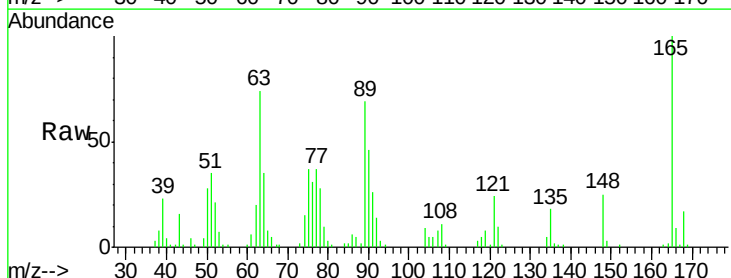
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

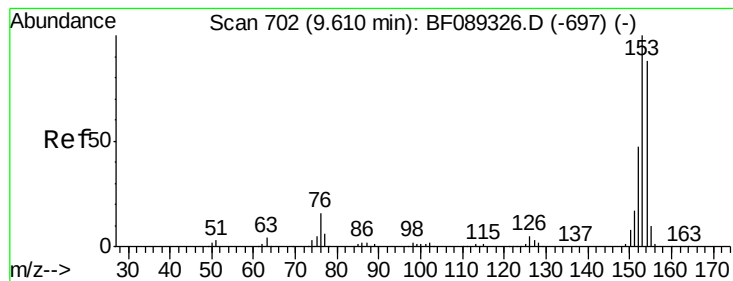
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.0	7.8	11.8



#50
2,6-Dinitrotoluene
Concen: 39.85 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.07 min
Lab File: BF089540.D
Acq: 2 Aug 2016 11:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	73.7	43.5	65.3#
89	69.0	45.0	67.4#





#51

Acenaphthene

Concen: 42.89 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

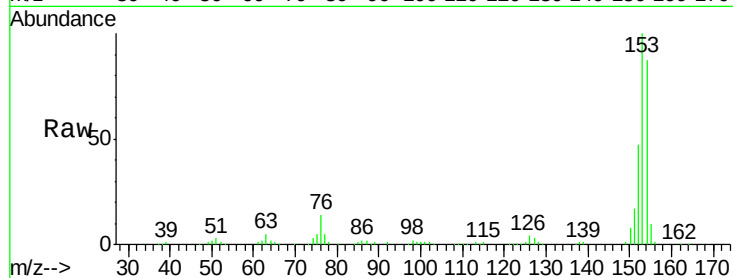
Tot Ion:154 Resp: 245382

Ion Ratio Lower Upper

154 100

153 115.2 91.4 137.2

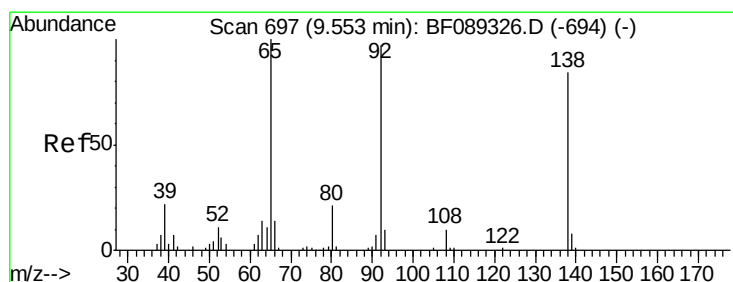
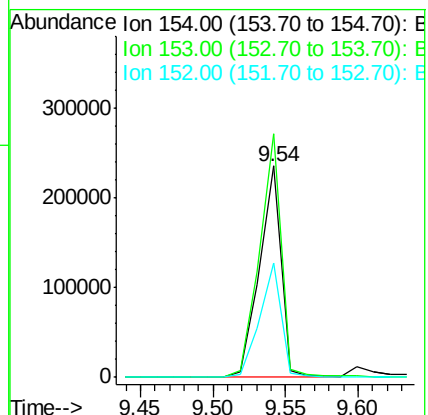
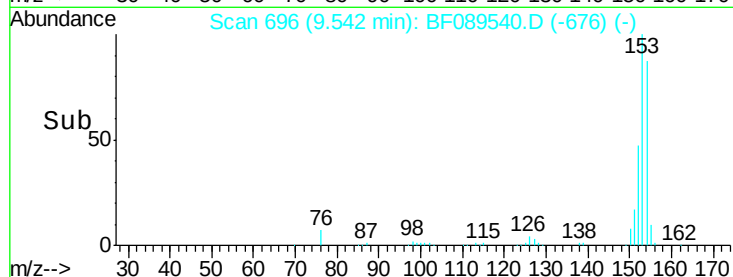
152 54.2 43.8 65.6



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: 49.89 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

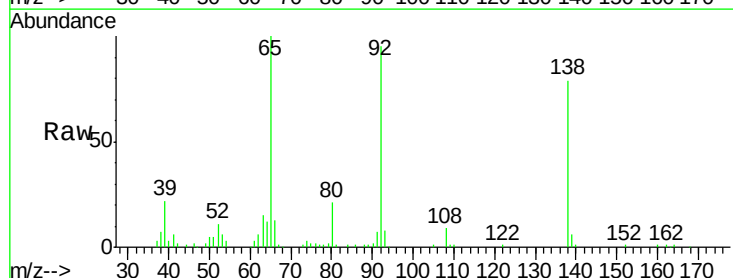
Tgt Ion:138 Resp: 80078

Ion Ratio Lower Upper

138 100

108 11.5 8.6 13.0

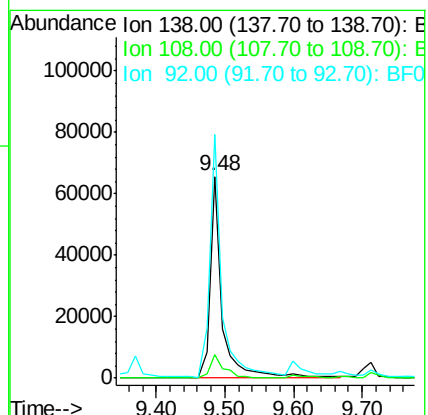
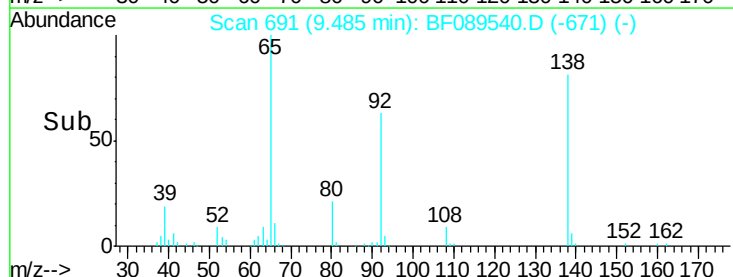
92 120.6 90.0 135.0

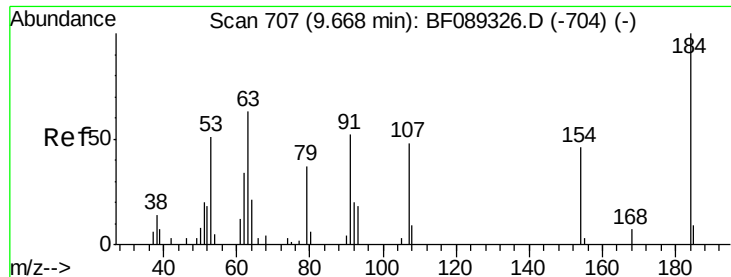


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

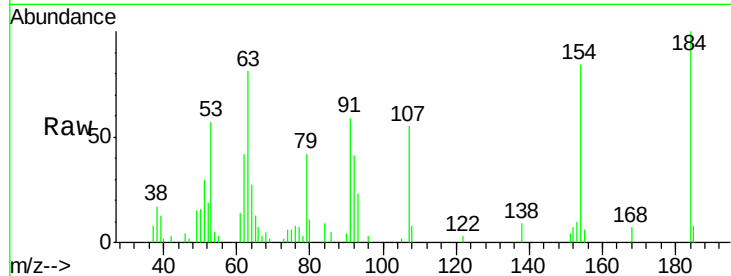




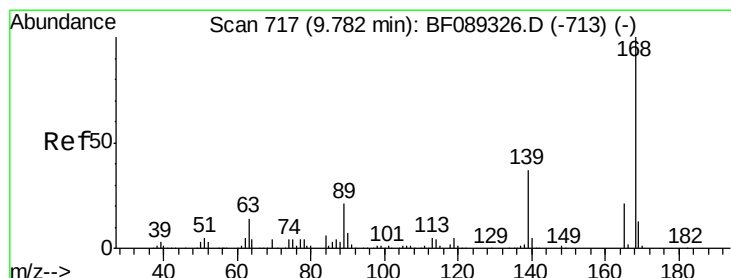
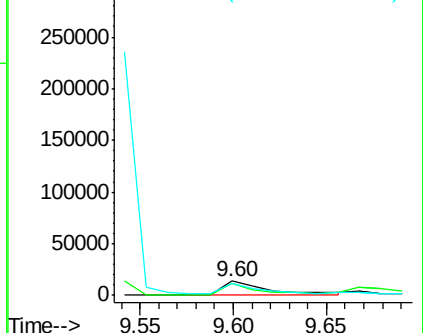
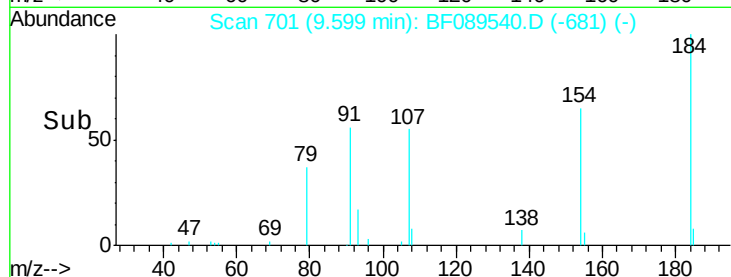
#53
 2,4-Dinitrophenol
 Concen: 45.53 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.07 min
 Lab File: BF089540.D
 Acq: 2 Aug 2016 11:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 24202
 Ion Ratio Lower Upper
 184 100
 63 81.3 60.6 90.8
 154 84.4 69.8 104.8

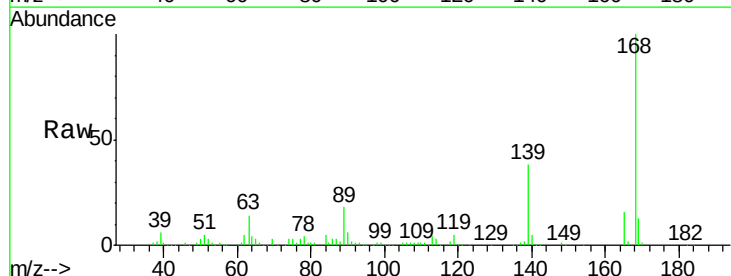


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

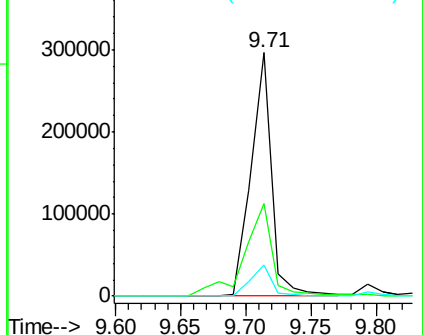
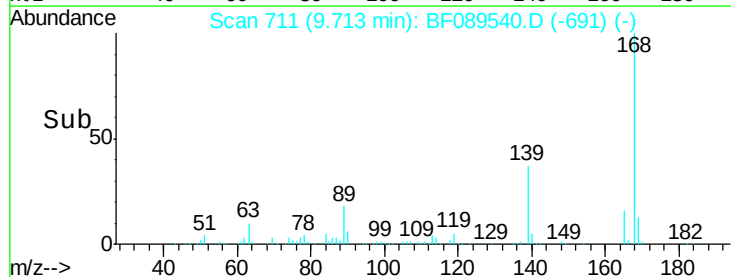


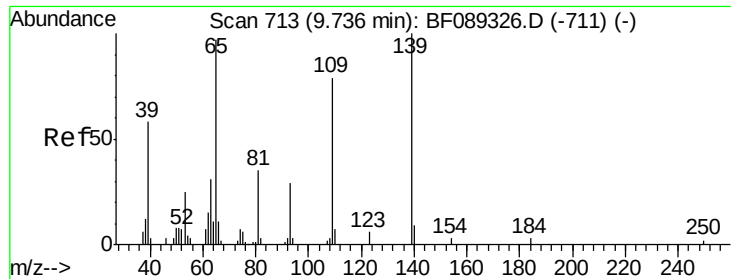
#54
 Dibenzofuran
 Concen: 41.61 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.07 min
 Lab File: BF089540.D
 Acq: 2 Aug 2016 11:46

Tgt Ion:168 Resp: 324400
 Ion Ratio Lower Upper
 168 100
 139 38.1 33.7 50.5
 169 13.0 10.7 16.1



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: 36.34 ng/mL

RT: 9.68 min Scan# 708

Delta R.T. -0.06 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

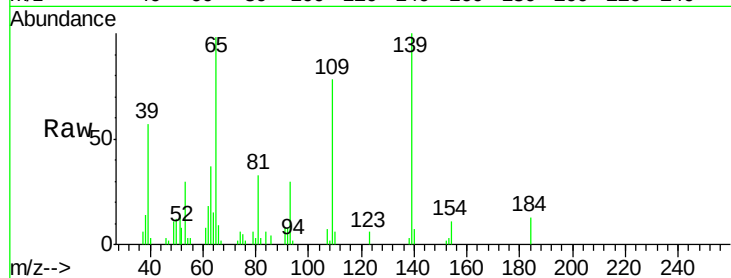
Tot Ion:139 Resp: 25551

Ion Ratio Lower Upper

139 100

109 77.7 57.8 97.8

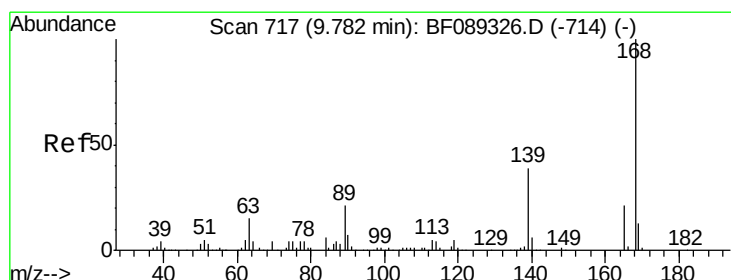
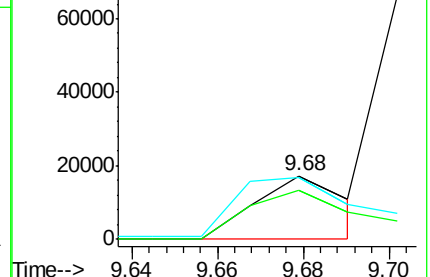
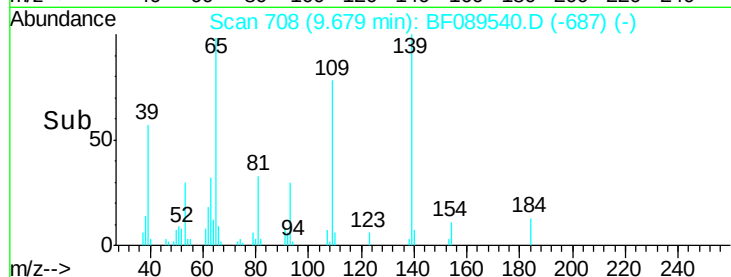
65 97.6 81.7 121.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 40.38 ng/mL

RT: 9.72 min Scan# 712

Delta R.T. -0.06 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Tgt Ion:165 Resp: 80856

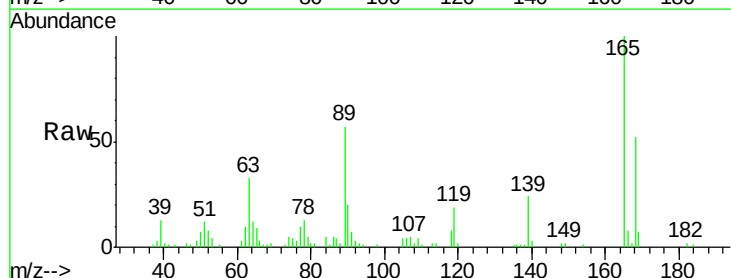
Ion Ratio Lower Upper

165 100

63 32.9 58.2 87.2#

89 57.1 79.1 118.7#

182 2.5 1.8 2.8

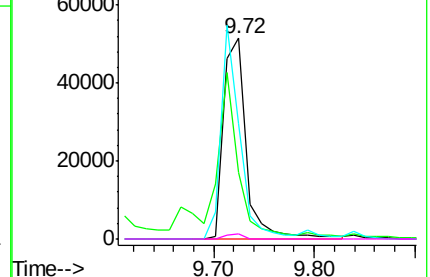
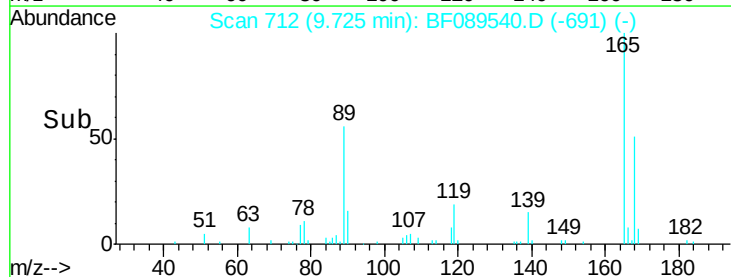


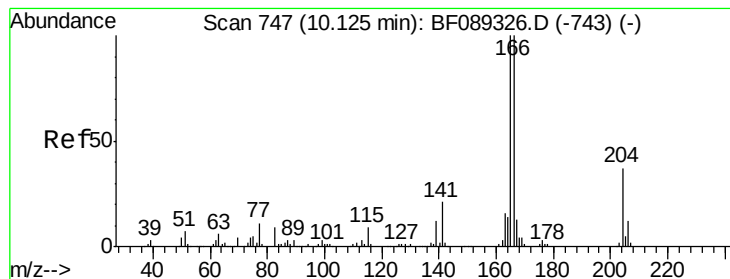
Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.44 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.08 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

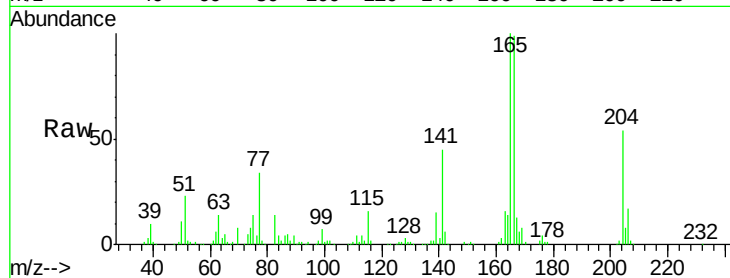
Tot Ion:166 Resp: 261586

Ion Ratio Lower Upper

166 100

165 100.8 79.0 118.4

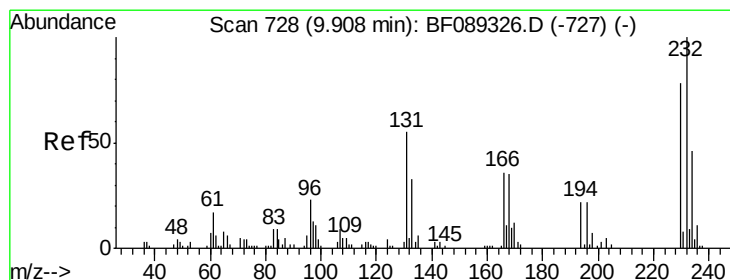
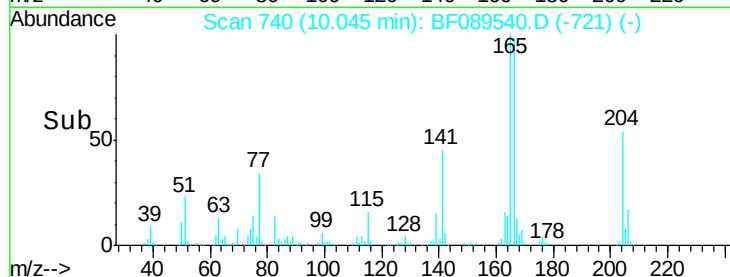
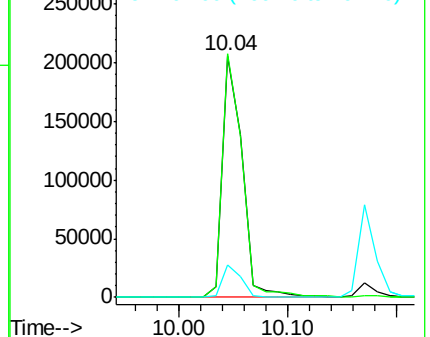
167 13.6 10.2 15.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.77 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Tgt Ion:232 Resp: 59911

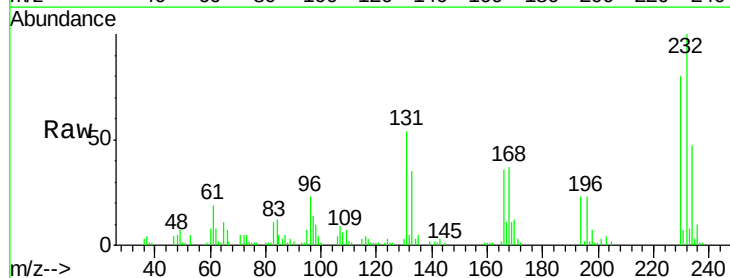
Ion Ratio Lower Upper

232 100

131 54.2 42.7 64.1

130 2.2 1.7 2.5

166 34.9 25.7 38.5

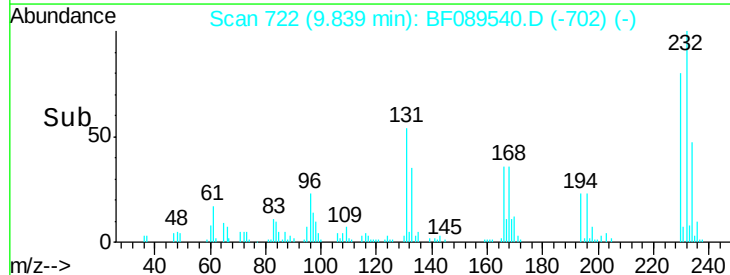
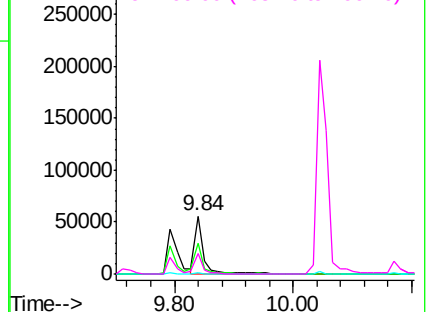


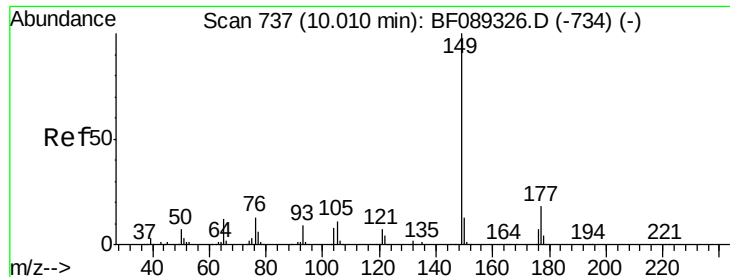
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

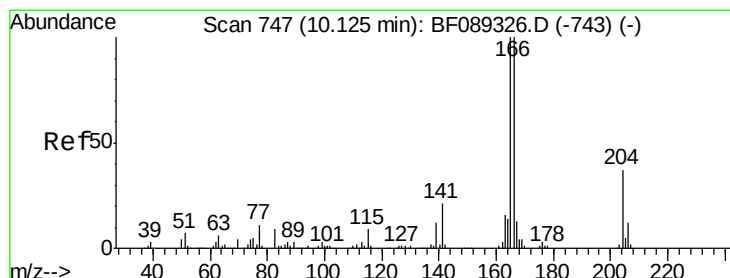
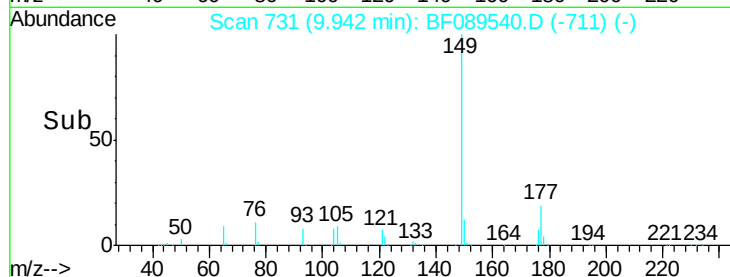
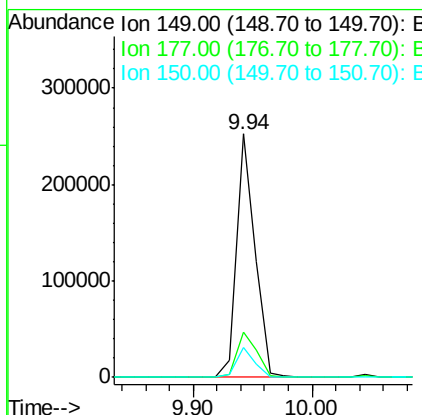
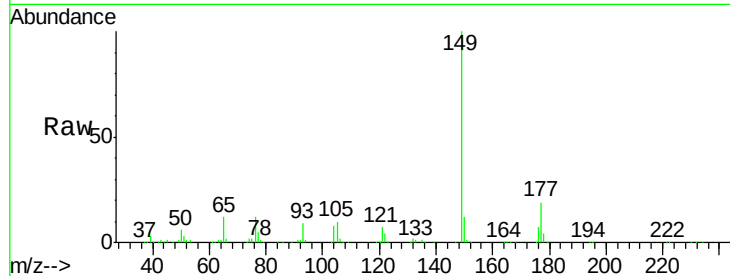




#59
Diethylphthalate
Concen: 36.56 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.07 min
Lab File: BF089540.D
Acq: 2 Aug 2016 11:46

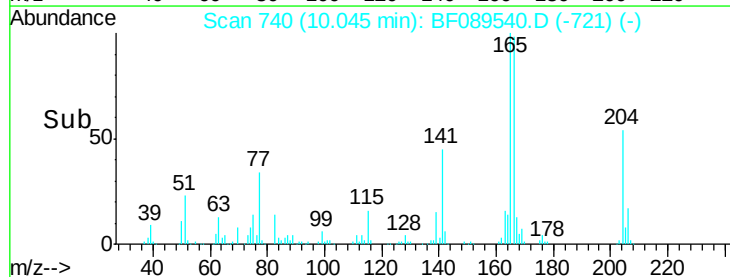
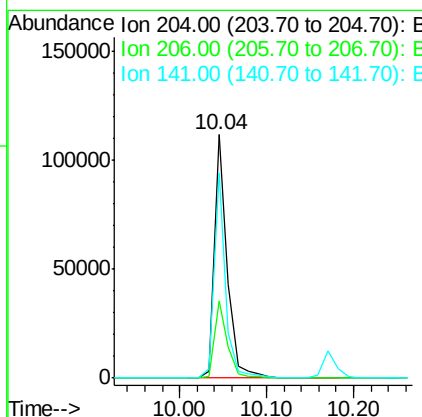
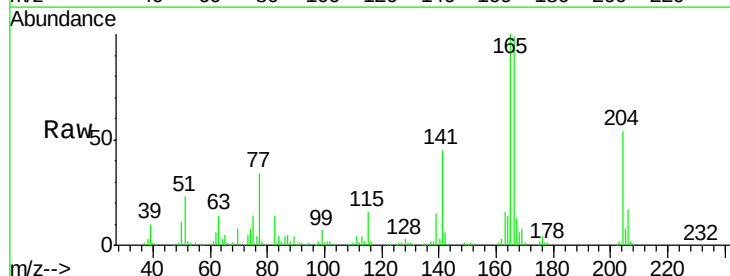
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

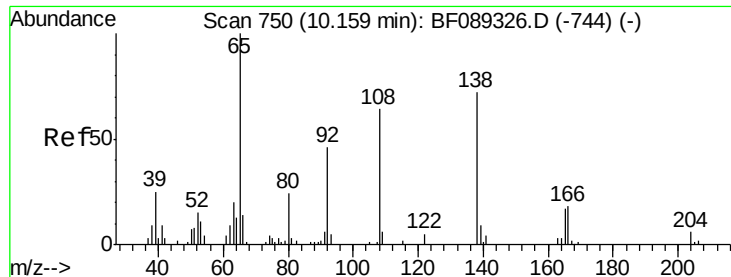
Tot Ion:149 Resp: 274357
Ion Ratio Lower Upper
149 100
177 18.6 15.1 22.7
150 12.3 10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 37.57 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.08 min
Lab File: BF089540.D
Acq: 2 Aug 2016 11:46

Tgt Ion:204 Resp: 117266
Ion Ratio Lower Upper
204 100
206 31.5 26.6 39.8
141 84.4 46.6 70.0#

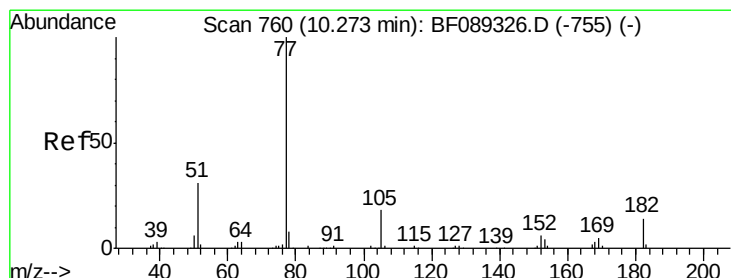
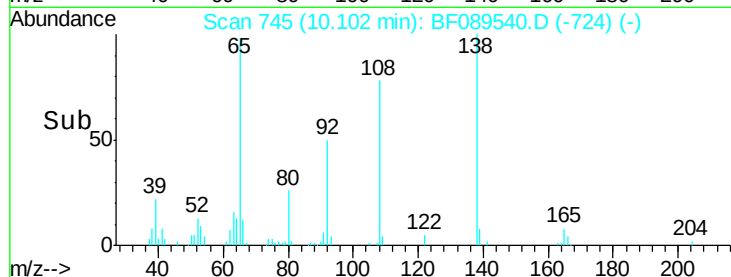
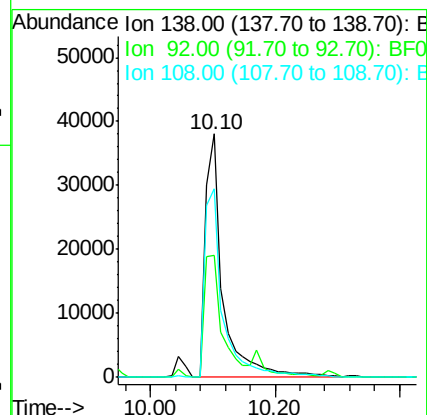
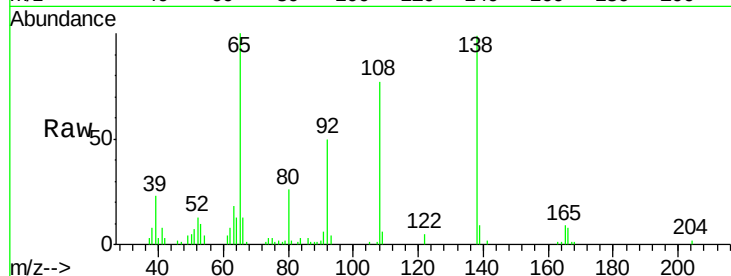




#61
4-Nitroaniline
Concen: 45.05 ng
RT: 10.10 min Scan# 745
Delta R.T. -0.06 min
Lab File: BF089540.D
Acq: 2 Aug 2016 11:46

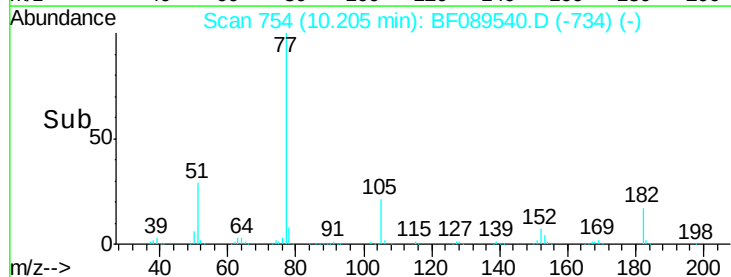
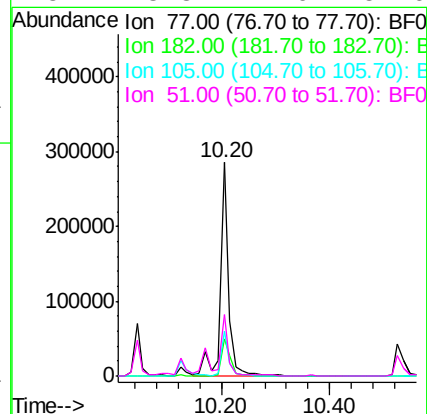
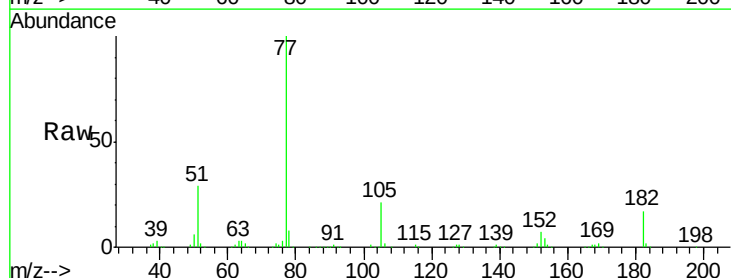
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

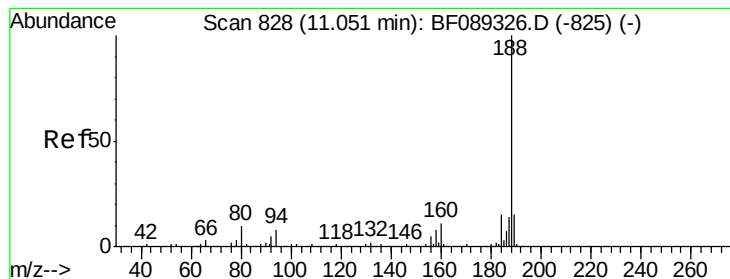
Tot Ion:138 Resp: 74539
Ion Ratio Lower Upper
138 100
92 50.2 41.2 81.2
108 77.7 69.6 109.6



#62
Azobenzene
Concen: 40.35 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.07 min
Lab File: BF089540.D
Acq: 2 Aug 2016 11:46

Tgt Ion: 77 Resp: 311847
Ion Ratio Lower Upper
77 100
182 17.4 0.0 33.8
105 20.7 0.0 39.8
51 28.8 11.0 51.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.97 min Scan# 821

Delta R.T. -0.08 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

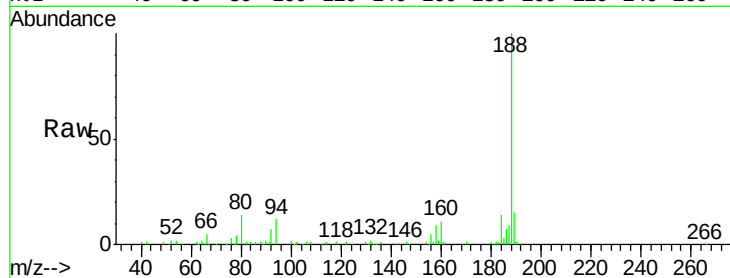
Tot Ion:188 Resp: 187411

Ion Ratio Lower Upper

188 100

94 12.3 6.5 9.7#

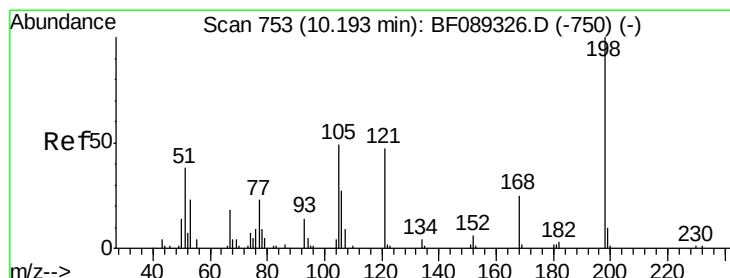
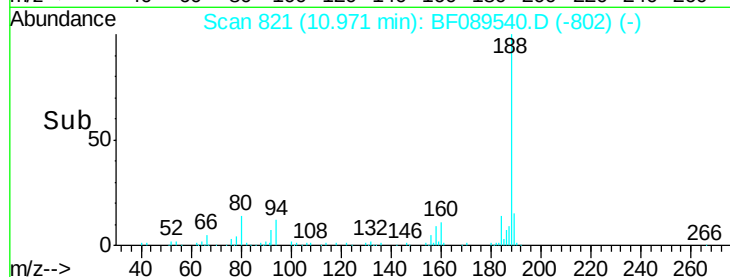
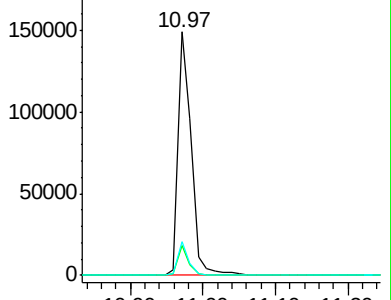
80 13.7 7.2 10.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.83 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

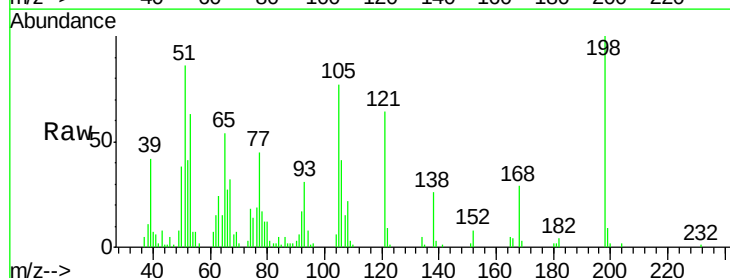
Tgt Ion:198 Resp: 44130

Ion Ratio Lower Upper

198 100

51 86.2 23.0 63.0#

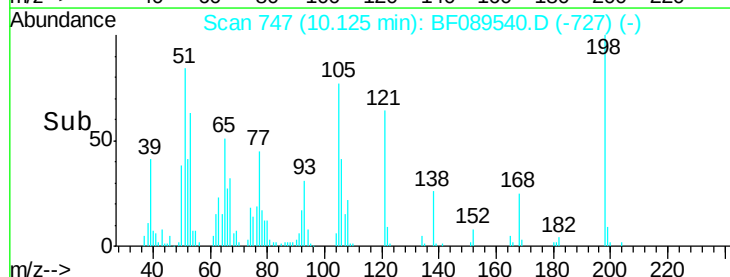
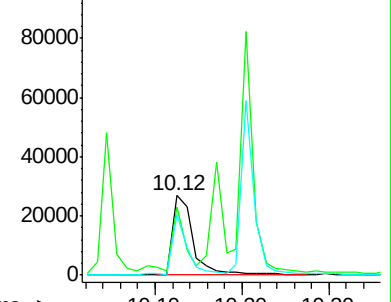
105 76.6 28.3 68.3#

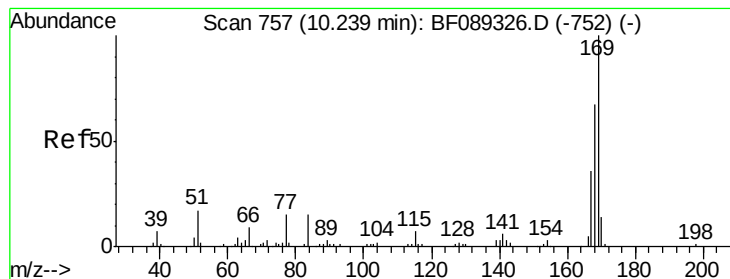


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.00 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

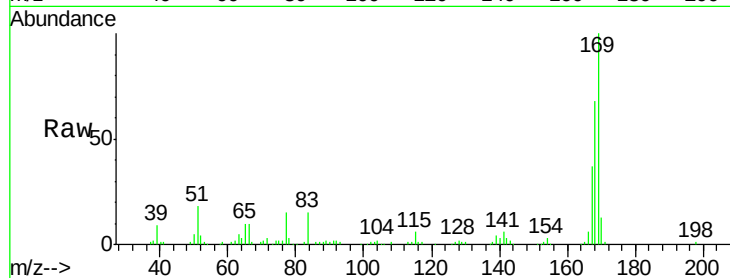
Tot Ion:169 Resp: 233932

Ion Ratio Lower Upper

169 100

168 67.6 55.4 83.0

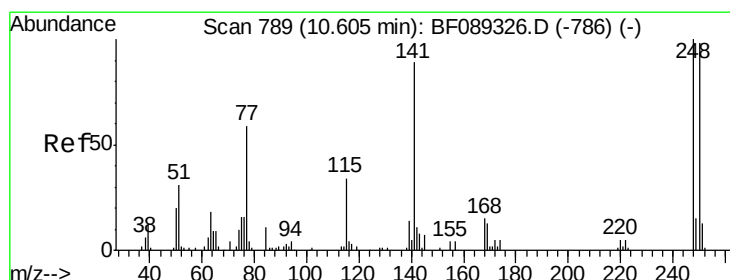
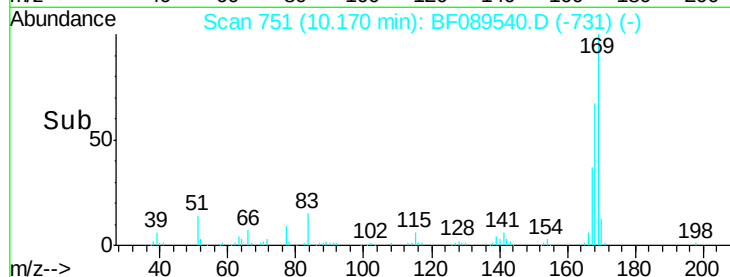
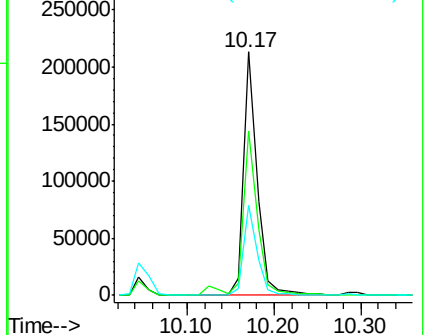
167 36.8 29.7 44.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.15 ng

RT: 10.54 min Scan# 783

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

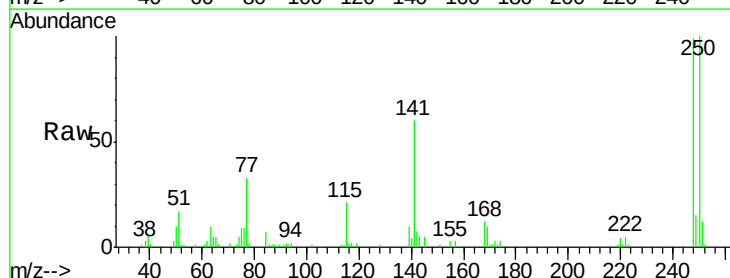
Tgt Ion:248 Resp: 68263

Ion Ratio Lower Upper

248 100

250 100.9 78.2 117.2

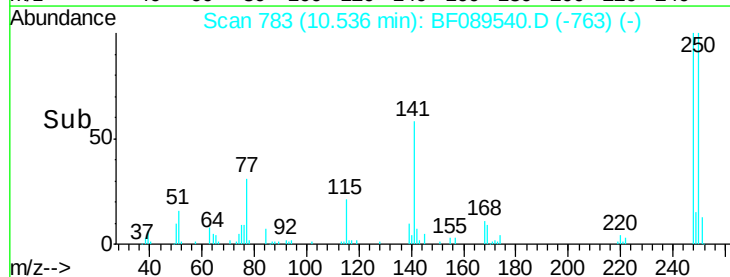
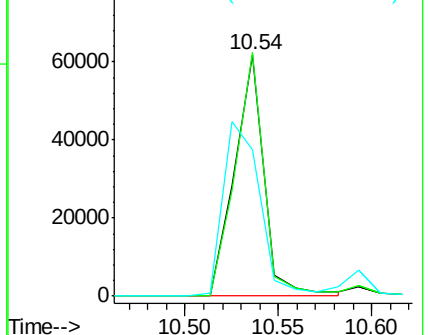
141 60.6 62.0 93.0#

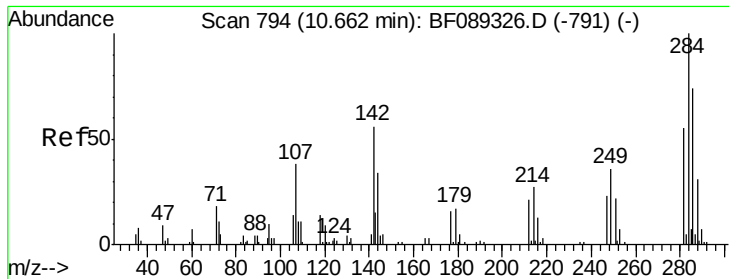


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

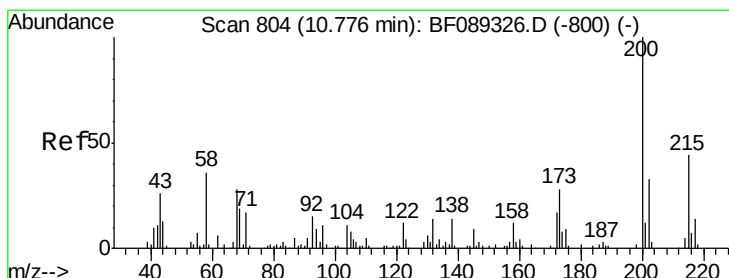
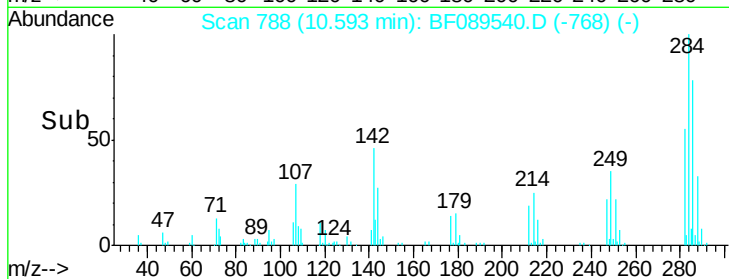
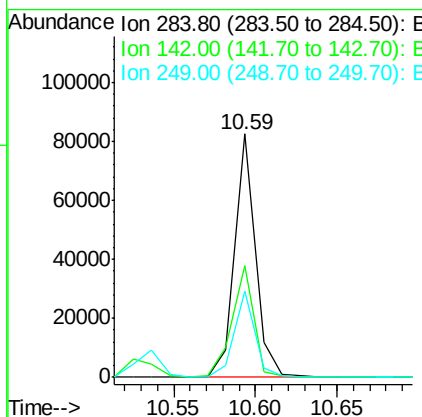
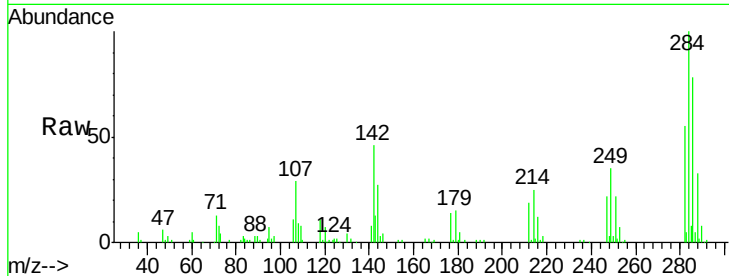




#67
Hexachlorobenzene
Concen: 39.33 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.07 min
Lab File: BF089540.D
Acq: 2 Aug 2016 11:46

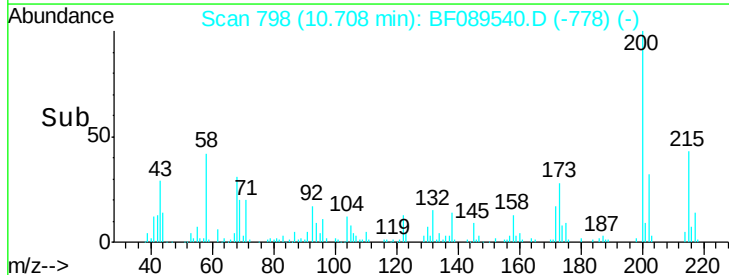
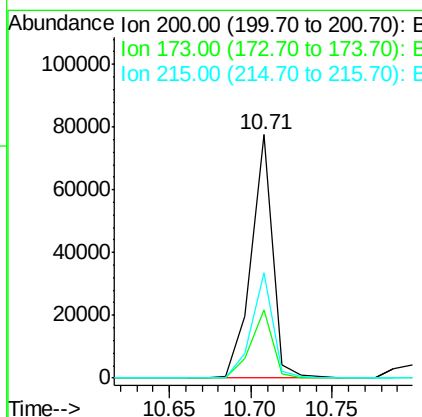
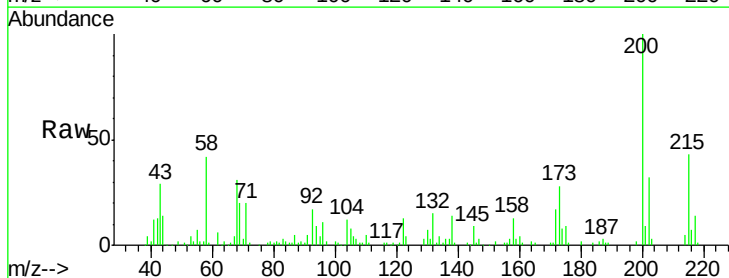
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

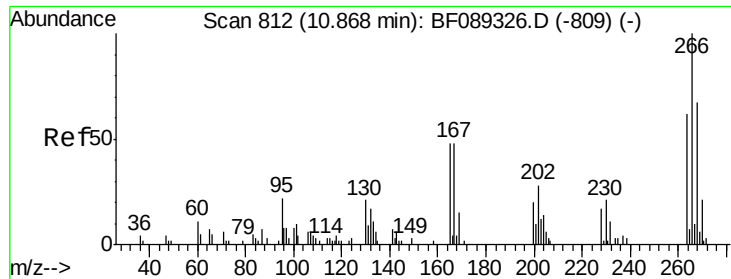
Tot Ion:284 Resp: 72116
Ion Ratio Lower Upper
284 100
142 45.9 42.2 63.4
249 35.4 29.4 44.0



#68
Atrazine
Concen: 39.55 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.07 min
Lab File: BF089540.D
Acq: 2 Aug 2016 11:46

Tgt Ion:200 Resp: 71047
Ion Ratio Lower Upper
200 100
173 28.1 6.0 46.0
215 43.2 24.3 64.3

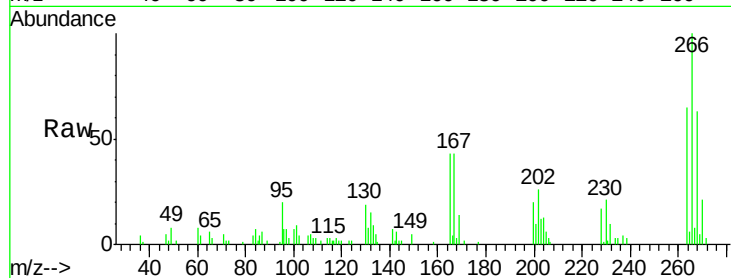




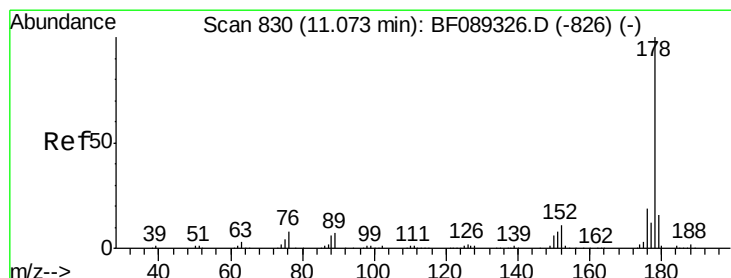
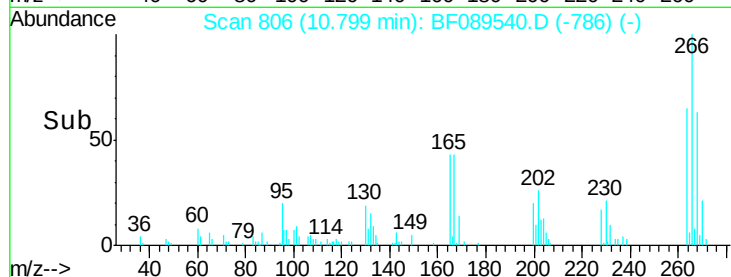
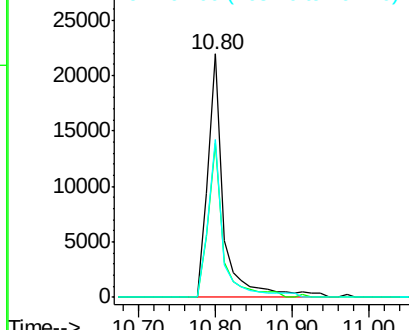
#69
 Pentachlorophenol
 Concen: 38.41 ng
 RT: 10.80 min Scan# 806
 Delta R.T. -0.07 min
 Lab File: BF089540.D
 Acq: 2 Aug 2016 11:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 31099
 Ion Ratio Lower Upper
 266 100
 268 63.3 49.4 74.2
 264 64.9 50.2 75.2

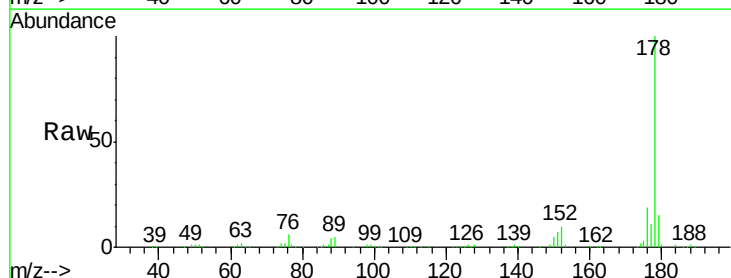


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

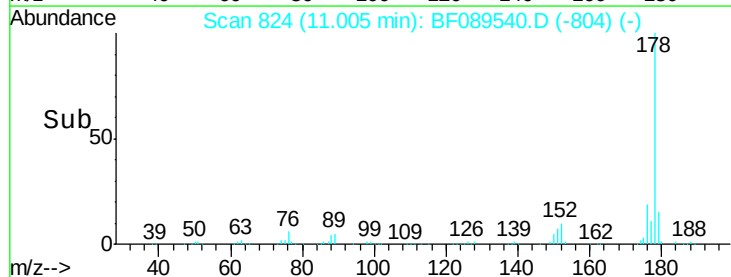
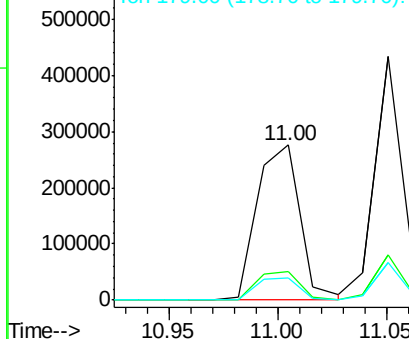


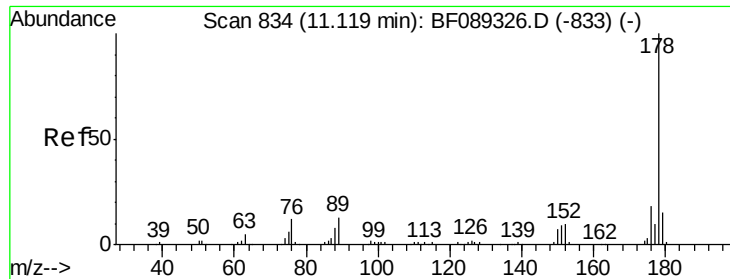
#70
 Phenanthrene
 Concen: 39.50 ng
 RT: 11.00 min Scan# 824
 Delta R.T. -0.07 min
 Lab File: BF089540.D
 Acq: 2 Aug 2016 11:46

Tgt Ion:178 Resp: 381799
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.5 23.3
 179 14.6 12.3 18.5



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

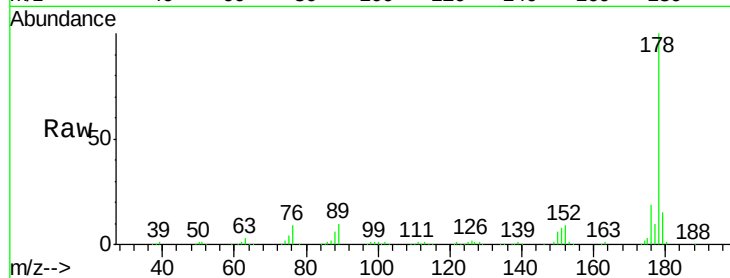




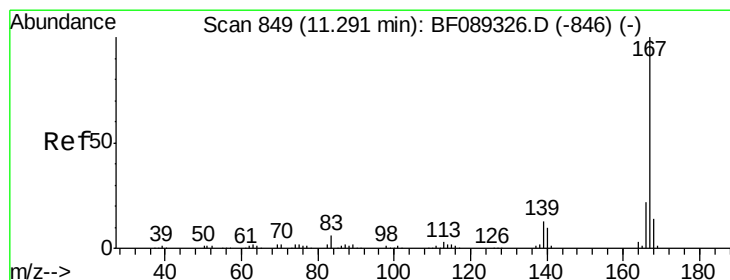
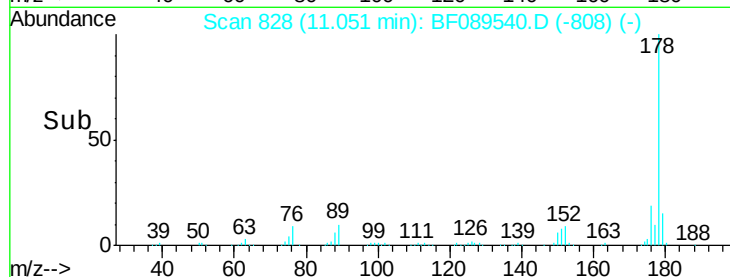
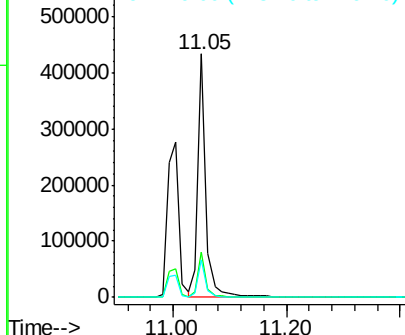
#71
 Anthracene
 Concen: 39.59 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.07 min
 Lab File: BF089540.D
 Acq: 2 Aug 2016 11:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 425493
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.8 22.2
 179 15.5 12.6 18.8

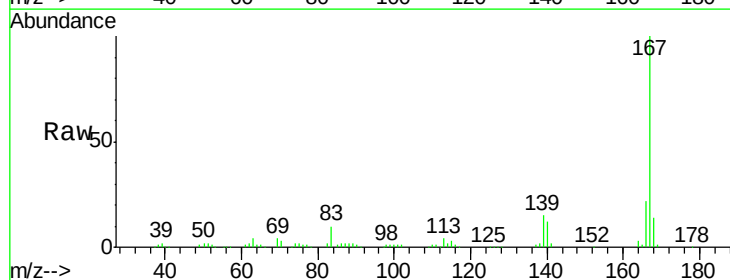


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

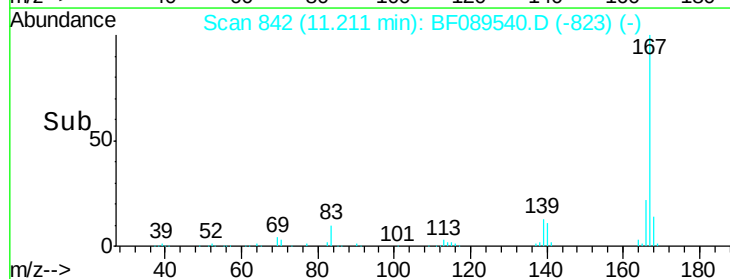
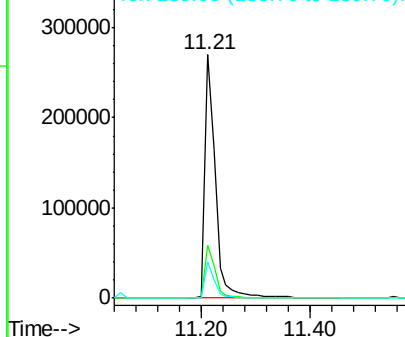


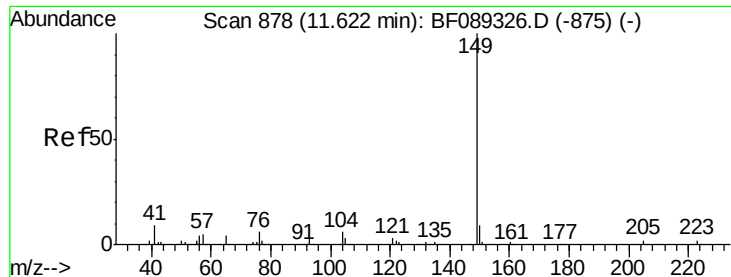
#72
 Carbazole
 Concen: 40.02 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.08 min
 Lab File: BF089540.D
 Acq: 2 Aug 2016 11:46

Tgt Ion:167 Resp: 362026
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 14.7 10.1 15.1



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: 34.96 ng

RT: 11.55 min Scan# 872

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

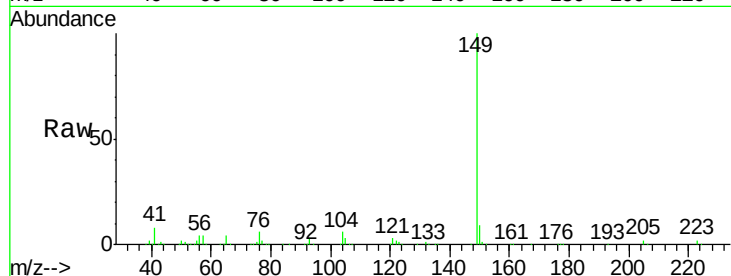
Tot Ion:149 Resp: 424273

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

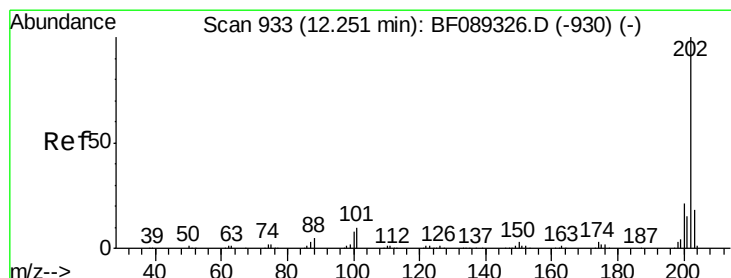
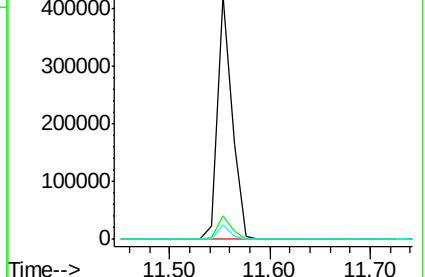
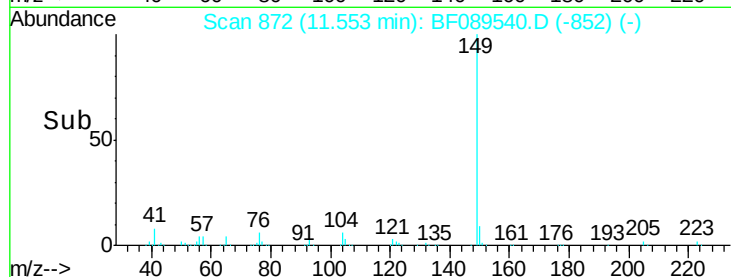
104 5.9 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.82 ng

RT: 12.17 min Scan# 926

Delta R.T. -0.08 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

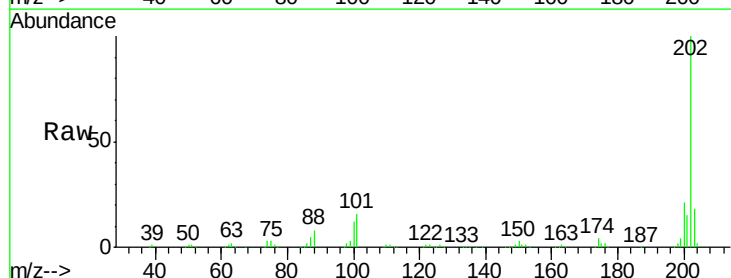
Tgt Ion:202 Resp: 404825

Ion Ratio Lower Upper

202 100

101 15.7 0.0 29.9

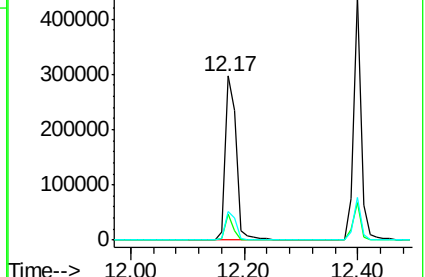
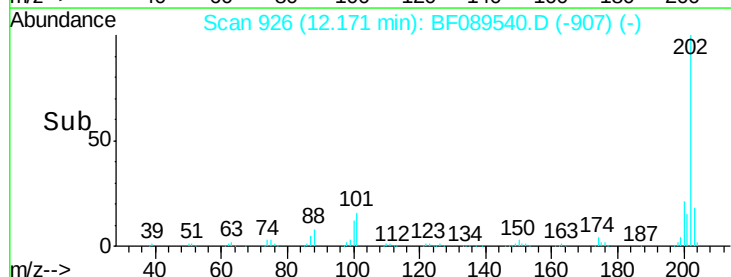
203 17.7 0.0 37.3

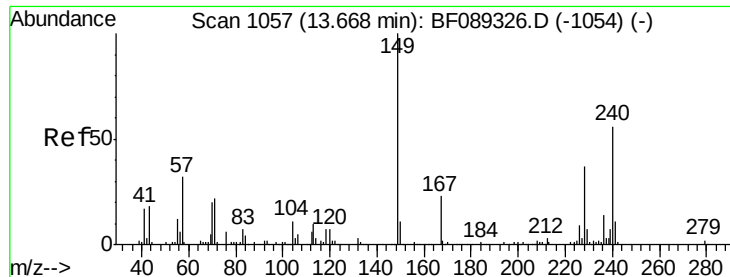


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.60 min Scan# 1051

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

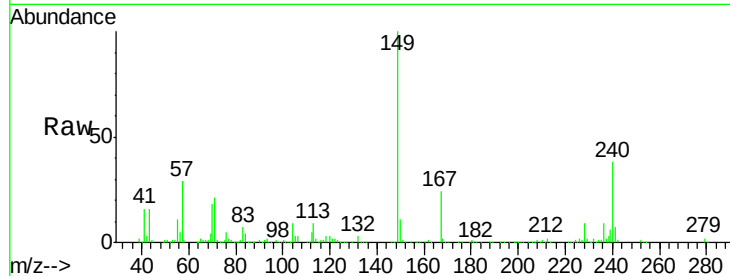
Tot Ion:240 Resp: 130241

Ion Ratio Lower Upper

240 100

120 9.0 9.1 13.7#

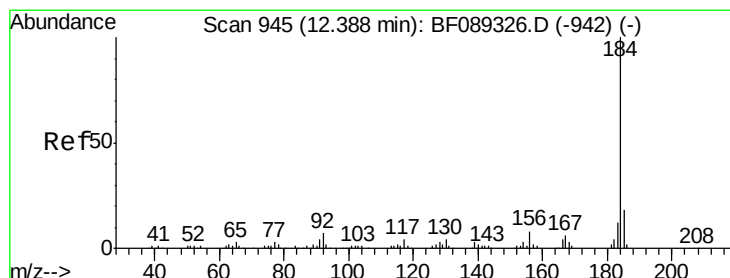
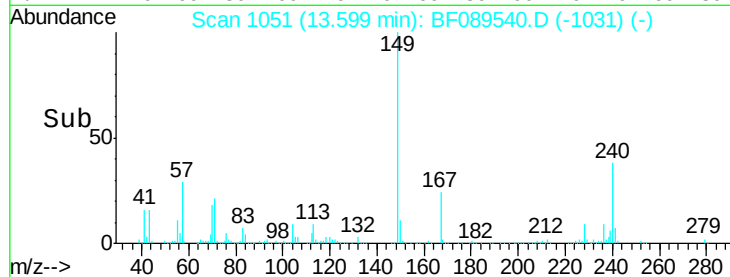
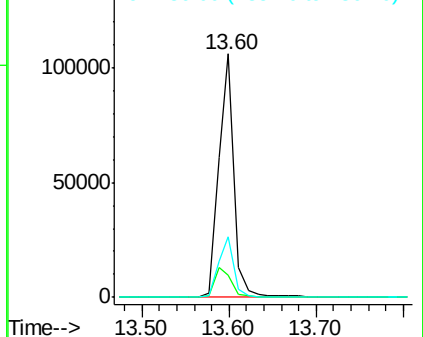
236 24.7 20.6 30.8



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: 38.79 ng

RT: 12.31 min Scan# 938

Delta R.T. -0.08 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

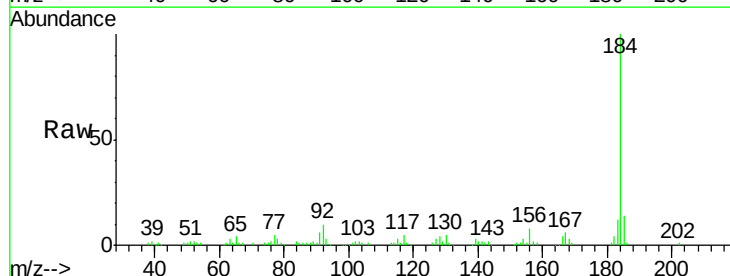
Tgt Ion:184 Resp: 186662

Ion Ratio Lower Upper

184 100

185 14.1 13.5 20.3

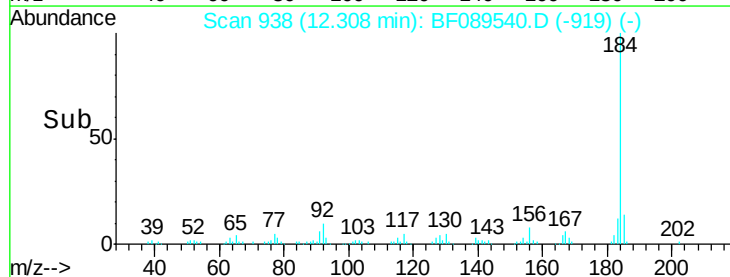
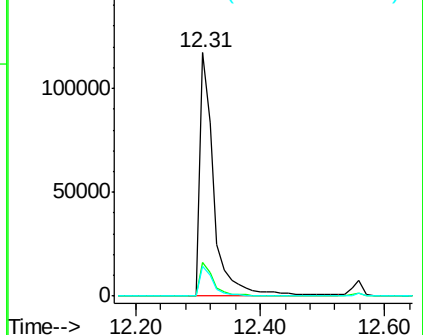
183 12.0 9.8 14.6

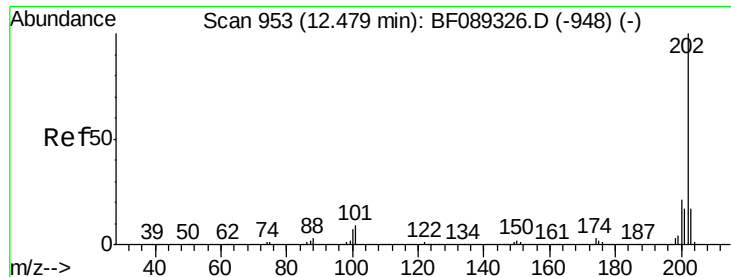


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

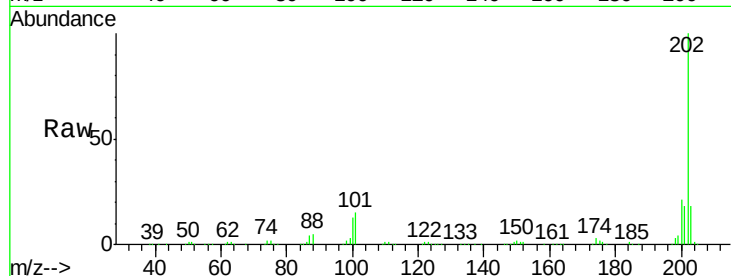




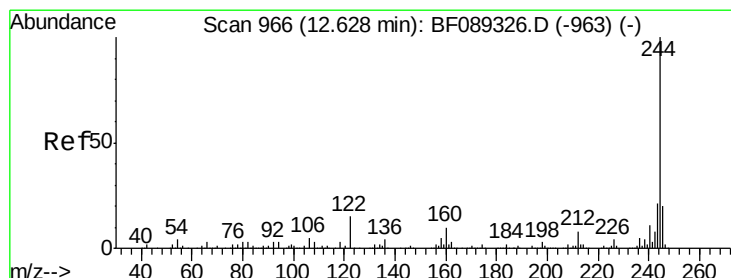
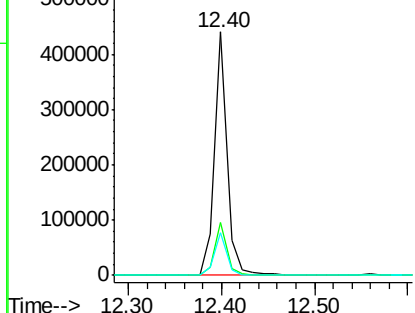
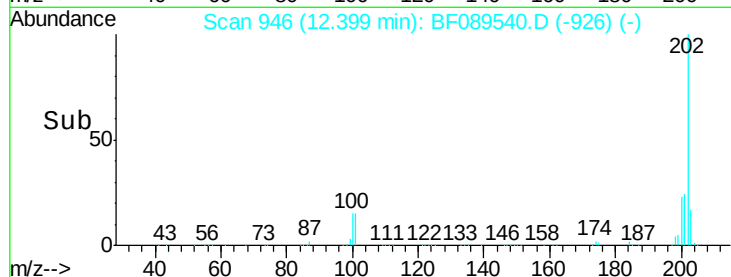
#77
Pvrene
Concen: 41.75 ng
RT: 12.40 min Scan# 946
Delta R.T. -0.07 min
Lab File: BF089540.D
Acq: 2 Aug 2016 11:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 412090
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 17.5 14.0 21.0

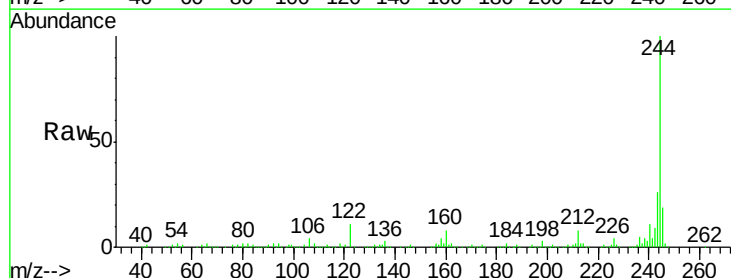


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

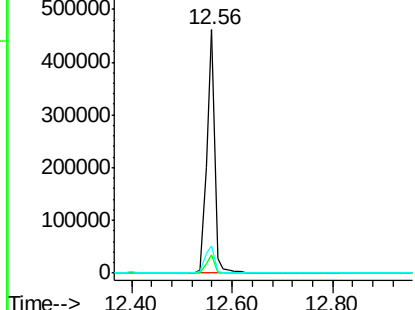
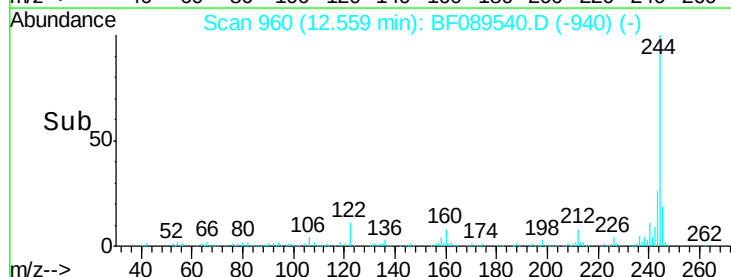


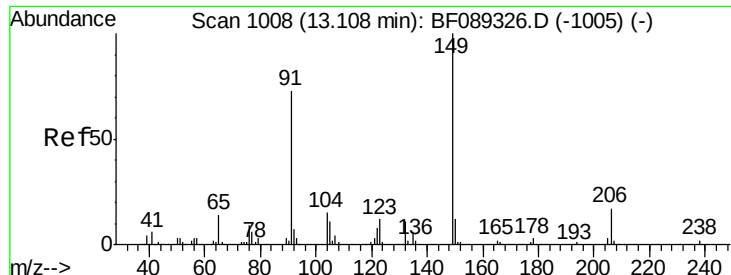
#78
Terphenyl-d14
Concen: 89.23 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.07 min
Lab File: BF089540.D
Acq: 2 Aug 2016 11:46

Tgt Ion:244 Resp: 496547
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 11.0 11.4 17.0#



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

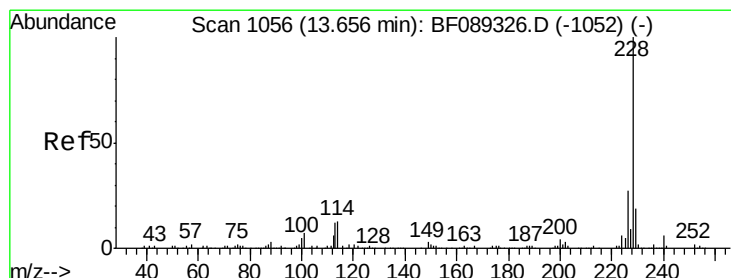
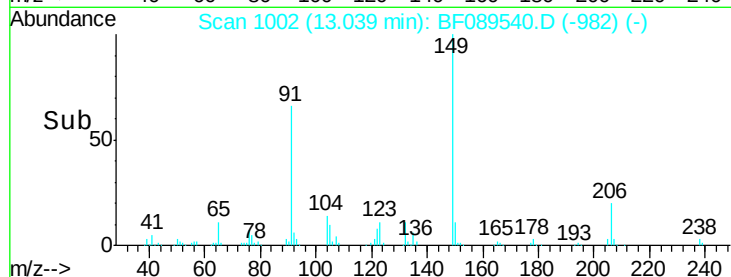
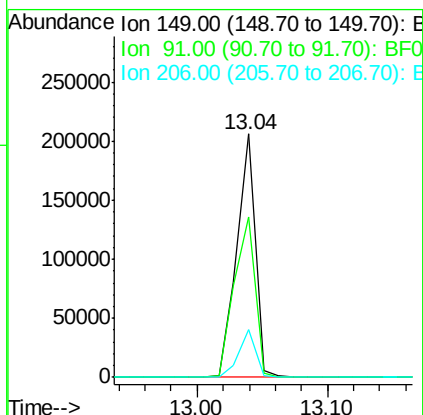
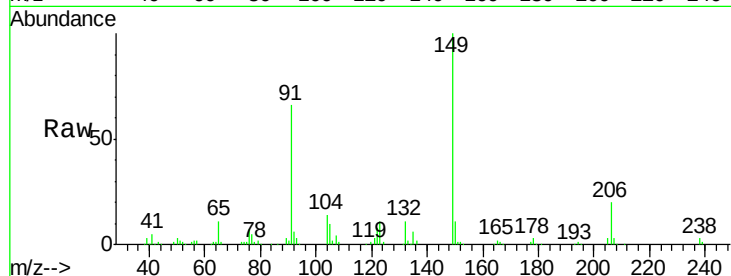




#79
Butylbenzylphthalate
Concen: 45.38 ng
RT: 13.04 min Scan# 1002
Delta R.T. -0.07 min
Lab File: BF089540.D
Acq: 2 Aug 2016 11:46

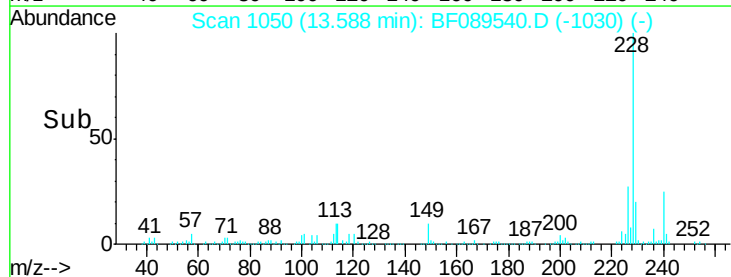
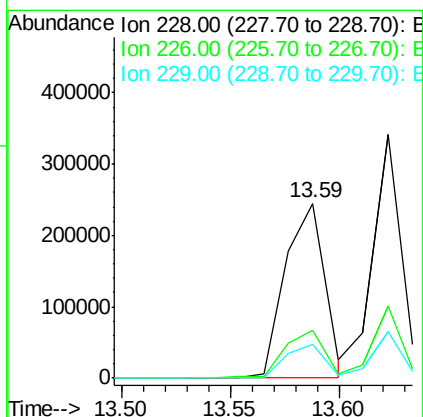
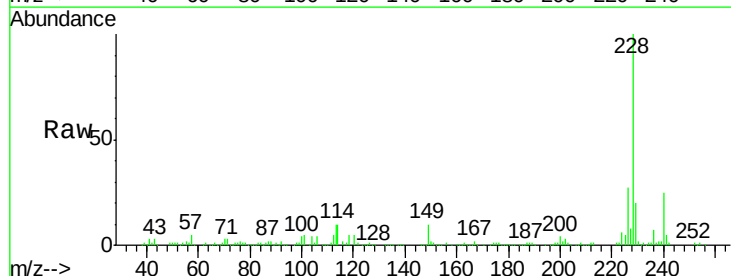
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

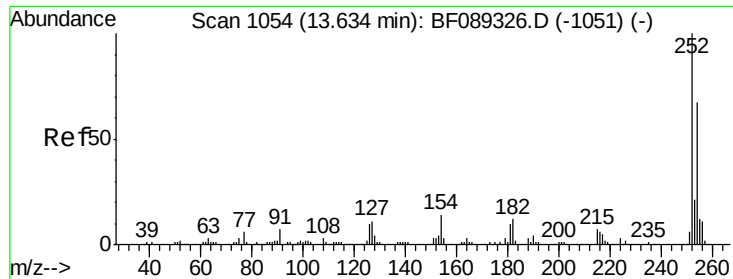
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.1	58.5	87.7
206	19.6	13.8	20.8



#80
Benzo(a)anthracene
Concen: 42.46 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.07 min
Lab File: BF089540.D
Acq: 2 Aug 2016 11:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.4	32.2
229	19.7	15.9	23.9

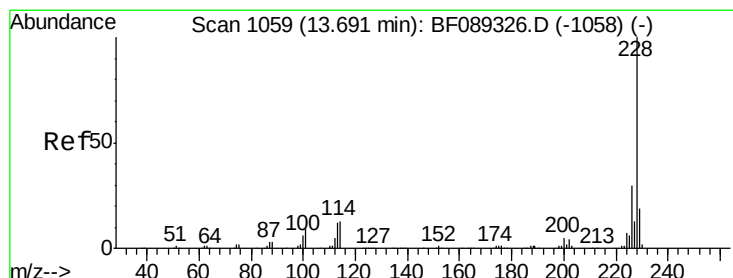
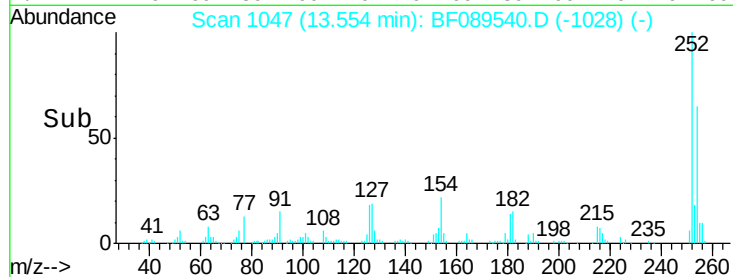
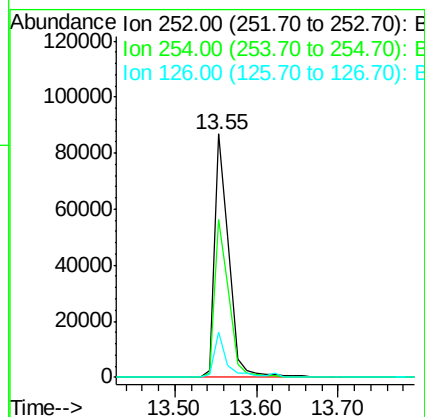
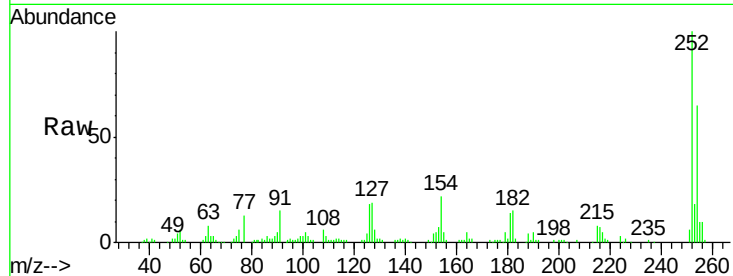




#81
 3,3'-Dichlorobenzidine
 Concen: 40.07 ng
 RT: 13.55 min Scan# 1047
 Delta R.T. -0.08 min
 Lab File: BF089540.D
 Acq: 2 Aug 2016 11:46

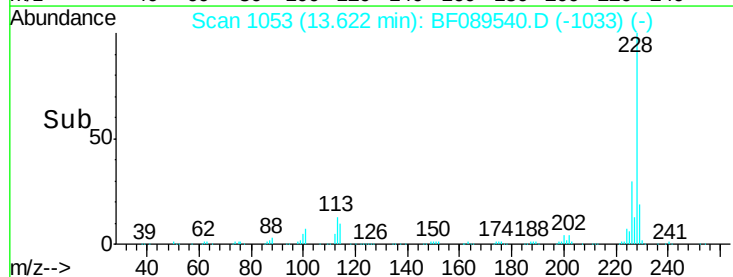
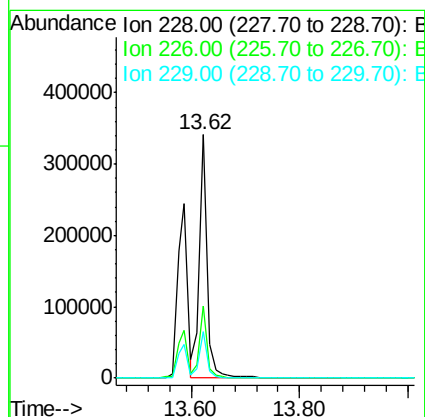
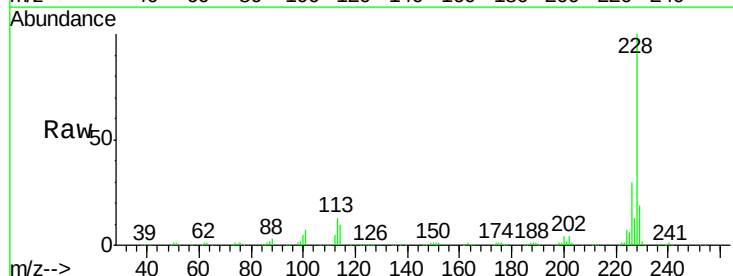
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

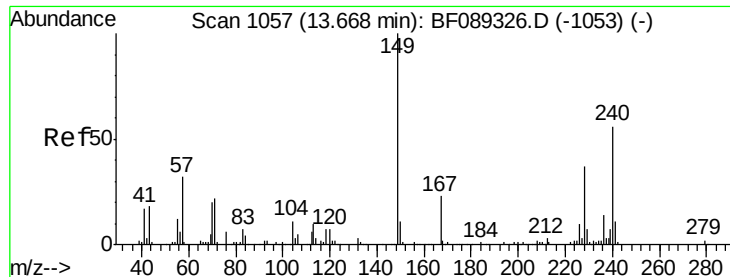
Tot Ion:252 Resp: 105985
 Ion Ratio Lower Upper
 252 100
 254 64.8 52.5 78.7
 126 18.3 7.4 11.2#



#82
 Chrysene
 Concen: 42.77 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.07 min
 Lab File: BF089540.D
 Acq: 2 Aug 2016 11:46

Tgt Ion:228 Resp: 334603
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.2 36.2
 229 19.3 15.9 23.9

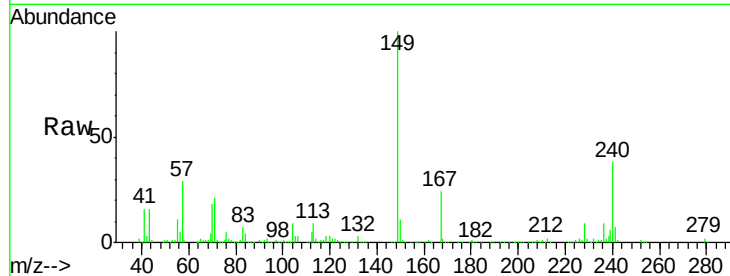




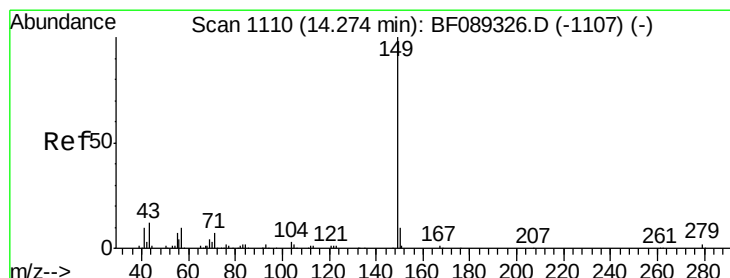
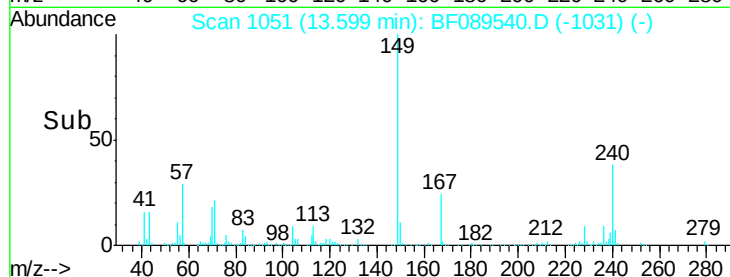
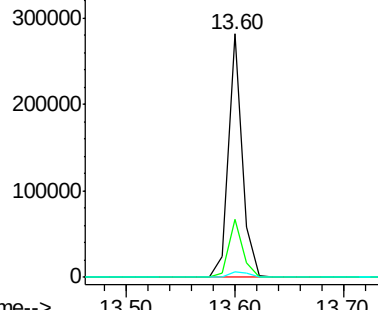
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.15 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.07 min
 Lab File: BF089540.D
 Acq: 2 Aug 2016 11:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:149 Resp: 253979
 Ion Ratio Lower Upper
 149 100
 167 23.9 18.8 28.2
 279 2.0 1.4 2.0

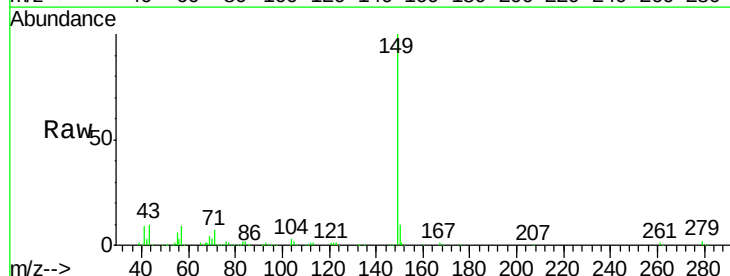


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

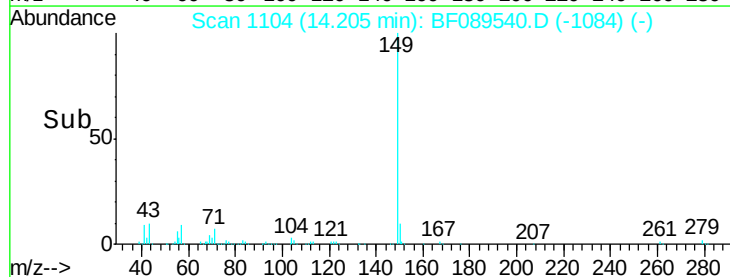
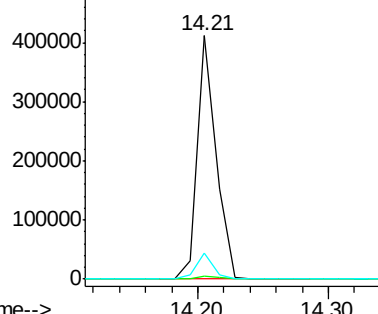


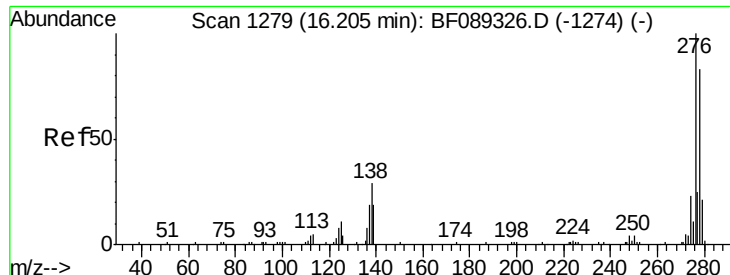
#84
 Di-n-octyl phthalate
 Concen: 40.68 ng
 RT: 14.21 min Scan# 1104
 Delta R.T. -0.07 min
 Lab File: BF089540.D
 Acq: 2 Aug 2016 11:46

Tgt Ion:149 Resp: 411799
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 9.7 7.3 10.9



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

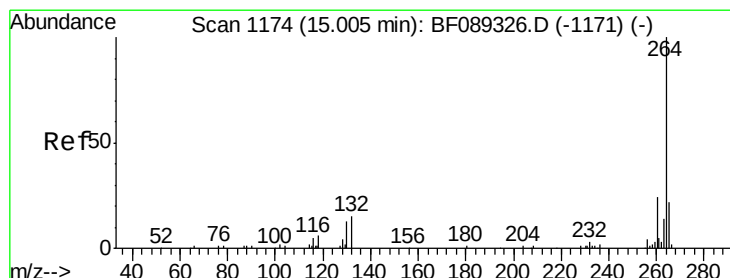
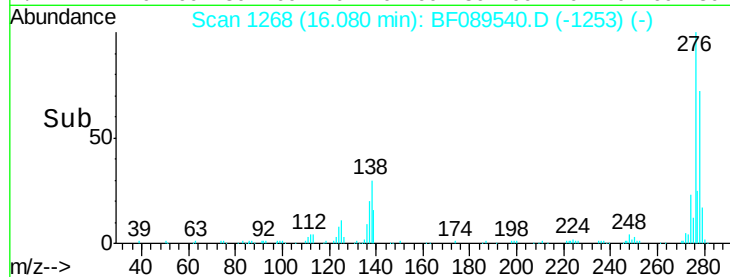
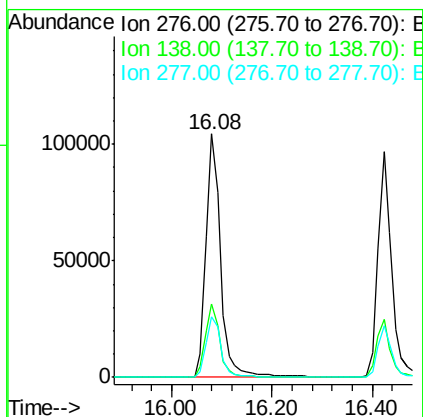
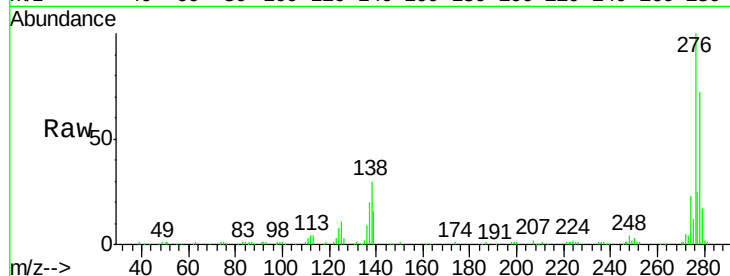




#85
Indeno(1,2,3-cd)pyrene
Concen: 38.42 ng
RT: 16.08 min Scan# 1268
Delta R.T. -0.13 min
Lab File: BF089540.D
Acq: 2 Aug 2016 11:46

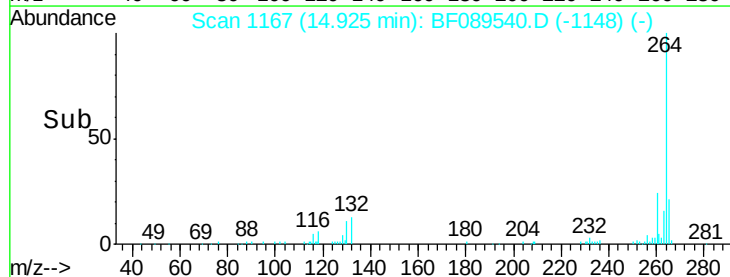
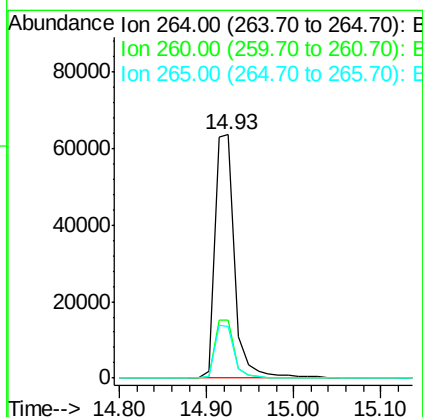
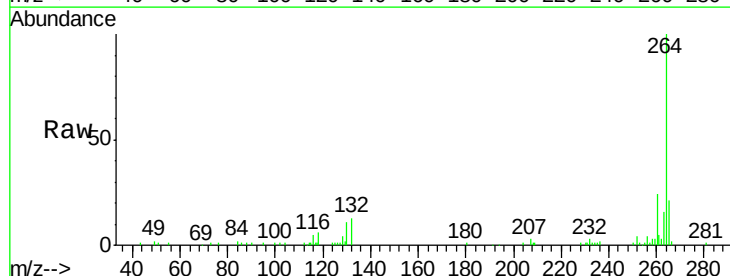
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

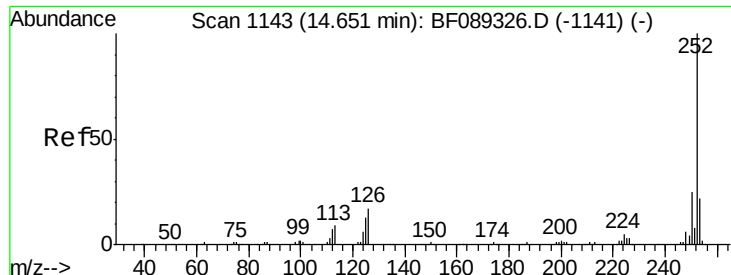
Tot Ion:276 Resp: 213692
Ion Ratio Lower Upper
276 100
138 29.6 23.0 34.4
277 25.6 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.08 min
Lab File: BF089540.D
Acq: 2 Aug 2016 11:46

Tgt Ion:264 Resp: 102068
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 21.0 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 45.56 ng m

RT: 14.58 min Scan# 1137

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

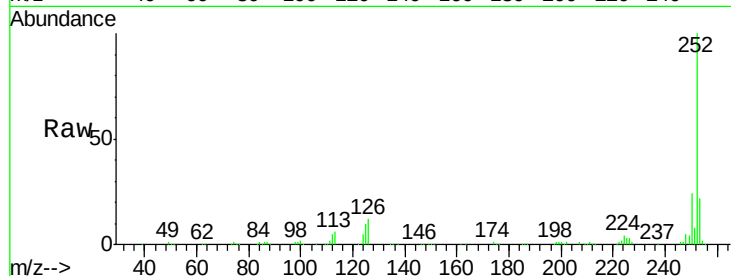
Tot Ion:252 Resp: 288787

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

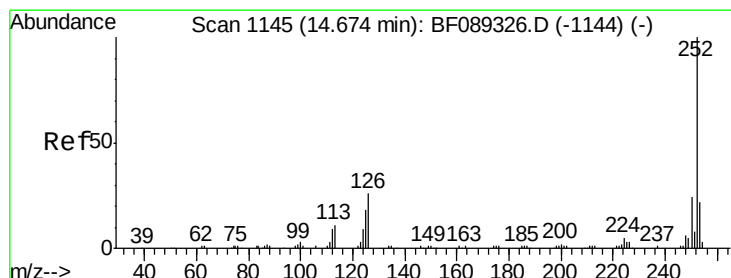
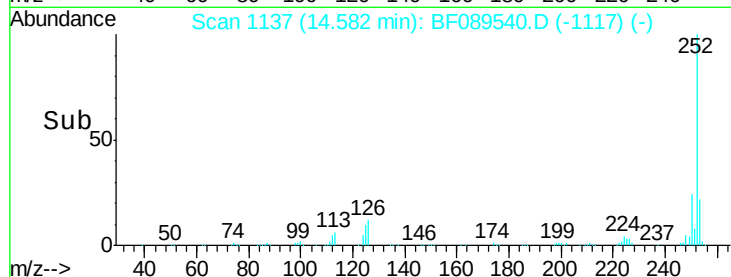
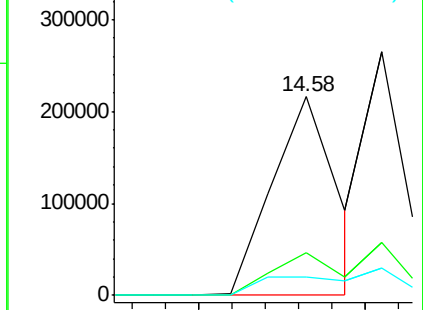
125 9.6 9.7 14.5#



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: 38.48 ng m

RT: 14.61 min Scan# 1139

Delta R.T. -0.07 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

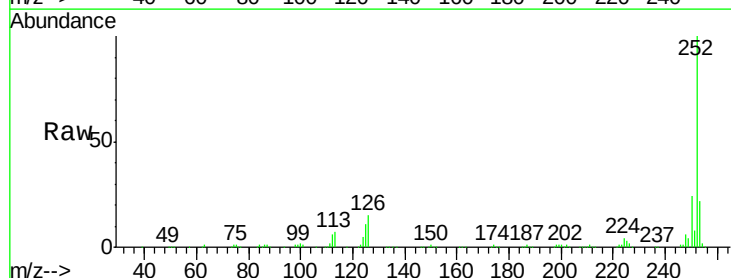
Tgt Ion:252 Resp: 224275

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

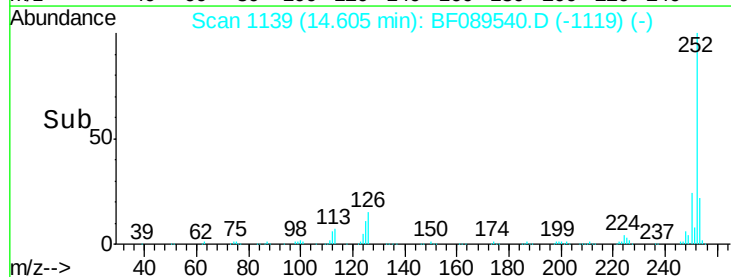
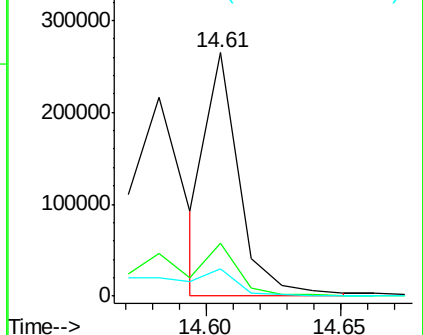
125 11.0 10.7 16.1

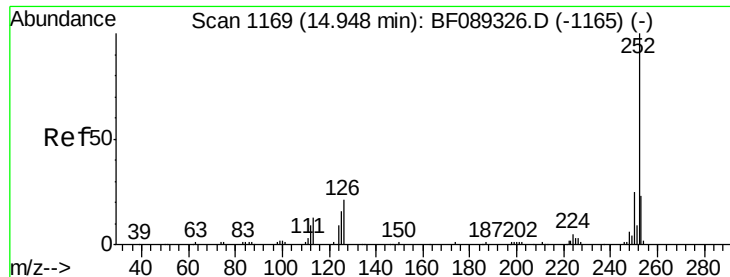


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.86 ng

RT: 14.87 min Scan# 1162

Delta R.T. -0.08 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

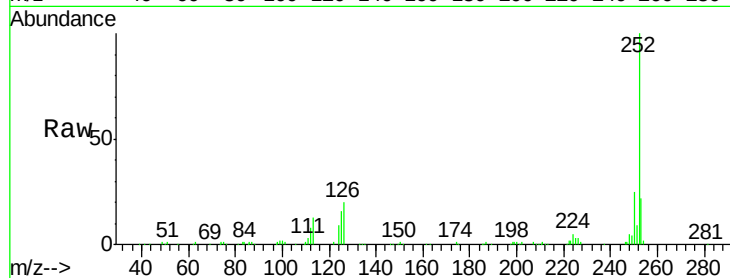
Tot Ion:252 Resp: 226636

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

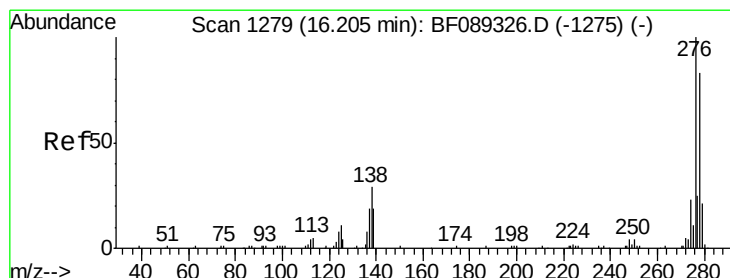
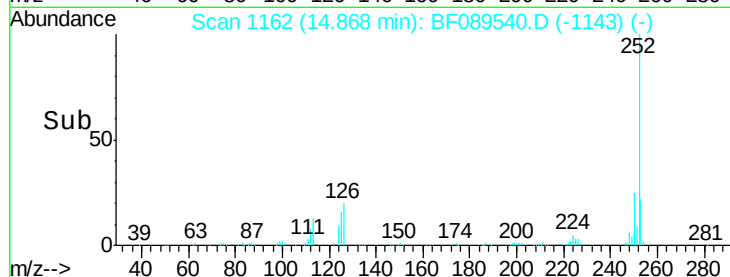
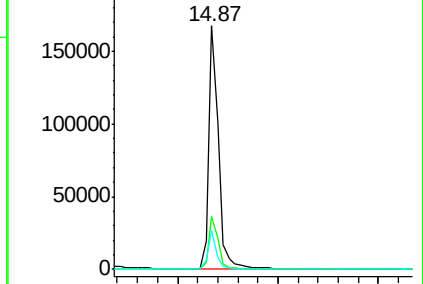
125 15.9 12.4 18.6



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: 40.79 ng

RT: 16.09 min Scan# 1269

Delta R.T. -0.11 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

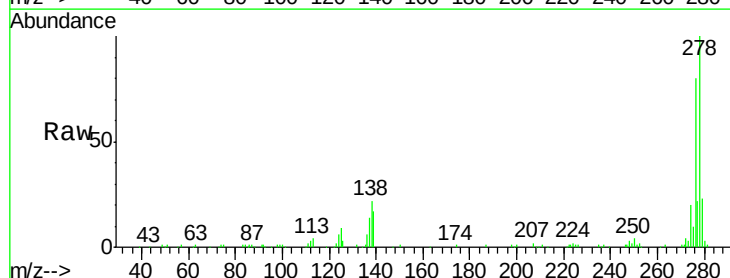
Tgt Ion:278 Resp: 182728

Ion Ratio Lower Upper

278 100

139 17.4 16.3 24.5

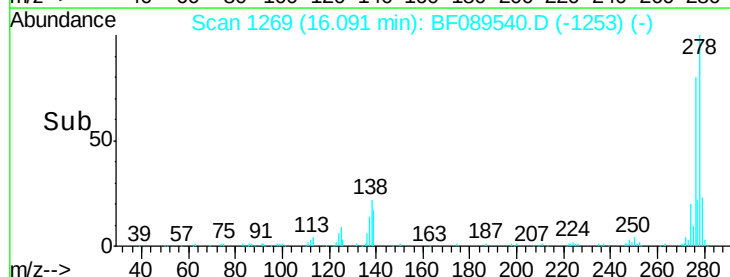
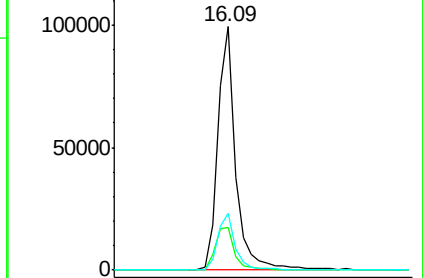
279 23.3 19.1 28.7

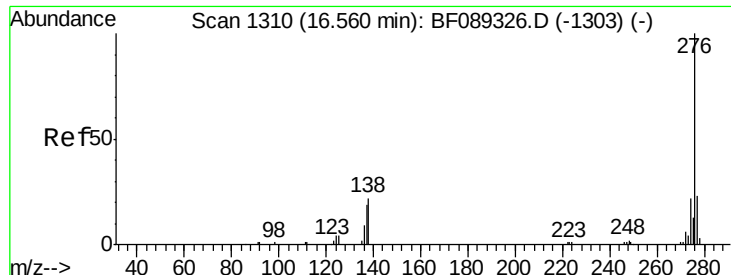


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.70 ng

RT: 16.42 min Scan# 1298

Delta R.T. -0.13 min

Lab File: BF089540.D

Acq: 2 Aug 2016 11:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

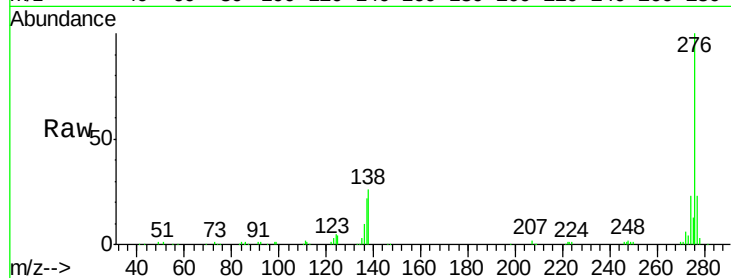
Tot Ion:276 Resp: 188032

Ion Ratio Lower Upper

276 100

277 22.7 18.6 28.0

138 25.6 21.4 32.0



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

