

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085633.D
 Acq On : 21 Mar 2016 20:27
 Operator : UM/SJ
 Sample : H1841-03MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MS

Quant Time: Mar 22 00:10:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	115712	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	431686	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	188825	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	280419	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	222912	20.00	ng	-0.01
86) Perylene-d12	15.42	264	229899	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	912552	132.46	ng	0.00
7) Phenol-d6	6.49	99	1268111	143.52	ng	0.00
23) Nitrobenzene-d5	7.42	82	799919	107.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	238552	128.97	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1147564	112.80	ng	-0.01
78) Terphenyl-d14	12.95	244	747309	80.67	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	135002	40.31	ng	99
3) Pyridine	3.22	79	338491	41.16	ng	98
4) n-Nitrosodimethylamine	3.17	42	160008	46.61	ng	94
6) Aniline	6.50	93	409762	34.53	ng	# 17
8) 2-Chlorophenol	6.63	128	378892	47.54	ng	94
9) Benzaldehyde	6.39	77	73213	14.44	ng	92
10) Phenol	6.50	94	502786	49.96	ng	89
11) bis(2-Chloroethyl)ether	6.58	93	367141	48.39	ng	98
12) 1,3-Dichlorobenzene	6.79	146	402340	46.33	ng	99
13) 1,4-Dichlorobenzene	6.86	146	395269	44.62	ng	100
14) 1,2-Dichlorobenzene	7.02	146	396449	50.41	ng	99
15) Benzyl Alcohol	7.00	79	320915	53.03	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	455367	45.64	ng	94
17) 2-Methylphenol	7.11	107	335543	50.79	ng	99
18) Hexachloroethane	7.36	117	136736	42.75	ng	90
19) n-Nitroso-di-n-propylamine	7.27	70	268733	50.92	ng	99
20) 3+4-Methylphenols	7.26	107	347967	45.48	ng	97
22) Acetophenone	7.26	105	477534	46.62	ng	98
24) Nitrobenzene	7.43	77	371459	45.63	ng	99
25) Isophorone	7.67	82	720206	48.37	ng	98
26) 2-Nitrophenol	7.75	139	215705	53.61	ng	97
27) 2,4-Dimethylphenol	7.80	122	346984	48.77	ng	92
28) bis(2-Chloroethoxy)methane	7.89	93	473207	55.87	ng	100
29) 2,4-Dichlorophenol	7.99	162	291444	49.61	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	313997	47.71	ng	98
31) Naphthalene	8.15	128	995478	45.69	ng	100
32) Benzoic acid	7.90	122	150774	25.35	ng	100
33) 4-Chloroaniline	8.21	127	211237	23.65	ng	98
34) Hexachlorobutadiene	8.28	225	171861	49.00	ng	98
35) Caprolactam	8.57	113	96454	47.71	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	312875	45.60	ng	94
37) 2-Methylnaphthalene	8.85	142	727591	54.78	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	255617	44.63	ng	100
40) Hexachlorocyclopentadiene	9.00	237	114685	44.43	ng	100

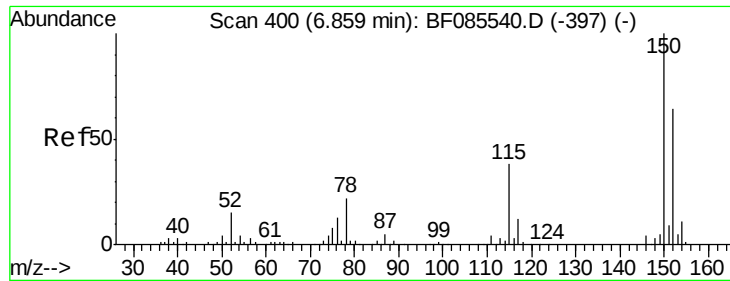
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	191100	48.74	ng	100
43) 2,4,5-Trichlorophenol	9.17	196	194064	48.63	ng #	87
45) 1,1'-Biphenyl	9.30	154	707750	43.45	ng	99
46) 2-Chloronaphthalene	9.33	162	567323	47.68	ng #	91
47) 2-Nitroaniline	9.43	65	185815	51.62	ng	100
48) Acenaphthylene	9.75	152	941079	48.87	ng	99
49) Dimethylphthalate	9.61	163	883218	61.98	ng	100
50) 2,6-Dinitrotoluene	9.67	165	136352	45.33	ng	98
51) Acenaphthene	9.92	154	583599	48.30	ng	99
52) 3-Nitroaniline	9.84	138	131433	34.89	ng	90
53) 2,4-Dinitrophenol	9.94	184	49203	26.70	ng	98
54) Dibenzofuran	10.09	168	798141	54.24	ng	98
55) 4-Nitrophenol	10.01	139	212835	73.10	ng #	73
56) 2,4-Dinitrotoluene	10.08	165	187472	47.60	ng	98
57) Fluorene	10.44	166	582191	47.47	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	137108	47.72	ng	98
59) Diethylphthalate	10.31	149	699164	49.35	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	280900	46.90	ng	94
61) 4-Nitroaniline	10.45	138	125428	33.77	ng	87
62) Azobenzene	10.58	77	669708	49.26	ng	96
64) 4,6-Dinitro-2-methylphenol	10.48	198	44290	24.68	ng	87
65) n-Nitrosodiphenylamine	10.54	169	490889	56.20	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	162101	57.87	ng #	90
67) Hexachlorobenzene	10.98	284	161347	54.21	ng #	90
68) Atrazine	11.08	200	165635	62.28	ng	96
69) Pentachlorophenol	11.18	266	159548	88.30	ng	98
70) Phenanthrene	11.40	178	746322	50.48	ng	99
71) Anthracene	11.44	178	731507	47.18	ng	98
72) Carbazole	11.60	167	676451	50.58	ng	98
73) Di-n-butylphthalate	11.93	149	866938	51.76	ng	99
74) Fluoranthene	12.57	202	621062	40.12	ng	97
76) Benzidine	12.70	184	351967	46.95	ng	98
77) Pyrene	12.80	202	647570	40.46	ng	100
79) Butylbenzylphthalate	13.42	149	297540	39.00	ng #	73
80) Benzo(a)anthracene	13.99	228	599525	46.33	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	180813	38.13	ng #	97
82) Chrysene	14.03	228	493439	39.63	ng	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	401904	42.40	ng	99
84) Di-n-octyl phthalate	14.60	149	779422	50.46	ng	98
85) Indeno(1,2,3-cd)pyrene	16.83	276	629027	60.46	ng	99
87) Benzo(b)fluoranthene	15.02	252	1222745	81.51	ng	98
88) Benzo(k)fluoranthene	15.02	252	1223740	99.02	ng	99
89) Benzo(a)pyrene	15.36	252	613361	48.23	ng	98
90) Dibenzo(a,h)anthracene	16.84	278	537734	50.70	ng	99
91) Benzo(g,h,i)perylene	17.24	276	491974	47.92	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085633.D

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SOUTH-WALL(3-5)MS

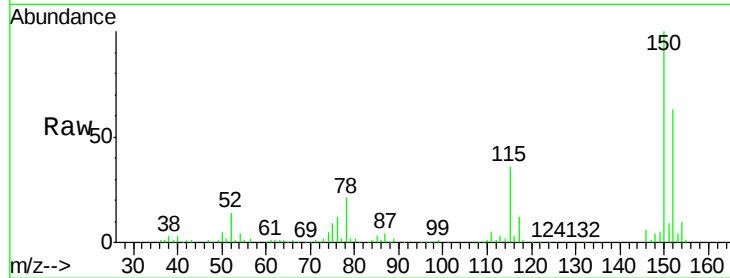
Tgt Ion:152 Resp: 115712

Ion Ratio Lower Upper

152 100

150 158.7 124.2 186.2

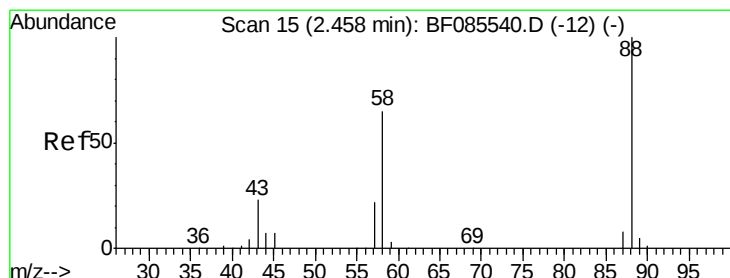
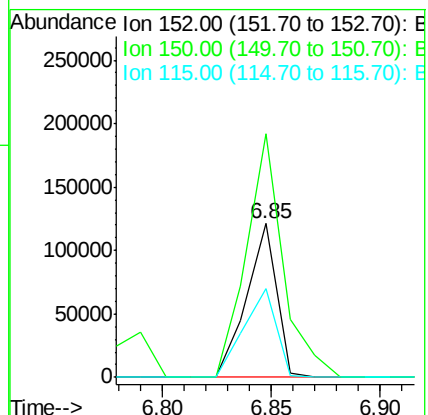
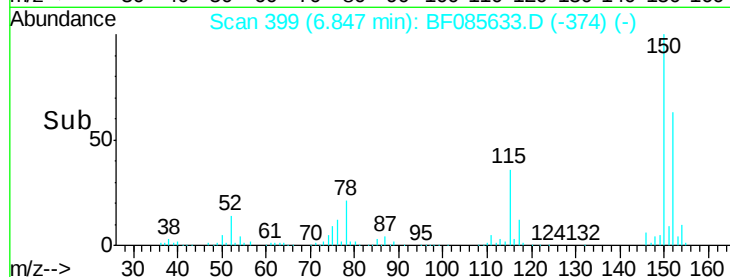
115 57.8 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.31 ng

RT: 2.50 min Scan# 19

Delta R.T. 0.05 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

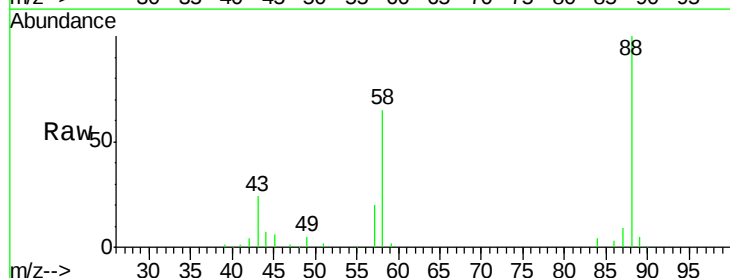
Tgt Ion: 88 Resp: 135002

Ion Ratio Lower Upper

88 100

58 66.8 54.2 81.2

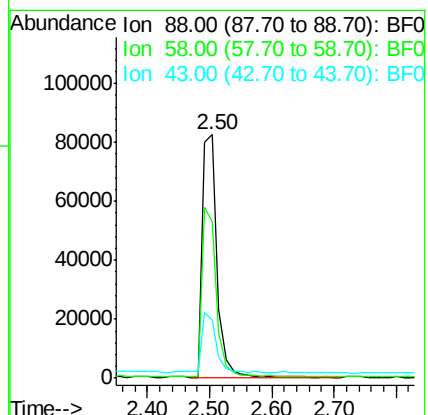
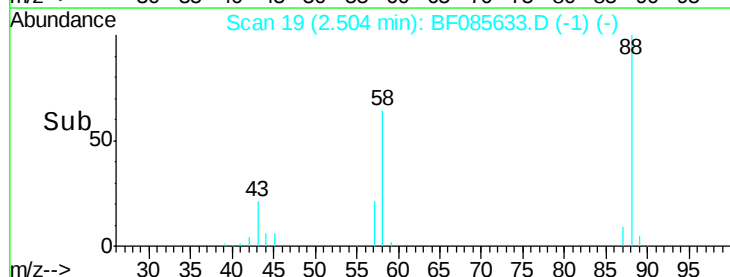
43 24.3 19.3 28.9

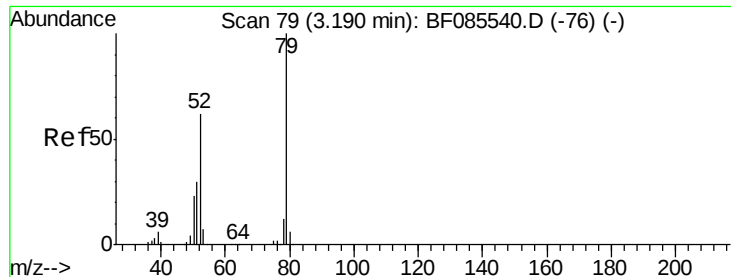


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.16 ng

RT: 3.22 min Scan# 82

Delta R.T. 0.03 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MS

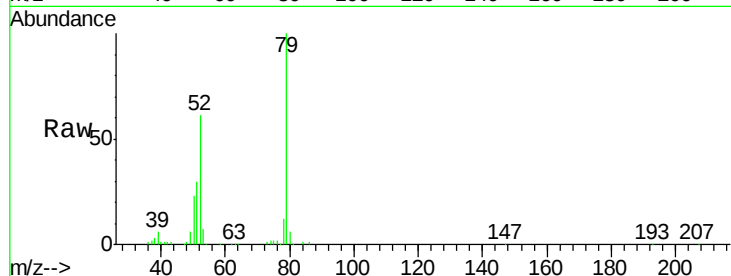
Tgt Ion: 79 Resp: 338491

Ion Ratio Lower Upper

79 100

52 60.5 49.8 74.6

51 30.4 24.7 37.1



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

3.22

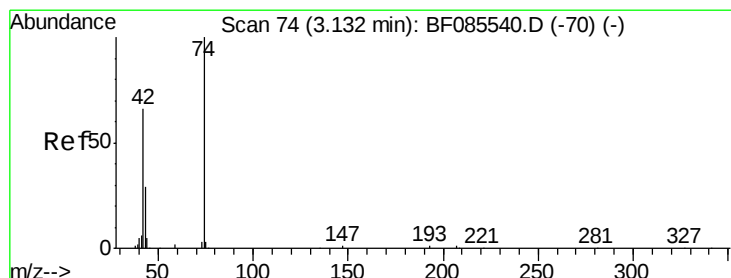
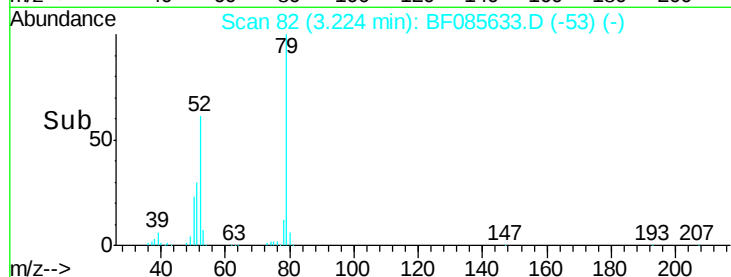
150000

100000

50000

0

Time-->



#4

n-Nitrosodimethylamine

Concen: 46.61 ng

RT: 3.17 min Scan# 77

Delta R.T. 0.03 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

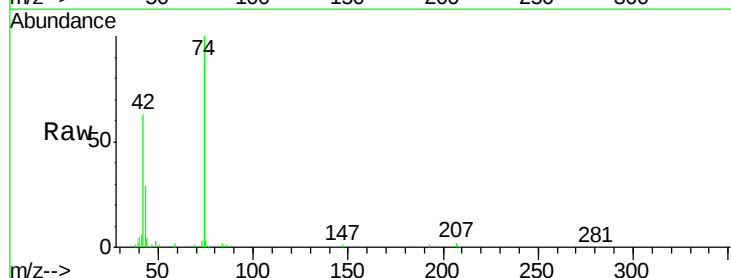
Tgt Ion: 42 Resp: 160008

Ion Ratio Lower Upper

42 100

74 160.0 121.4 182.2

44 6.7 5.6 8.4



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

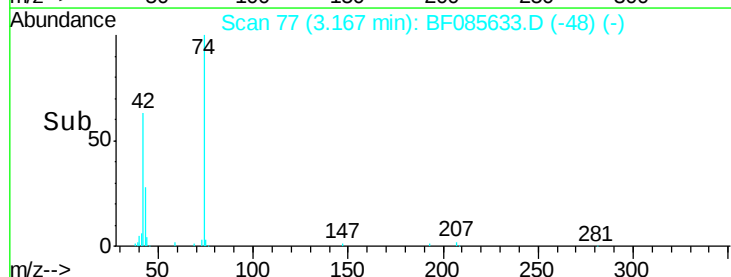
150000

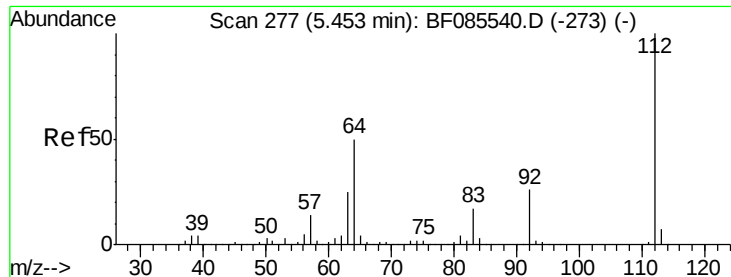
100000

50000

0

Time-->





#5

2-Fluorophenol

Concen: 132.46 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MS

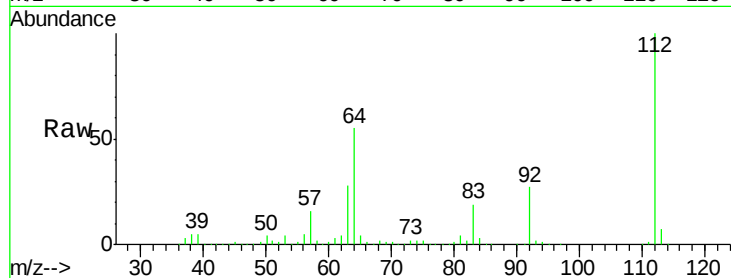
Tgt Ion: 112 Resp: 912552

Ion Ratio Lower Upper

112 100

64 54.8 39.9 59.9

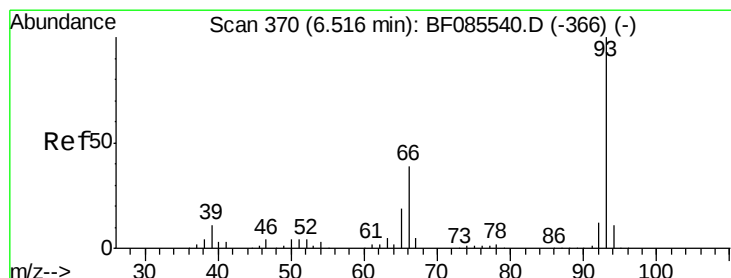
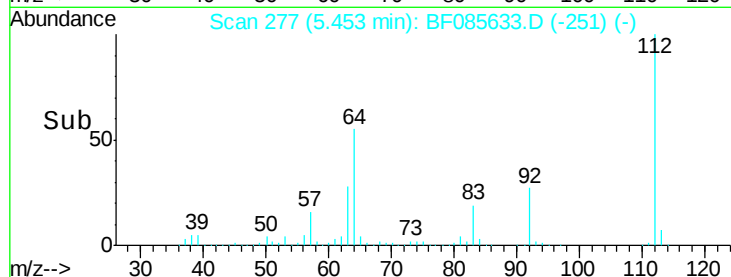
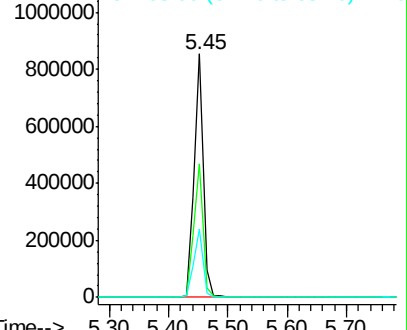
63 27.9 20.2 30.2



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: 34.53 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

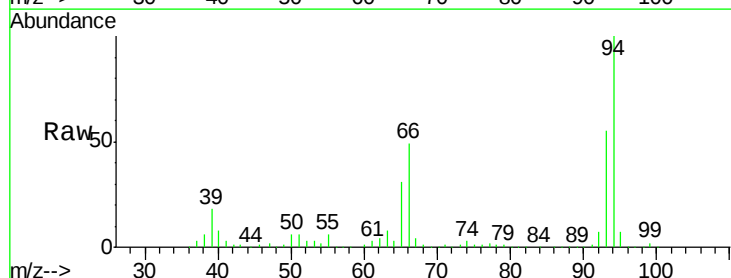
Tgt Ion: 93 Resp: 409762

Ion Ratio Lower Upper

93 100

66 89.6 31.4 47.2#

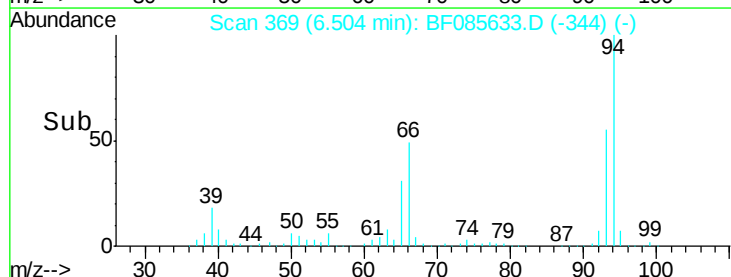
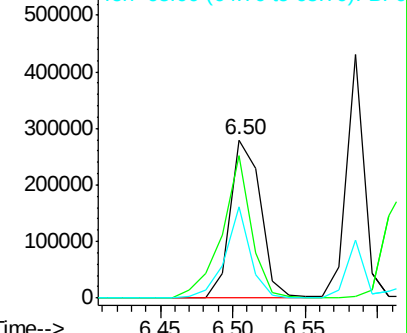
65 57.6 15.7 23.5#



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: 143.52 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

Instrument :

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ClientSampleId :

SOUTH-WALL(3-5)MS

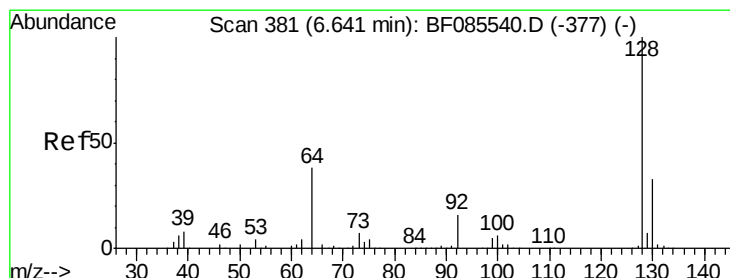
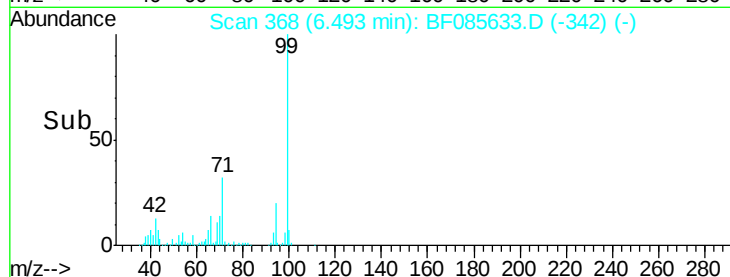
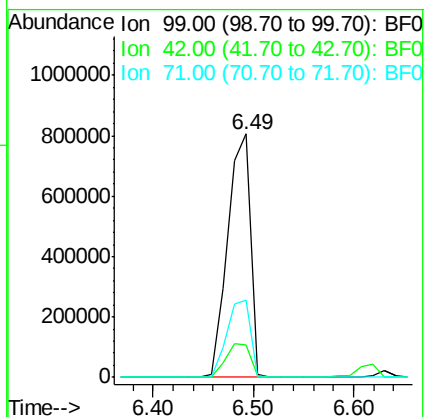
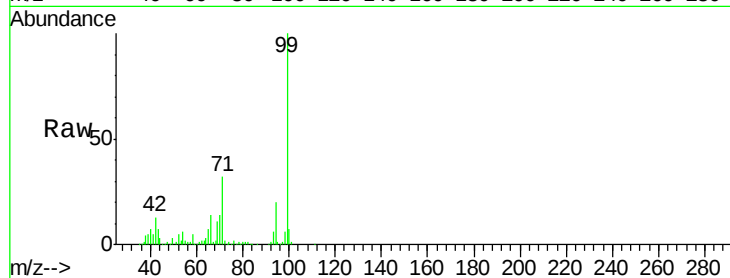
Tgt Ion: 99 Resp: 1268111

Ion Ratio Lower Upper

99 100

42 13.4 11.1 16.7

71 31.7 24.9 37.3



#8

2-Chlorophenol

Concen: 47.54 ng

RT: 6.63 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

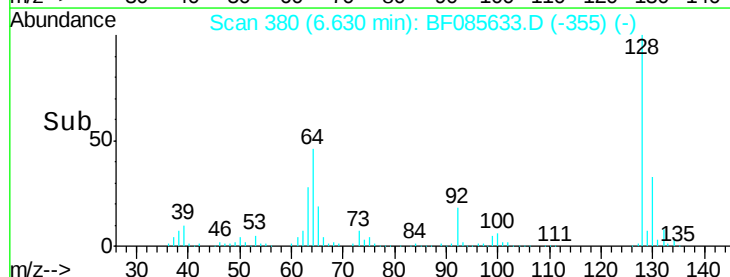
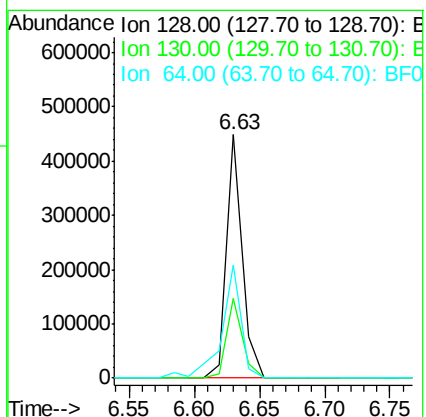
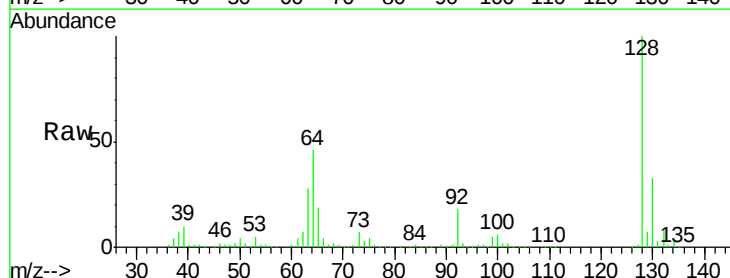
Tgt Ion: 128 Resp: 378892

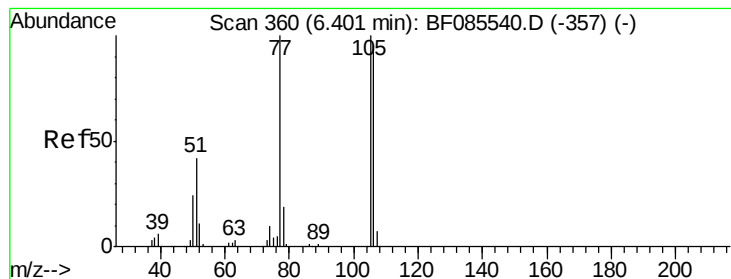
Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

64 46.4 20.2 60.2





#9

Benzaldehyde

Concen: 14.44 ng

RT: 6.39 min Scan# 359

Delta R.T. -0.01 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

Instrument :

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ClientSampleId :

SOUTH-WALL(3-5)MS

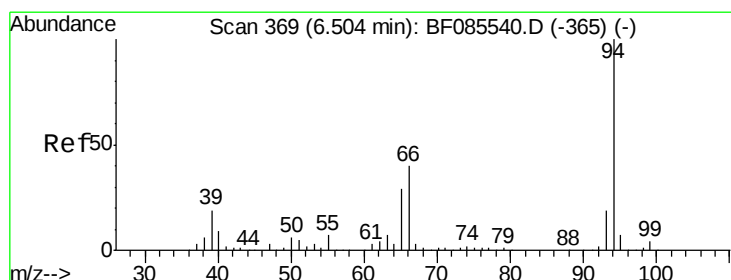
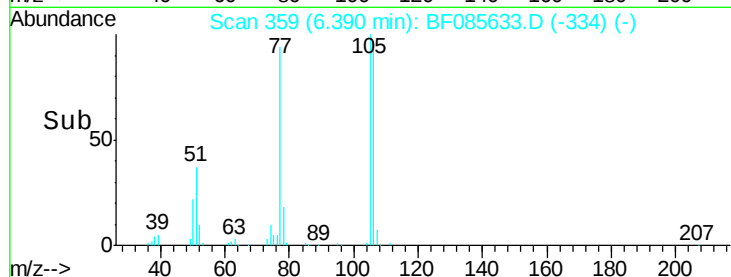
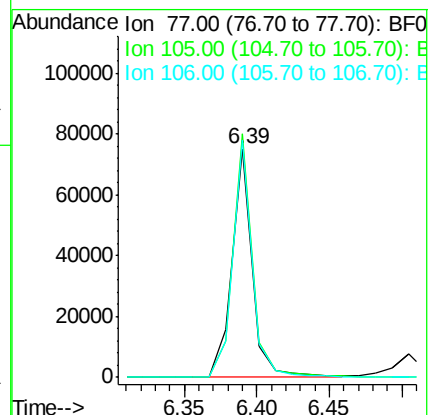
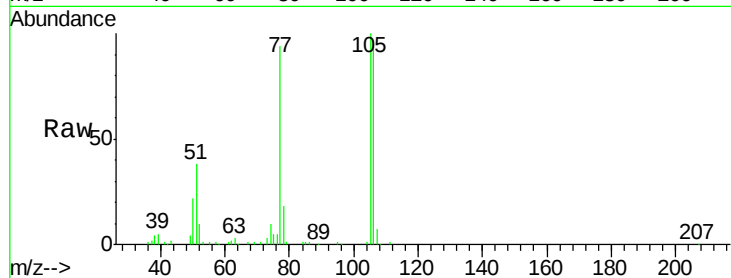
Tgt Ion: 77 Resp: 73213

Ion Ratio Lower Upper

77 100

105 106.5 80.1 120.1

106 103.7 75.0 115.0



#10

Phenol

Concen: 49.96 ng

RT: 6.50 min Scan# 369

Delta R.T. 0.00 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

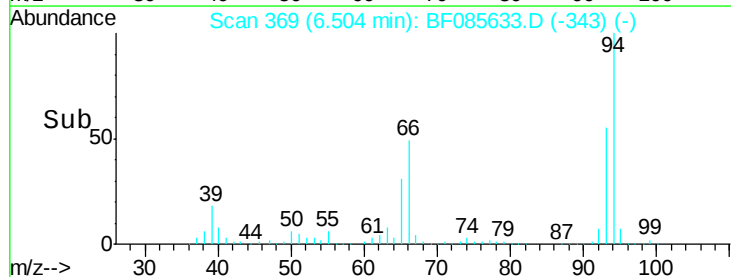
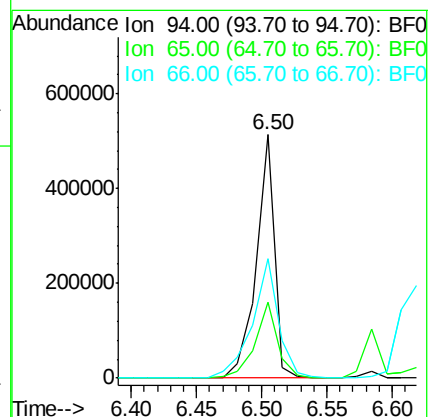
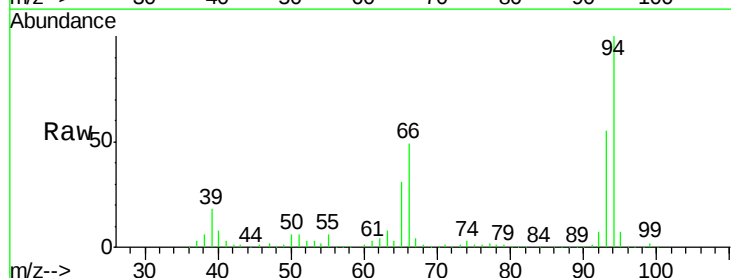
Tgt Ion: 94 Resp: 502786

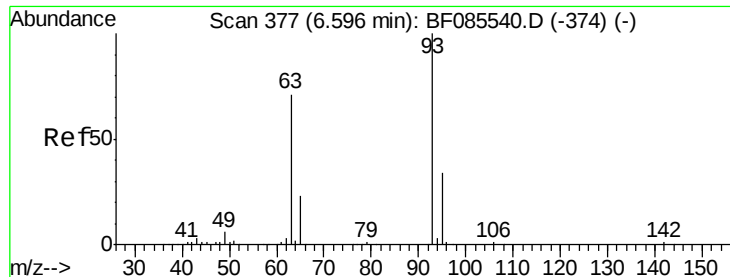
Ion Ratio Lower Upper

94 100

65 31.4 8.6 48.6

66 48.9 20.0 60.0





#11

bis(2-Chloroethyl)ether

Concen: 48.39 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MS

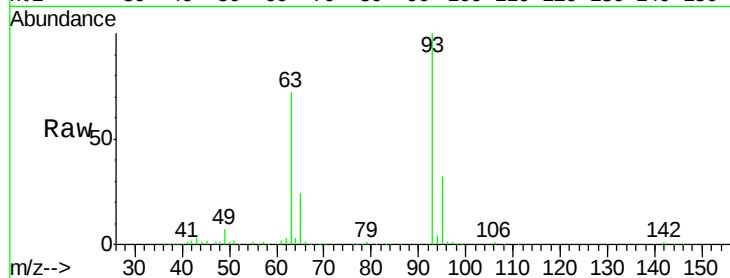
Tgt Ion: 93 Resp: 367141

Ion Ratio Lower Upper

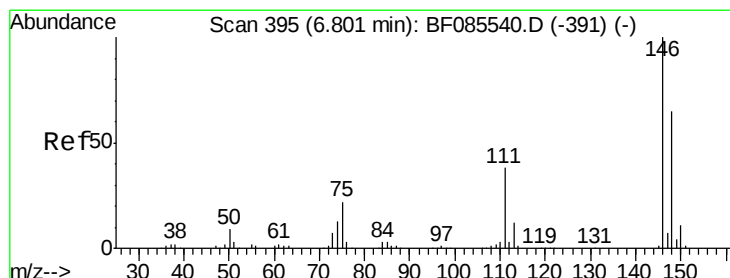
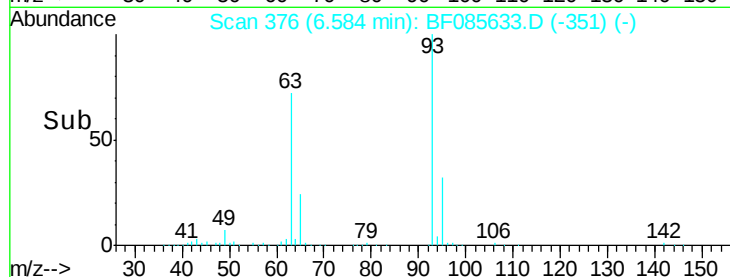
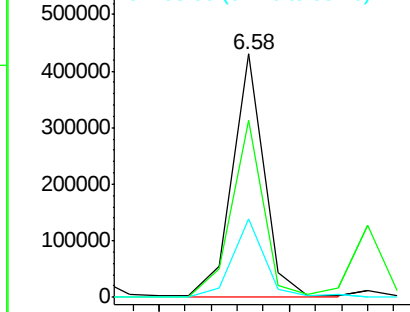
93 100

63 72.5 50.9 90.9

95 32.3 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 46.33 ng

RT: 6.79 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

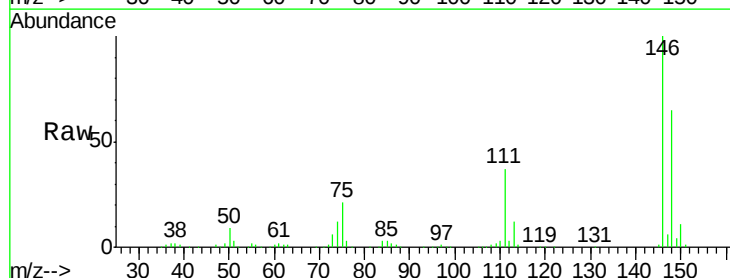
Tgt Ion: 146 Resp: 402340

Ion Ratio Lower Upper

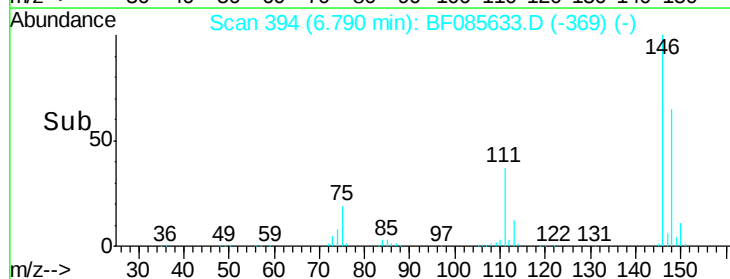
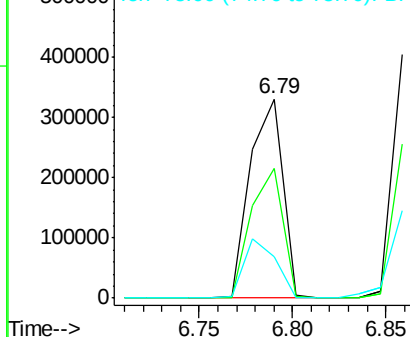
146 100

148 65.3 52.3 78.5

75 20.9 17.4 26.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

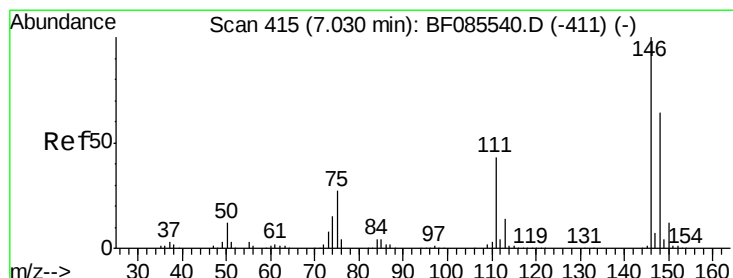
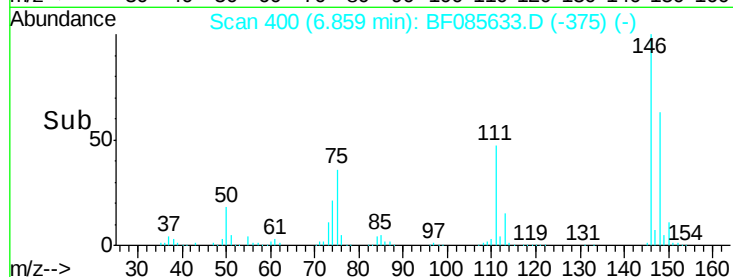
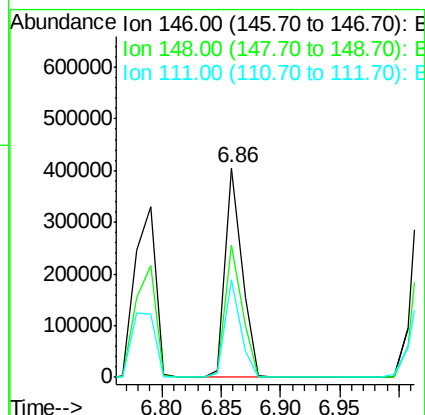
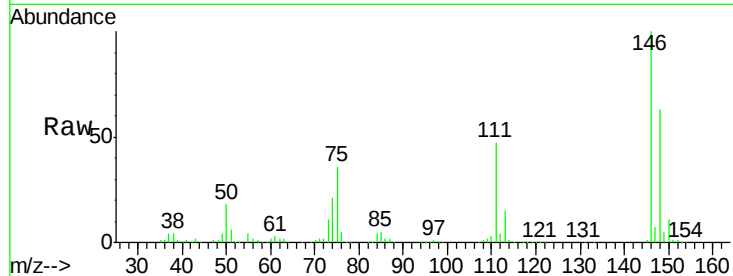




#13
 1,4-Dichlorobenzene
 Concen: 44.62 ng
 RT: 6.86 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

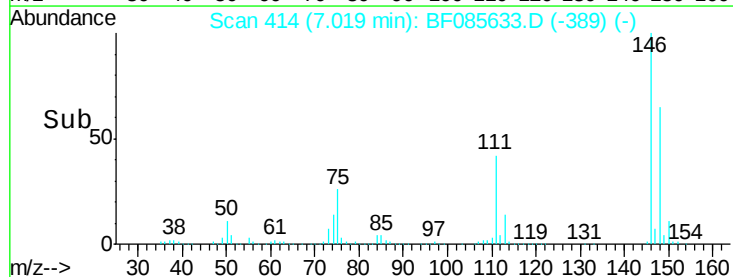
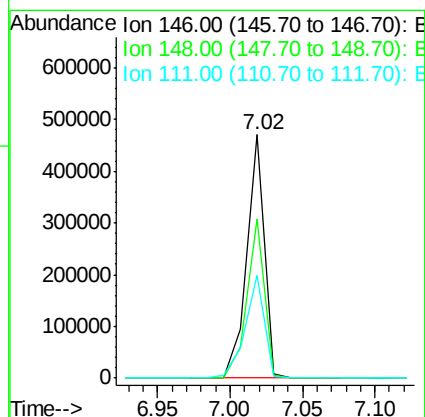
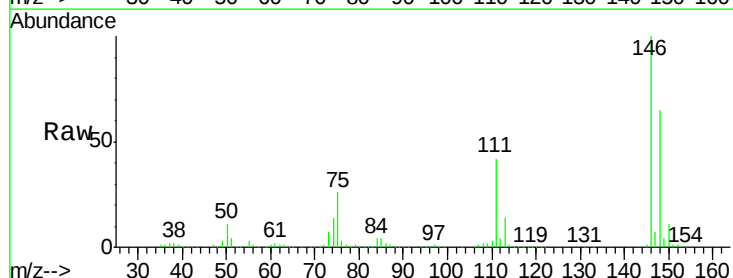
Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MS

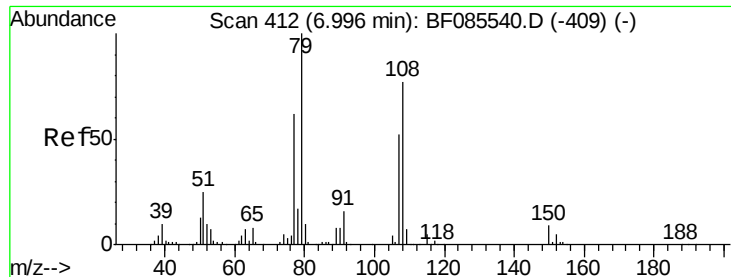
Tgt Ion:146 Resp: 395269
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.6 76.0
 111 46.9 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 50.41 ng
 RT: 7.02 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

Tgt Ion:146 Resp: 396449
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.4 77.2
 111 42.0 34.6 52.0





#15

Benzyl Alcohol

Concen: 53.03 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MS

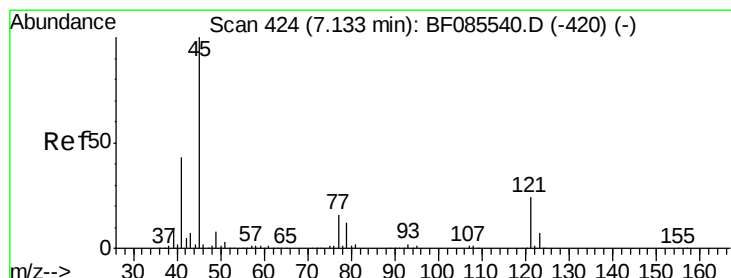
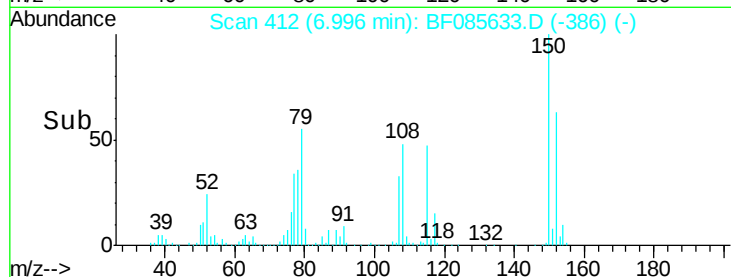
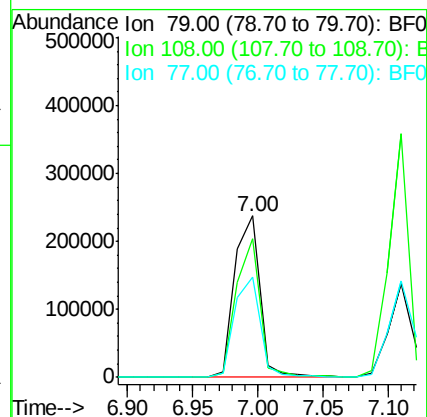
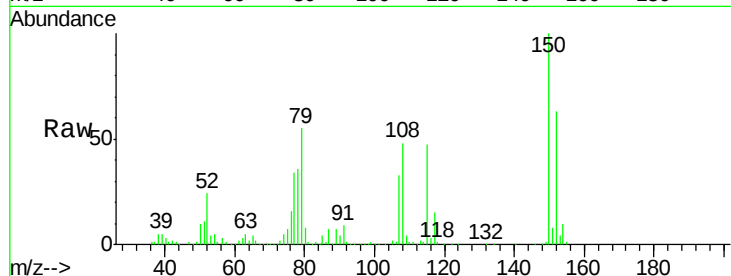
Tgt Ion: 79 Resp: 320915

Ion Ratio Lower Upper

79 100

108 86.1 61.8 92.6

77 61.9 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.64 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

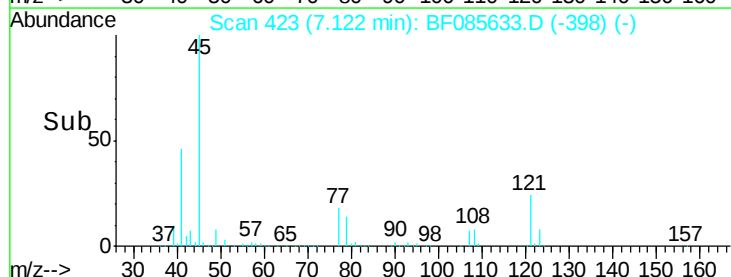
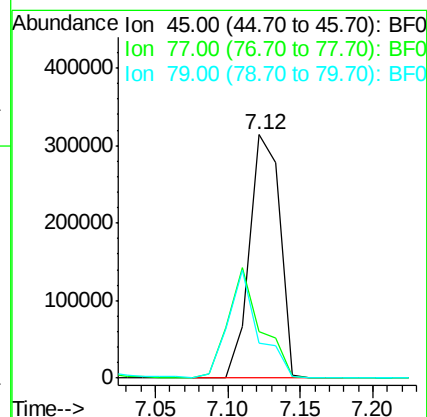
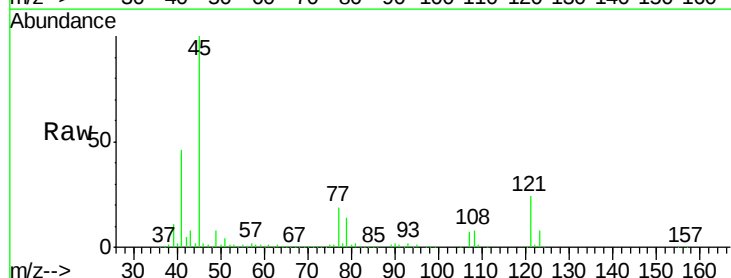
Tgt Ion: 45 Resp: 455367

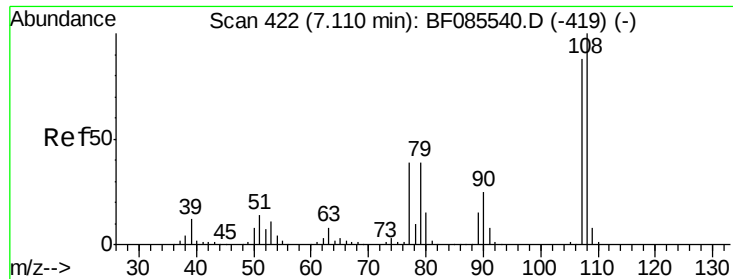
Ion Ratio Lower Upper

45 100

77 18.8 0.0 35.7

79 14.3 0.0 32.2

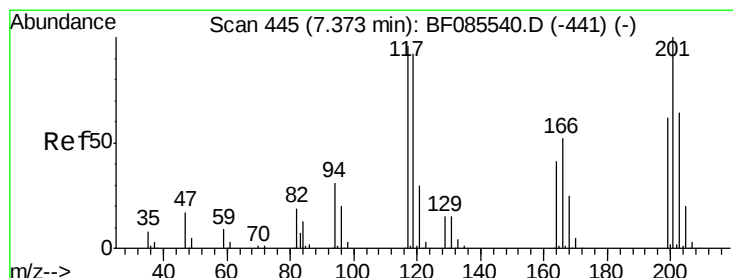
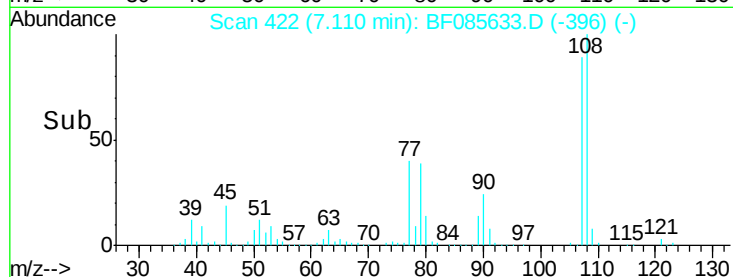
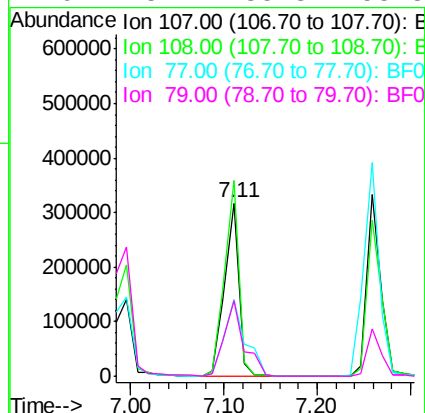
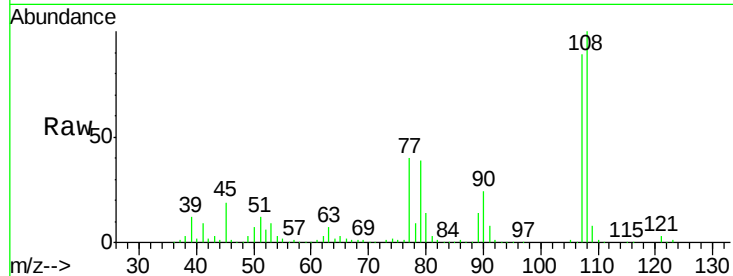




#17
2-Methylphenol
Concen: 50.79 ng
RT: 7.11 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF085633.D
Acq: 21 Mar 2016 20:27

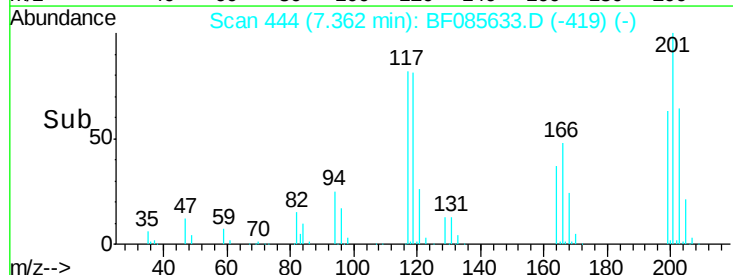
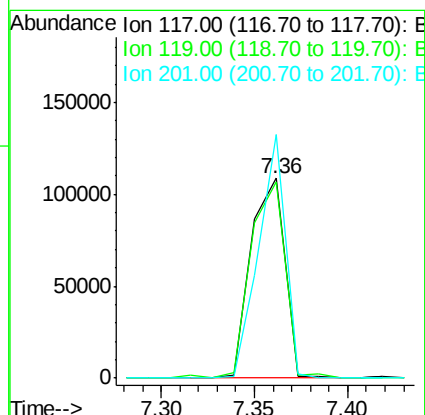
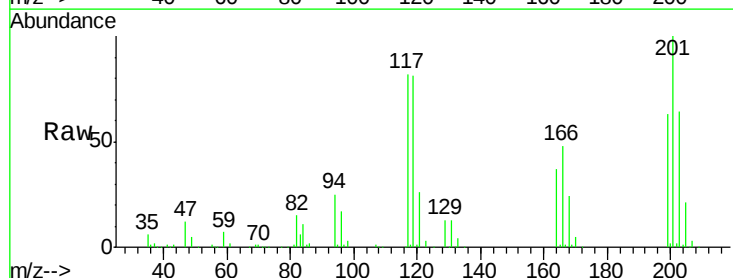
Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MS

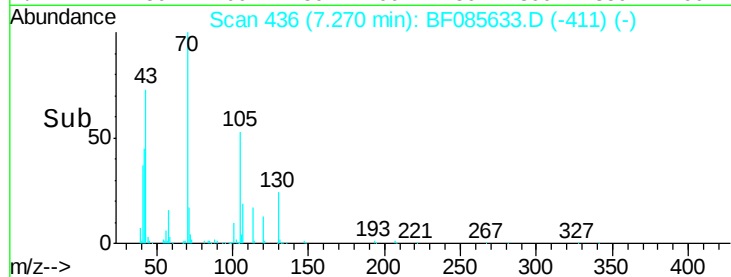
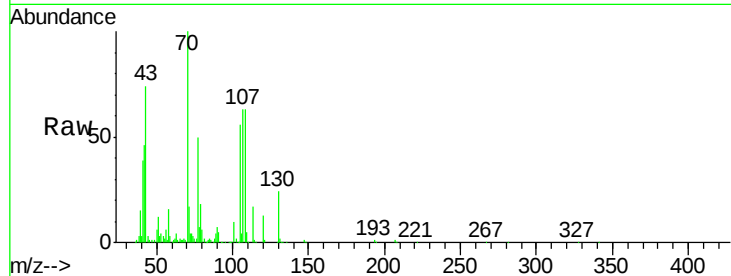
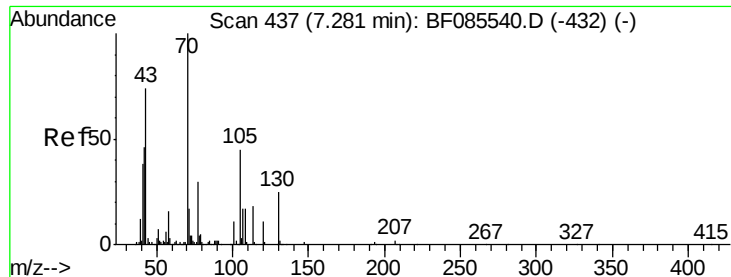
Tgt Ion:107 Resp: 335543
Ion Ratio Lower Upper
107 100
108 112.7 91.4 137.0
77 44.7 36.2 54.2
79 43.7 35.8 53.8



#18
Hexachloroethane
Concen: 42.75 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085633.D
Acq: 21 Mar 2016 20:27

Tgt Ion:117 Resp: 136736
Ion Ratio Lower Upper
117 100
119 98.5 76.7 115.1
201 121.9 83.3 124.9

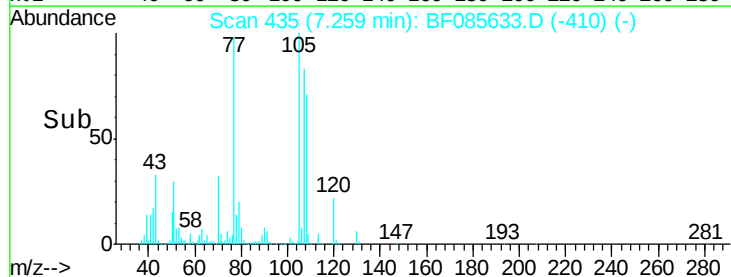
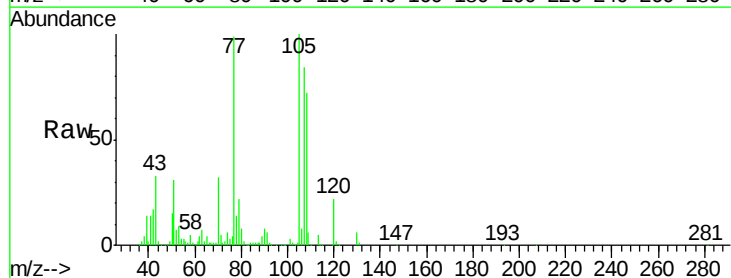
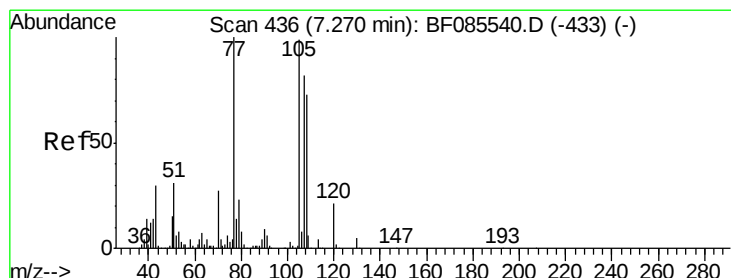
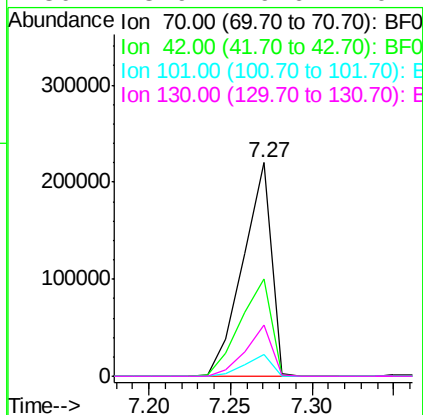




#19
n-Nitroso-di-n-propylamine
Concen: 50.92 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF085633.D
Acq: 21 Mar 2016 20:27

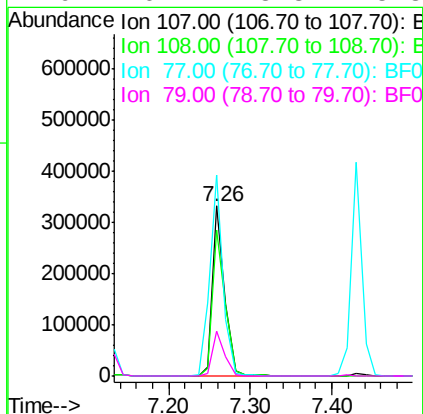
Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MS

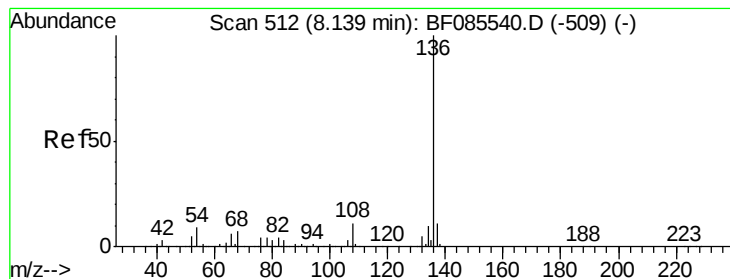
Tgt Ion:	70	Resp:	268733
Ion	Ratio	Lower	Upper
70	100		
42	45.6	37.1	55.7
101	10.4	8.6	12.8
130	23.9	19.6	29.4



#20
3+4-Methylphenols
Concen: 45.48 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF085633.D
Acq: 21 Mar 2016 20:27

Tgt Ion:	107	Resp:	347967
Ion	Ratio	Lower	Upper
107	100		
108	85.9	69.3	109.3
77	117.9	101.7	141.7
79	26.4	8.3	48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MS

Tgt Ion:136 Resp: 431686

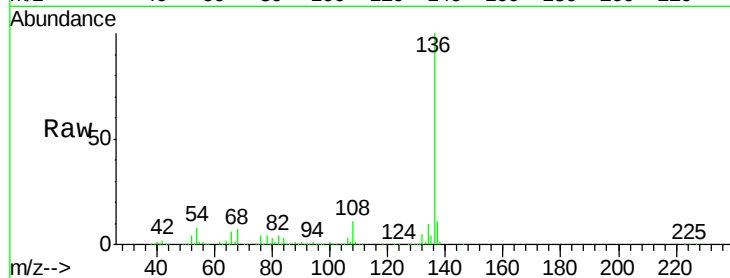
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.0 7.4 11.0

68 6.7 5.8 8.8

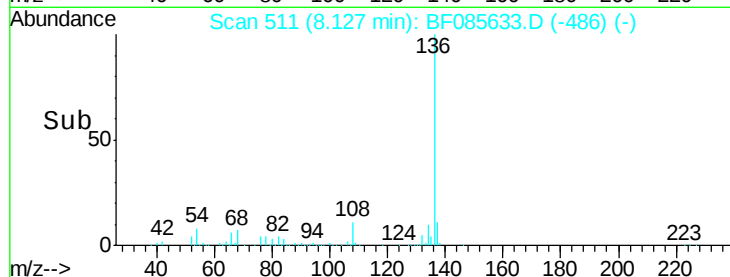


Abundance Ion 136.00 (135.70 to 136.70): E

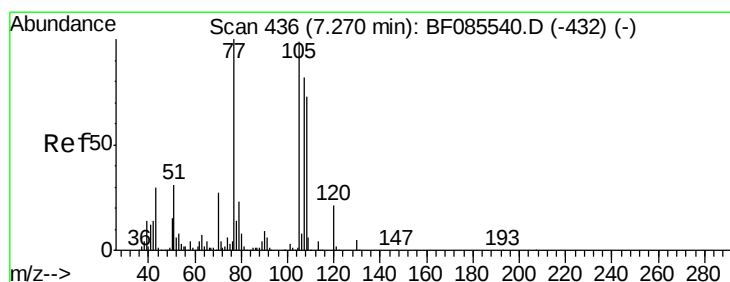
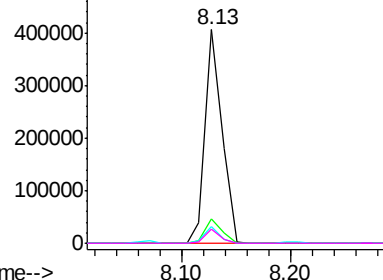
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 46.62 ng

RT: 7.26 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

Tgt Ion:105 Resp: 477534

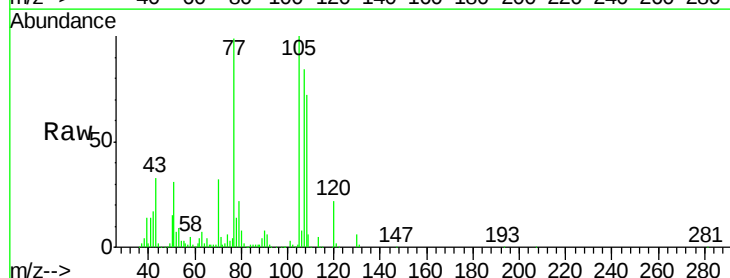
Ion Ratio Lower Upper

105 100

71 5.3 3.6 5.4

51 30.5 25.4 38.0

120 21.6 16.9 25.3

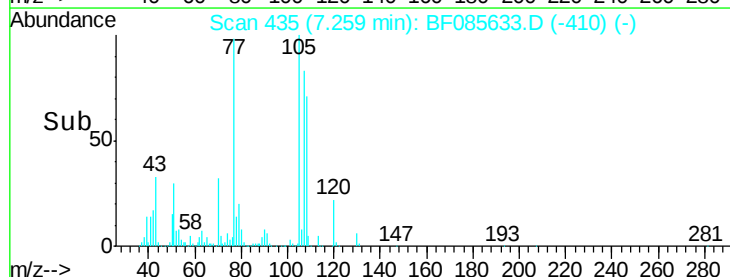


Abundance Ion 105.00 (104.70 to 105.70): E

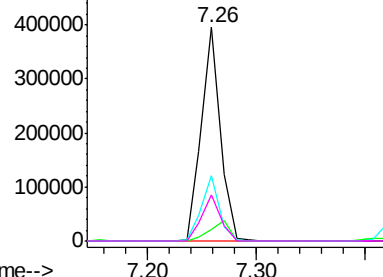
Ion 71.00 (70.70 to 71.70): BF0

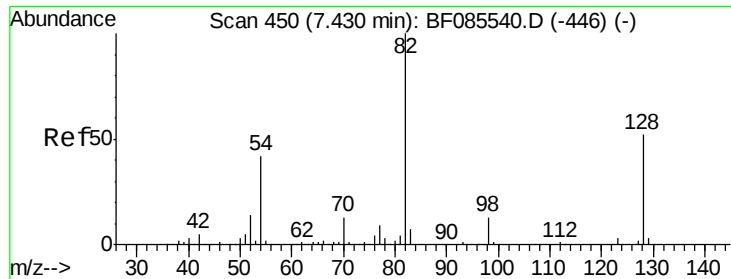
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

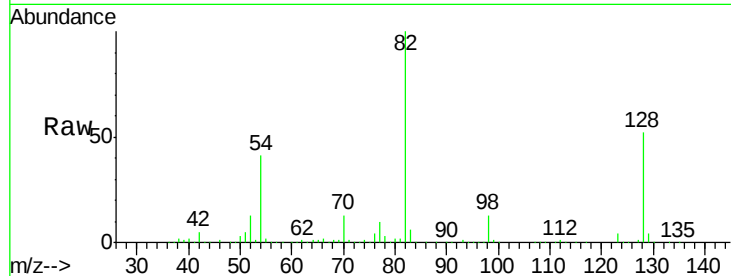




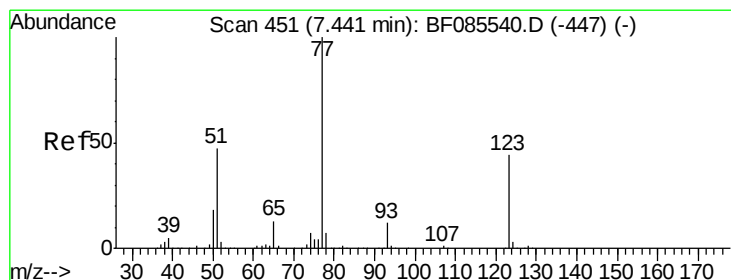
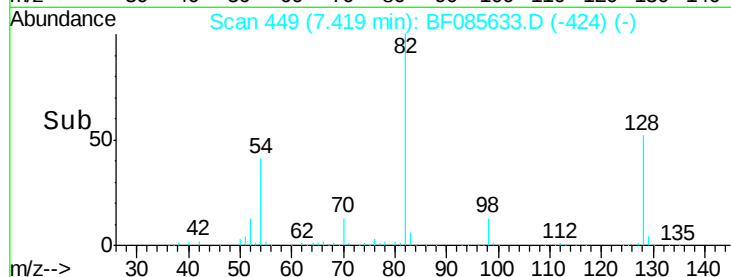
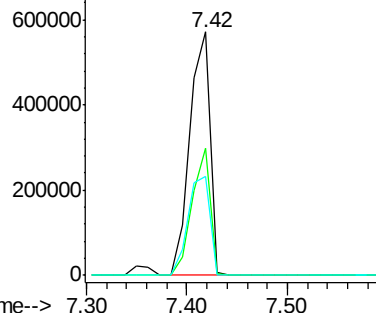
#23
 Nitrobenzene-d5
 Concen: 107.56 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.2	41.8	62.8
54	40.7	33.4	50.0

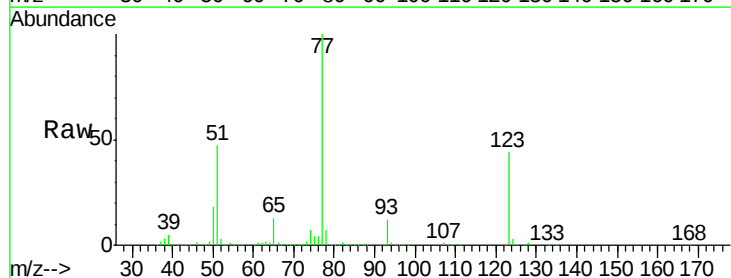


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

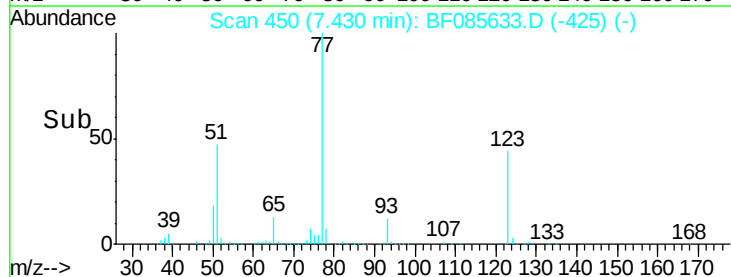
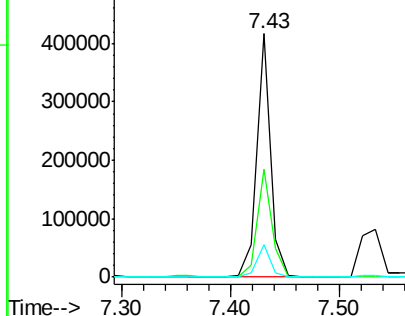


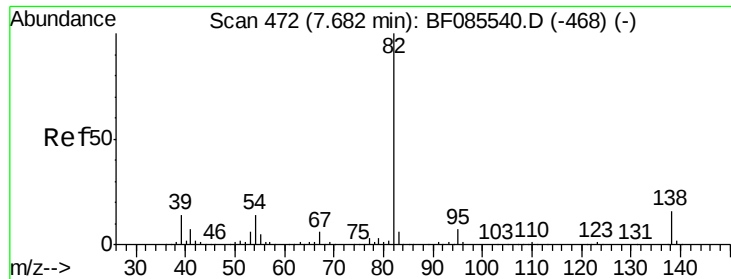
#24
 Nitrobenzene
 Concen: 45.63 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.4	35.0	52.4
65	13.1	10.6	16.0



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

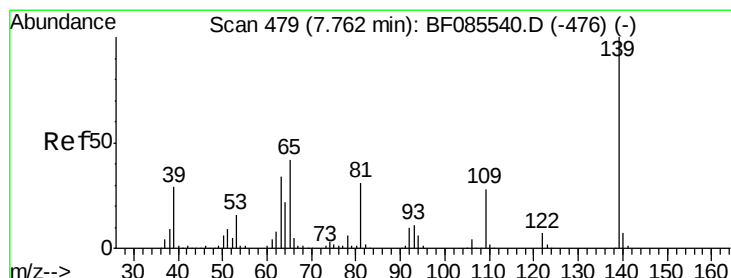
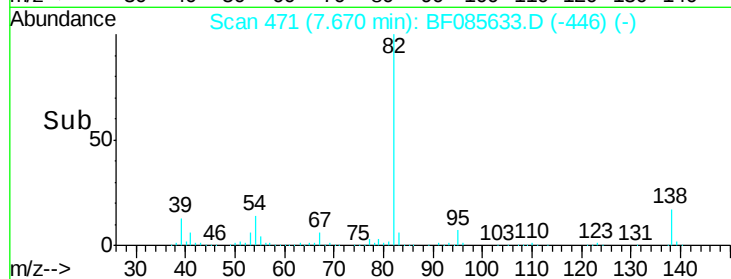
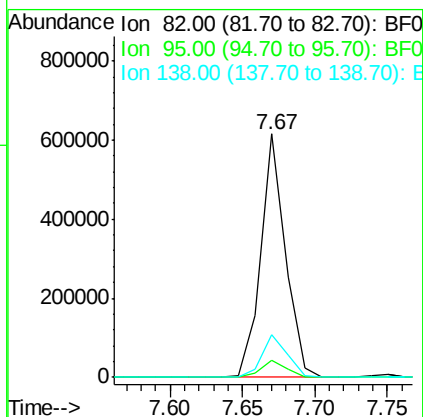
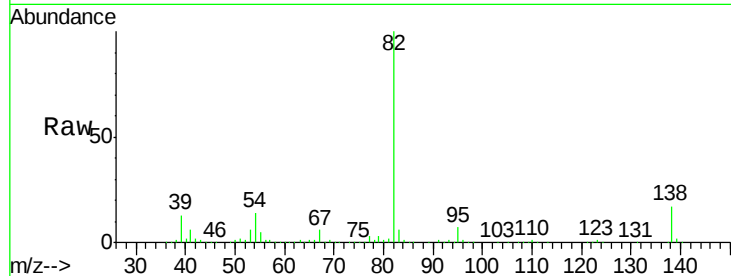




#25
Isophorone
Concen: 48.37 ng
RT: 7.67 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF085633.D
Acq: 21 Mar 2016 20:27

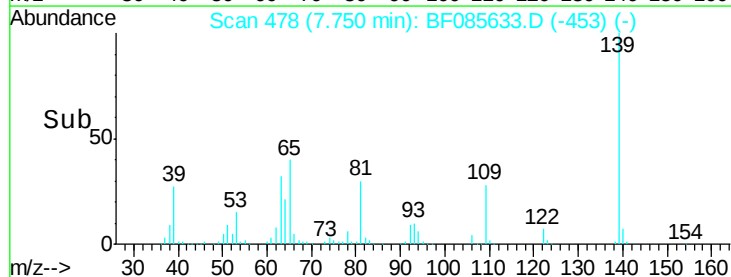
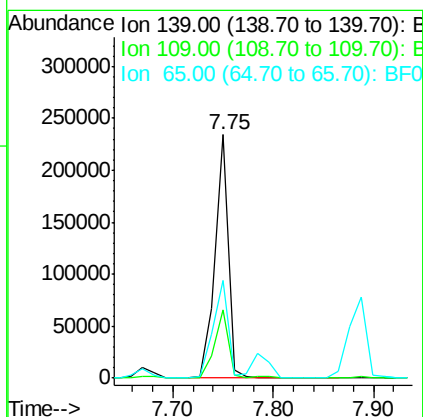
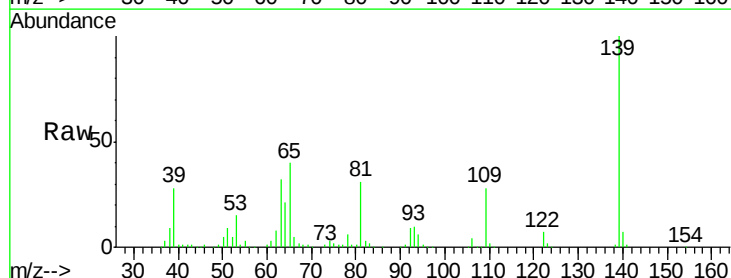
Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MS

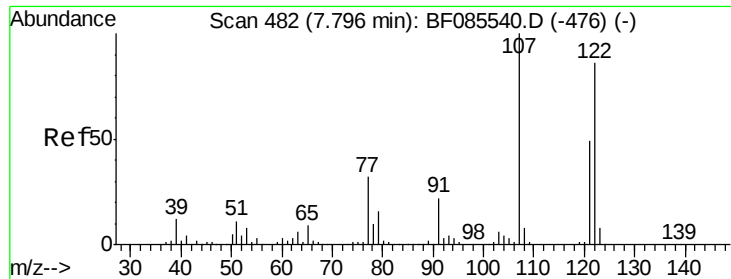
Tgt Ion: 82 Resp: 720206
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 17.3 12.9 19.3



#26
2-Nitrophenol
Concen: 53.61 ng
RT: 7.75 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF085633.D
Acq: 21 Mar 2016 20:27

Tgt Ion: 139 Resp: 215705
Ion Ratio Lower Upper
139 100
109 28.2 22.1 33.1
65 40.0 33.9 50.9





#27

2,4-Dimethylphenol

Concen: 48.77 ng

RT: 7.80 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MS

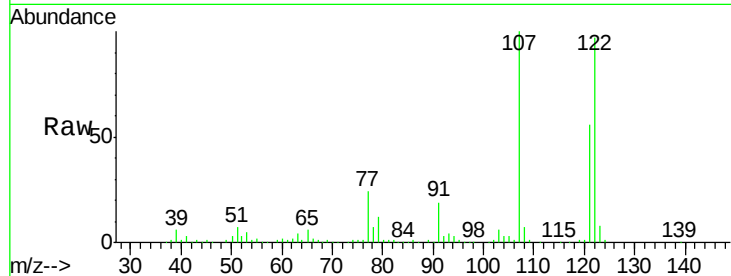
Tgt Ion:122 Resp: 346984

Ion Ratio Lower Upper

122 100

107 103.5 93.0 139.6

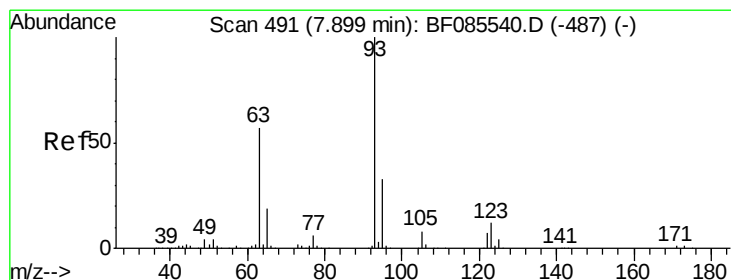
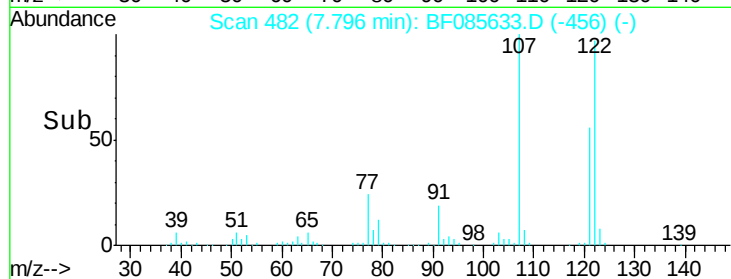
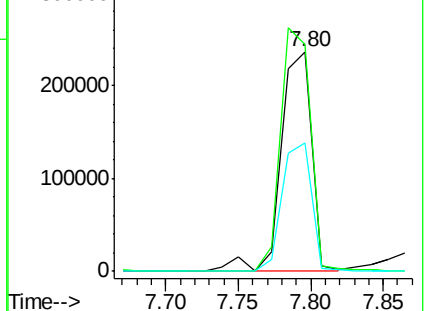
121 58.3 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 55.87 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

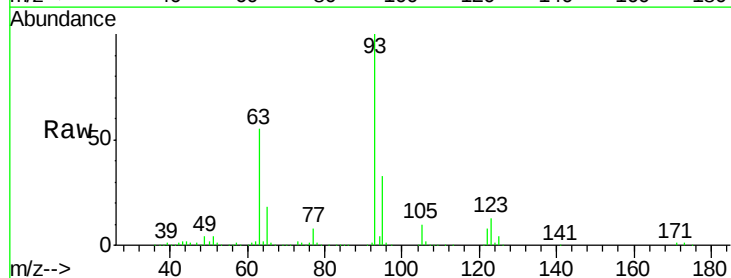
Tgt Ion: 93 Resp: 473207

Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

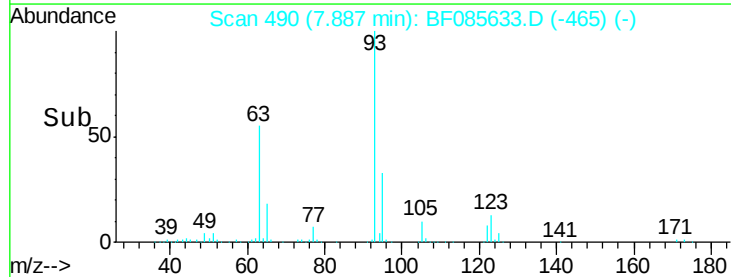
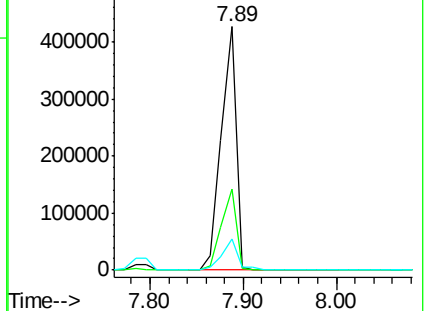
123 12.5 9.8 14.6

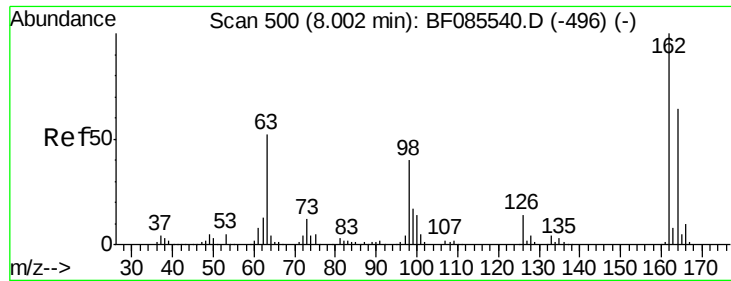


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

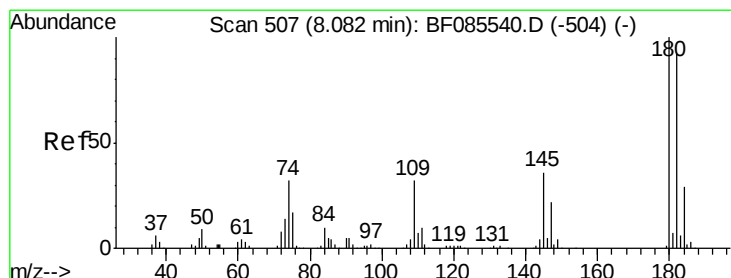
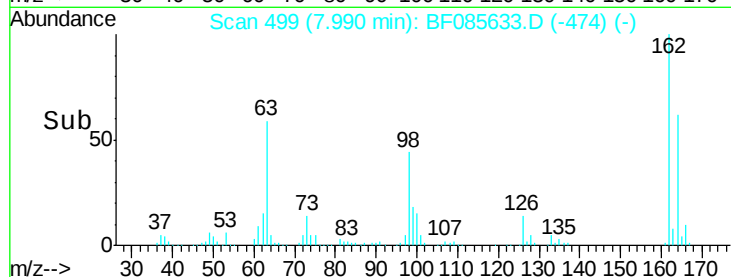
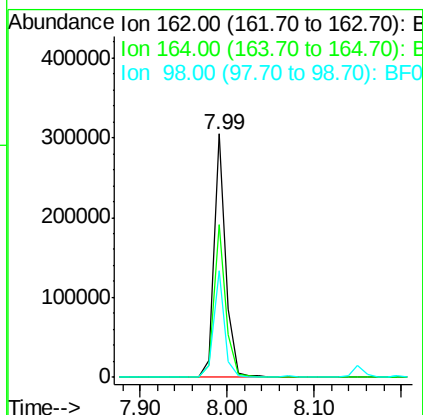
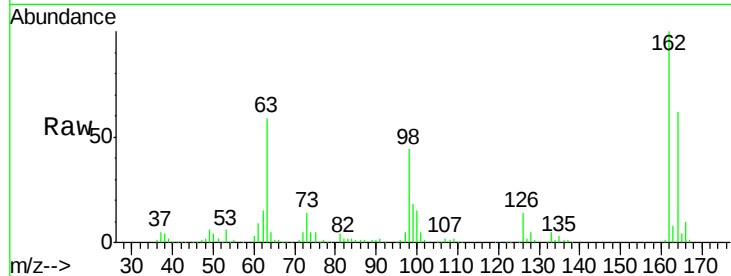




#29
 2,4-Dichlorophenol
 Concen: 49.61 ng
 RT: 7.99 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

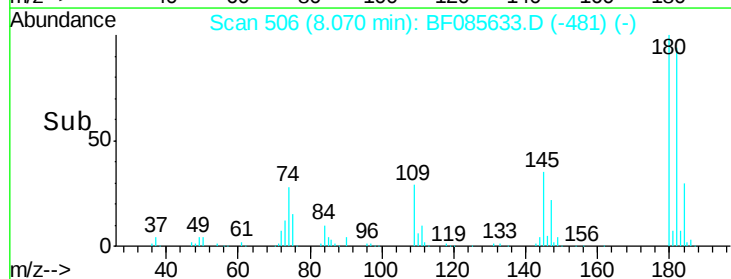
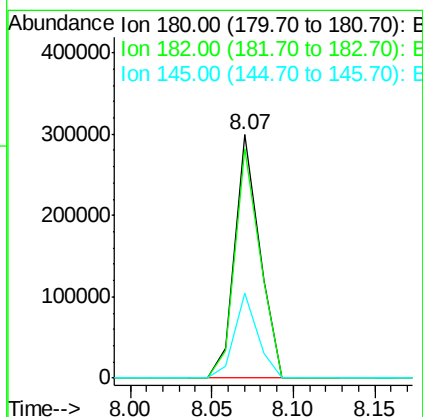
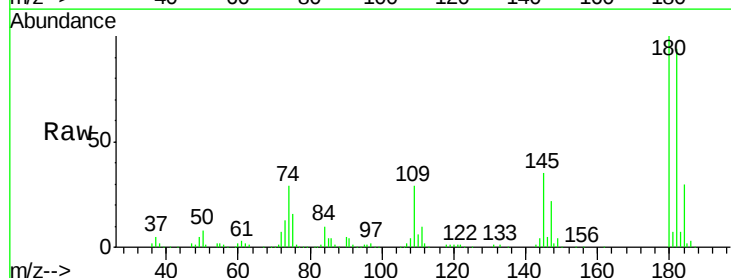
Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MS

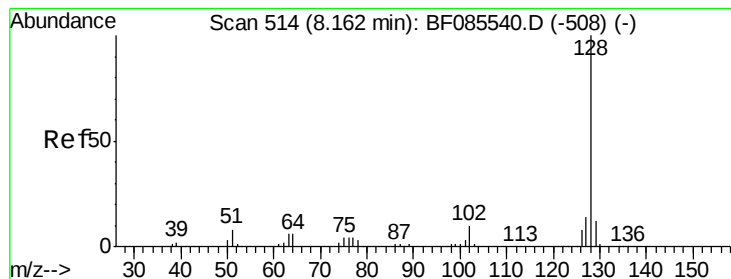
Tgt Ion:162 Resp: 291444
 Ion Ratio Lower Upper
 162 100
 164 62.5 43.7 83.7
 98 43.7 20.4 60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 47.71 ng
 RT: 8.07 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

Tgt Ion:180 Resp: 313997
 Ion Ratio Lower Upper
 180 100
 182 94.2 73.8 110.8
 145 35.0 28.4 42.6





#31

Naphthalene

Concen: 45.69 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MS

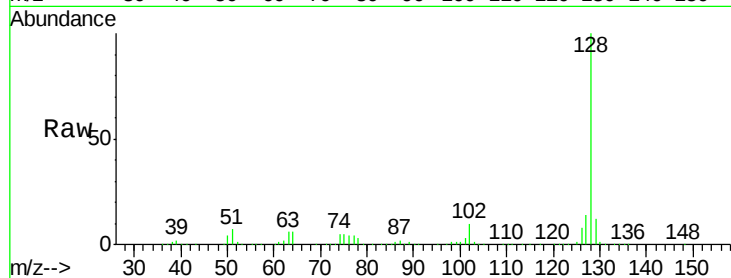
Tgt Ion:128 Resp: 995478

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.0

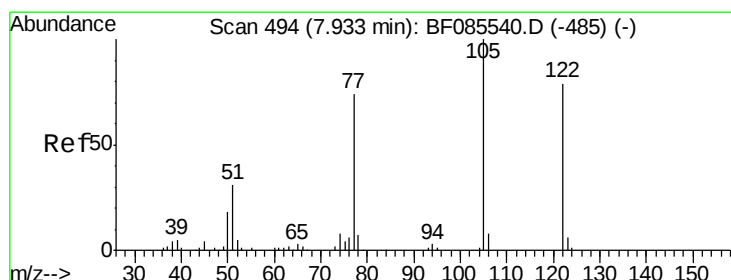
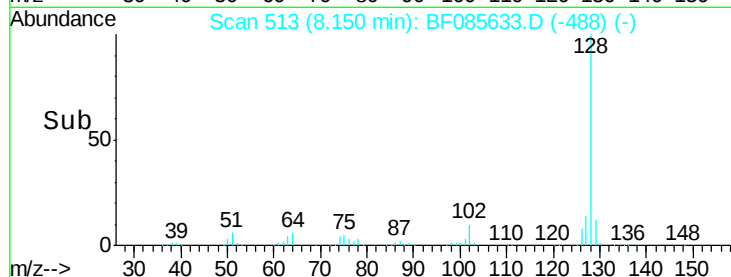
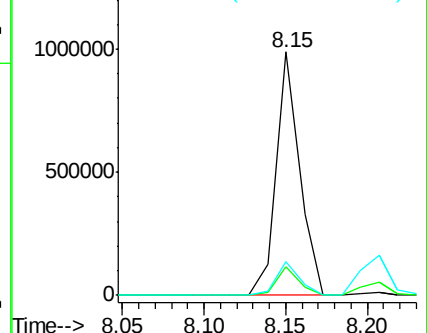
127 13.7 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 25.35 ng

RT: 7.90 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

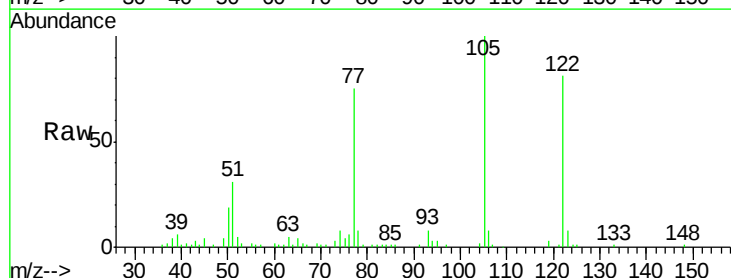
Tgt Ion:122 Resp: 150774

Ion Ratio Lower Upper

122 100

105 123.0 102.9 142.9

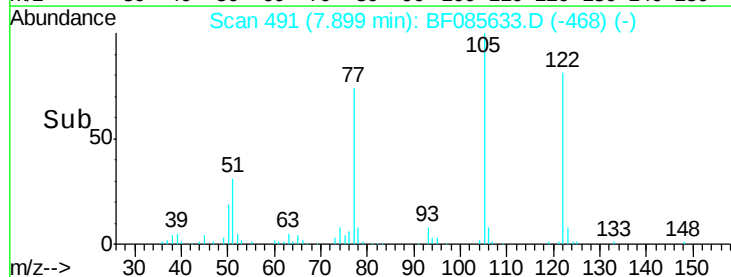
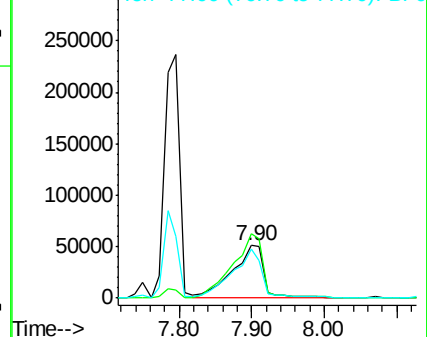
77 92.3 71.8 111.8

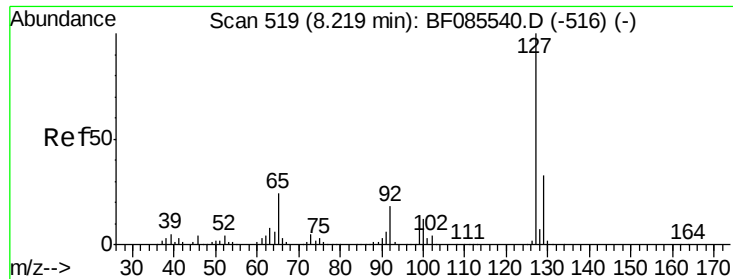


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

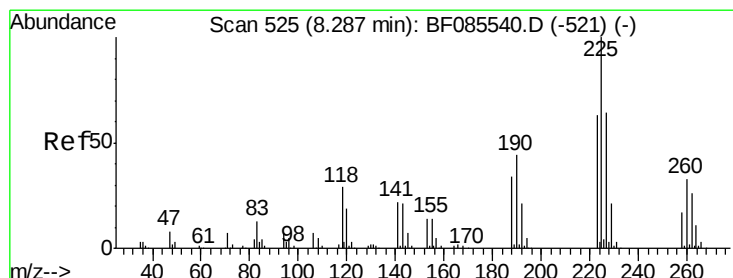
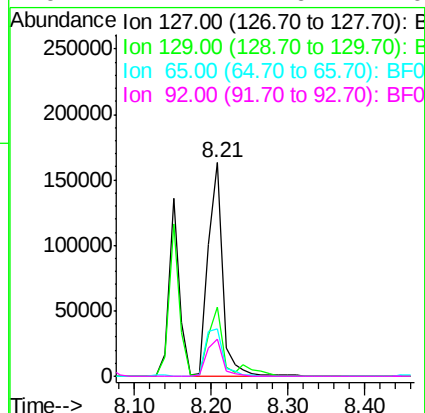
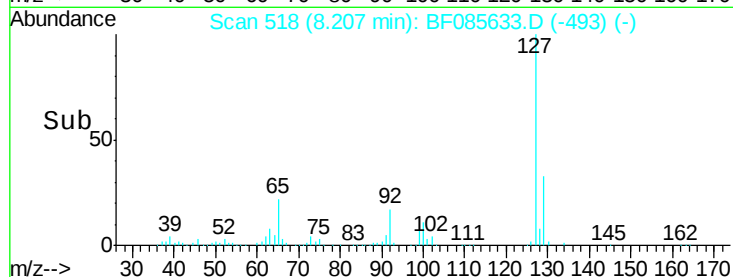
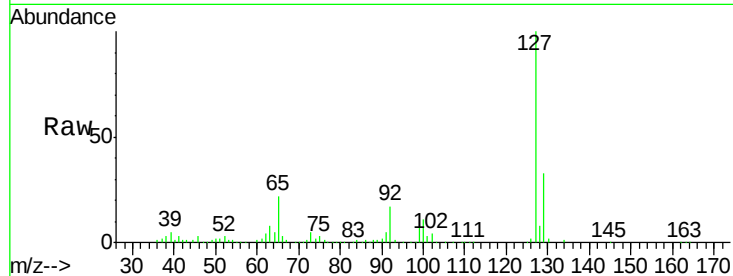




#33
4-Chloroaniline
Concen: 23.65 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF085633.D
Acq: 21 Mar 2016 20:27

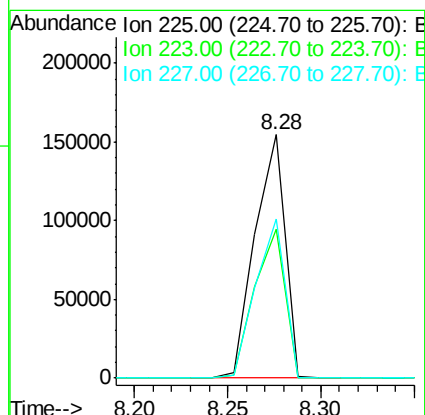
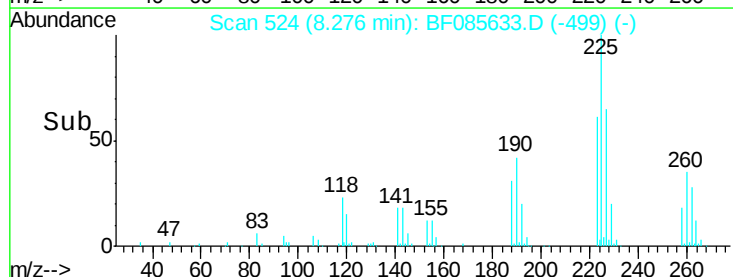
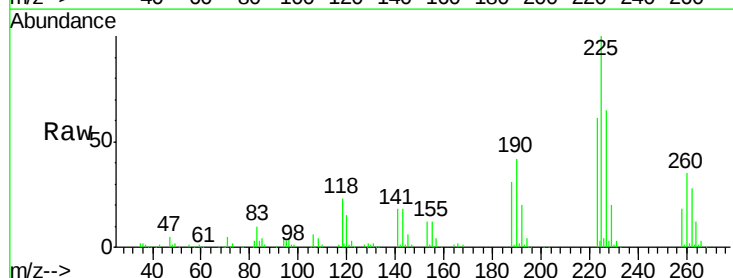
Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MS

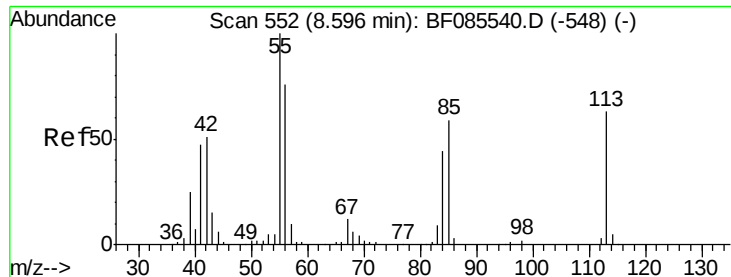
Tgt Ion:	127	Resp:	211237
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	22.4	19.5	29.3
92	17.1	14.6	22.0



#34
Hexachlorobutadiene
Concen: 49.00 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085633.D
Acq: 21 Mar 2016 20:27

Tgt Ion:	225	Resp:	171861
Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.4	75.6
227	65.1	51.4	77.2

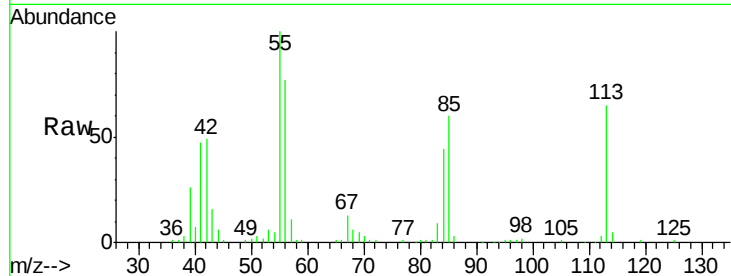




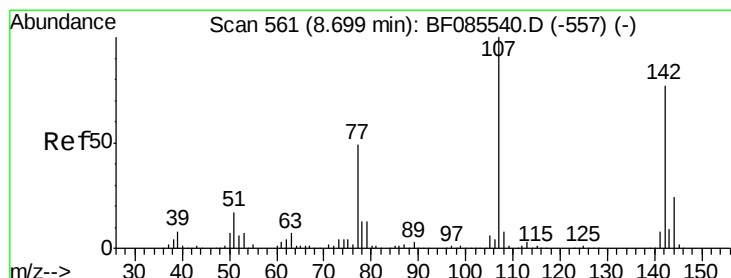
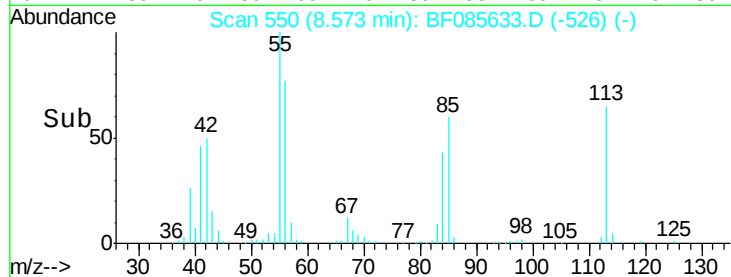
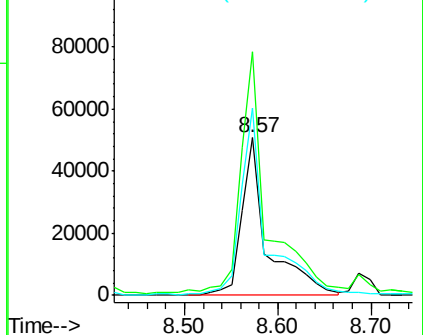
#35
 Caprolactam
 Concen: 47.71 ng
 RT: 8.57 min Scan# 550
 Delta R.T. -0.02 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MS

Tgt Ion:113 Resp: 96454
 Ion Ratio Lower Upper
 113 100
 55 154.5 139.4 179.4
 56 118.9 100.4 140.4

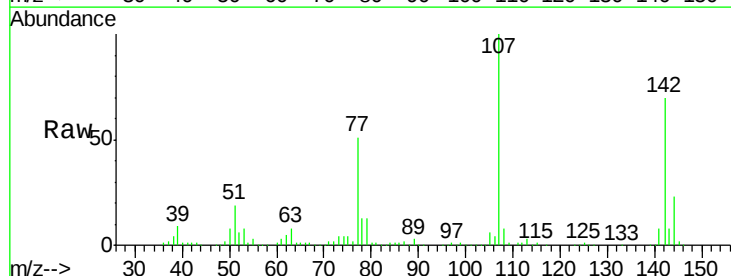


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

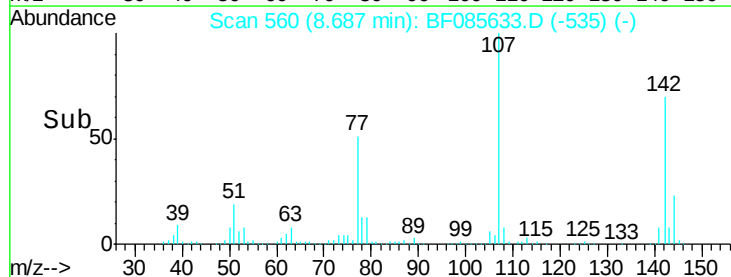
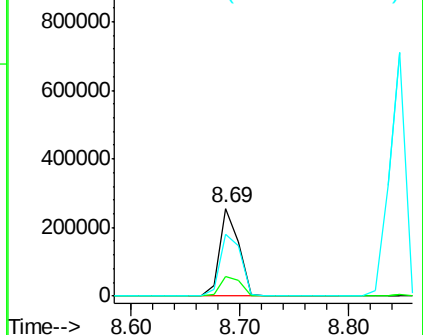


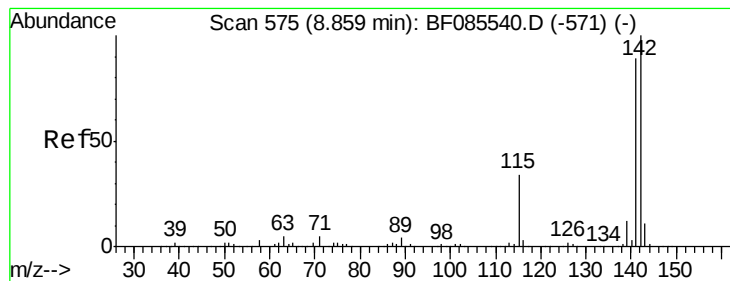
#36
 4-Chloro-3-methylphenol
 Concen: 45.60 ng
 RT: 8.69 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

Tgt Ion:107 Resp: 312875
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.3 28.9
 142 70.4 61.4 92.0



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

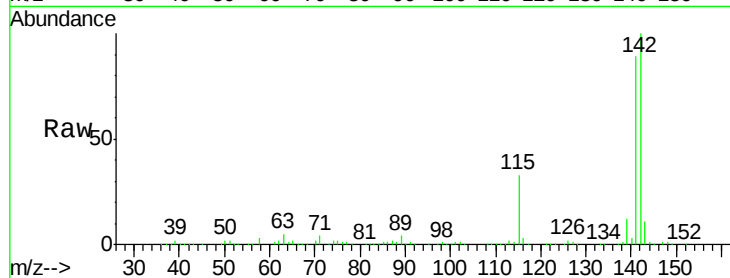




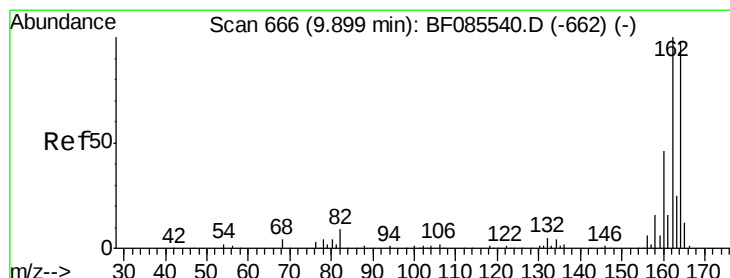
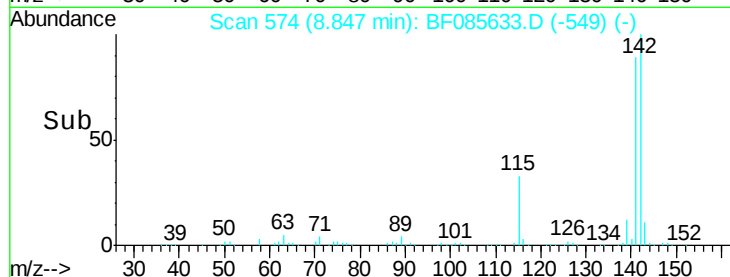
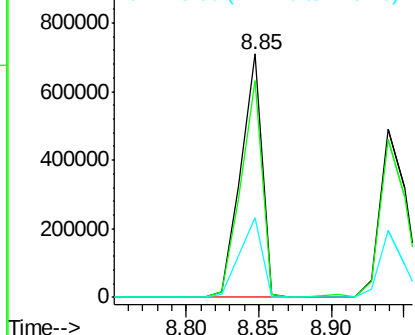
#37
2-Methylnaphthalene
Concen: 54.78 ng
RT: 8.85 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF085633.D
Acq: 21 Mar 2016 20:27

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MS

Tgt Ion:142 Resp: 727591
Ion Ratio Lower Upper
142 100
141 89.1 71.6 107.4
115 32.7 26.8 40.2

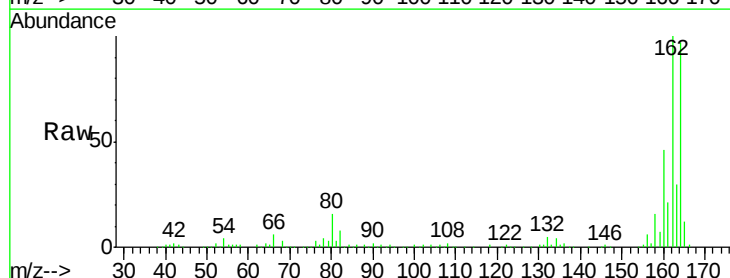


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

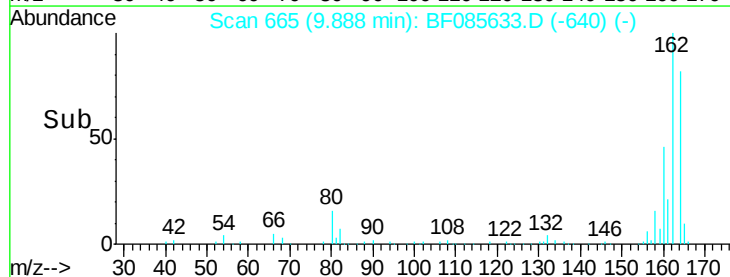
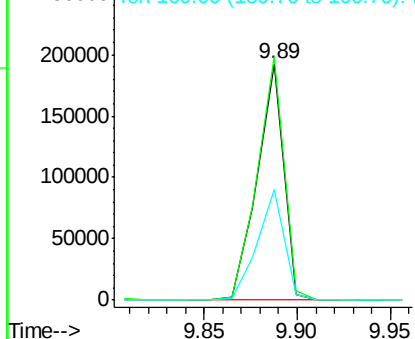


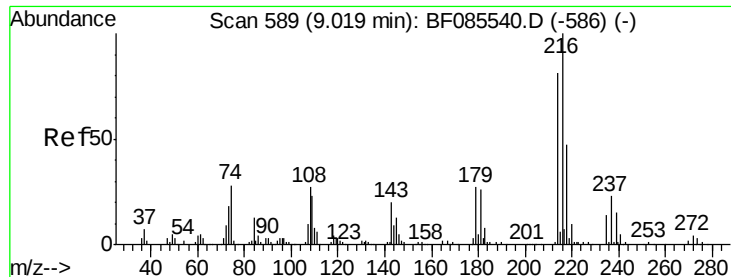
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085633.D
Acq: 21 Mar 2016 20:27

Tgt Ion:164 Resp: 188825
Ion Ratio Lower Upper
164 100
162 102.9 82.1 123.1
160 46.9 37.4 56.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.63 ng

RT: 9.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MS

Tgt Ion:216 Resp: 255617

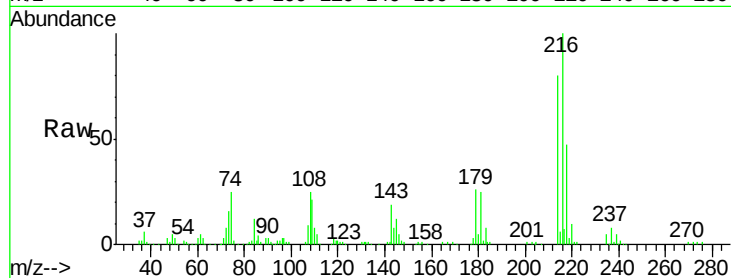
Ion Ratio Lower Upper

216 100

214 79.0 63.1 94.7

179 22.8 18.2 27.2

108 21.8 17.3 25.9

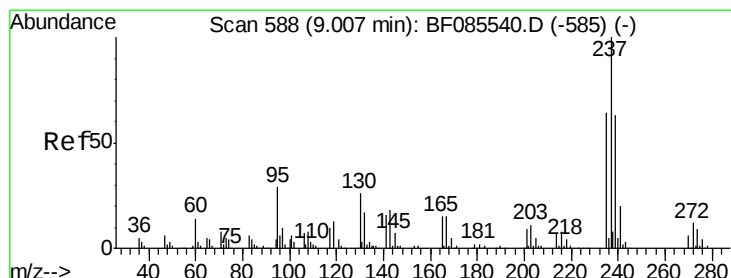
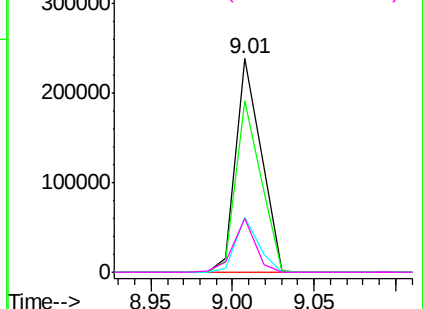
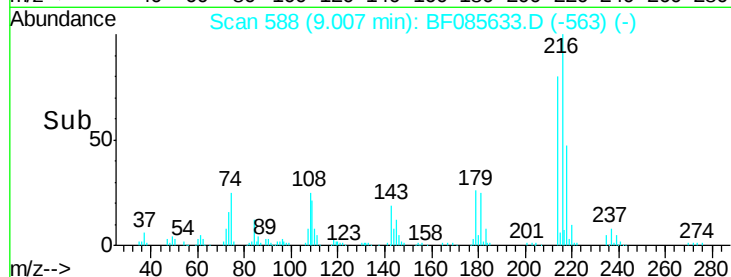


Abundance Ion 216.00 (215.70 to 216.70): E

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: 44.43 ng

RT: 9.00 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

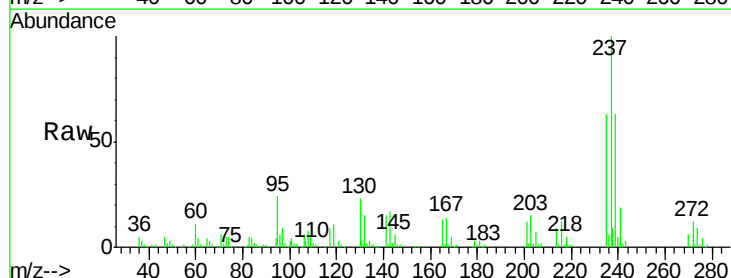
Tgt Ion:237 Resp: 114685

Ion Ratio Lower Upper

237 100

235 63.4 43.7 83.7

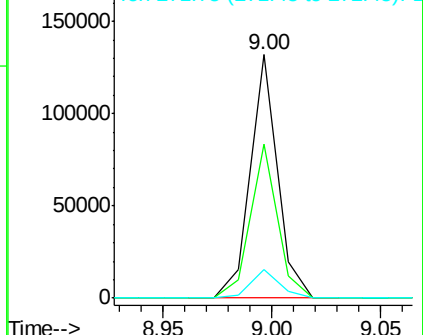
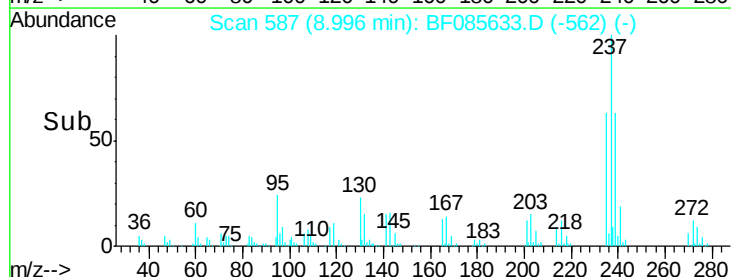
272 11.8 0.0 31.9

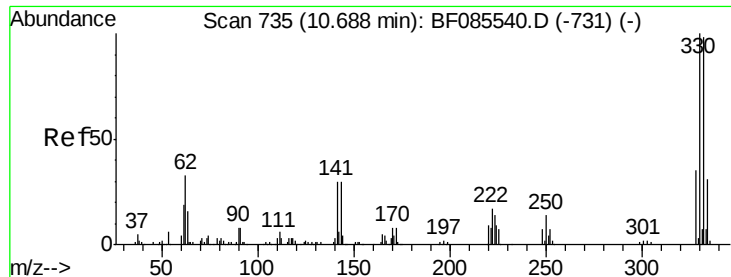


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

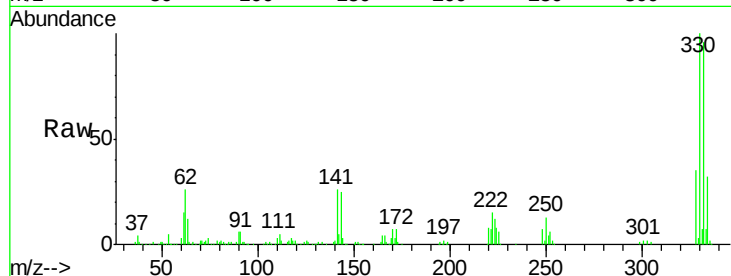




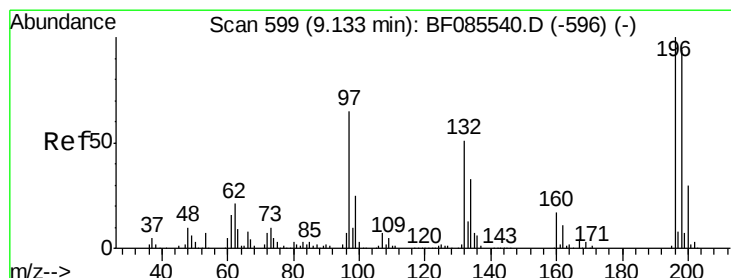
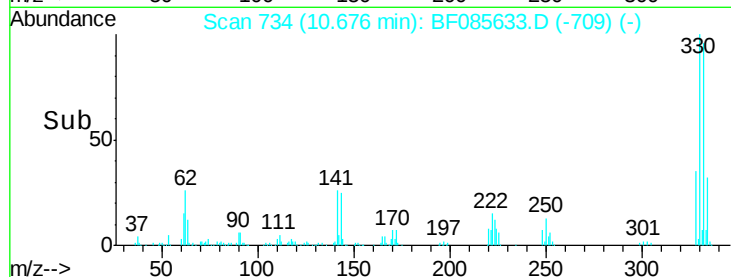
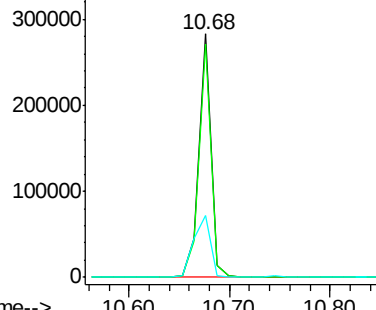
#41
 2,4,6-Tribromophenol
 Concen: 128.97 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MS

Tgt Ion:330 Resp: 238552
 Ion Ratio Lower Upper
 330 100
 332 95.6 78.2 117.2
 141 35.3 31.5 47.3

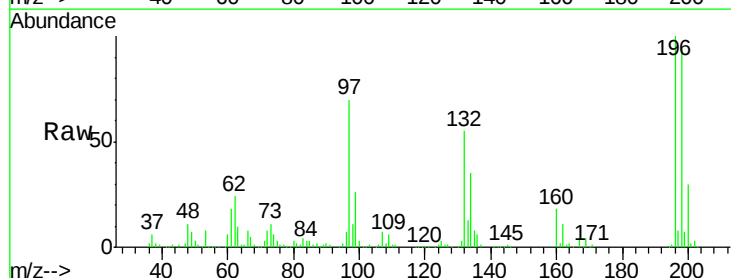


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

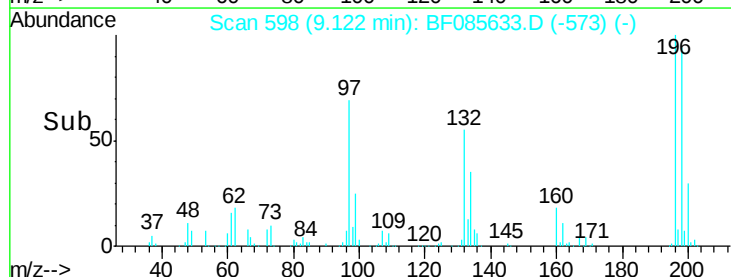
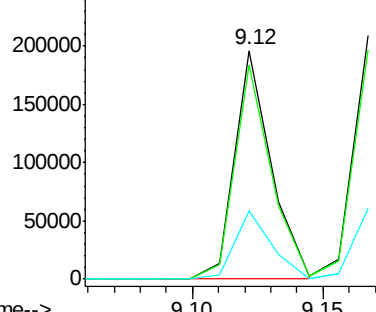


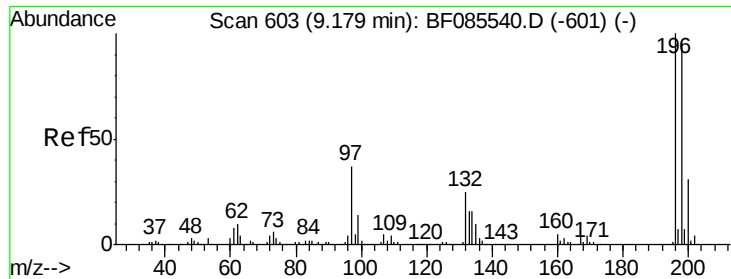
#42
 2,4,6-Trichlorophenol
 Concen: 48.74 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

Tgt Ion:196 Resp: 191100
 Ion Ratio Lower Upper
 196 100
 198 93.6 75.3 112.9
 200 29.8 23.7 35.5



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

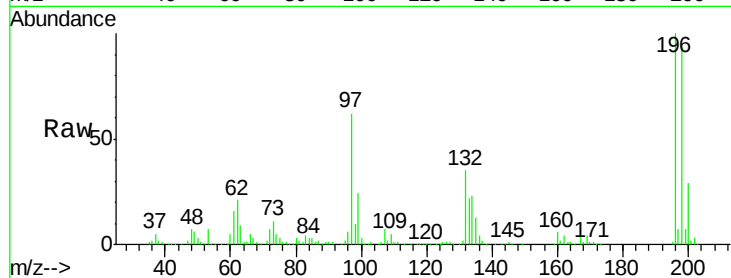




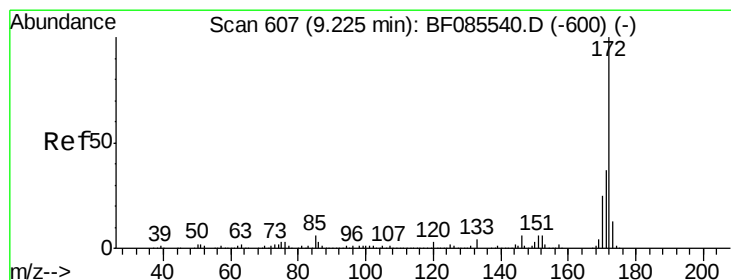
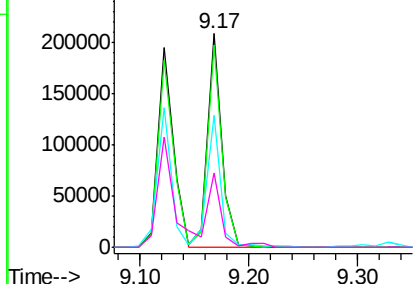
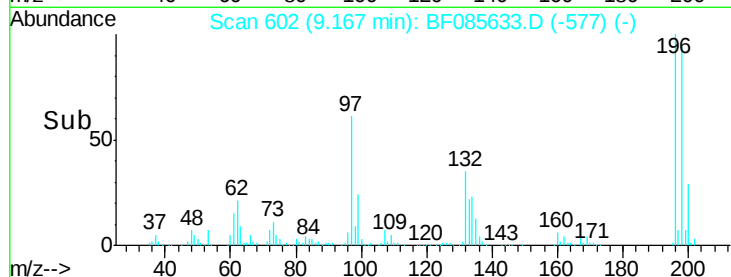
#43
 2,4,5-Trichlorophenol
 Concen: 48.63 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MS

Tgt Ion:196 Resp: 194064
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.6 114.8
 97 61.7 30.5 45.7#
 132 34.6 20.2 30.2#

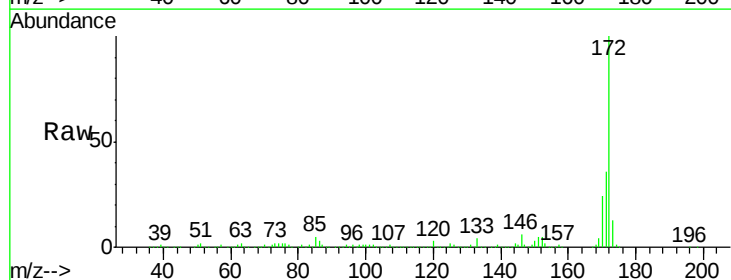


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

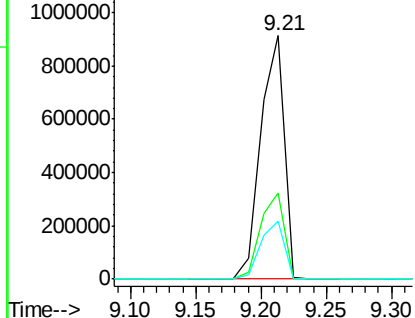
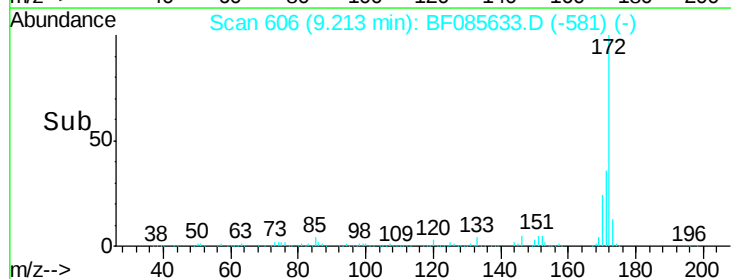


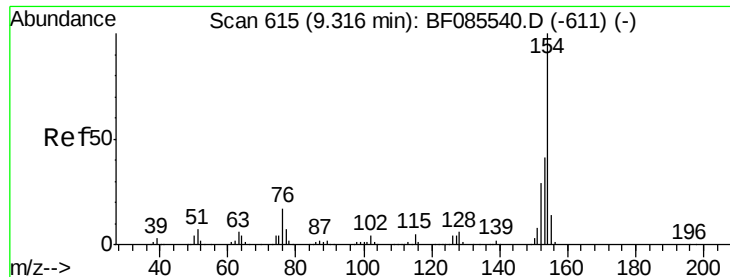
#44
 2-Fluorobiphenyl
 Concen: 112.80 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

Tgt Ion:172 Resp: 1147564
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.2
 170 23.9 19.8 29.6



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

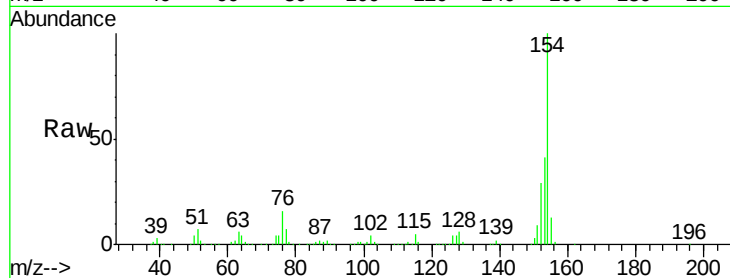




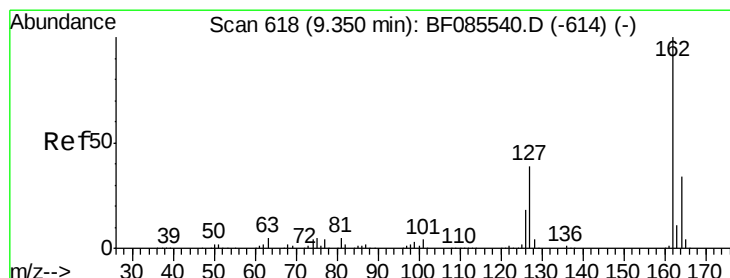
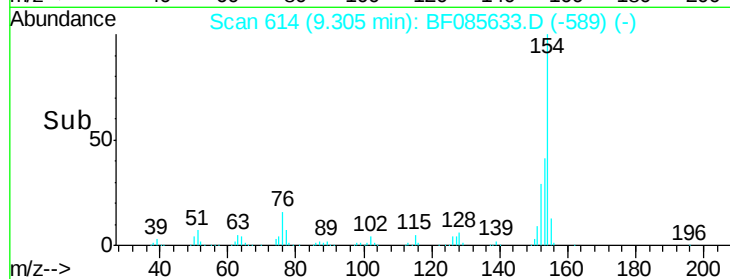
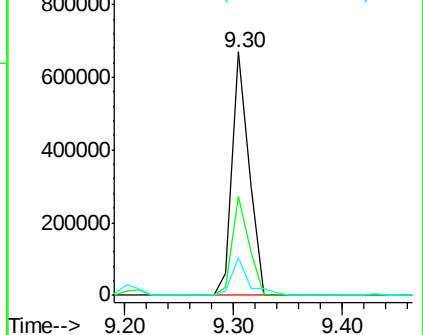
#45
 1,1'-Biphenyl
 Concen: 43.45 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MS

Tgt Ion:154 Resp: 707750
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.8 60.8
 76 15.7 0.0 36.7

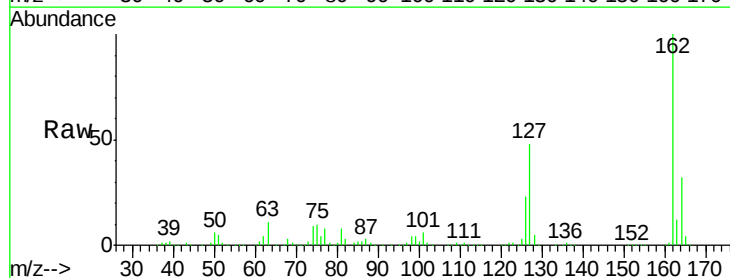


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

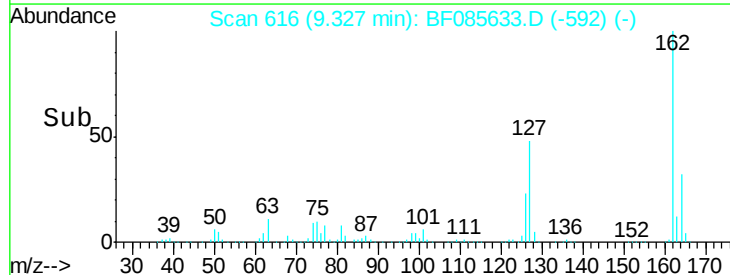
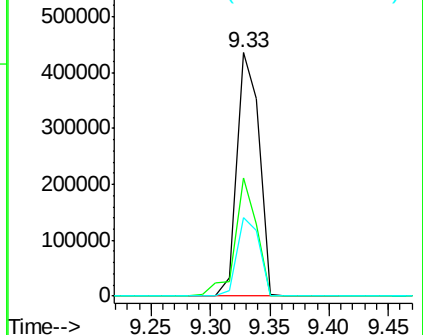


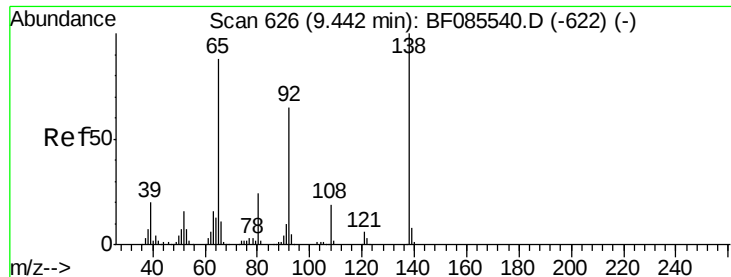
#46
 2-Chloronaphthalene
 Concen: 47.68 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

Tgt Ion:162 Resp: 567323
 Ion Ratio Lower Upper
 162 100
 127 48.5 31.7 47.5#
 164 32.0 27.3 40.9



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

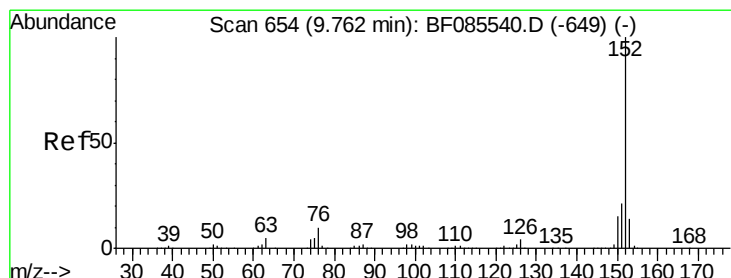
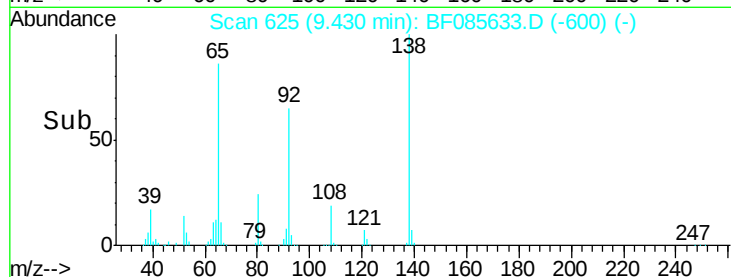
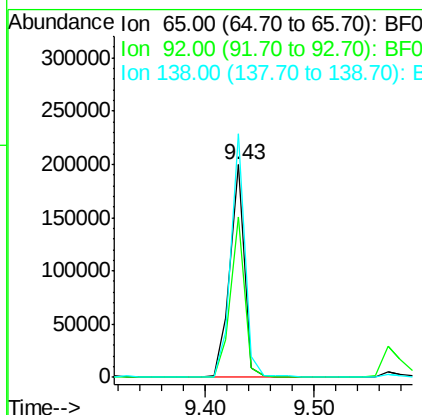
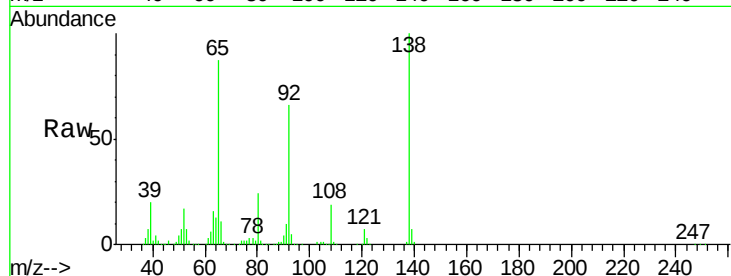




#47
2-Nitroaniline
Concen: 51.62 ng
RT: 9.43 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF085633.D
Acq: 21 Mar 2016 20:27

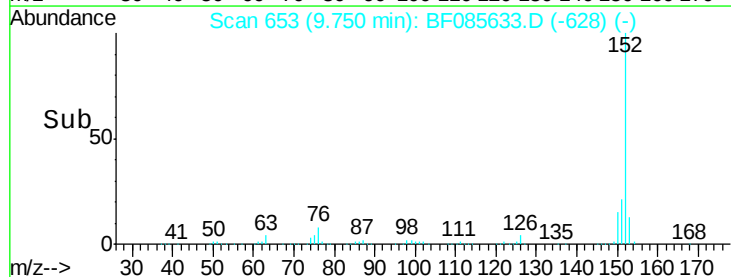
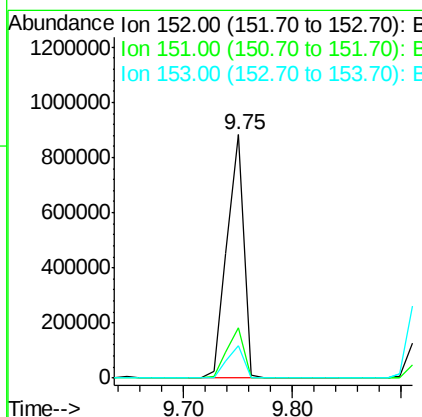
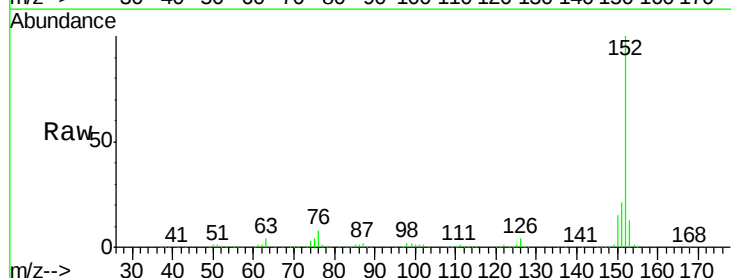
Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MS

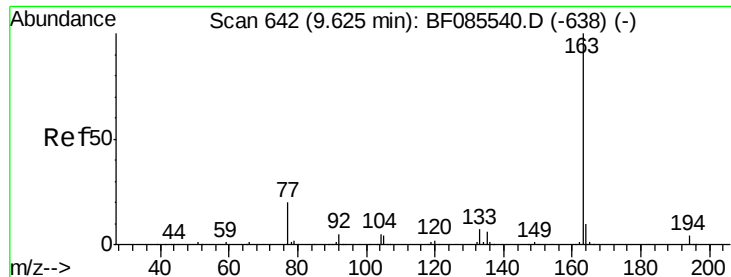
Tgt Ion: 65 Resp: 185815
Ion Ratio Lower Upper
65 100
92 75.2 59.7 89.5
138 114.5 91.4 137.0



#48
Acenaphthylene
Concen: 48.87 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF085633.D
Acq: 21 Mar 2016 20:27

Tgt Ion: 152 Resp: 941079
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 13.1 10.9 16.3

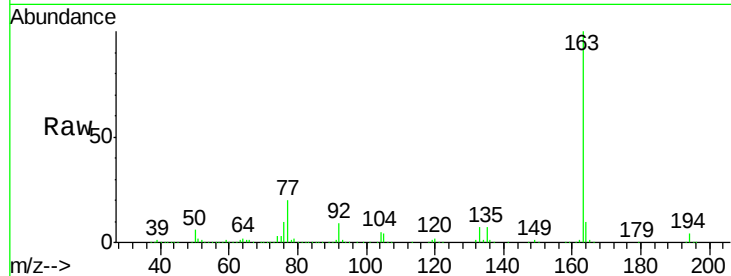




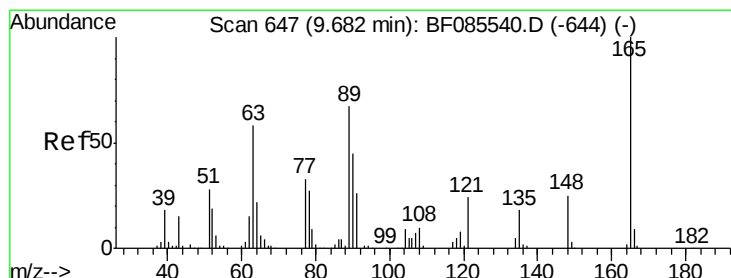
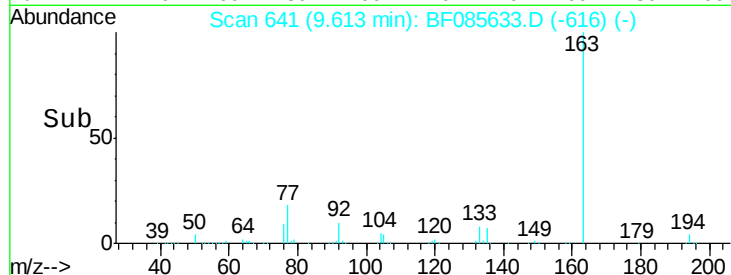
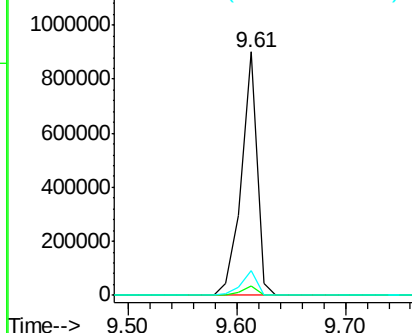
#49
Dimethylphthalate
Concen: 61.98 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF085633.D
Acq: 21 Mar 2016 20:27

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MS

Tgt Ion:163 Resp: 883218
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 10.2 8.3 12.5

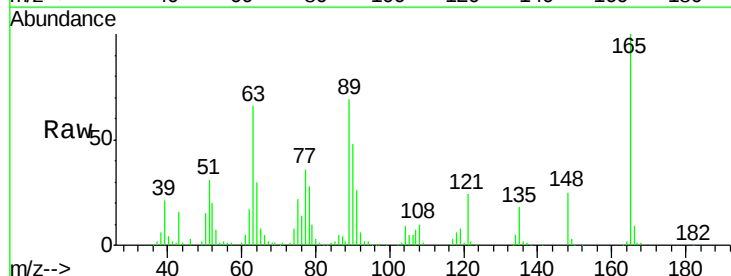


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

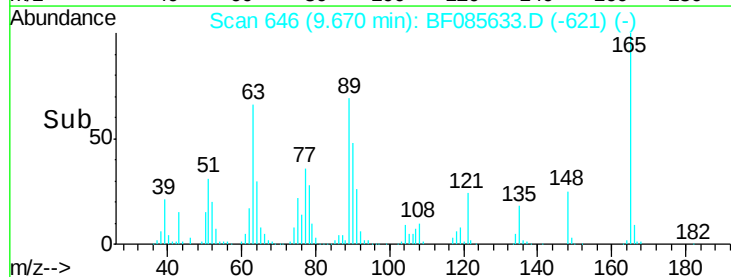
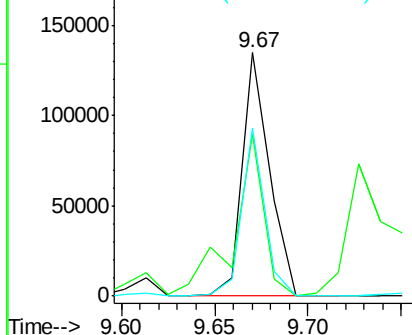


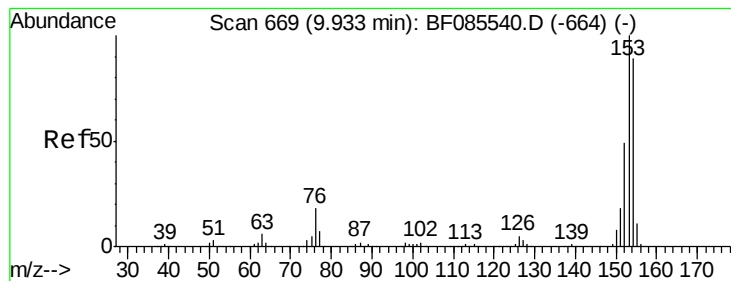
#50
2,6-Dinitrotoluene
Concen: 45.33 ng
RT: 9.67 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF085633.D
Acq: 21 Mar 2016 20:27

Tgt Ion:165 Resp: 136352
Ion Ratio Lower Upper
165 100
63 66.5 51.8 77.8
89 69.2 53.7 80.5



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.30 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MS

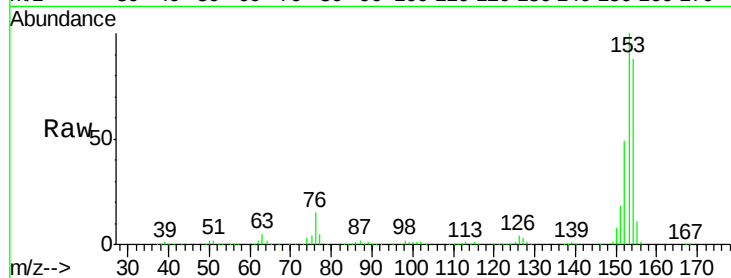
Tgt Ion:154 Resp: 583599

Ion Ratio Lower Upper

154 100

153 113.5 90.1 135.1

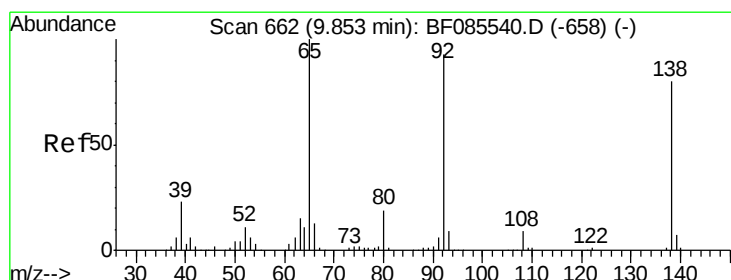
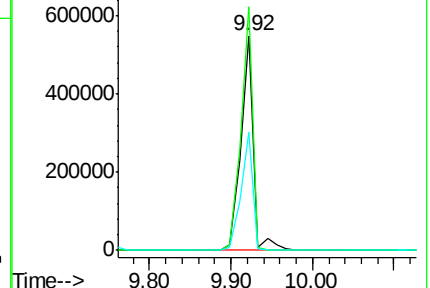
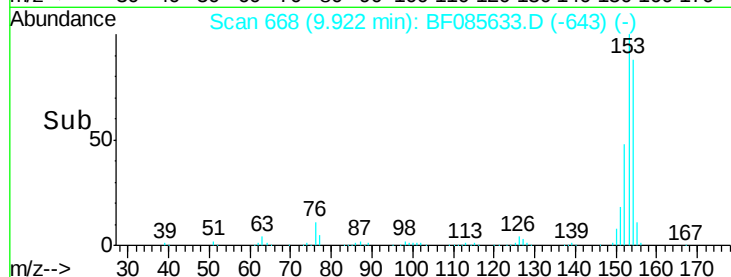
152 55.1 44.2 66.2



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: 34.89 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

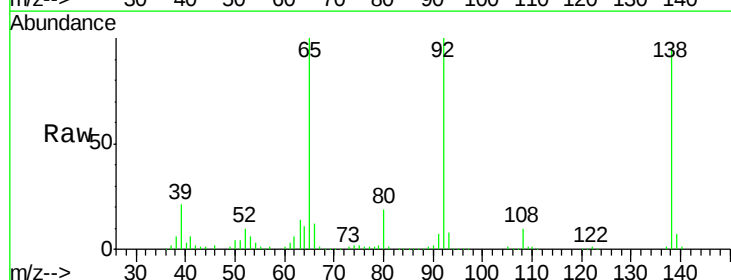
Tgt Ion:138 Resp: 131433

Ion Ratio Lower Upper

138 100

108 10.2 8.7 13.1

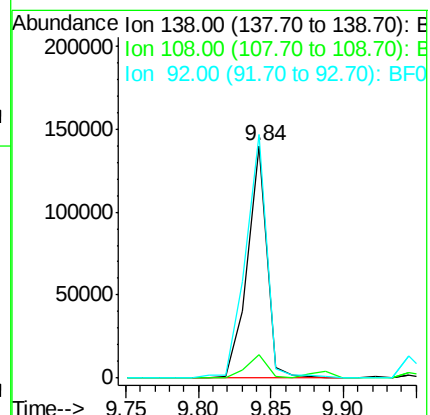
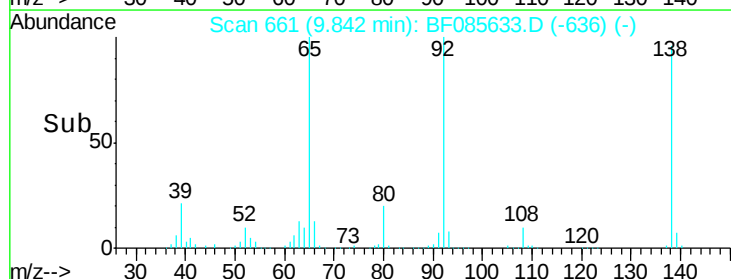
92 104.8 93.3 139.9

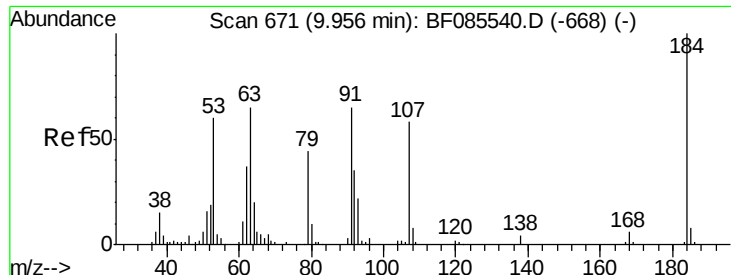


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

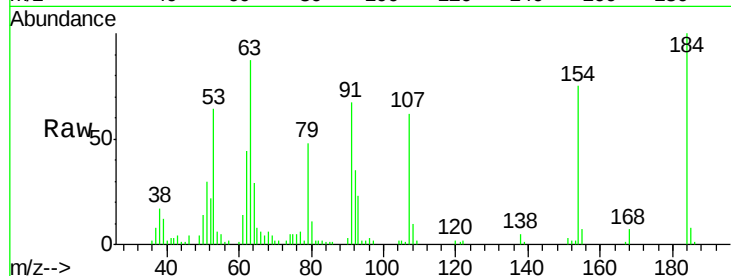




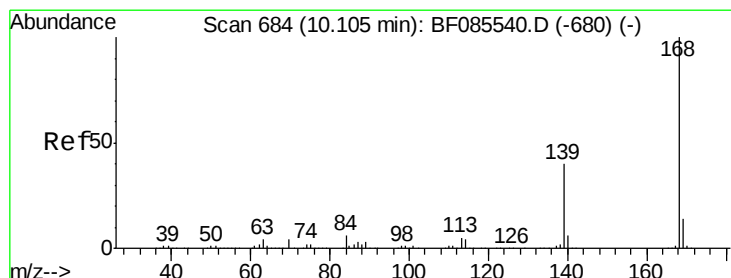
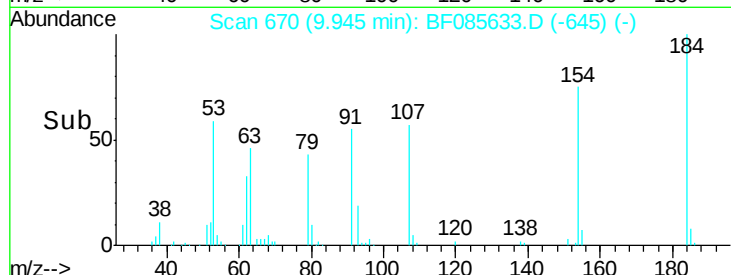
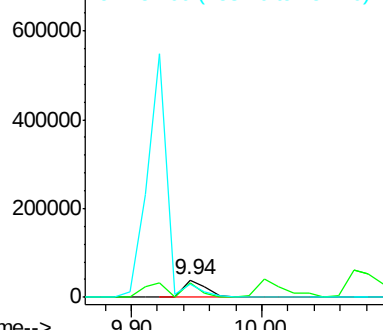
#53
2,4-Dinitrophenol
Concen: 26.70 ng
RT: 9.94 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF085633.D
Acq: 21 Mar 2016 20:27

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MS

Tgt Ion:184 Resp: 49203
Ion Ratio Lower Upper
184 100
63 87.5 69.5 104.3
154 75.1 58.3 87.5

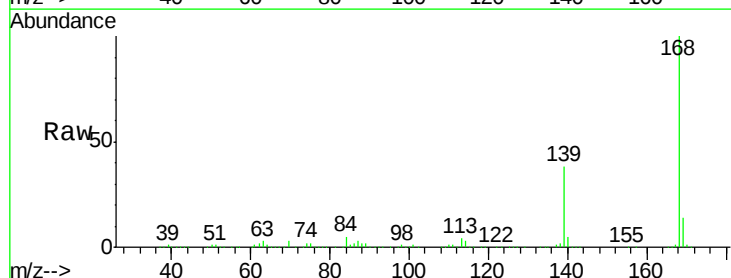


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

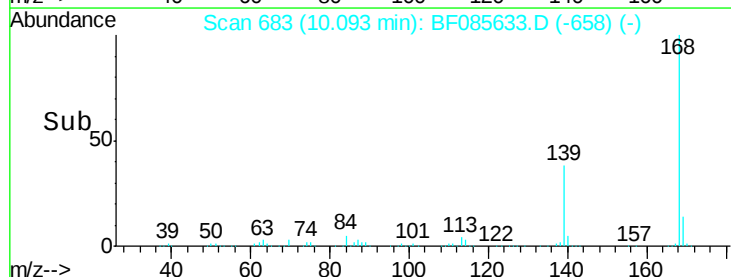
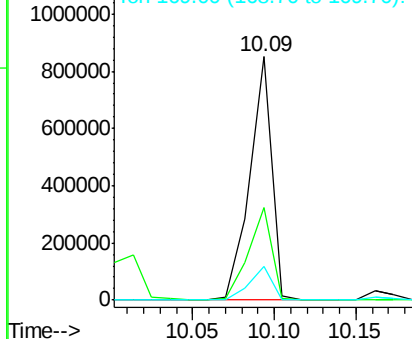


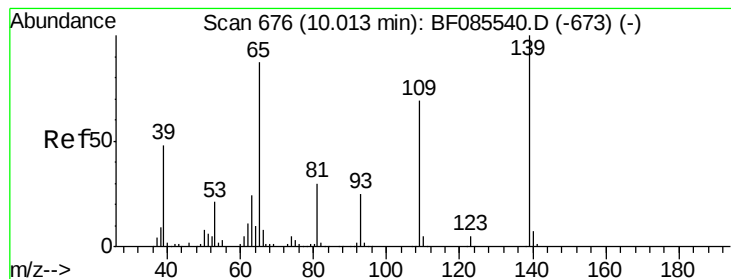
#54
Dibenzofuran
Concen: 54.24 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085633.D
Acq: 21 Mar 2016 20:27

Tgt Ion:168 Resp: 798141
Ion Ratio Lower Upper
168 100
139 38.0 31.9 47.9
169 13.6 11.0 16.6



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





#55

4-Nitrophenol

Concen: 73.10 ng

RT: 10.01 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MS

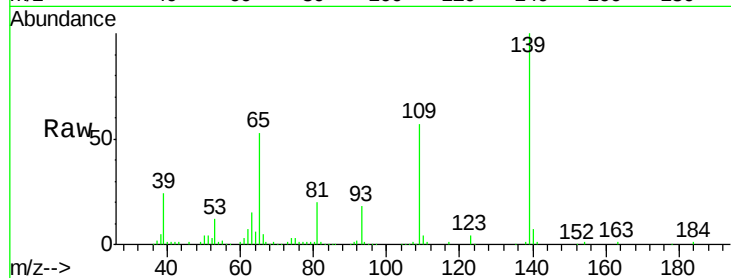
Tgt Ion:139 Resp: 212835

Ion Ratio Lower Upper

139 100

109 57.4 49.2 89.2

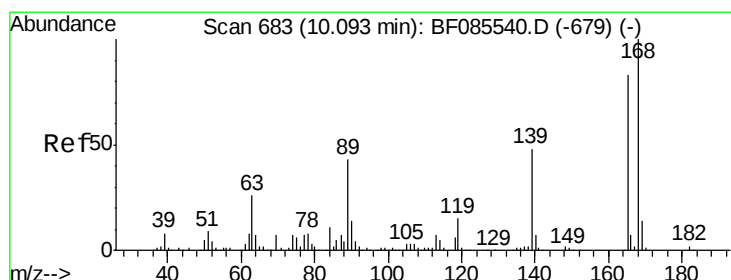
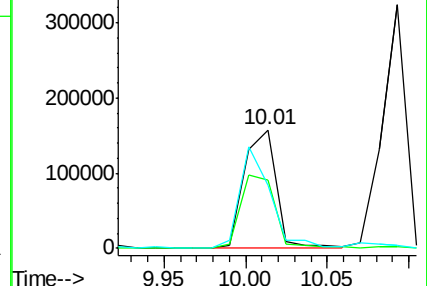
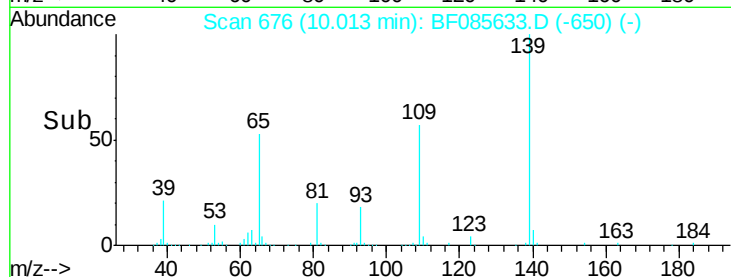
65 53.5 66.9 106.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 47.60 ng

RT: 10.08 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

Tgt Ion:165 Resp: 187472

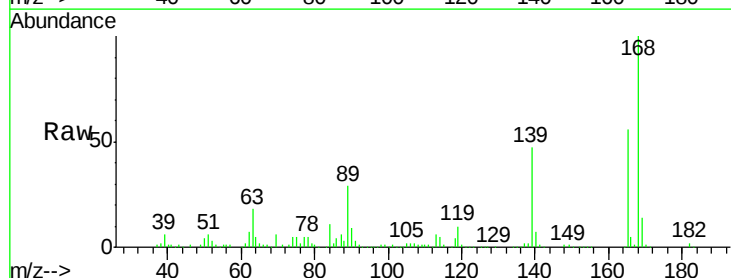
Ion Ratio Lower Upper

165 100

63 32.8 24.9 37.3

89 52.8 41.0 61.6

182 2.7 2.1 3.1

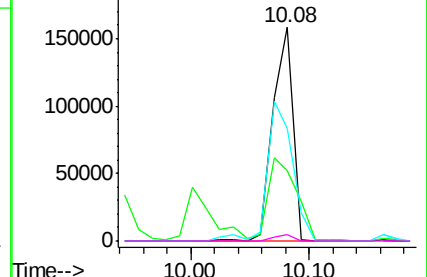
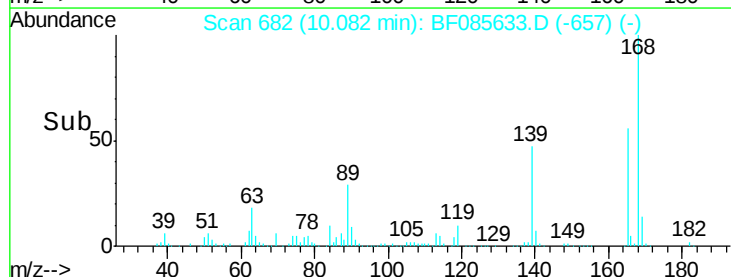


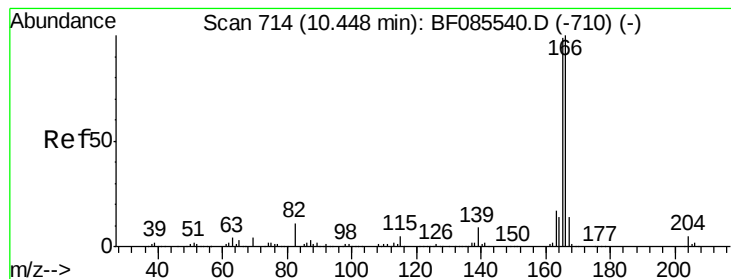
Abundance Ion 165.00 (164.70 to 165.70): E

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: 47.47 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MS

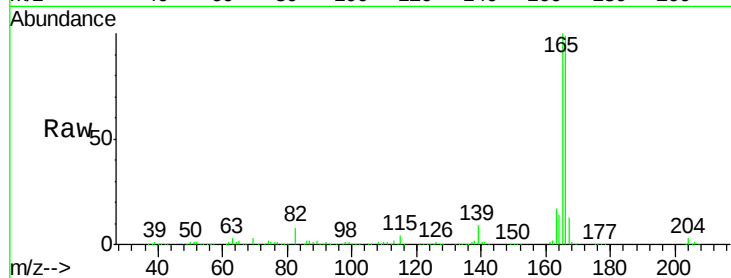
Tgt Ion:166 Resp: 582191

Ion Ratio Lower Upper

166 100

165 100.7 79.4 119.0

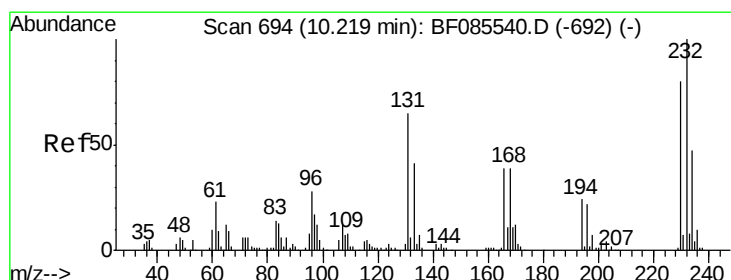
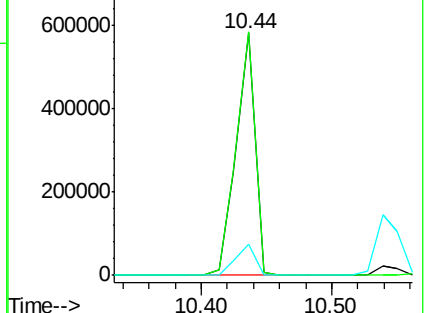
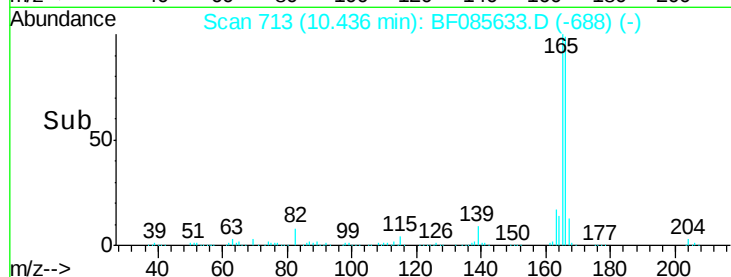
167 13.0 11.0 16.4



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: 47.72 ng

RT: 10.21 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

Tgt Ion:232 Resp: 137108

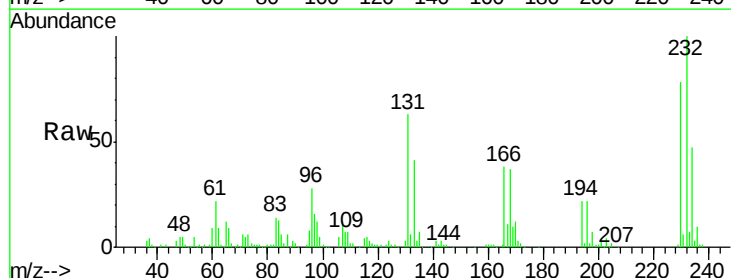
Ion Ratio Lower Upper

232 100

131 55.1 44.9 67.3

130 2.8 2.3 3.5

166 33.8 28.1 42.1

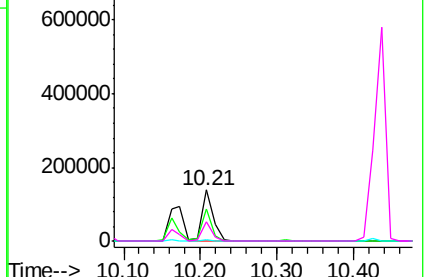
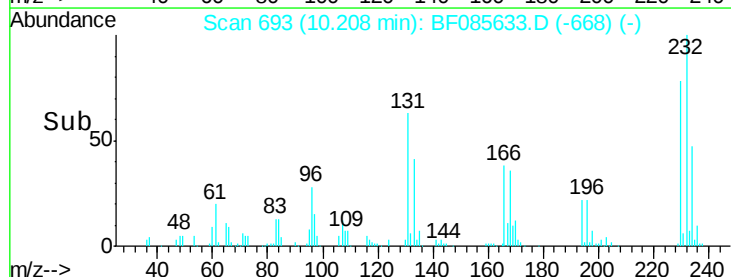


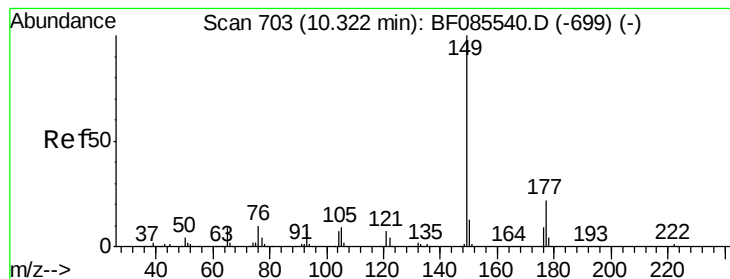
Abundance Ion 232.00 (231.70 to 232.70): E

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: 49.35 ng

RT: 10.31 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MS

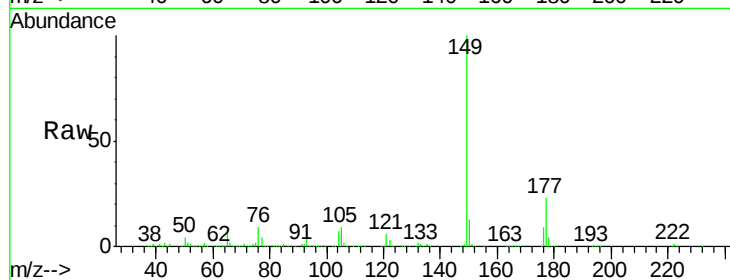
Tgt Ion:149 Resp: 699164

Ion Ratio Lower Upper

149 100

177 22.8 17.9 26.9

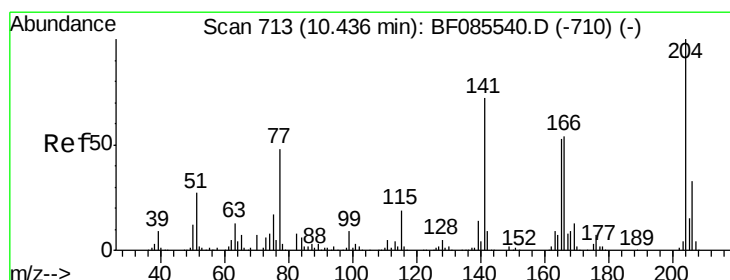
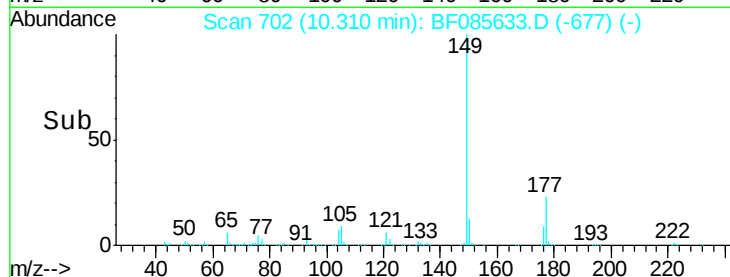
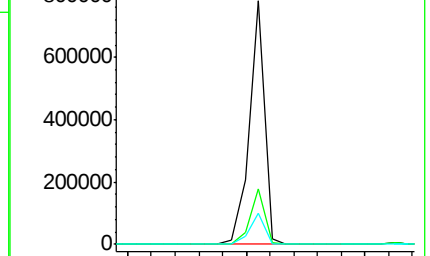
150 12.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.90 ng

RT: 10.42 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

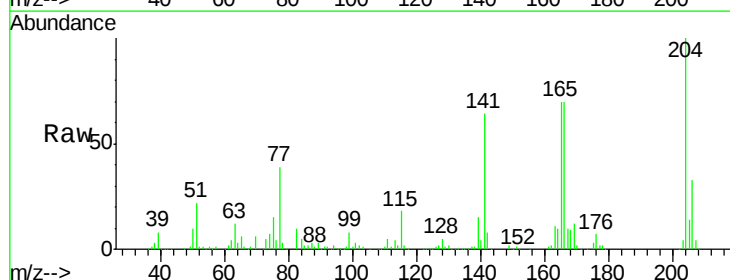
Tgt Ion:204 Resp: 280900

Ion Ratio Lower Upper

204 100

206 32.7 26.6 39.8

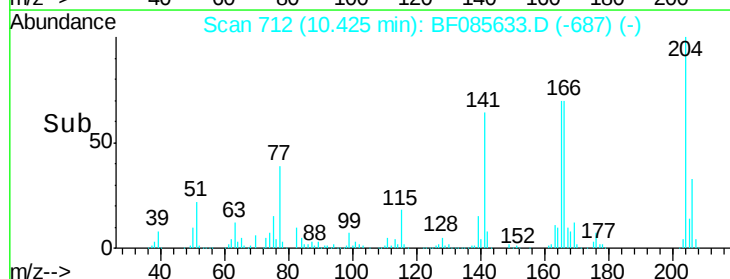
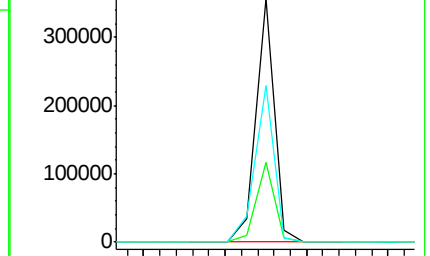
141 64.3 57.4 86.0

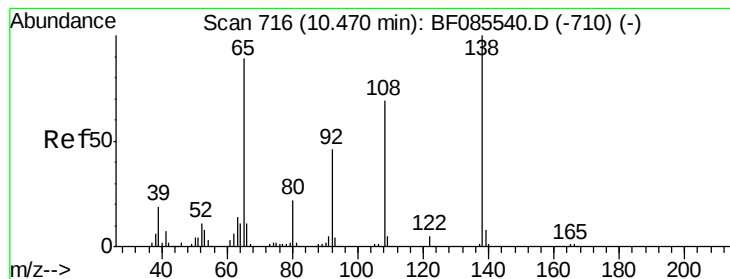


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.77 ng

RT: 10.45 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MS

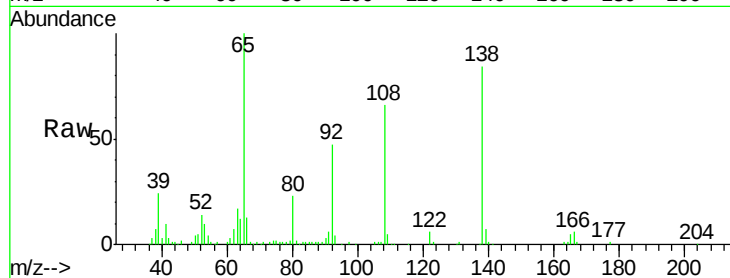
Tgt Ion:138 Resp: 125428

Ion Ratio Lower Upper

138 100

92 55.9 26.4 66.4

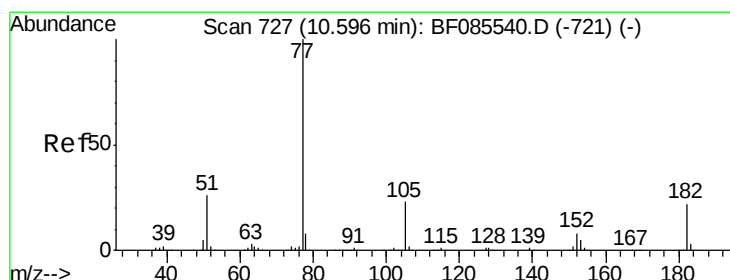
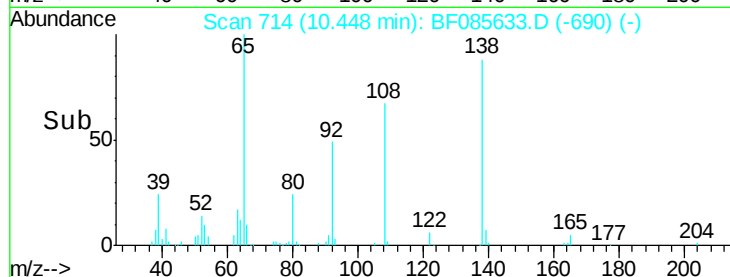
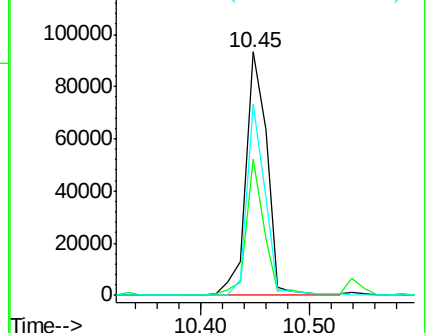
108 78.3 49.0 89.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.26 ng

RT: 10.58 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

Tgt Ion: 77 Resp: 669708

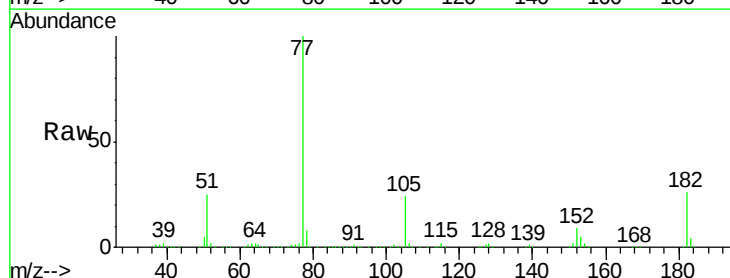
Ion Ratio Lower Upper

77 100

182 25.9 1.9 41.9

105 24.4 3.5 43.5

51 25.1 6.3 46.3

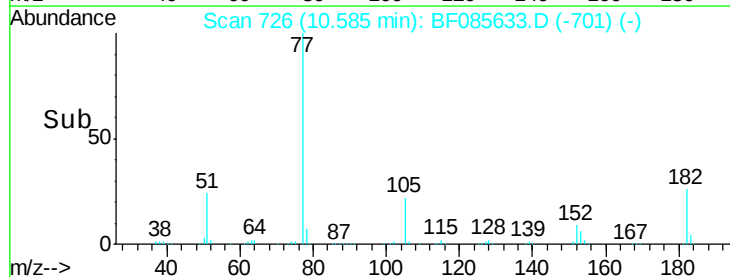
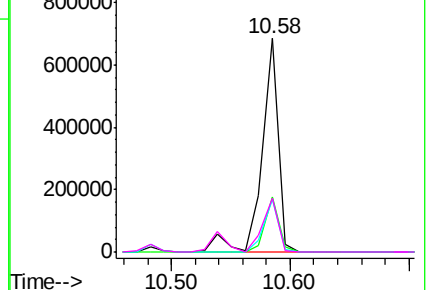


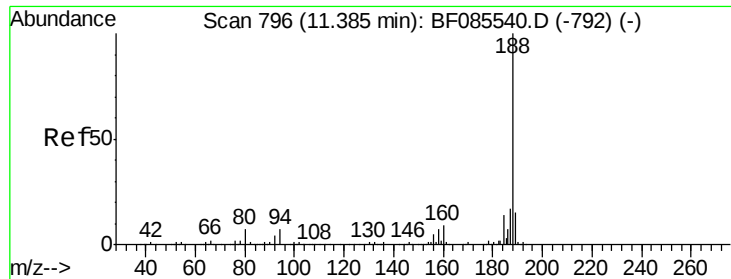
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

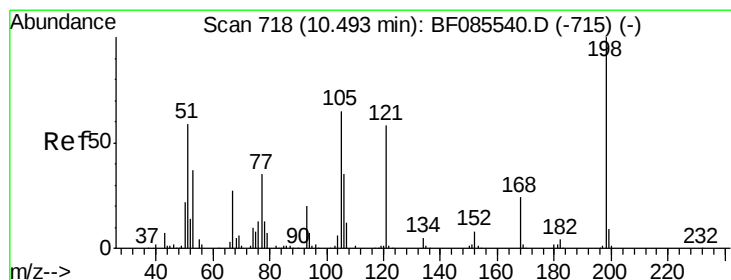
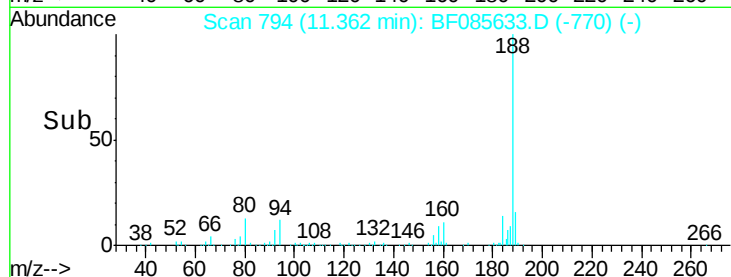
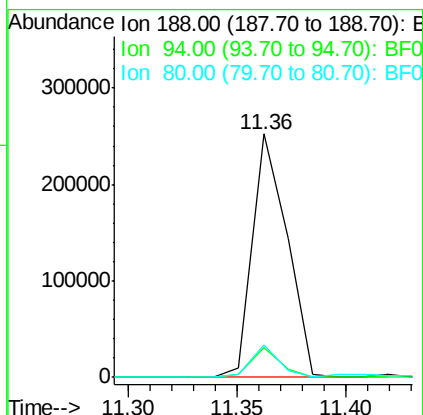
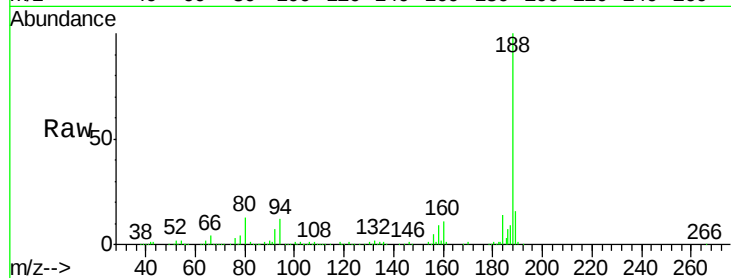




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085633.D
Acq: 21 Mar 2016 20:27

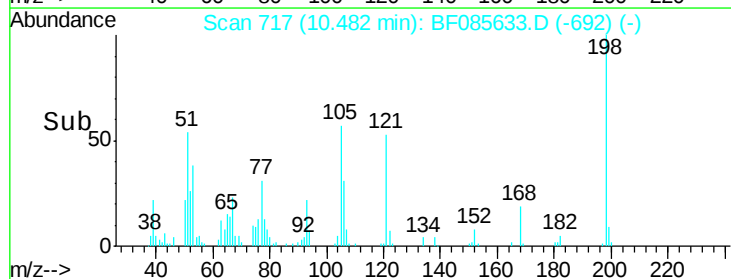
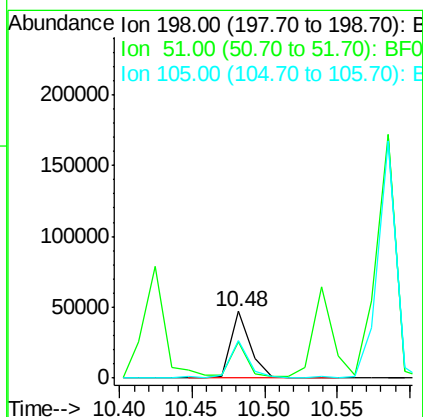
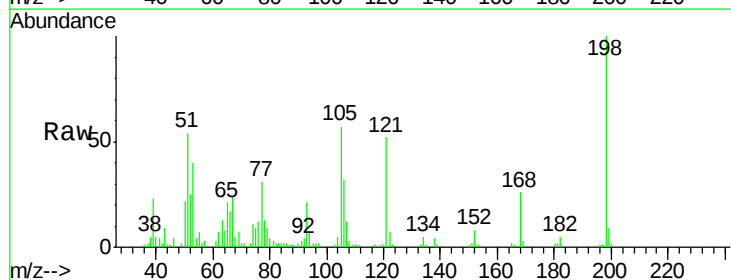
Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MS

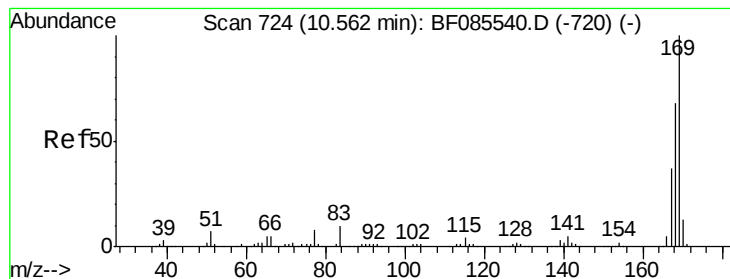
Tgt Ion:188 Resp: 280419
Ion Ratio Lower Upper
188 100
94 12.0 5.4 8.0#
80 13.3 5.5 8.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 24.68 ng
RT: 10.48 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF085633.D
Acq: 21 Mar 2016 20:27

Tgt Ion:198 Resp: 44290
Ion Ratio Lower Upper
198 100
51 53.7 45.4 85.4
105 56.5 45.9 85.9

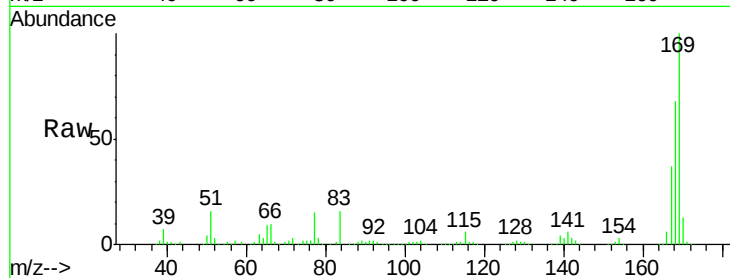




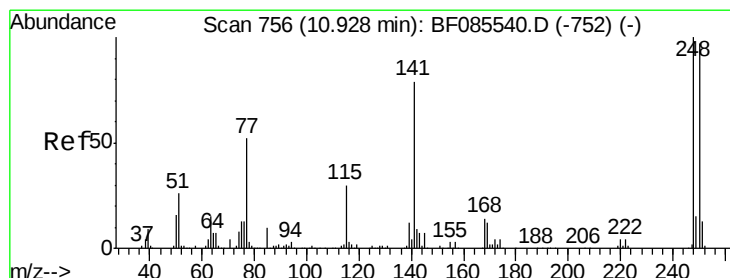
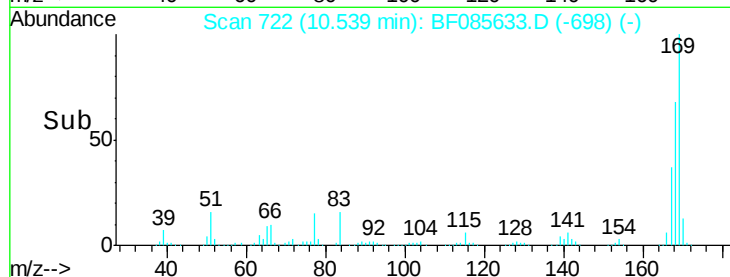
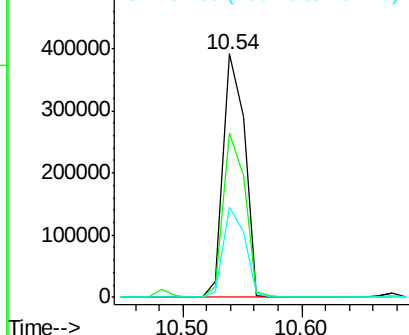
#65
 n-Nitrosodiphenylamine
 Concen: 56.20 ng
 RT: 10.54 min Scan# 722
 Delta R.T. -0.02 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MS

Tgt Ion:169 Resp: 490889
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.4 81.6
 167 37.2 29.4 44.0

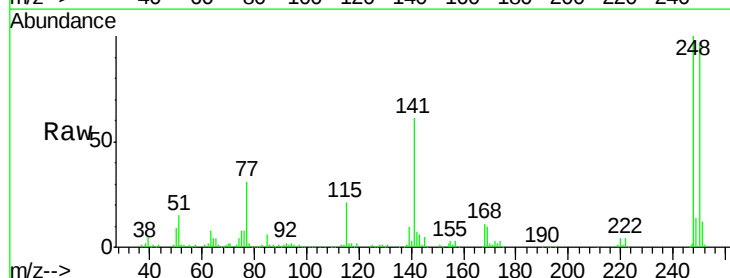


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

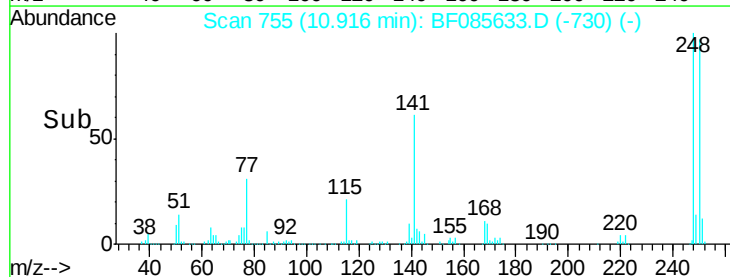
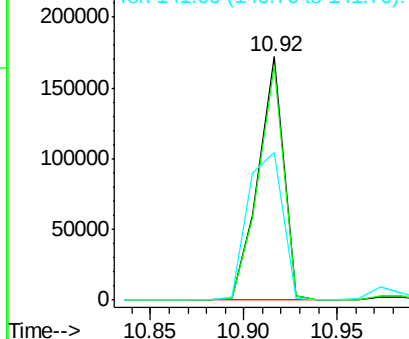


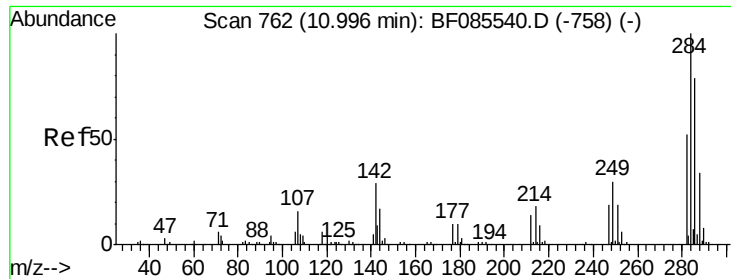
#66
 4-Bromophenyl-phenylether
 Concen: 57.87 ng
 RT: 10.92 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

Tgt Ion:248 Resp: 162101
 Ion Ratio Lower Upper
 248 100
 250 96.6 77.4 116.0
 141 60.5 63.6 95.4#



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

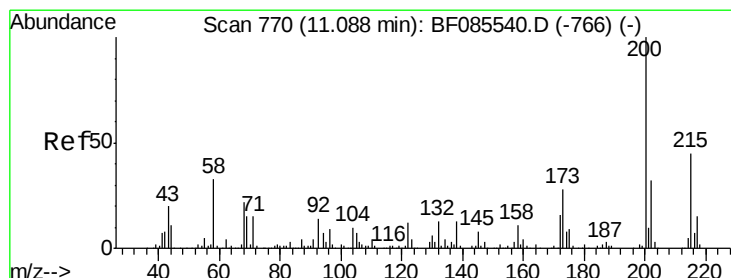
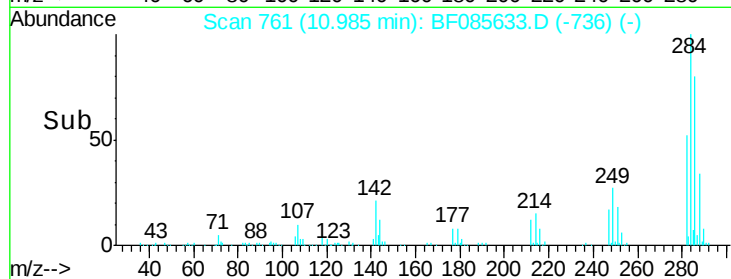
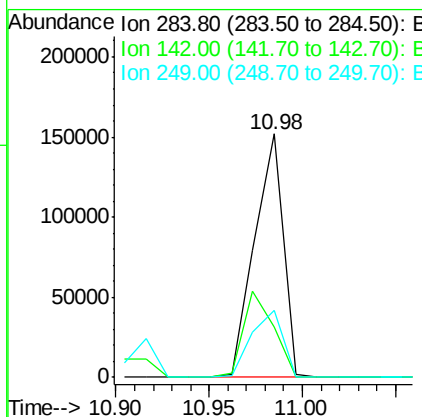
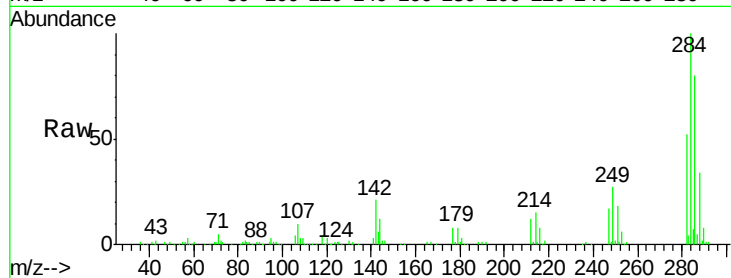




#67
Hexachlorobenzene
Concen: 54.21 ng
RT: 10.98 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF085633.D
Acq: 21 Mar 2016 20:27

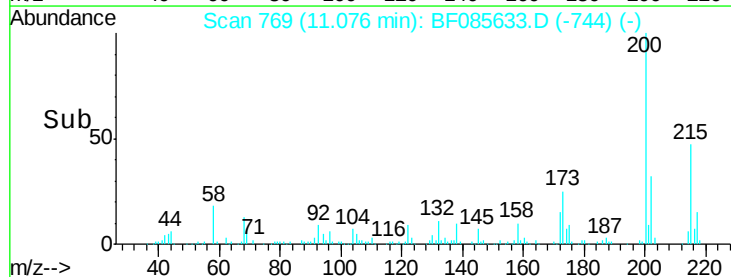
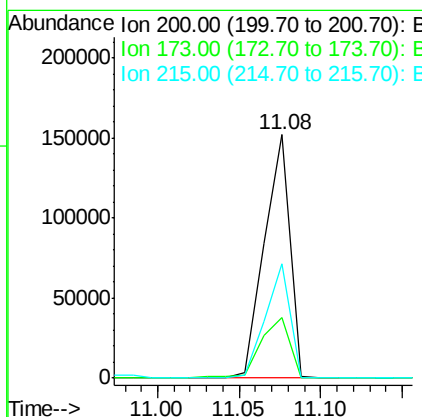
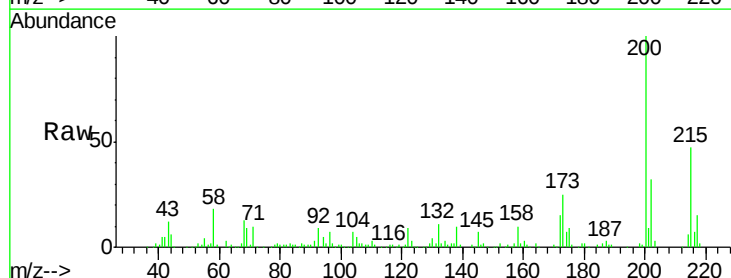
Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MS

Tgt Ion:284 Resp: 161347
Ion Ratio Lower Upper
284 100
142 20.5 23.1 34.7#
249 27.5 24.2 36.2



#68
Atrazine
Concen: 62.28 ng
RT: 11.08 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF085633.D
Acq: 21 Mar 2016 20:27

Tgt Ion:200 Resp: 165635
Ion Ratio Lower Upper
200 100
173 24.9 7.7 47.7
215 47.2 25.4 65.4

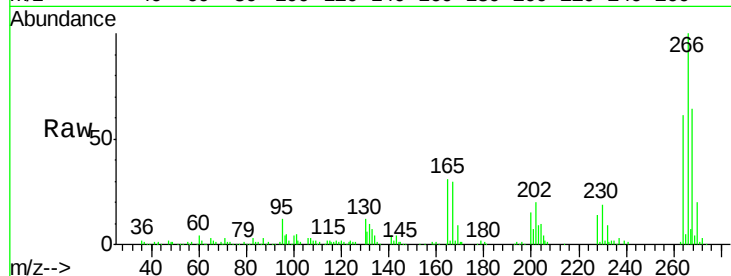




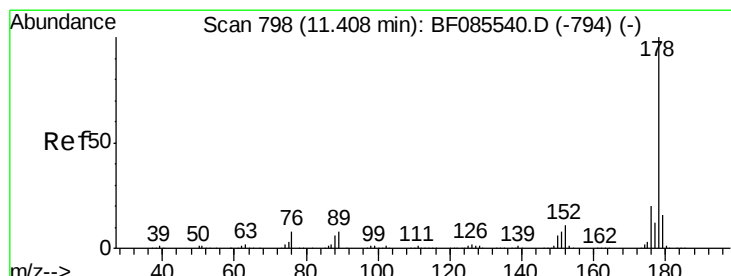
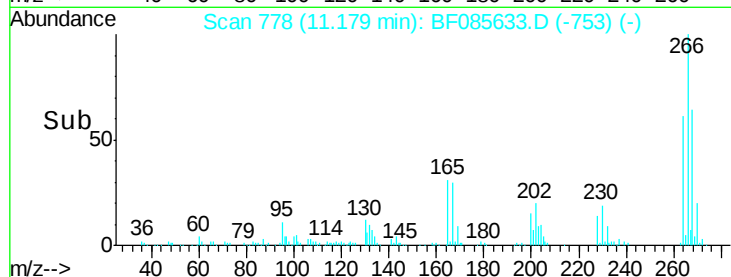
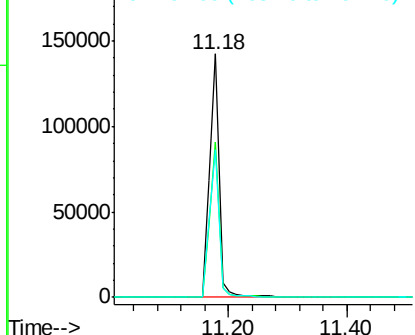
#69
 Pentachlorophenol
 Concen: 88.30 ng
 RT: 11.18 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MS

Tgt Ion:266 Resp: 159548
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.5 77.3
 264 60.5 50.6 76.0

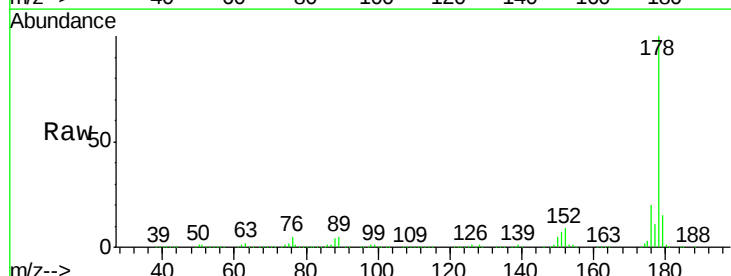


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

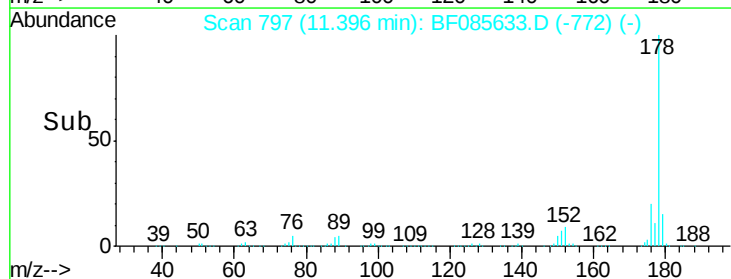
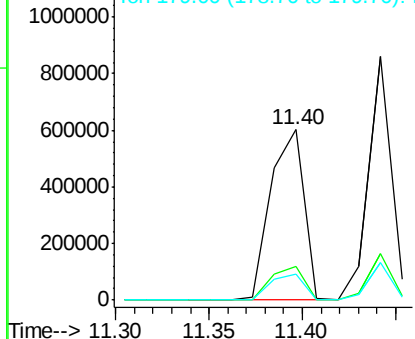


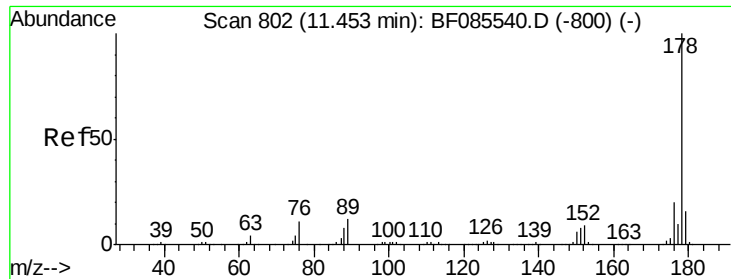
#70
 Phenanthrene
 Concen: 50.48 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

Tgt Ion:178 Resp: 746322
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.3 24.5
 179 15.2 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

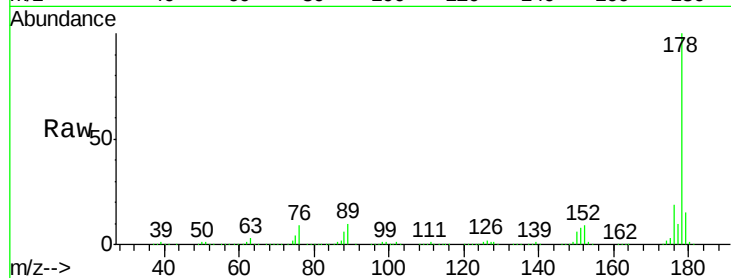




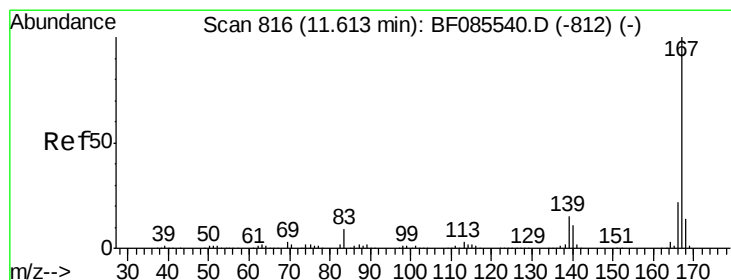
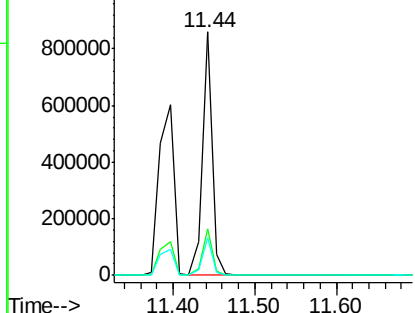
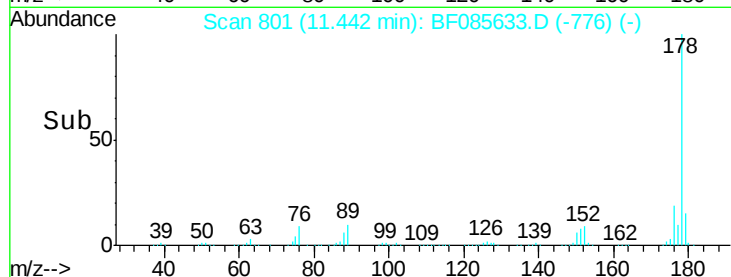
#71
 Anthracene
 Concen: 47.18 ng
 RT: 11.44 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MS

Tgt Ion:178 Resp: 731507
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 15.5 13.0 19.4

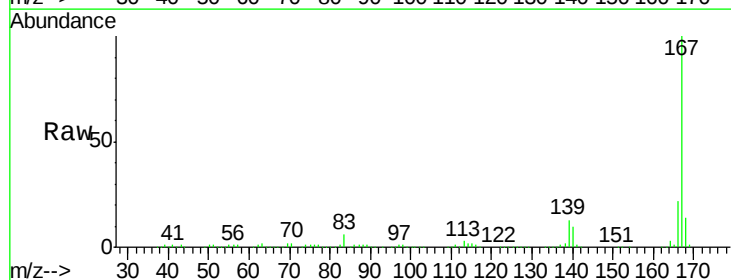


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

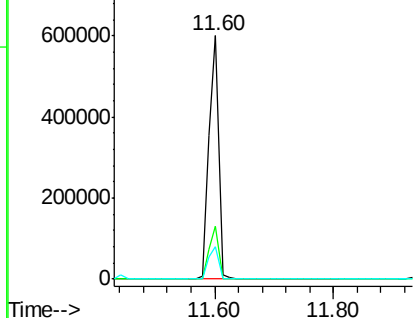
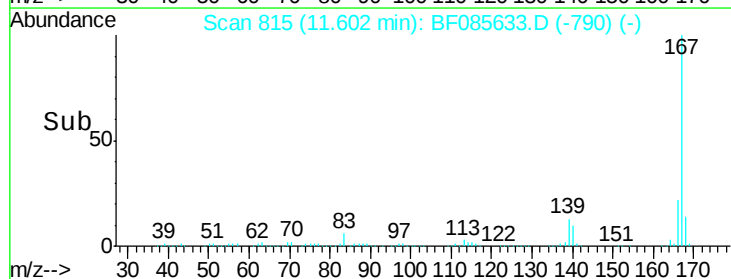


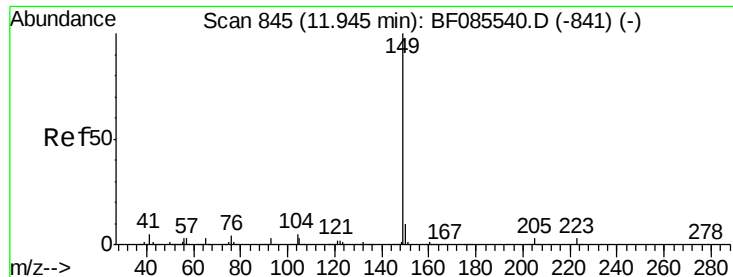
#72
 Carbazole
 Concen: 50.58 ng
 RT: 11.60 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

Tgt Ion:167 Resp: 676451
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.8
 139 13.1 11.6 17.4



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: 51.76 ng

RT: 11.93 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MS

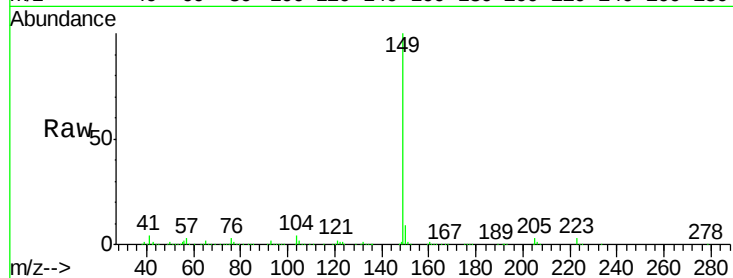
Tgt Ion:149 Resp: 866938

Ion Ratio Lower Upper

149 100

150 9.1 7.6 11.4

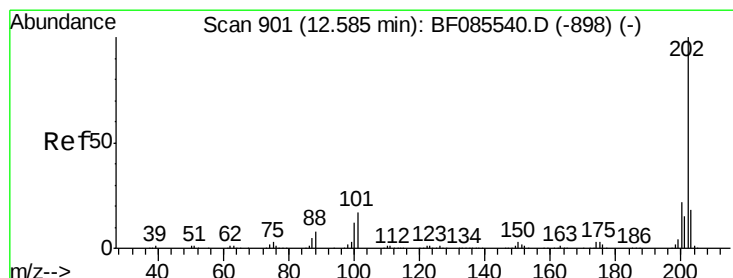
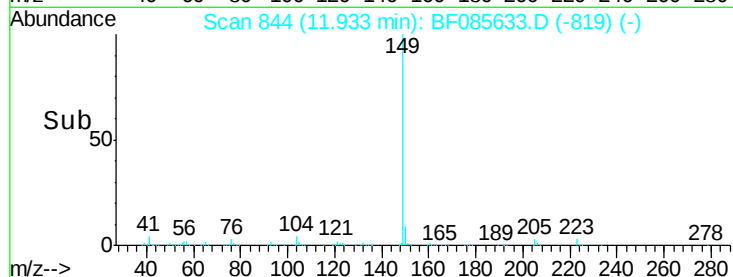
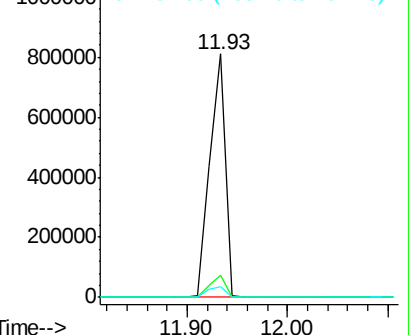
104 4.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.12 ng

RT: 12.57 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

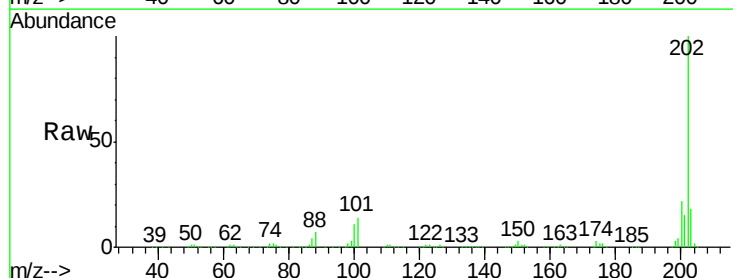
Tgt Ion:202 Resp: 621062

Ion Ratio Lower Upper

202 100

101 14.2 0.0 36.6

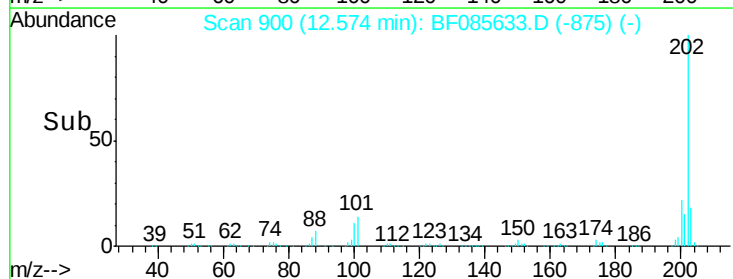
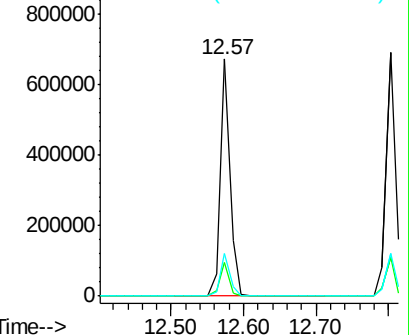
203 18.0 0.0 38.1

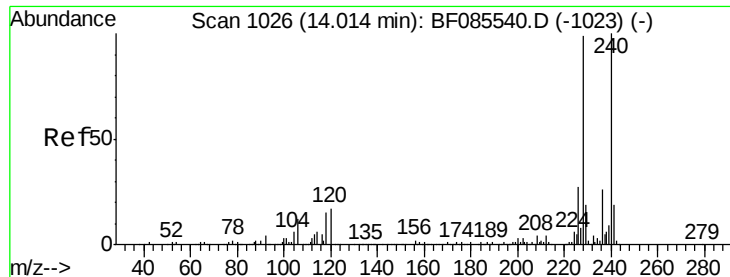


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MS

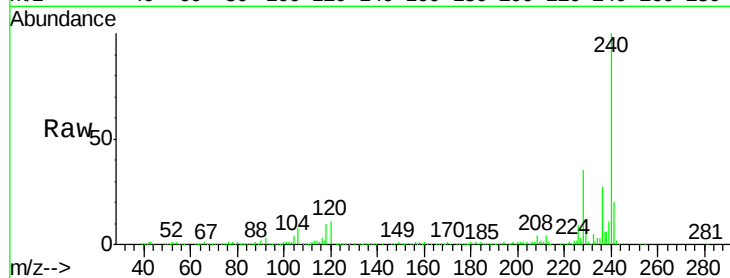
Tgt Ion:240 Resp: 222912

Ion Ratio Lower Upper

240 100

120 11.3 13.8 20.8#

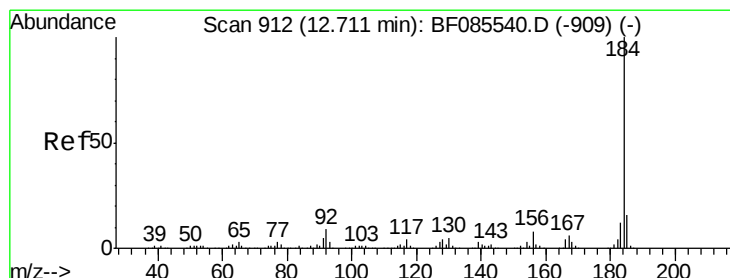
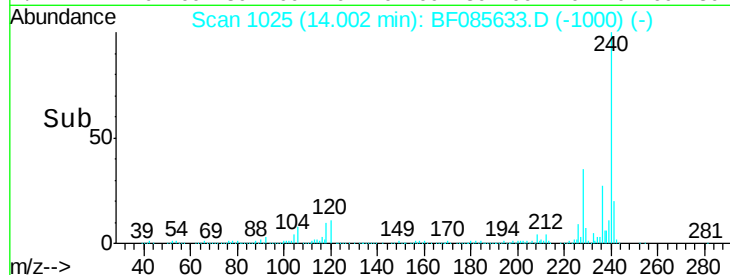
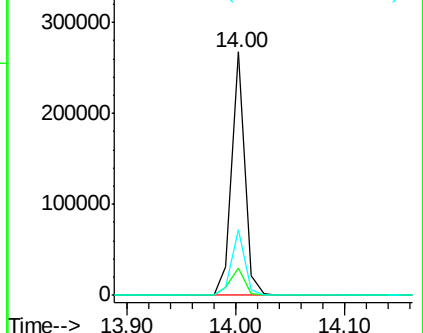
236 26.8 20.6 30.8



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: 46.95 ng

RT: 12.70 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

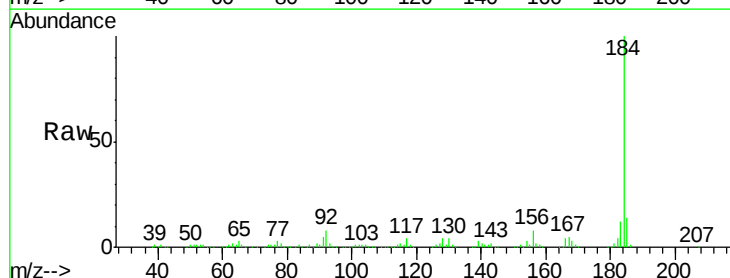
Tgt Ion:184 Resp: 351967

Ion Ratio Lower Upper

184 100

185 14.3 12.4 18.6

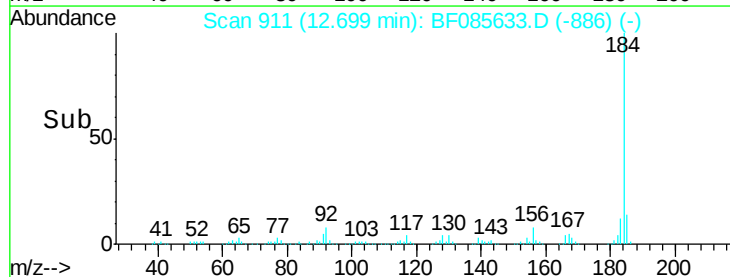
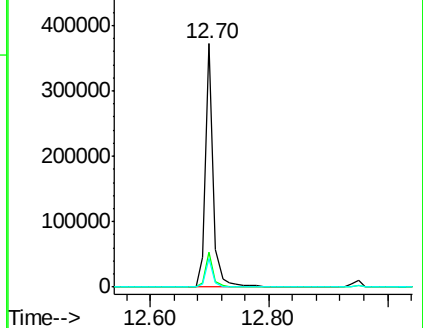
183 11.6 9.4 14.2

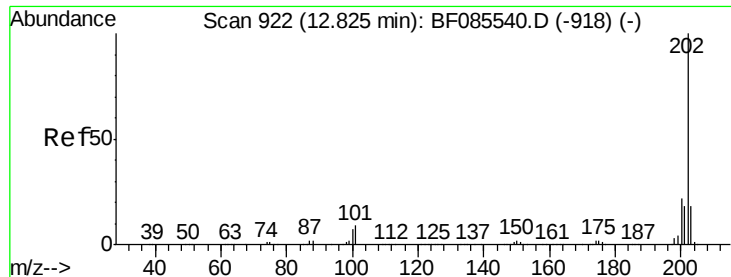


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

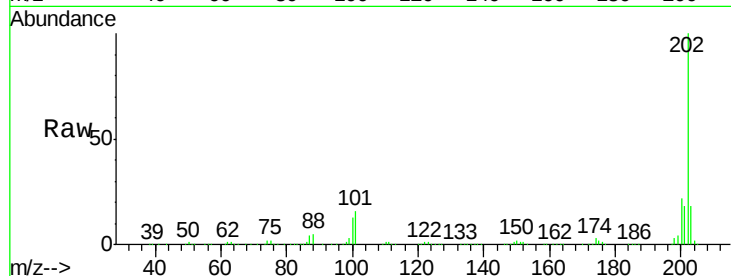




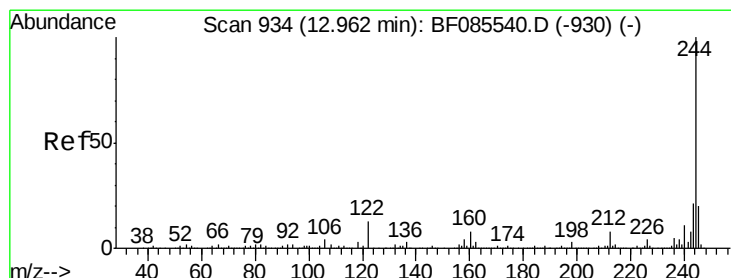
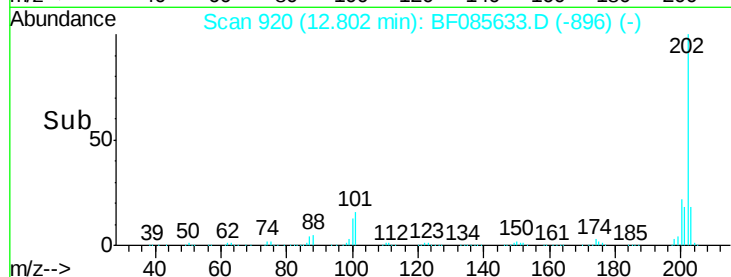
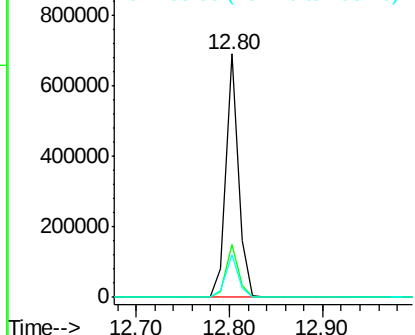
#77
 Pyrene
 Concen: 40.46 ng
 RT: 12.80 min Scan# 920
 Delta R.T. -0.02 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MS

Tgt Ion:202 Resp: 647570
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.6 26.4
 203 17.7 14.0 21.0

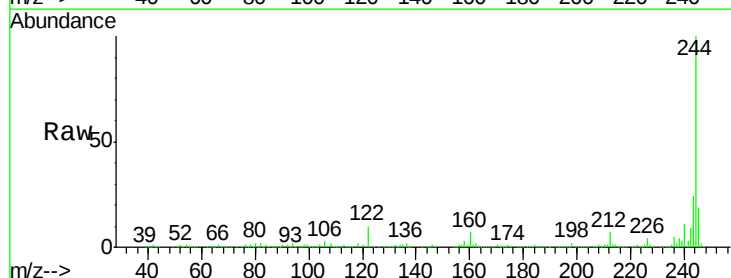


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

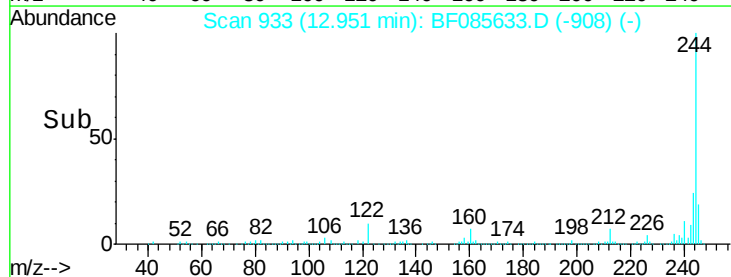
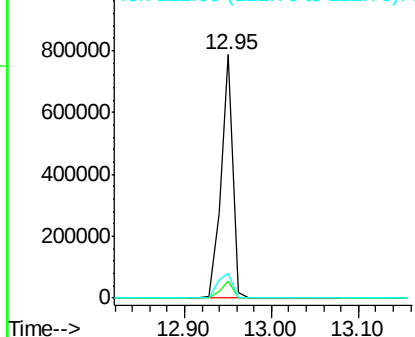


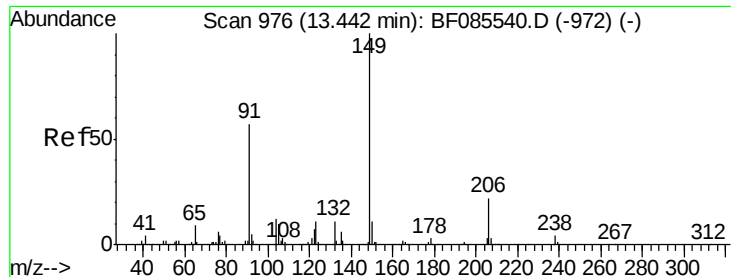
#78
 Terphenyl-d14
 Concen: 80.67 ng
 RT: 12.95 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

Tgt Ion:244 Resp: 747309
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 10.0 10.2 15.4#



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

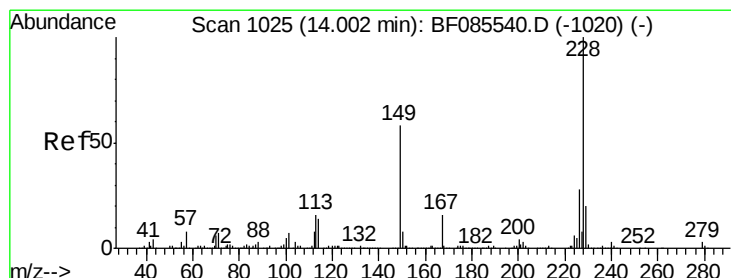
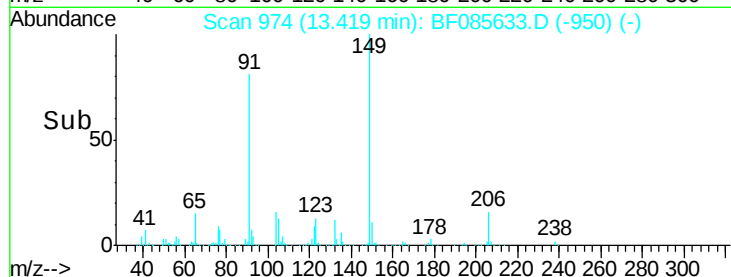
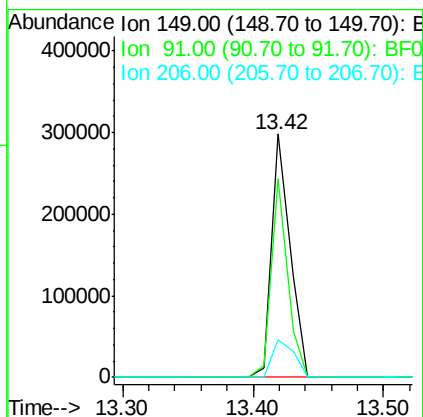
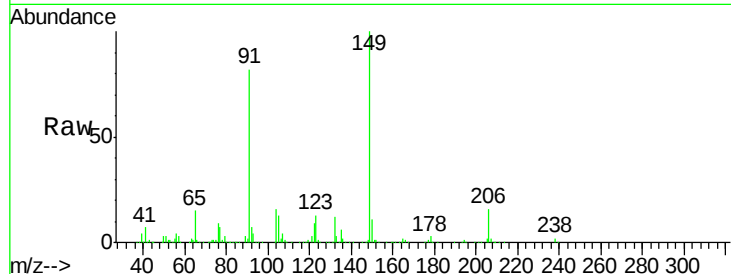




#79
Butylbenzylphthalate
Concen: 39.00 ng
RT: 13.42 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF085633.D
Acq: 21 Mar 2016 20:27

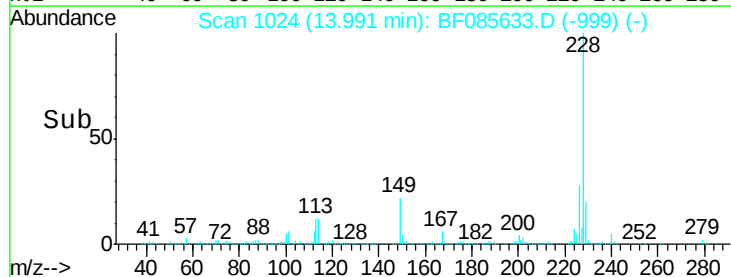
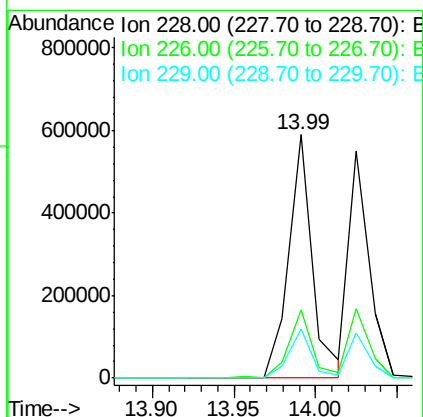
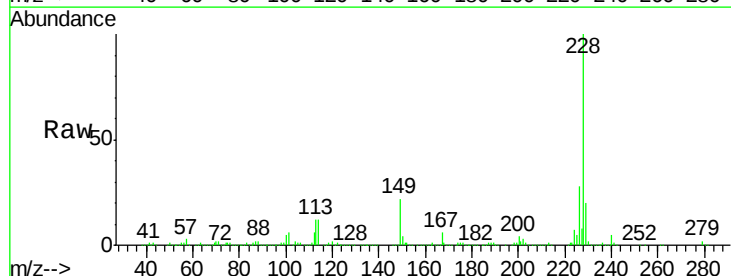
Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MS

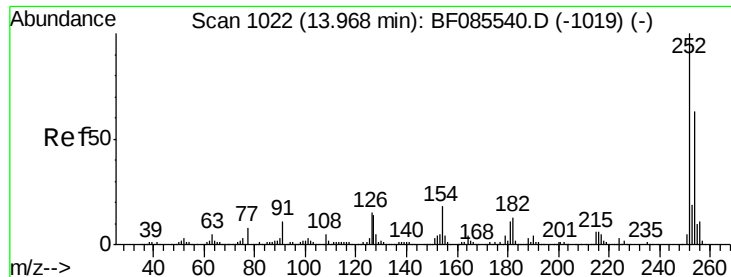
Tgt Ion	Ratio	Lower	Upper
149	100		
91	81.5	45.8	68.8#
206	15.6	17.8	26.8#



#80
Benzo(a)anthracene
Concen: 46.33 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF085633.D
Acq: 21 Mar 2016 20:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.1	33.1
229	20.2	16.2	24.4

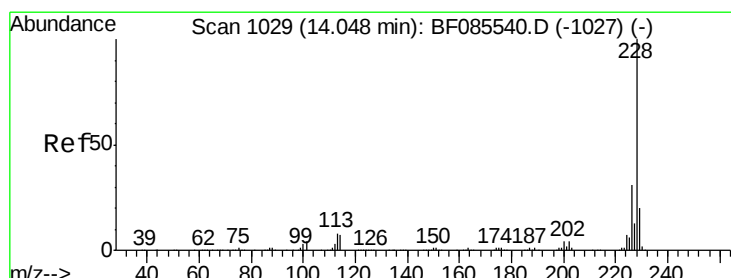
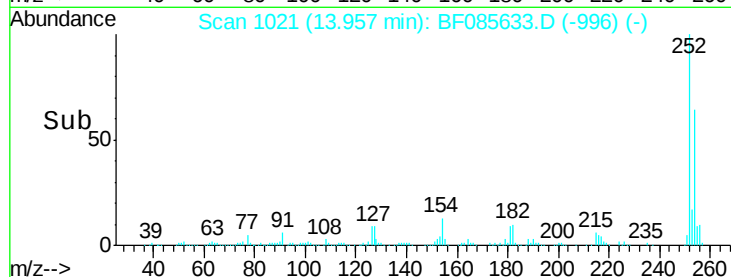
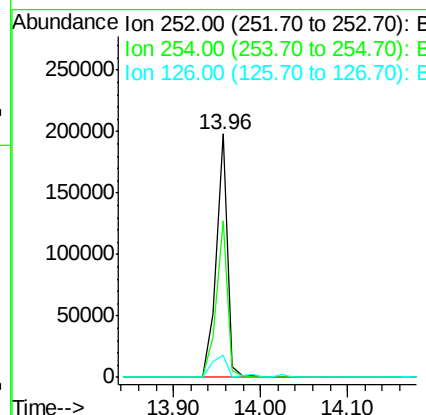
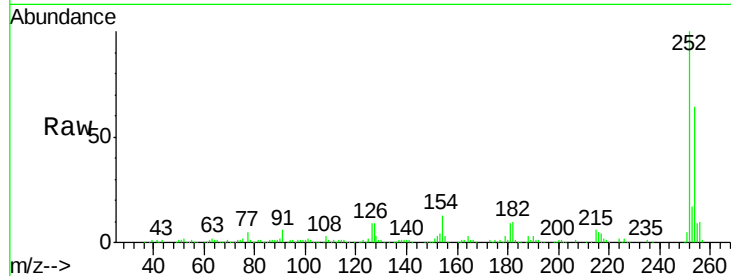




#81
 3,3'-Dichlorobenzidine
 Concen: 38.13 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

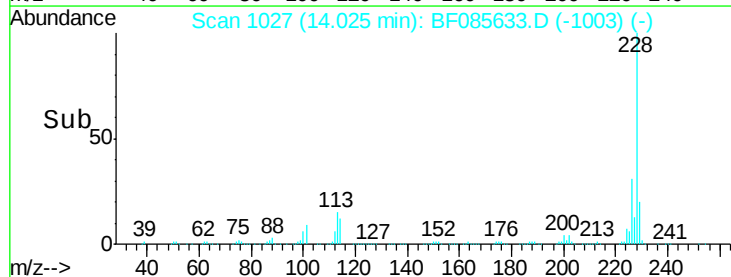
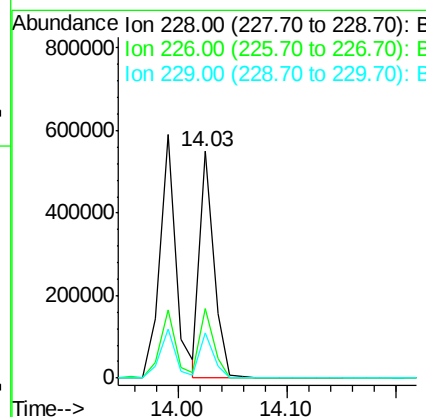
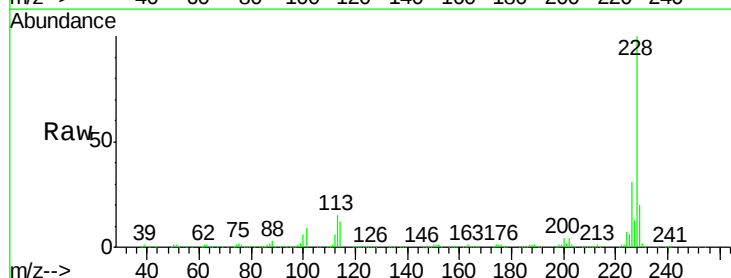
Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MS

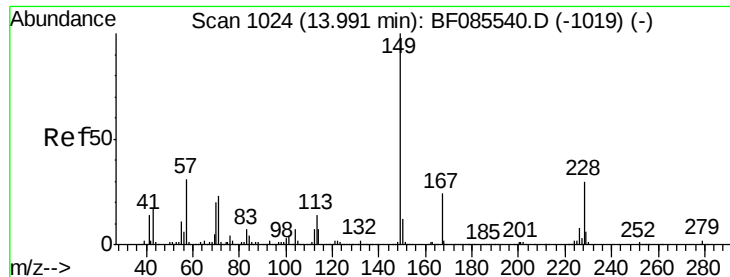
Tgt Ion:252 Resp: 180813
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.7 76.1
 126 9.4 11.8 17.6#



#82
 Chrysene
 Concen: 39.63 ng
 RT: 14.03 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

Tgt Ion:228 Resp: 493439
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.6
 229 19.9 15.7 23.5

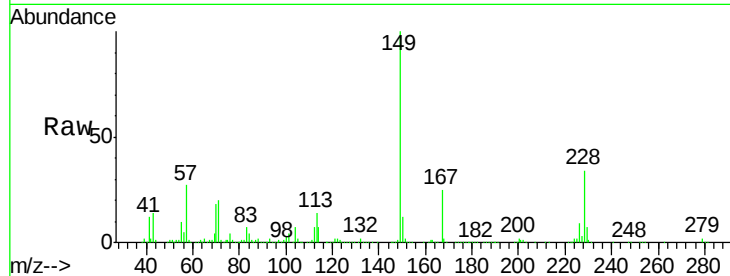




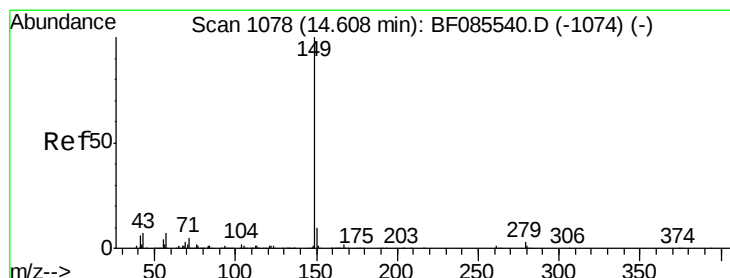
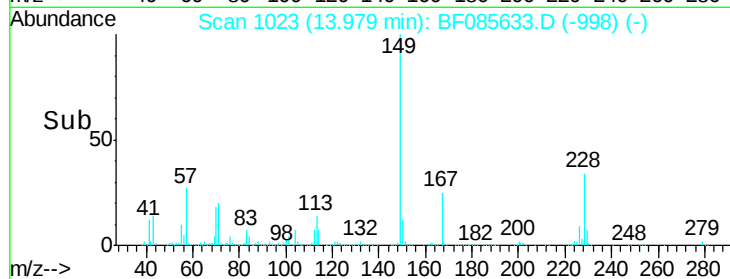
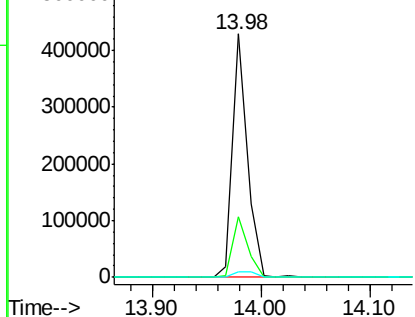
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.40 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MS

Tgt Ion:149 Resp: 401904
 Ion Ratio Lower Upper
 149 100
 167 24.7 19.4 29.2
 279 2.2 1.5 2.3

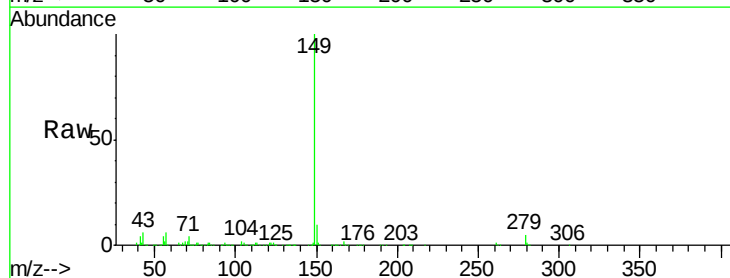


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

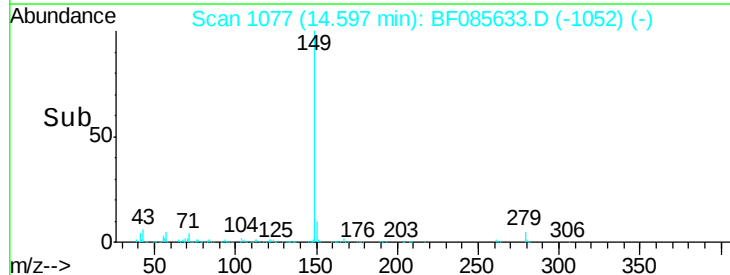
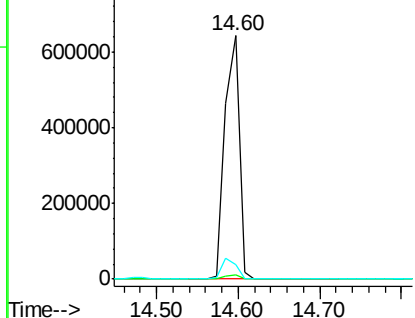


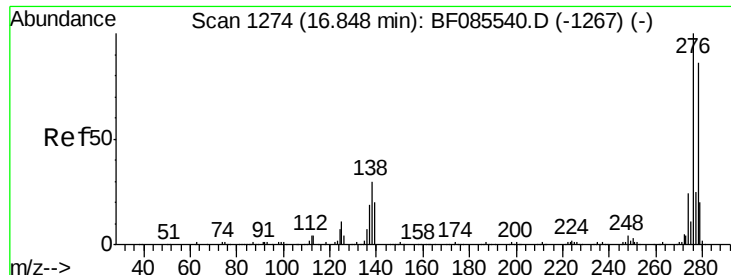
#84
 Di-n-octyl phthalate
 Concen: 50.46 ng
 RT: 14.60 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

Tgt Ion:149 Resp: 779422
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 8.1 7.1 10.7



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

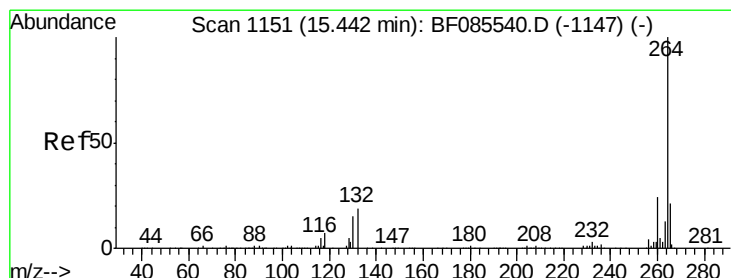
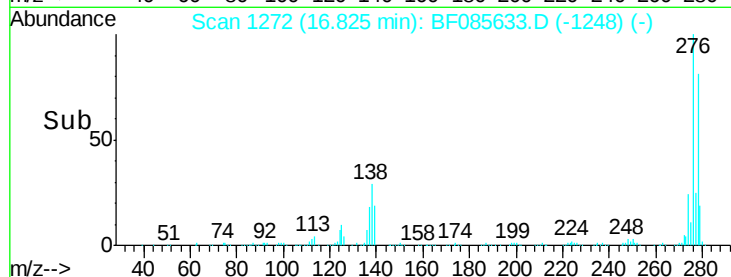
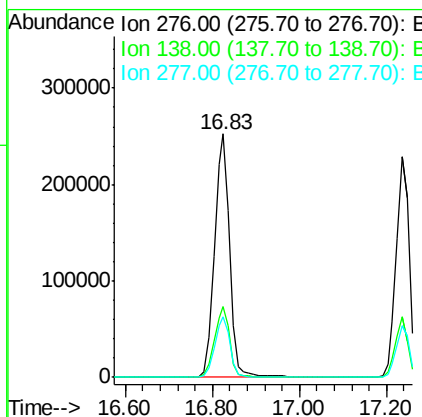
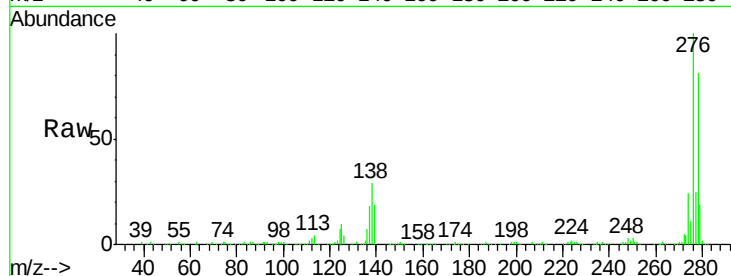




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 60.46 ng
 RT: 16.83 min Scan# 1272
 Delta R.T. -0.02 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

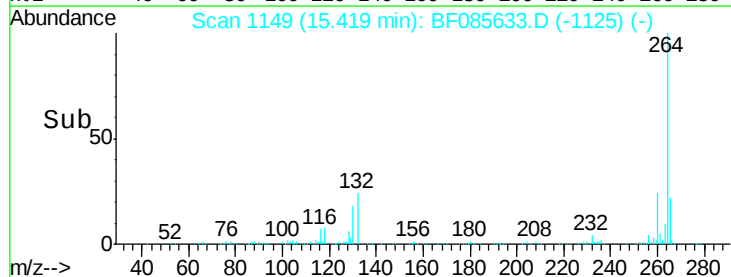
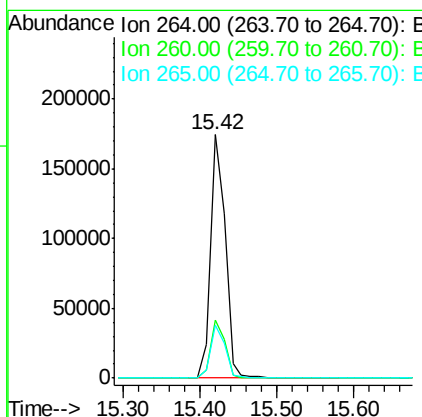
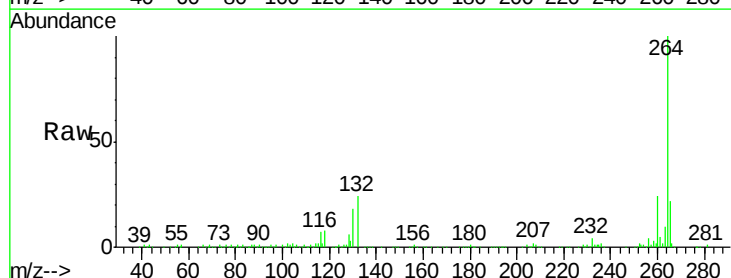
Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MS

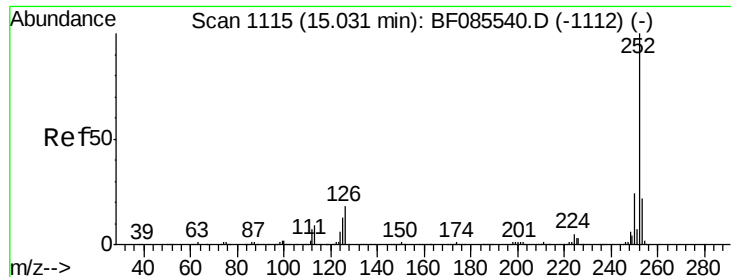
Tgt Ion:	276	Resp:	629027
Ion	Ratio	Lower	Upper
276	100		
138	29.5	24.2	36.4
277	25.2	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF085633.D
 Acq: 21 Mar 2016 20:27

Tgt Ion:	264	Resp:	229899
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.6	17.2	25.8

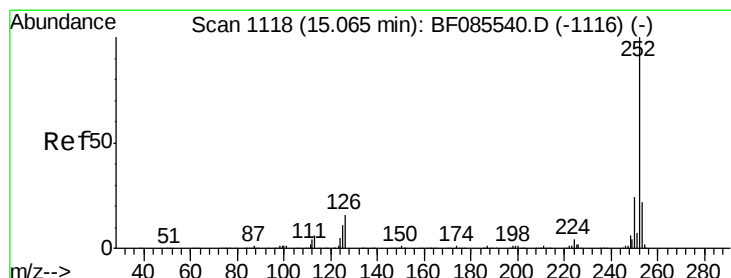
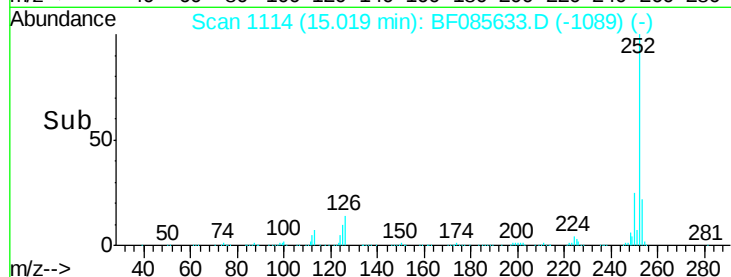
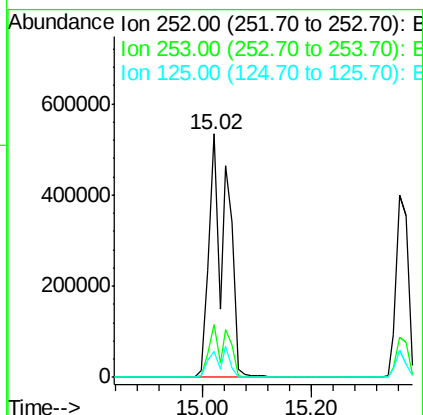
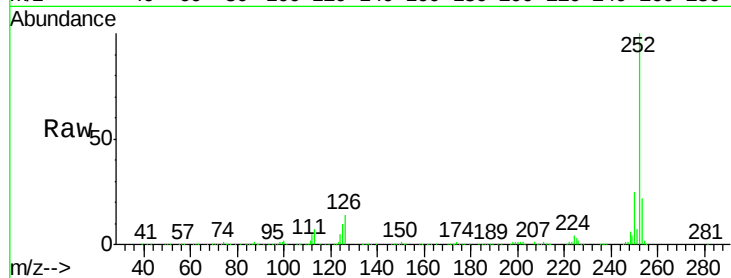




#87
Benzo(b)fluoranthene
Concen: 81.51 ng
RT: 15.02 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF085633.D
Acq: 21 Mar 2016 20:27

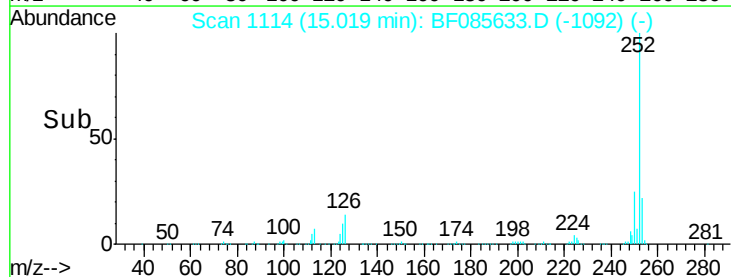
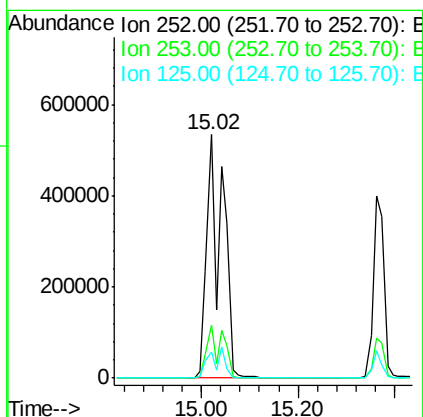
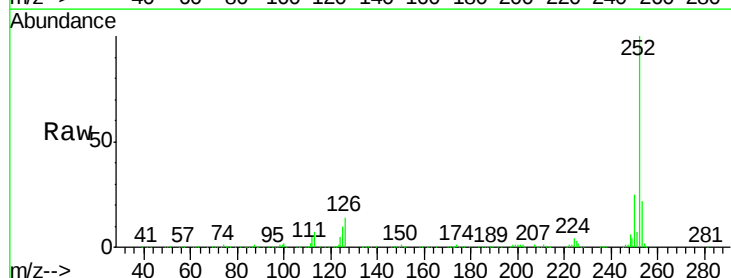
Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MS

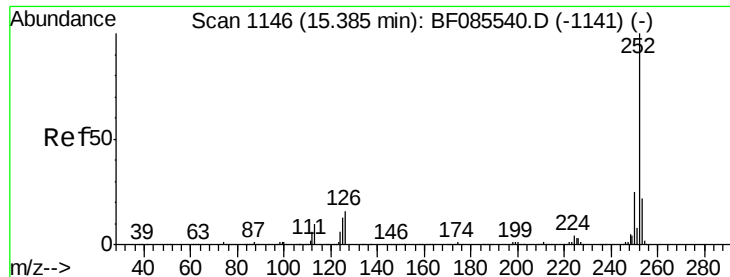
Tgt Ion:252 Resp: 1222745
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 10.5 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 99.02 ng
RT: 15.02 min Scan# 1114
Delta R.T. -0.05 min
Lab File: BF085633.D
Acq: 21 Mar 2016 20:27

Tgt Ion:252 Resp: 1223740
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 10.5 7.7 11.5





#89

Benzo(a)pyrene

Concen: 48.23 ng

RT: 15.36 min Scan# 1144

Delta R.T. -0.02 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MS

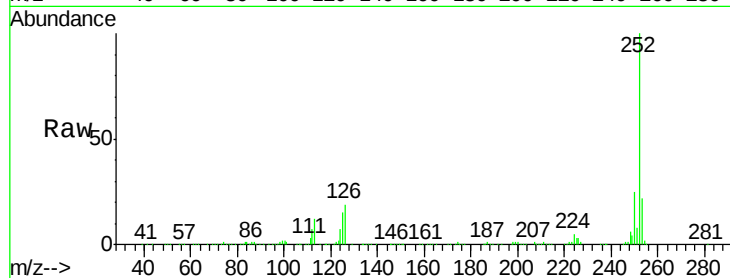
Tgt Ion:252 Resp: 613361

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

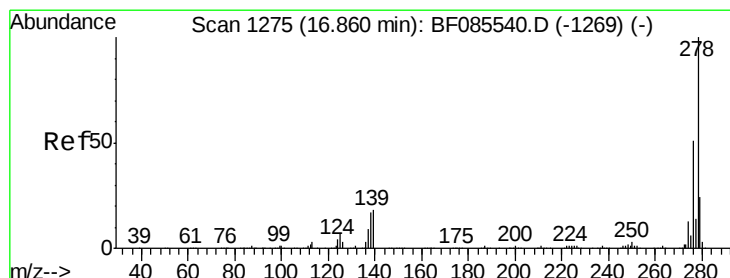
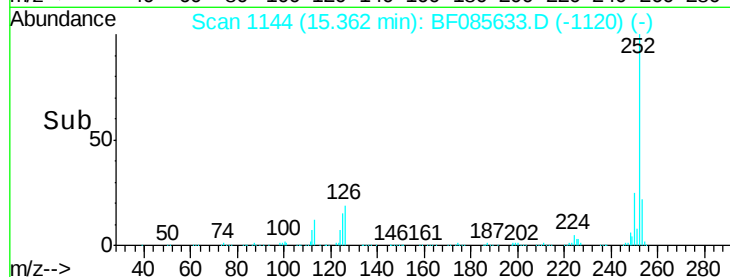
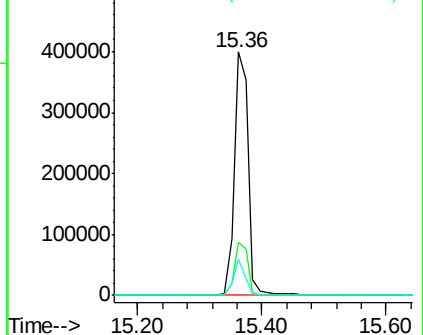
125 14.7 10.3 15.5



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



#90

Dibenzo(a,h)anthracene

Concen: 50.70 ng

RT: 16.84 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF085633.D

Acq: 21 Mar 2016 20:27

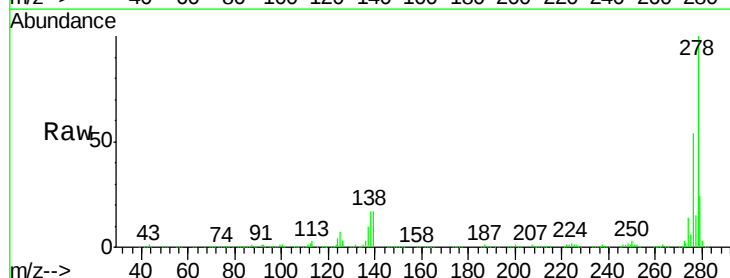
Tgt Ion:278 Resp: 537734

Ion Ratio Lower Upper

278 100

139 17.4 14.4 21.6

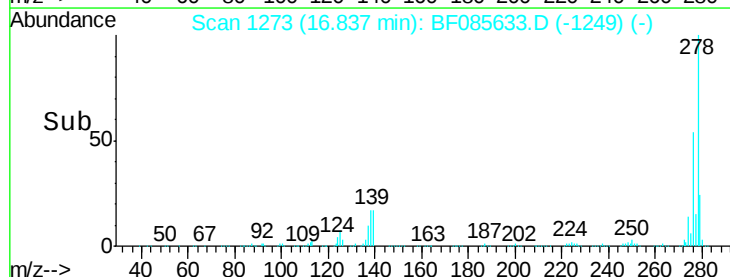
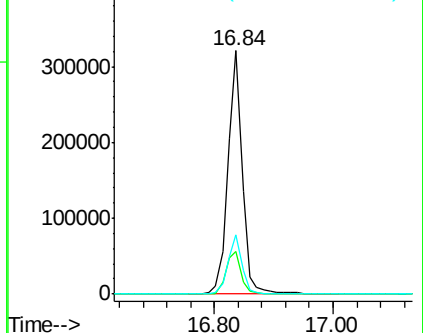
279 24.1 19.1 28.7

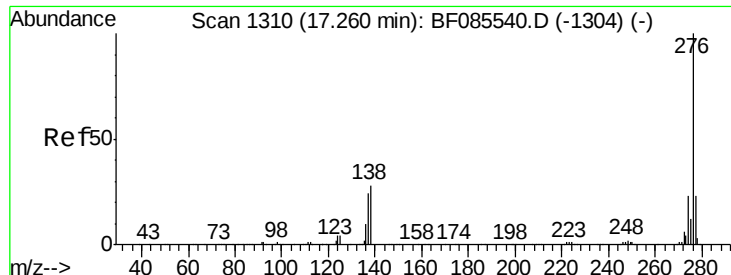


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 47.92 ng

RT: 17.24 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF085633.D

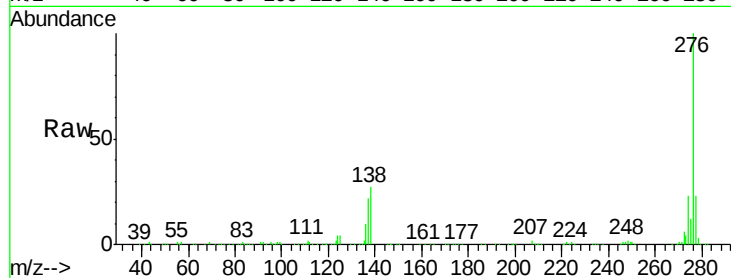
Acq: 21 Mar 2016 20:27

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MS



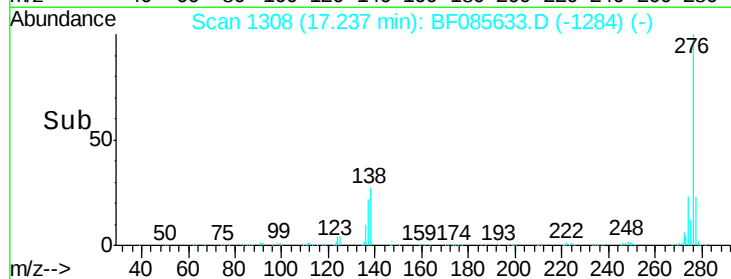
Tgt Ion: 276 Resp: 491974

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 27.2 22.6 34.0



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

