

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085571.D
 Acq On : 19 Mar 2016 14:27
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 20 23:57:20 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	6.86	152	145643	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	584289	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	271074	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	490647	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	368515	20.00	ng	0.00
86) Perylene-d12	15.43	264	271028	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	747943	86.26	ng	0.00
7) Phenol-d6	6.49	99	932041	83.81	ng	0.00
23) Nitrobenzene-d5	7.42	82	812760	80.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	224375	84.50	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1344901	84.51	ng	-0.01
78) Terphenyl-d14	12.96	244	1251525	81.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	176720	41.93	ng	100
3) Pyridine	3.19	79	470292	45.44	ng	99
4) n-Nitrosodimethylamine	3.14	42	173193	40.08	ng	97
6) Aniline	6.52	93	602238	40.32	ng	99
8) 2-Chlorophenol	6.64	128	432131	43.08	ng	96
9) Benzaldehyde	6.40	77	213632	41.20	ng	97
10) Phenol	6.50	94	554645	43.79	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	422704	44.27	ng	97
12) 1,3-Dichlorobenzene	7.03	146	419234	38.35	ng	99
13) 1,4-Dichlorobenzene	6.87	146	444474	39.86	ng	98
14) 1,2-Dichlorobenzene	7.03	146	422464	42.67	ng	97
15) Benzyl Alcohol	7.00	79	289860	38.05	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	510432	40.65	ng	98
17) 2-Methylphenol	7.11	107	323813	38.94	ng	99
18) Hexachloroethane	7.37	117	164417	40.84	ng	91
19) n-Nitroso-di-n-propylamine	7.28	70	267096	40.21	ng	96
20) 3+4-Methylphenols	7.27	107	374399	38.88	ng	95
22) Acetophenone	7.27	105	509979	36.78	ng	97
24) Nitrobenzene	7.44	77	432303	39.23	ng	97
25) Isophorone	7.68	82	781953	38.80	ng	98
26) 2-Nitrophenol	7.76	139	235542	43.25	ng	91
27) 2,4-Dimethylphenol	7.80	122	361540	37.54	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	457952	39.95	ng	99
29) 2,4-Dichlorophenol	8.00	162	333944	41.99	ng	96
30) 1,2,4-Trichlorobenzene	8.08	180	345101	38.74	ng	98
31) Naphthalene	8.16	128	1069798	36.27	ng	100
32) Benzoic acid	7.93	122	296088	36.77	ng	99
33) 4-Chloroaniline	8.22	127	470649	38.93	ng	96
34) Hexachlorobutadiene	8.29	225	182524	38.45	ng	99
35) Caprolactam	8.60	113	110136	40.25	ng	93
36) 4-Chloro-3-methylphenol	8.70	107	379566	40.87	ng	92
37) 2-Methylnaphthalene	8.85	142	712950	39.66	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	313026	38.07	ng	98
40) Hexachlorocyclopentadiene	9.01	237	157277	42.44	ng	99

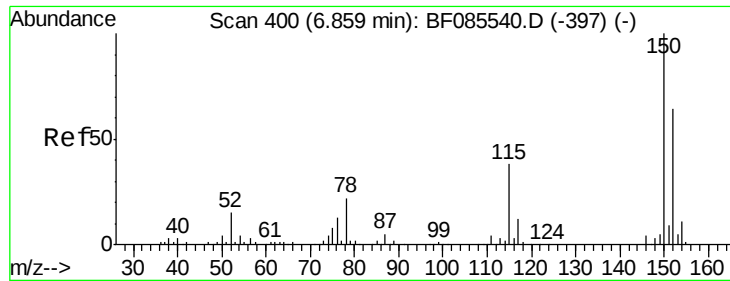
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	234688	41.69	ng	98
43) 2,4,5-Trichlorophenol	9.17	196	217620	37.99	ng #	85
45) 1,1'-Biphenyl	9.32	154	833663	35.65	ng	98
46) 2-Chloronaphthalene	9.34	162	652572	38.20	ng	92
47) 2-Nitroaniline	9.44	65	219952	42.57	ng #	82
48) Acenaphthylene	9.76	152	1135033	41.06	ng	98
49) Dimethylphthalate	9.62	163	842277	41.18	ng	99
50) 2,6-Dinitrotoluene	9.68	165	169126	39.16	ng	92
51) Acenaphthene	9.93	154	716540	41.31	ng	98
52) 3-Nitroaniline	9.85	138	230521	42.62	ng	90
53) 2,4-Dinitrophenol	9.96	184	93778	35.45	ng #	86
54) Dibenzofuran	10.10	168	877875	41.56	ng	94
55) 4-Nitrophenol	10.01	139	167579	40.09	ng #	83
56) 2,4-Dinitrotoluene	10.08	165	210560	37.24	ng #	58
57) Fluorene	10.45	166	685634	38.94	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	170423	41.32	ng	97
59) Diethylphthalate	10.32	149	830840	40.85	ng	98
60) 4-Chlorophenyl-phenylether	10.44	204	350967	40.82	ng	91
61) 4-Nitroaniline	10.47	138	211273	39.63	ng	91
62) Azobenzene	10.60	77	802168	41.10	ng	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	123129	39.22	ng	82
65) n-Nitrosodiphenylamine	10.55	169	586154	38.35	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	214867	43.84	ng #	87
67) Hexachlorobenzene	10.98	284	211314	40.58	ng #	69
68) Atrazine	11.08	200	177491	38.14	ng	96
69) Pentachlorophenol	11.18	266	120571	38.14	ng	99
70) Phenanthrene	11.40	178	1029141	39.78	ng	99
71) Anthracene	11.45	178	1041052	38.38	ng	100
72) Carbazole	11.60	167	925011	39.53	ng	99
73) Di-n-butylphthalate	11.95	149	1234819	42.14	ng	98
74) Fluoranthene	12.59	202	976205	36.04	ng	97
76) Benzidine	12.71	184	512848	41.38	ng	100
77) Pyrene	12.81	202	997190	37.69	ng	99
79) Butylbenzylphthalate	13.43	149	451196	35.77	ng #	77
80) Benzo(a)anthracene	14.00	228	788140	36.84	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	301185	38.42	ng #	97
82) Chrysene	14.04	228	740185	35.96	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	571818	36.49	ng #	97
84) Di-n-octyl phthalate	14.60	149	937939	36.73	ng	99
85) Indeno(1,2,3-cd)pyrene	16.84	276	675129	39.25	ng	99
87) Benzo(b)fluoranthene	15.05	252	1309364	74.04	ng	99
88) Benzo(k)fluoranthene	15.05	252	1310211	89.93	ng #	97
89) Benzo(a)pyrene	15.37	252	605239	40.37	ng	98
90) Dibenzo(a,h)anthracene	16.85	278	566748	45.32	ng	99
91) Benzo(g,h,i)perylene	17.26	276	568145	46.94	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

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BNA_F

ClientSampleId :

SSTDCCC040

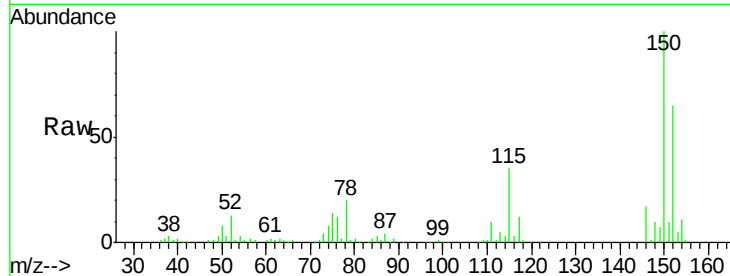
Tgt Ion:152 Resp: 145643

Ion Ratio Lower Upper

152 100

150 155.0 124.2 186.2

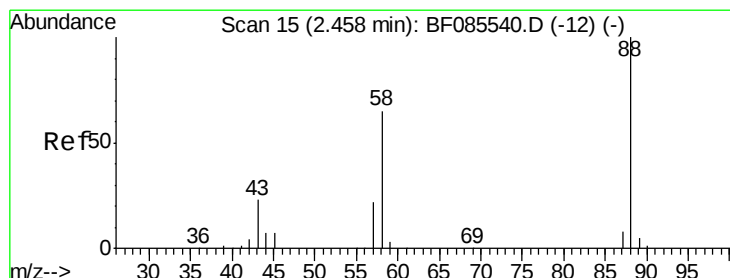
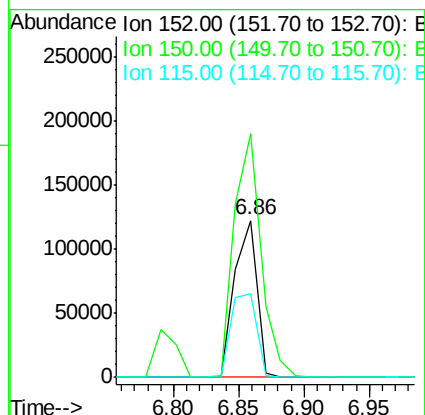
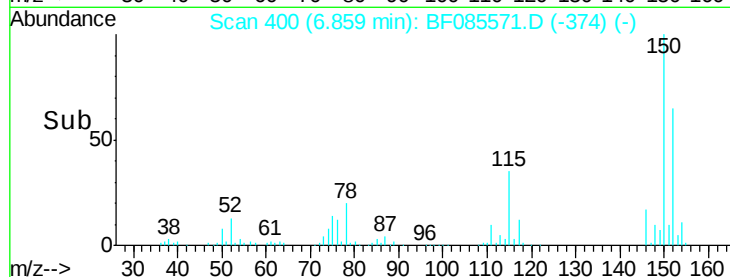
115 53.5 47.0 70.6



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: 41.93 ng

RT: 2.46 min Scan# 15

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

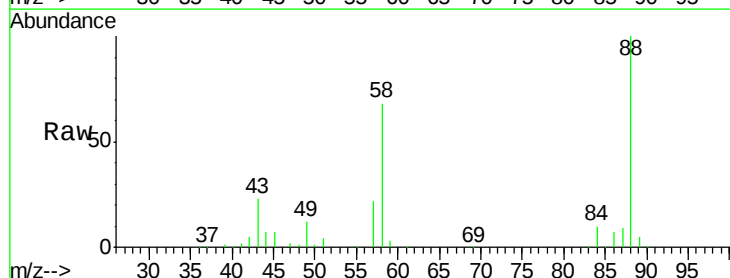
Tgt Ion: 88 Resp: 176720

Ion Ratio Lower Upper

88 100

58 67.8 54.2 81.2

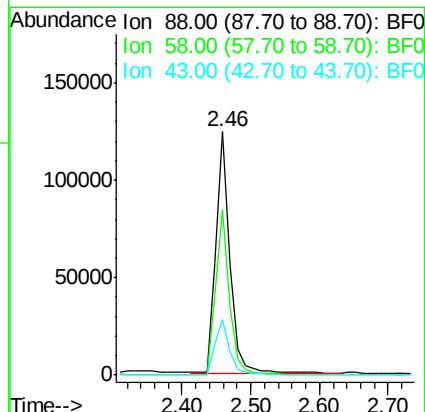
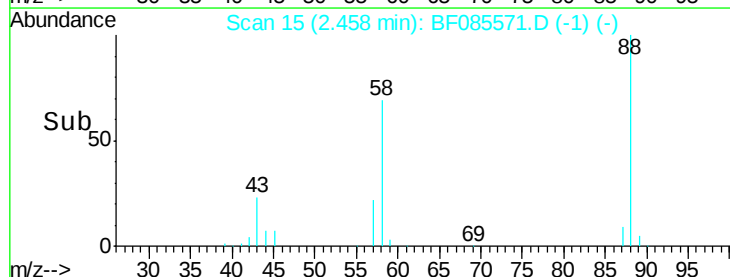
43 24.5 19.3 28.9

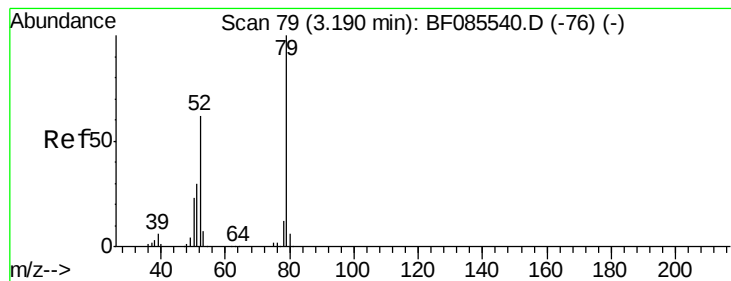


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 45.44 ng

RT: 3.19 min Scan# 79

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

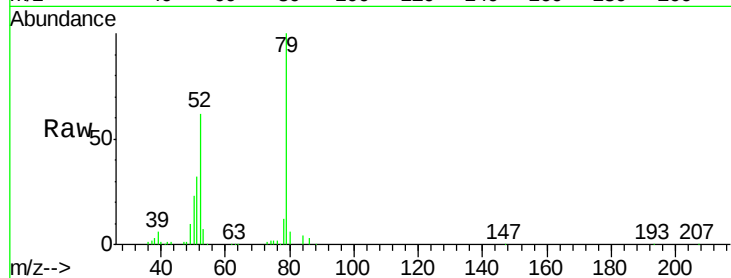
Tgt Ion: 79 Resp: 470292

Ion Ratio Lower Upper

79 100

52 61.6 49.8 74.6

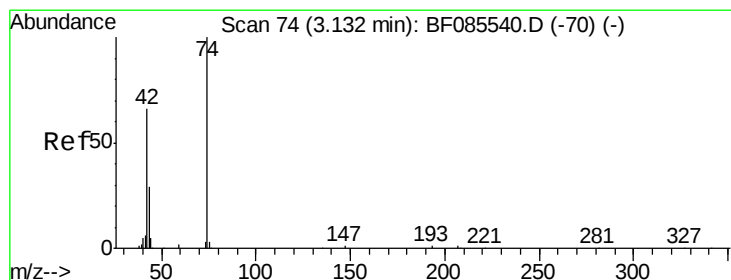
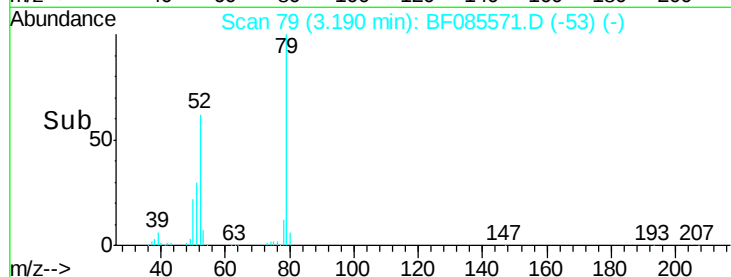
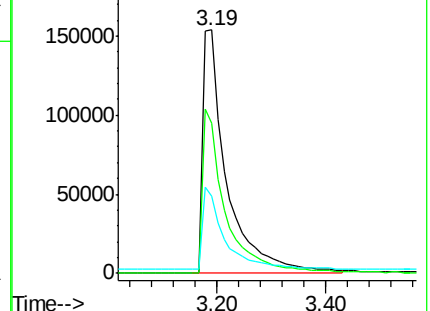
51 31.7 24.7 37.1



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



#4

n-Nitrosodimethylamine

Concen: 40.08 ng

RT: 3.14 min Scan# 75

Delta R.T. 0.01 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

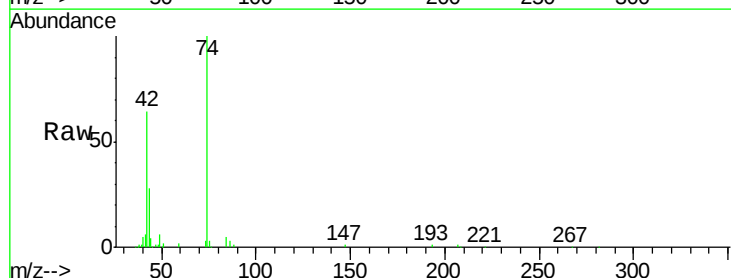
Tgt Ion: 42 Resp: 173193

Ion Ratio Lower Upper

42 100

74 156.2 121.4 182.2

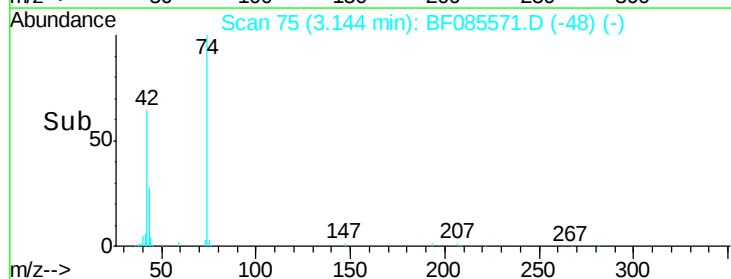
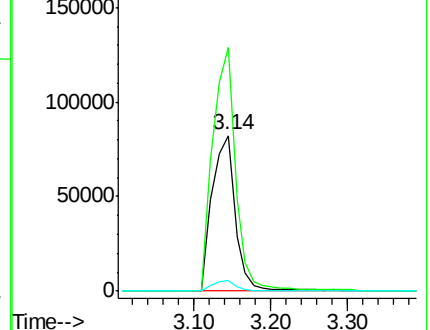
44 6.8 5.6 8.4

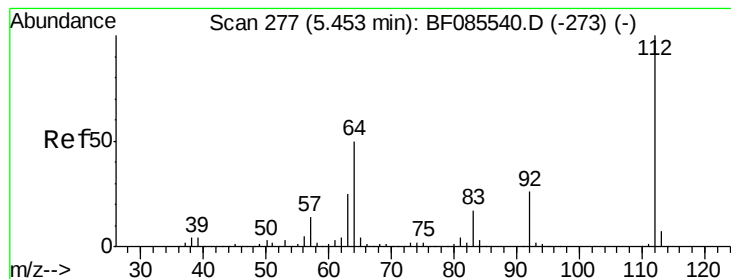


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 86.26 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

Instrument :

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ClientSampleId :

SSTDCCC040

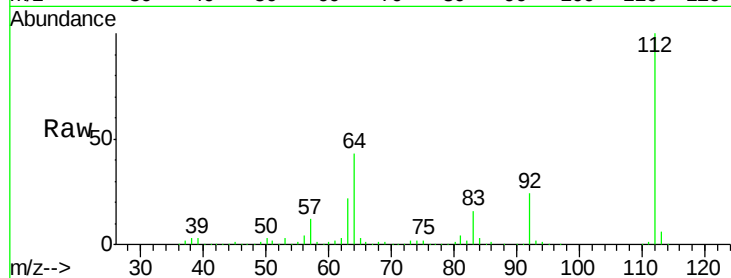
Tgt Ion: 112 Resp: 747943

Ion Ratio Lower Upper

112 100

64 43.5 39.9 59.9

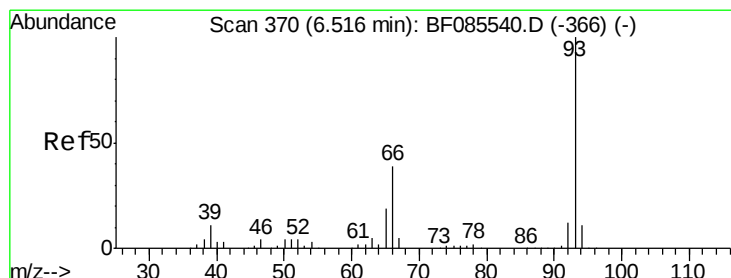
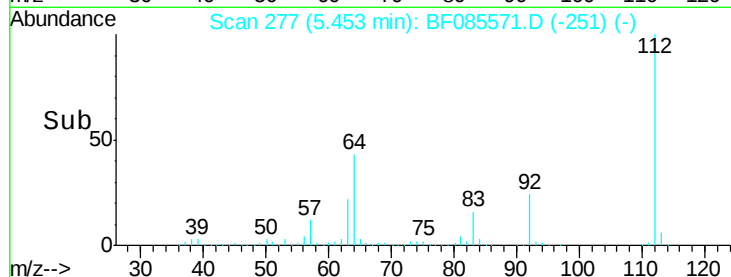
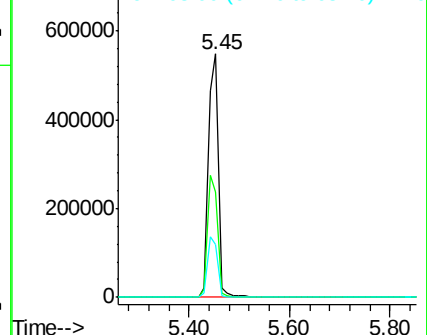
63 22.0 20.2 30.2



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: 40.32 ng

RT: 6.52 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

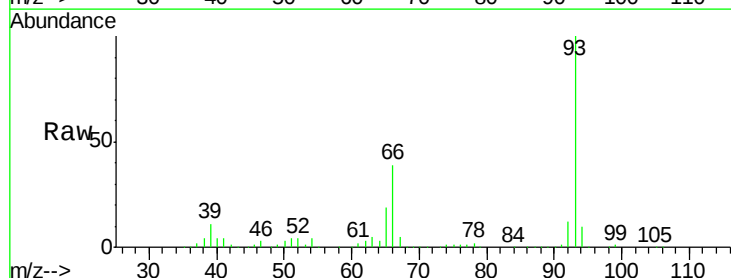
Tgt Ion: 93 Resp: 602238

Ion Ratio Lower Upper

93 100

66 38.6 31.4 47.2

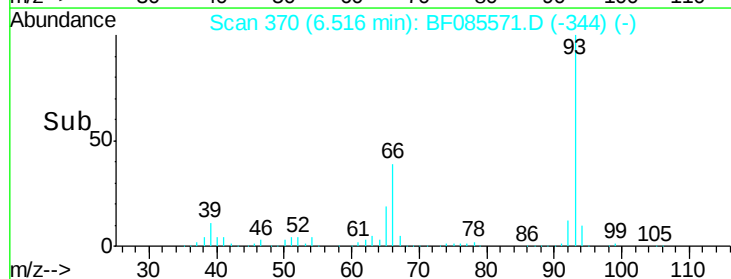
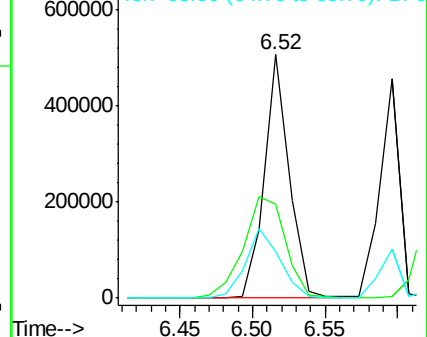
65 19.1 15.7 23.5

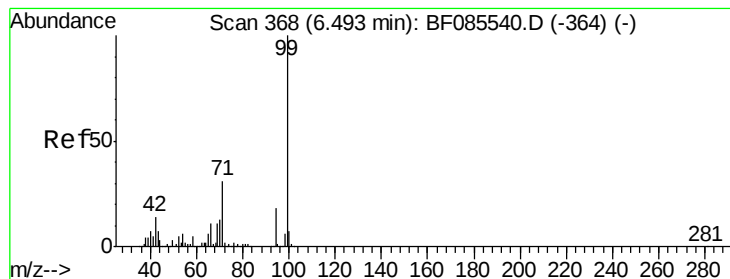


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.81 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

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ClientSampleId :

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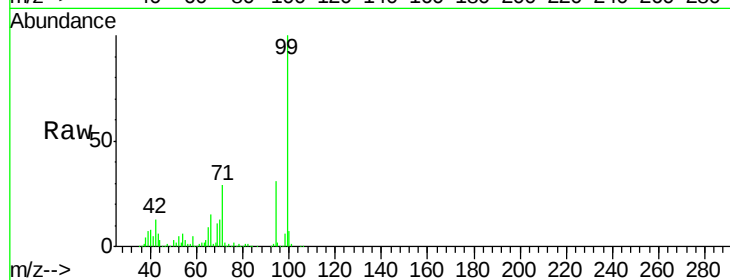
Tgt Ion: 99 Resp: 932041

Ion Ratio Lower Upper

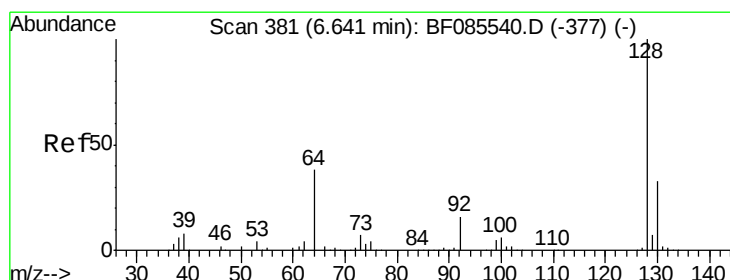
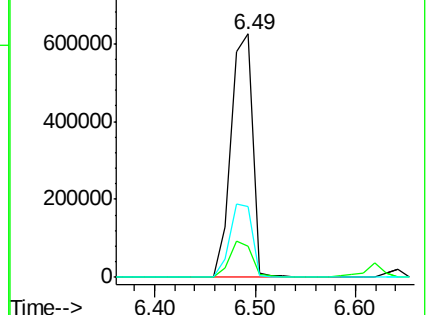
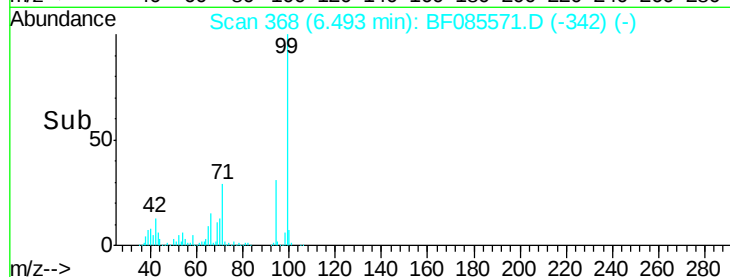
99 100

42 12.8 11.1 16.7

71 29.2 24.9 37.3



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



#8

2-Chlorophenol

Concen: 43.08 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

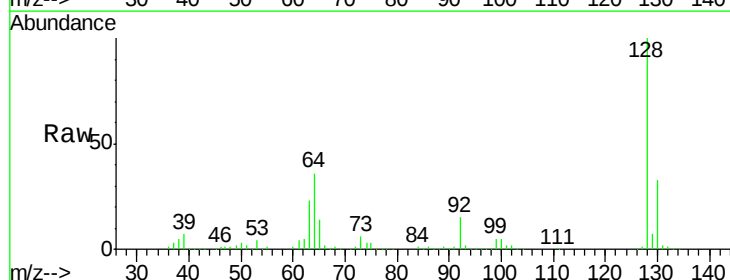
Tgt Ion: 128 Resp: 432131

Ion Ratio Lower Upper

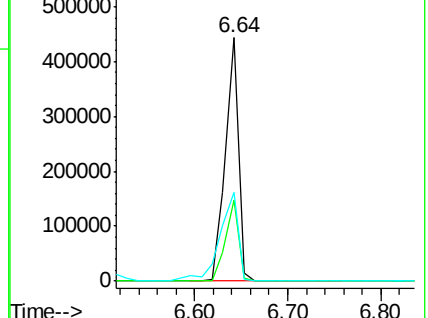
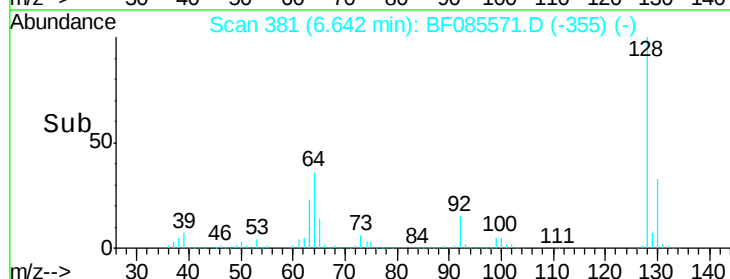
128 100

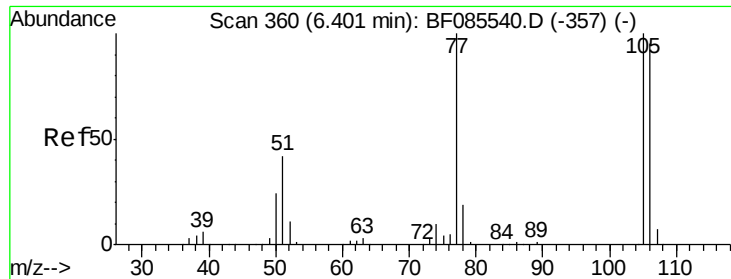
130 33.2 12.9 52.9

64 36.4 20.2 60.2



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





#9

Benzaldehyde

Concen: 41.20 ng

RT: 6.40 min Scan# 360

Delta R.T. 0.00 min

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Acq: 19 Mar 2016 14:27

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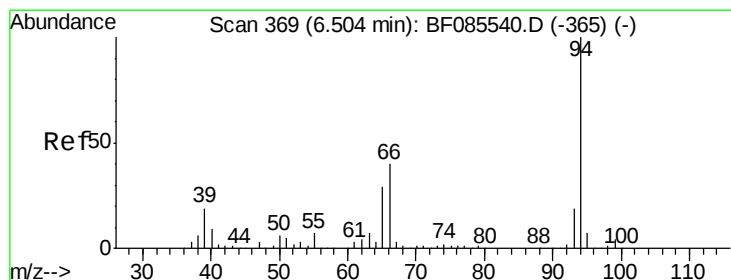
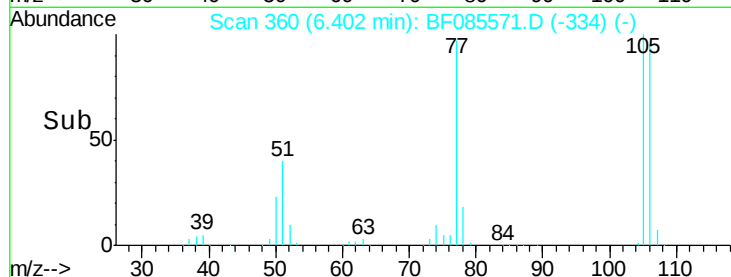
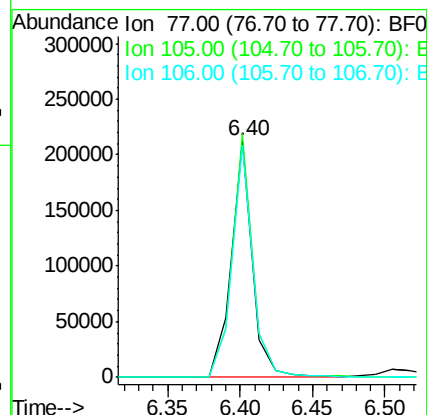
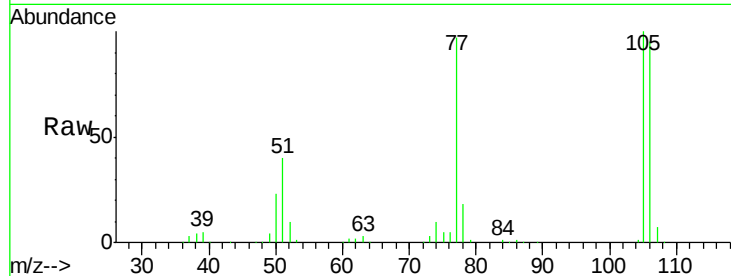
Tgt Ion: 77 Resp: 213632

Ion Ratio Lower Upper

77 100

105 103.1 80.1 120.1

106 98.3 75.0 115.0



#10

Phenol

Concen: 43.79 ng

RT: 6.50 min Scan# 369

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

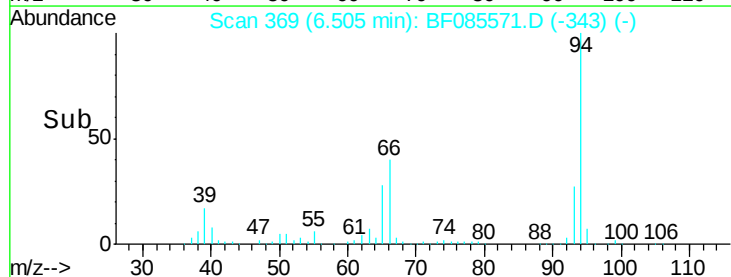
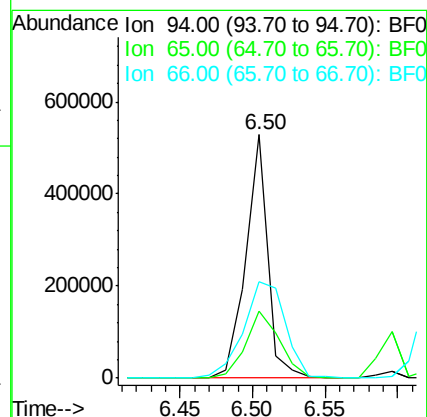
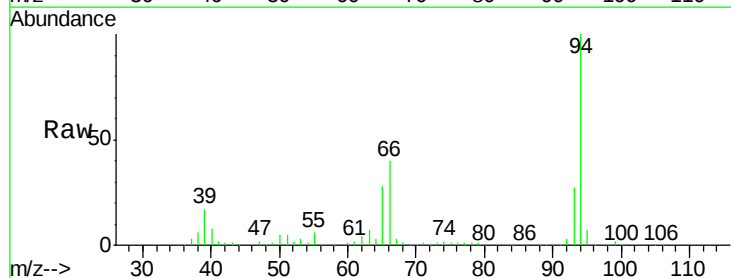
Tgt Ion: 94 Resp: 554645

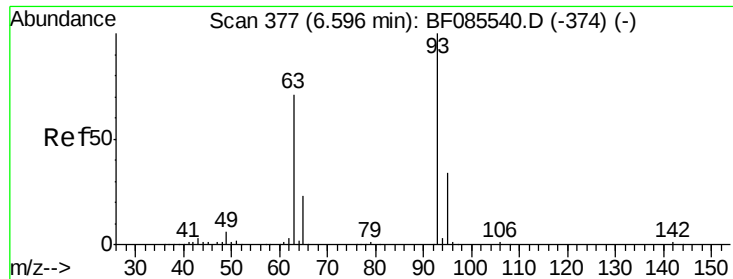
Ion Ratio Lower Upper

94 100

65 27.5 8.6 48.6

66 39.8 20.0 60.0

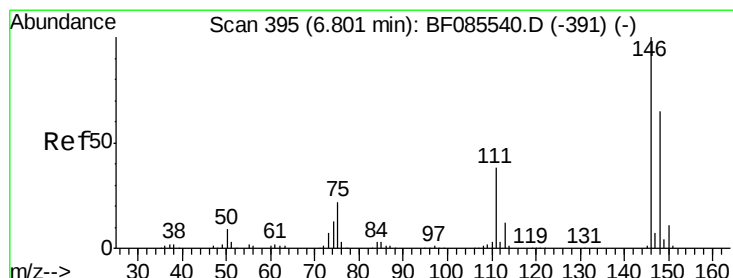
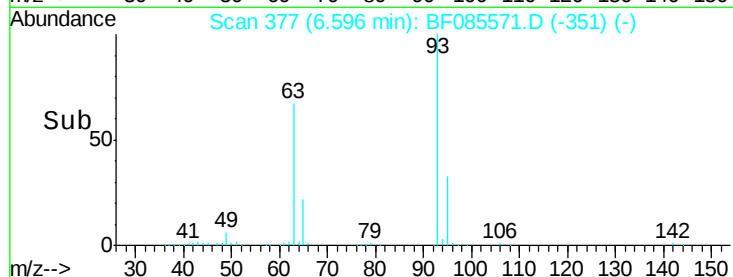
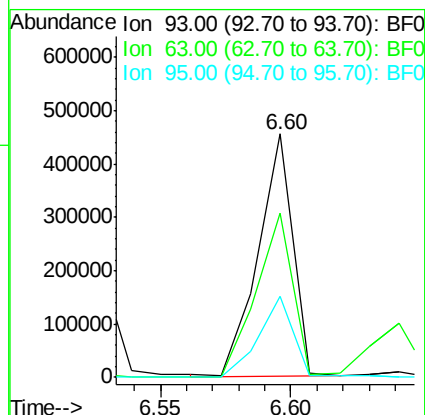
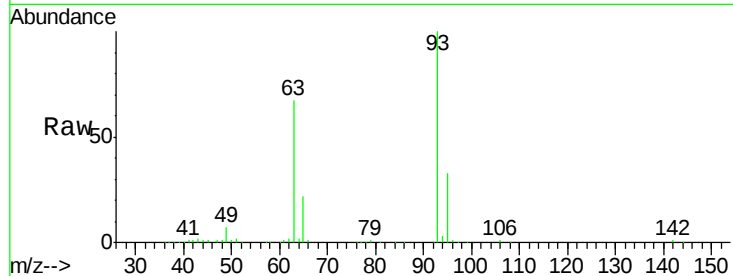




#11
bis(2-Chloroethyl)ether
Concen: 44.27 ng
RT: 6.60 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF085571.D
Acq: 19 Mar 2016 14:27

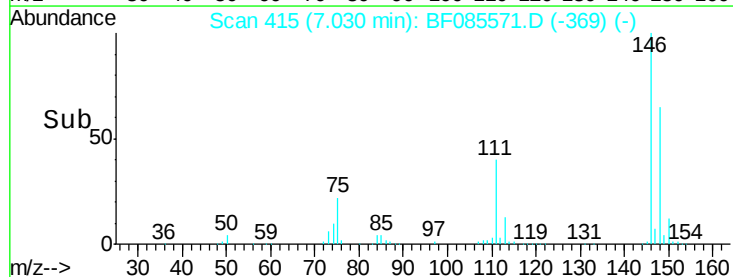
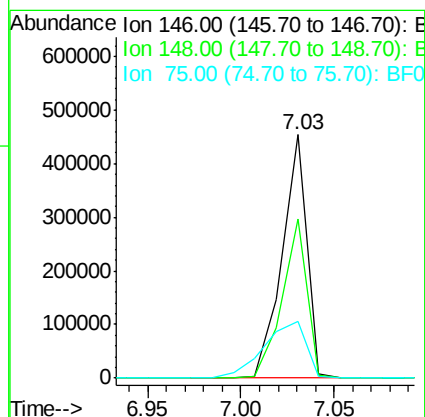
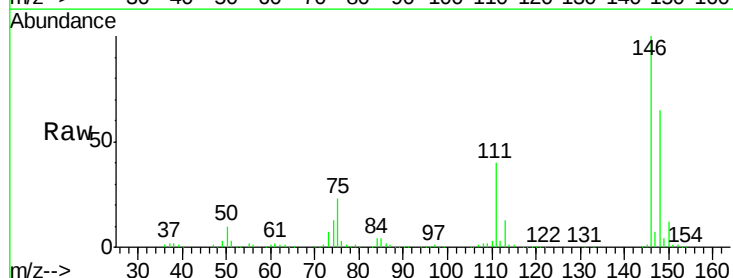
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 422704
Ion Ratio Lower Upper
93 100
63 67.3 50.9 90.9
95 33.1 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 38.35 ng
RT: 7.03 min Scan# 415
Delta R.T. 0.23 min
Lab File: BF085571.D
Acq: 19 Mar 2016 14:27

Tgt Ion: 146 Resp: 419234
Ion Ratio Lower Upper
146 100
148 65.2 52.3 78.5
75 23.3 17.4 26.2

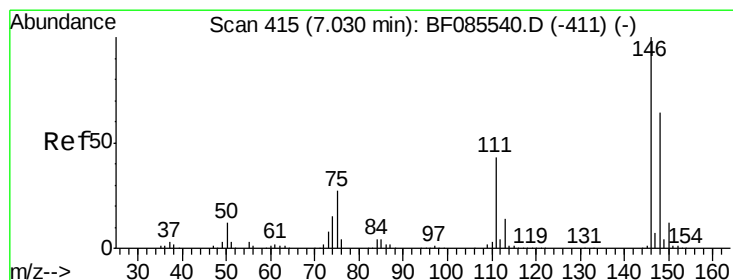
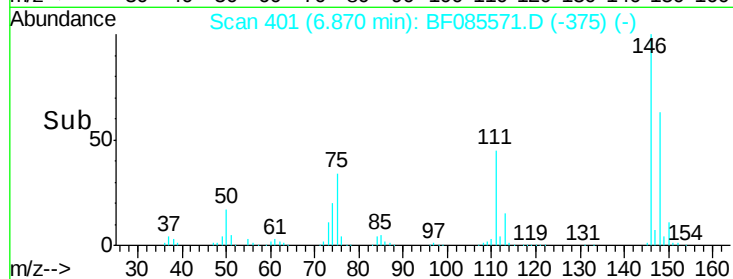
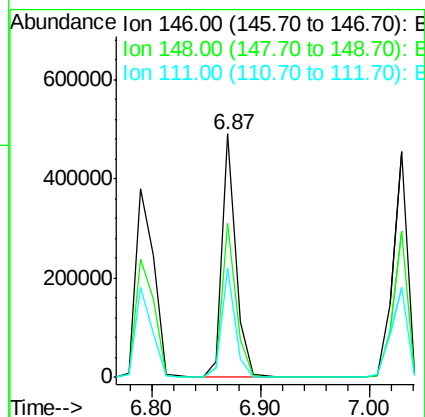
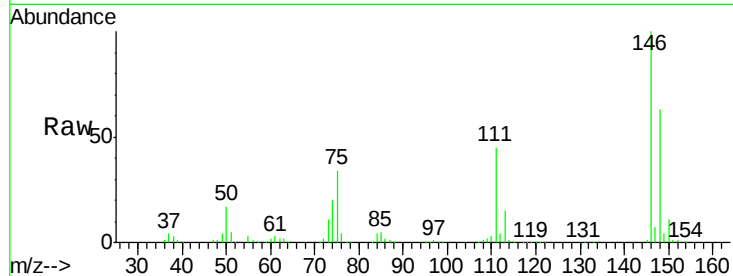




#13
 1,4-Dichlorobenzene
 Concen: 39.86 ng
 RT: 6.87 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

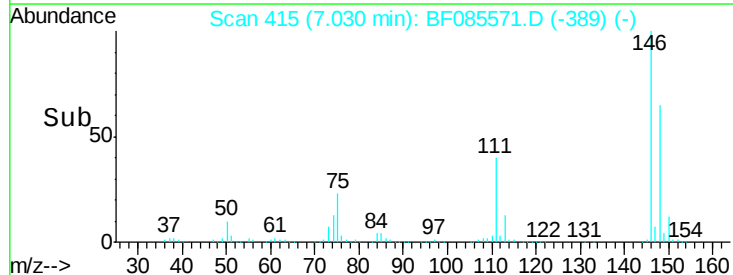
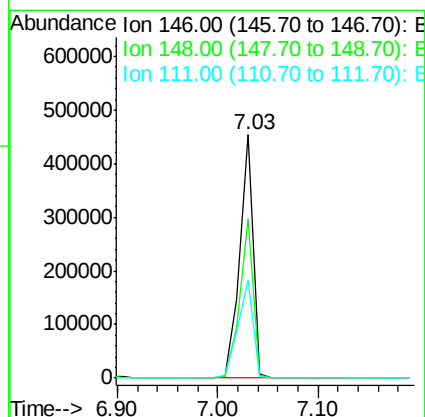
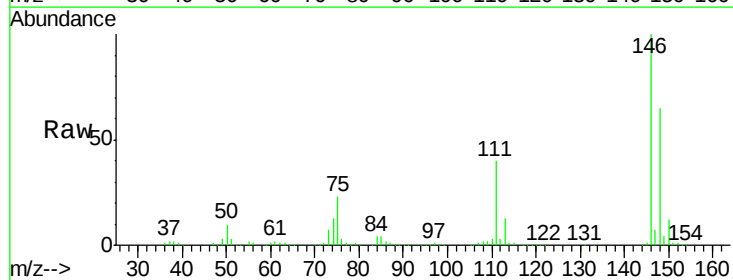
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

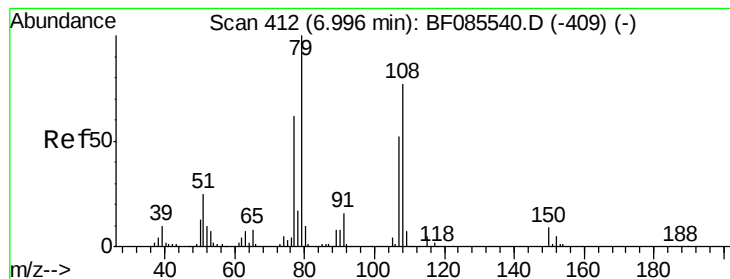
Tgt Ion:146 Resp: 444474
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 76.0
 111 44.6 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 42.67 ng
 RT: 7.03 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

Tgt Ion:146 Resp: 422464
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.4 77.2
 111 40.2 34.6 52.0





#15

Benzyl Alcohol

Concen: 38.05 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

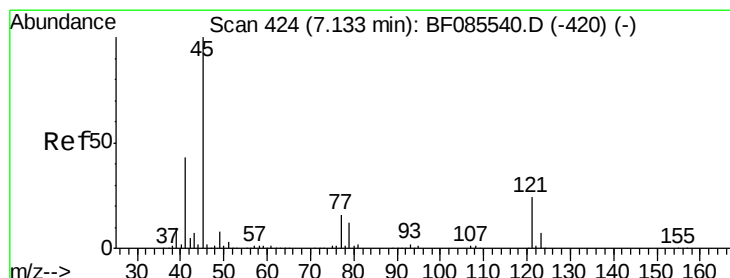
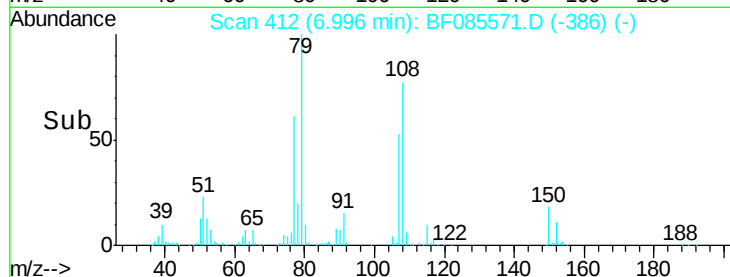
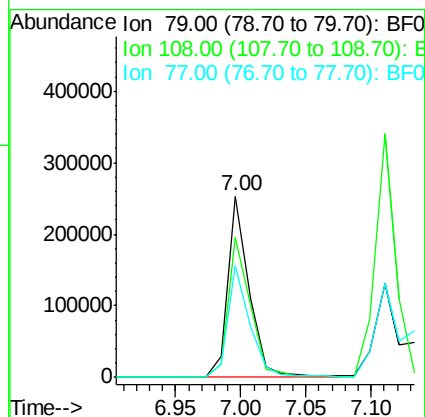
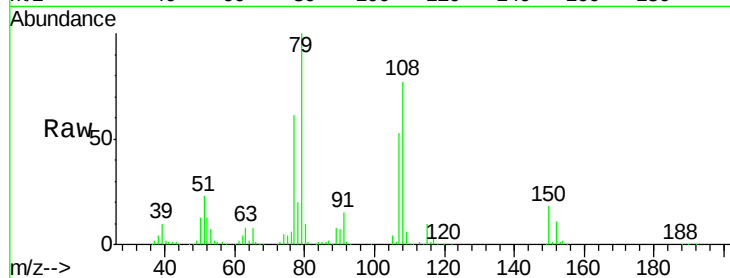
Tgt Ion: 79 Resp: 289860

Ion Ratio Lower Upper

79 100

108 76.9 61.8 92.6

77 61.3 49.6 74.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.65 ng

RT: 7.13 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

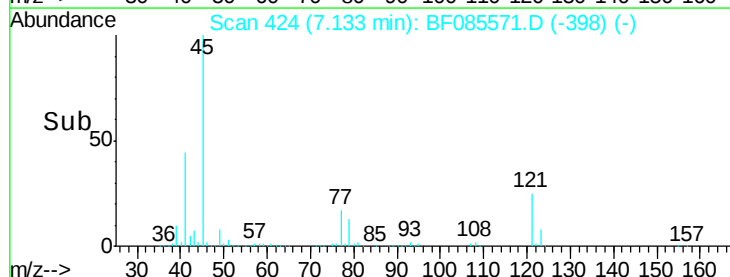
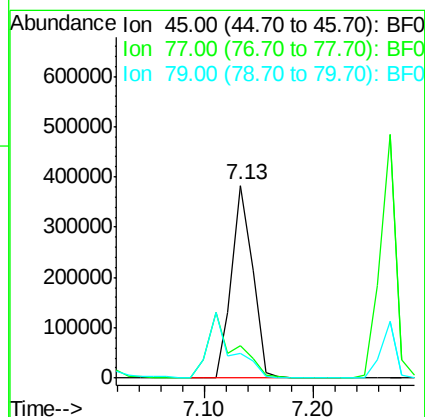
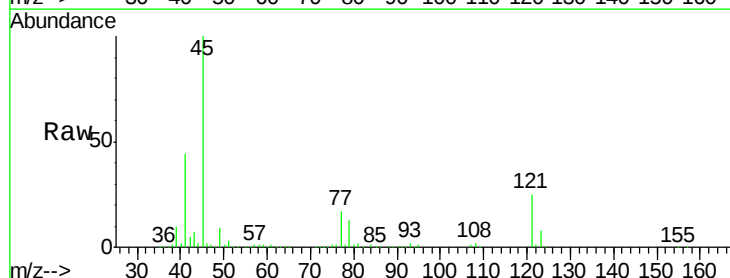
Tgt Ion: 45 Resp: 510432

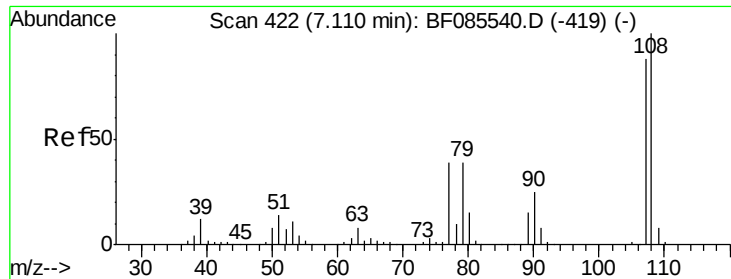
Ion Ratio Lower Upper

45 100

77 17.0 0.0 35.7

79 12.6 0.0 32.2

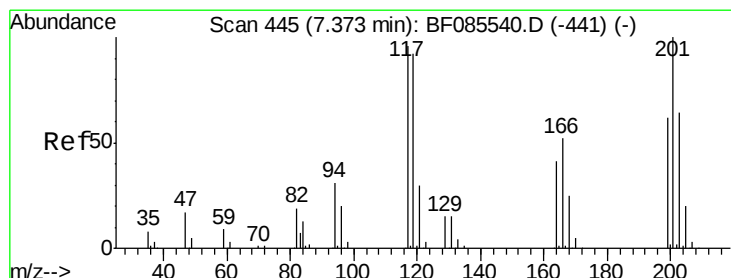
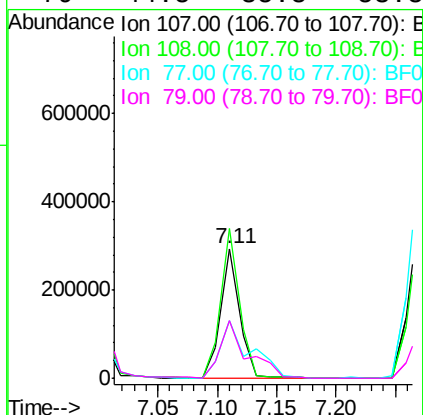
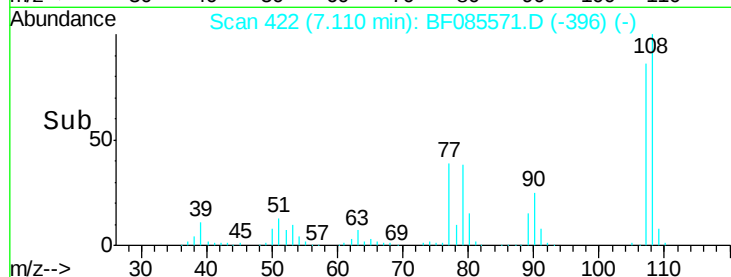
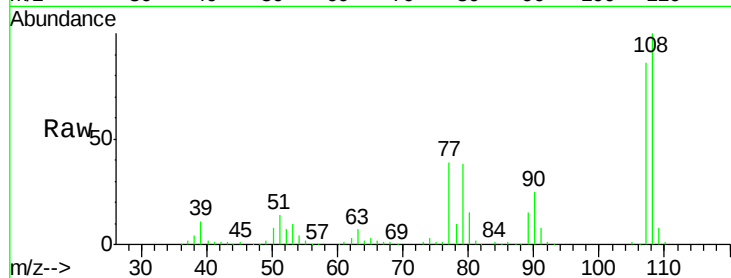




#17
2-Methylphenol
Concen: 38.94 ng
RT: 7.11 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF085571.D
Acq: 19 Mar 2016 14:27

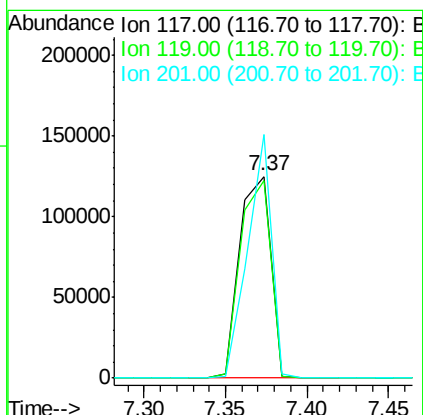
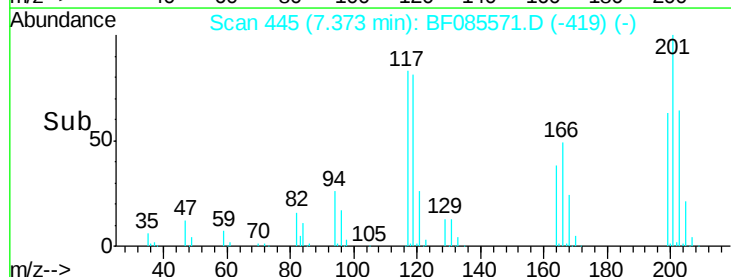
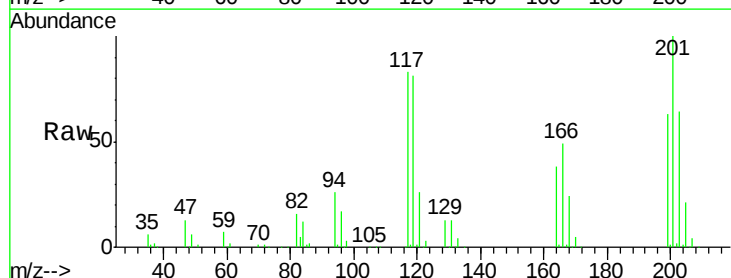
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

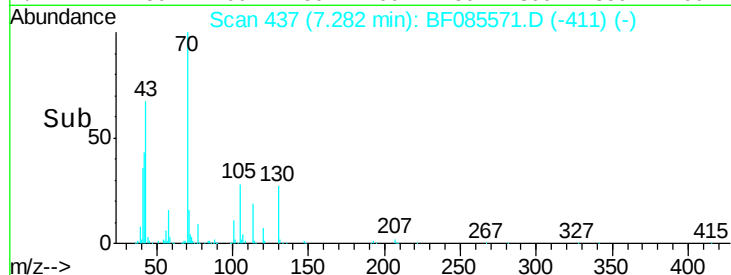
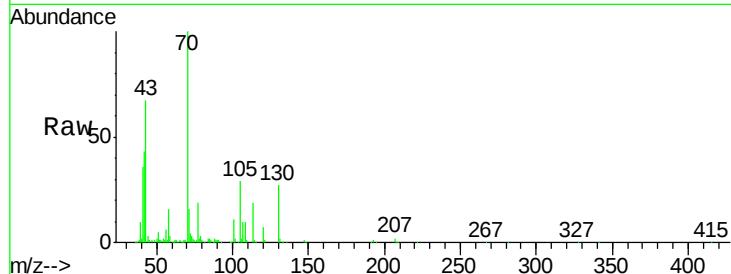
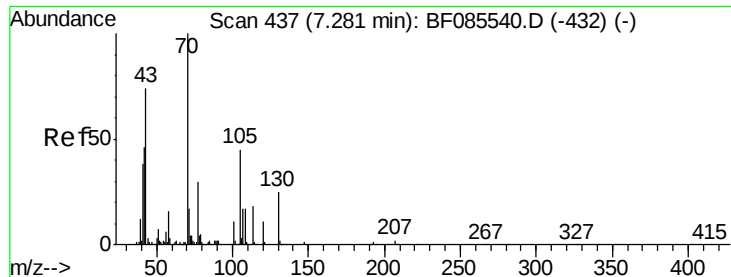
Tgt Ion:	107	Resp:	323813
Ion	Ratio	Lower	Upper
107	100		
108	116.1	91.4	137.0
77	44.9	36.2	54.2
79	44.5	35.8	53.8



#18
Hexachloroethane
Concen: 40.84 ng
RT: 7.37 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF085571.D
Acq: 19 Mar 2016 14:27

Tgt Ion:	117	Resp:	164417
Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.7	115.1
201	120.8	83.3	124.9

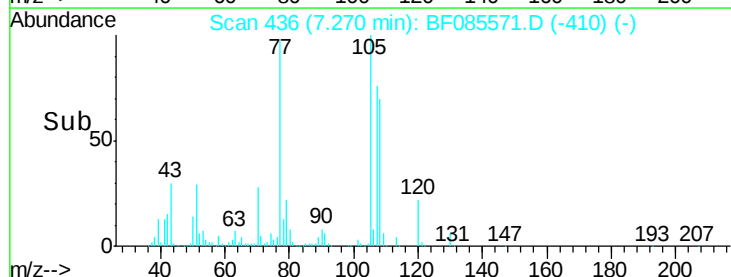
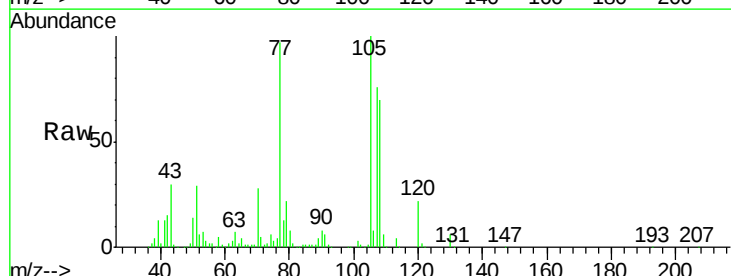
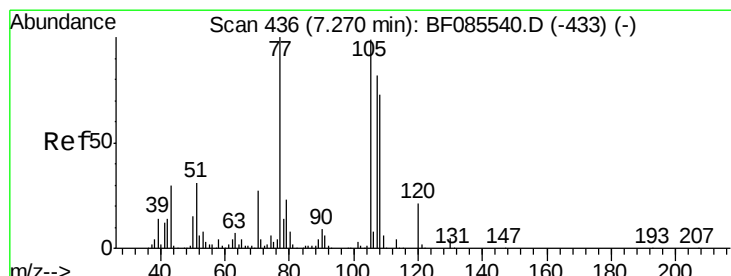
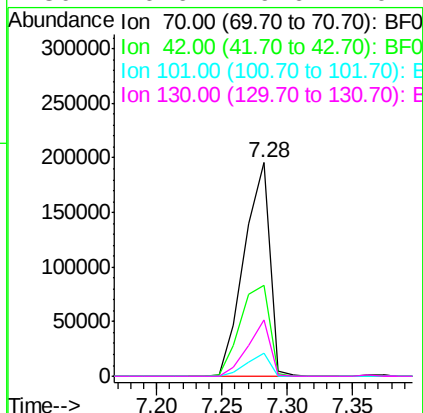




#19
n-Nitroso-di-n-propylamine
Concen: 40.21 ng
RT: 7.28 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF085571.D
Acq: 19 Mar 2016 14:27

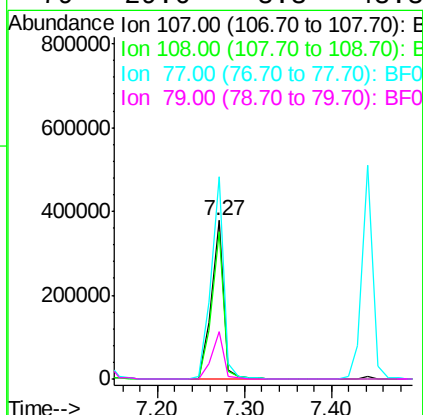
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

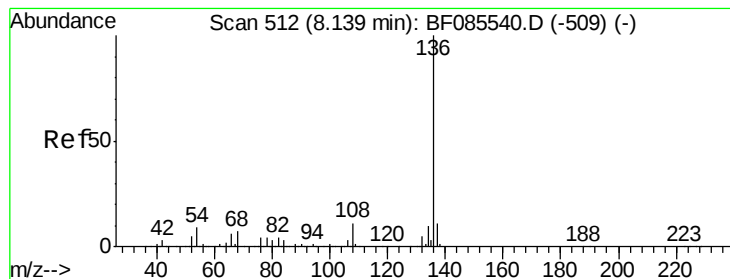
Tgt Ion:	70	Resp:	267096
Ion	Ratio	Lower	Upper
70	100		
42	42.8	37.1	55.7
101	11.0	8.6	12.8
130	26.6	19.6	29.4



#20
3+4-Methylphenols
Concen: 38.88 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085571.D
Acq: 19 Mar 2016 14:27

Tgt Ion:	107	Resp:	374399
Ion	Ratio	Lower	Upper
107	100		
108	92.7	69.3	109.3
77	128.2	101.7	141.7
79	29.6	8.3	48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 584289

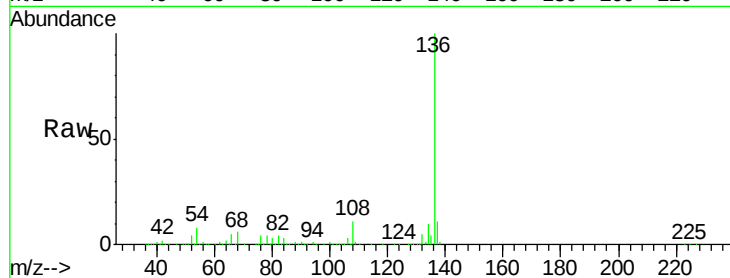
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.8 7.4 11.0

68 6.3 5.8 8.8

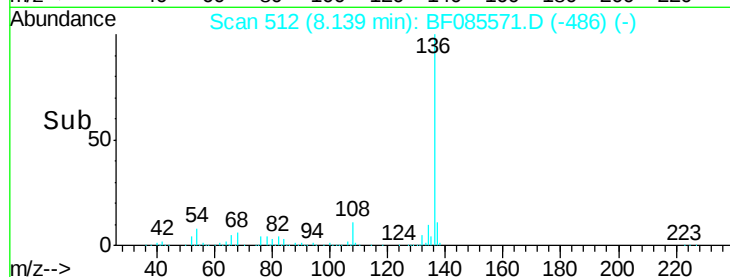


Abundance Ion 136.00 (135.70 to 136.70): E

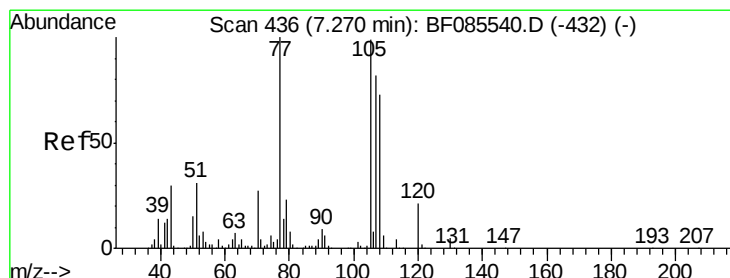
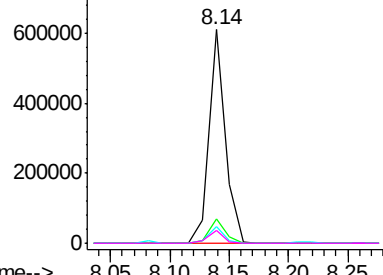
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 36.78 ng

RT: 7.27 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

Tgt Ion:105 Resp: 509979

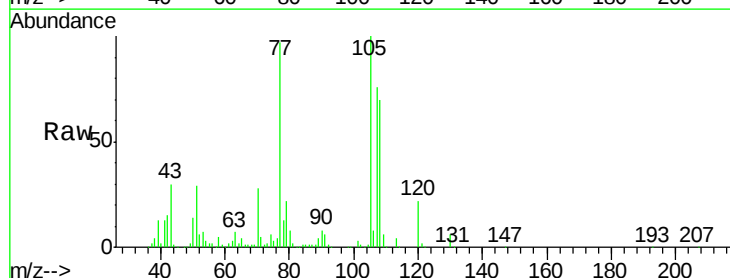
Ion Ratio Lower Upper

105 100

71 4.7 3.6 5.4

51 29.4 25.4 38.0

120 21.6 16.9 25.3

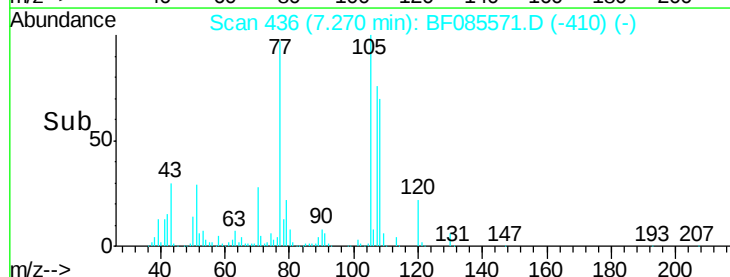


Abundance Ion 105.00 (104.70 to 105.70): E

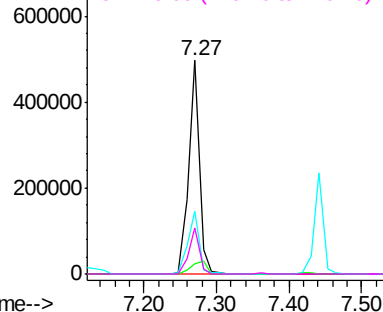
Ion 71.00 (70.70 to 71.70): BF0

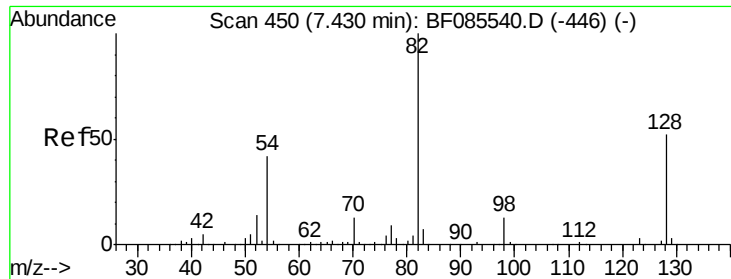
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

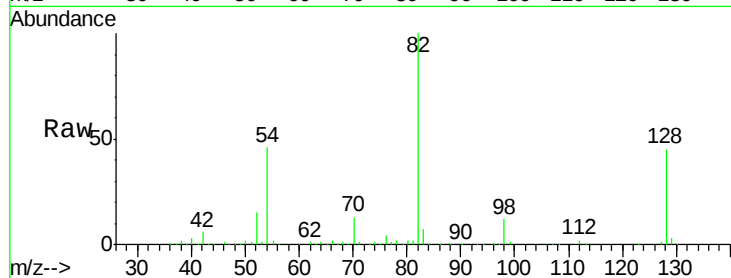




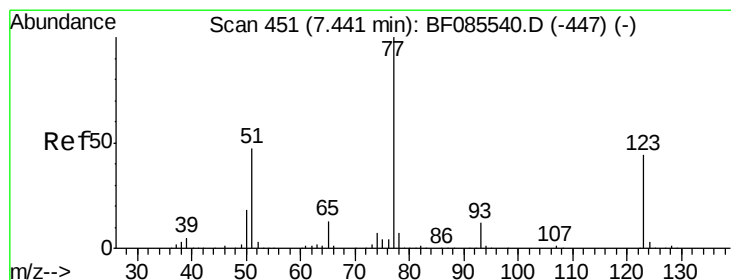
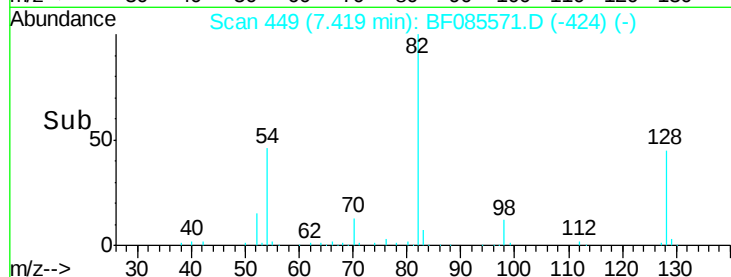
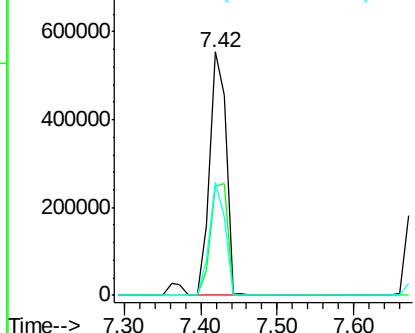
#23
 Nitrobenzene-d5
 Concen: 80.74 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.6	41.8	62.8
54	46.4	33.4	50.0

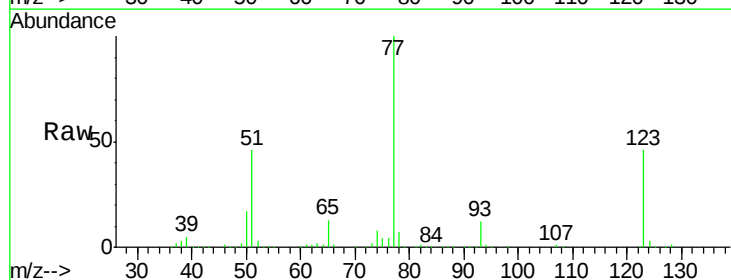


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

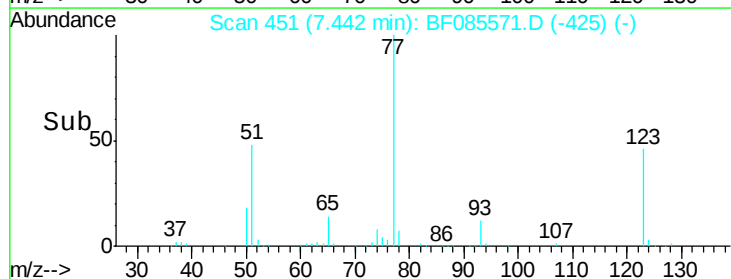
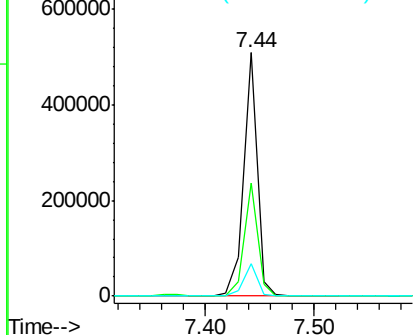


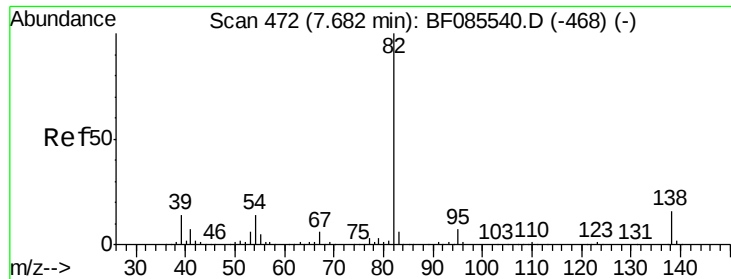
#24
 Nitrobenzene
 Concen: 39.23 ng
 RT: 7.44 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	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: 38.80 ng

RT: 7.68 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

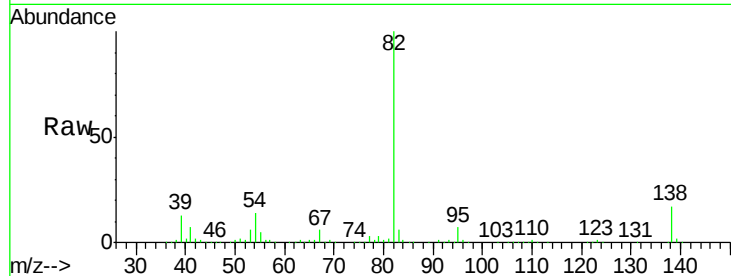
Tgt Ion: 82 Resp: 781953

Ion Ratio Lower Upper

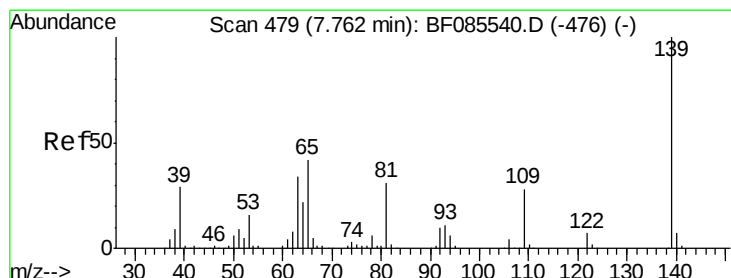
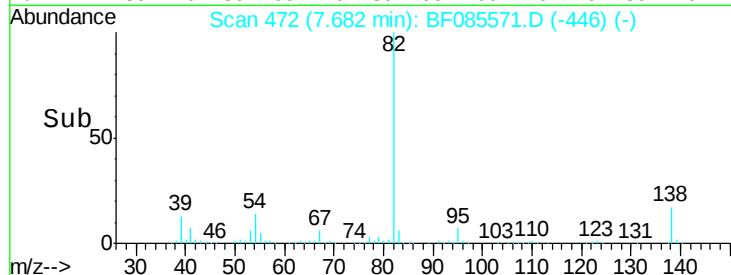
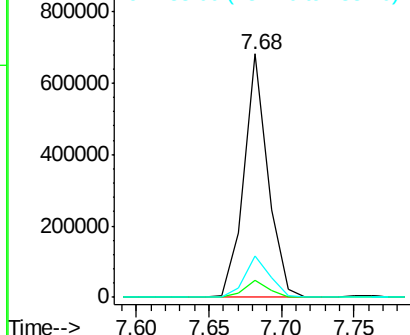
82 100

95 7.0 5.4 8.2

138 17.0 12.9 19.3



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



#26

2-Nitrophenol

Concen: 43.25 ng

RT: 7.76 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

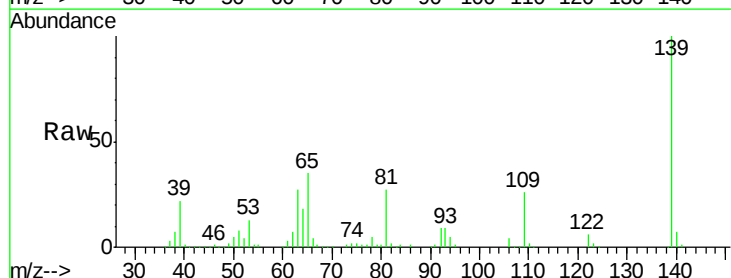
Tgt Ion: 139 Resp: 235542

Ion Ratio Lower Upper

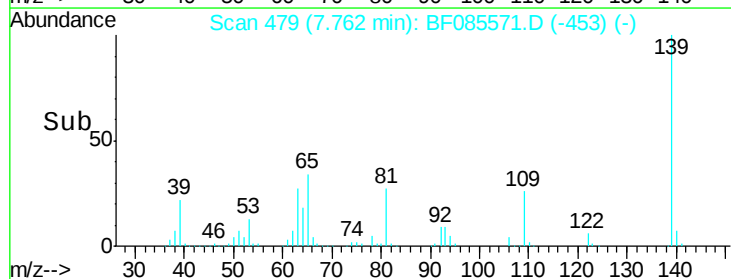
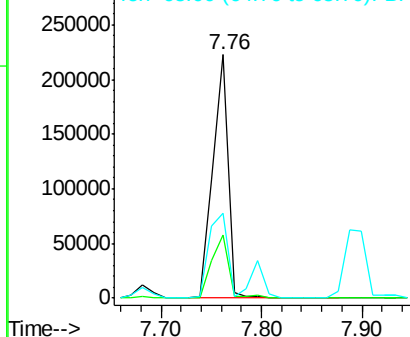
139 100

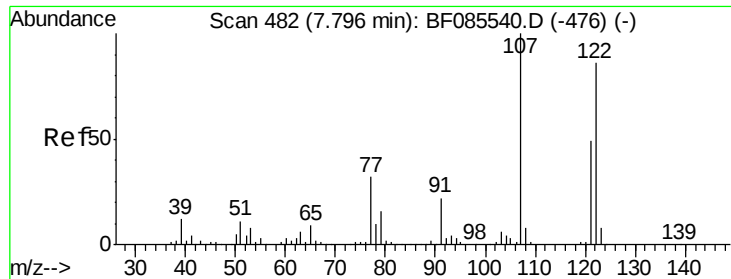
109 25.9 22.1 33.1

65 34.6 33.9 50.9



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





#27

2,4-Dimethylphenol

Concen: 37.54 ng

RT: 7.80 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

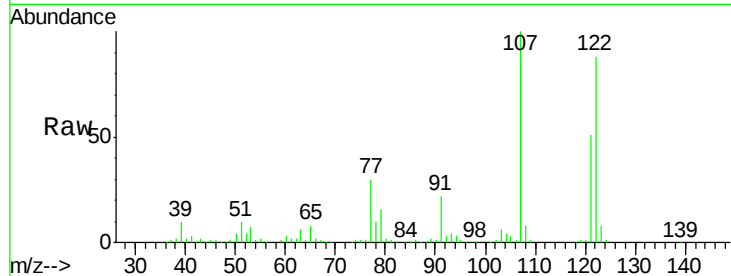
Tgt Ion:122 Resp: 361540

Ion Ratio Lower Upper

122 100

107 114.2 93.0 139.6

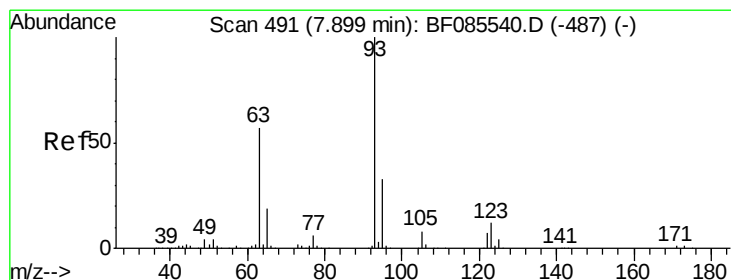
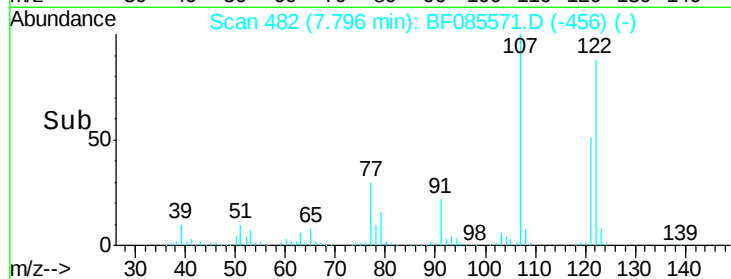
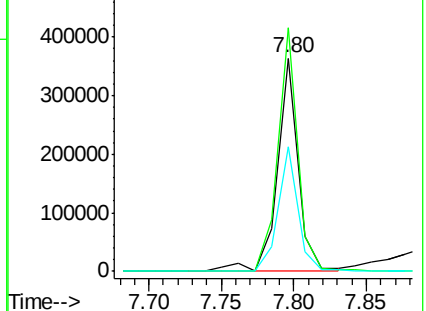
121 58.7 45.9 68.9



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: 39.95 ng

RT: 7.90 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

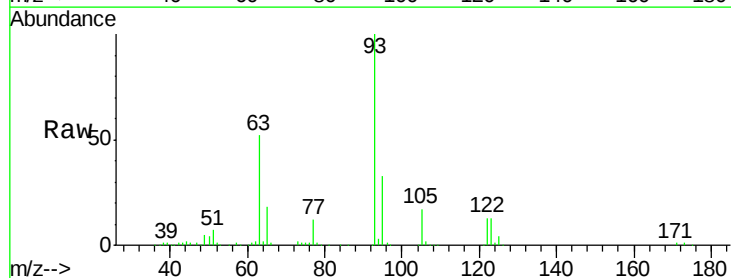
Tgt Ion: 93 Resp: 457952

Ion Ratio Lower Upper

93 100

95 33.3 26.4 39.6

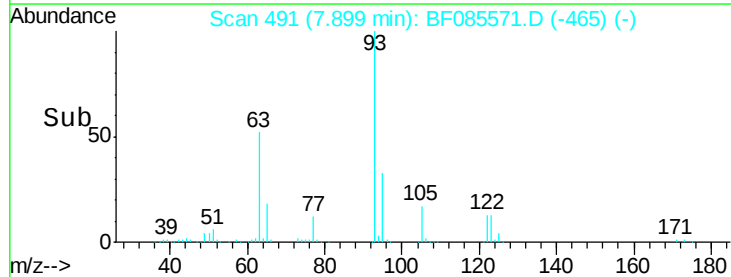
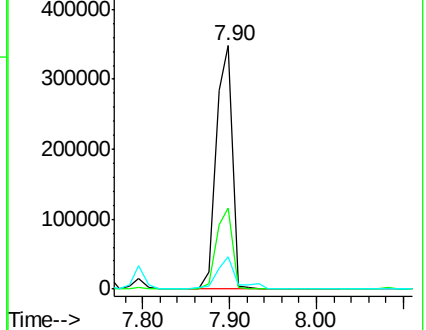
123 13.4 9.8 14.6

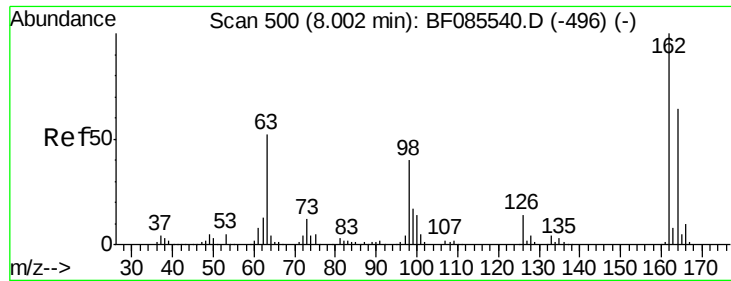


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

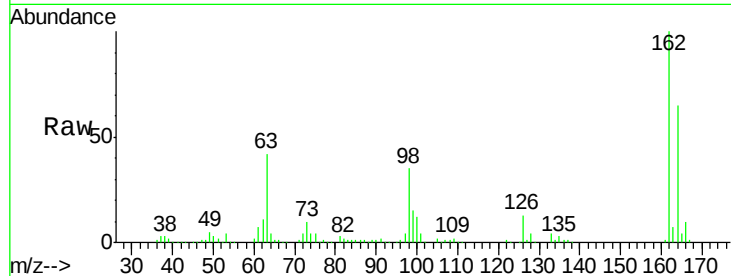




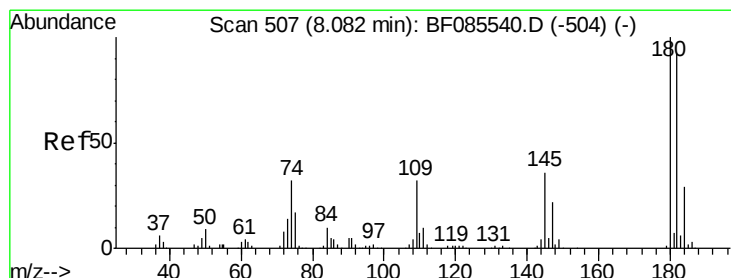
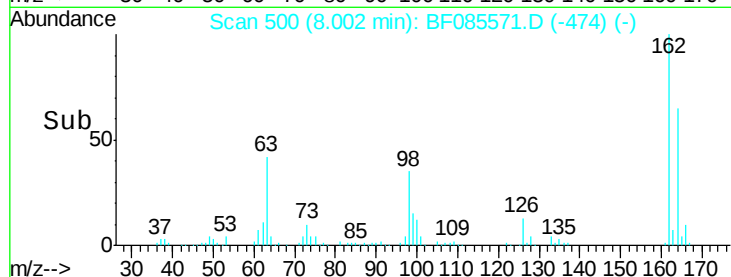
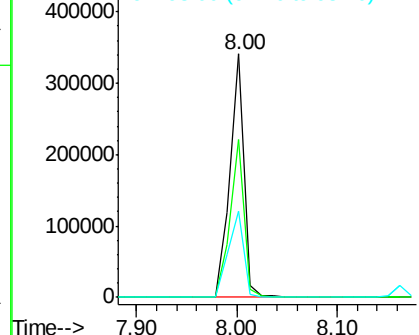
#29
 2,4-Dichlorophenol
 Concen: 41.99 ng
 RT: 8.00 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	43.7	83.7
98	35.2	20.4	60.4

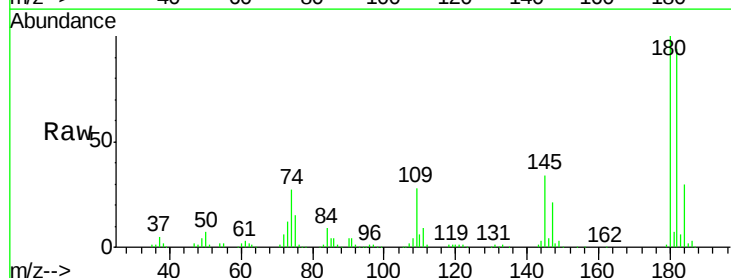


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

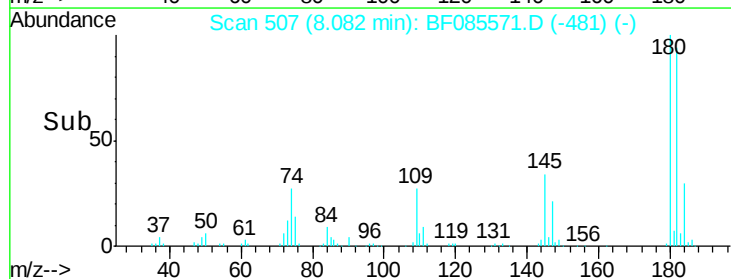
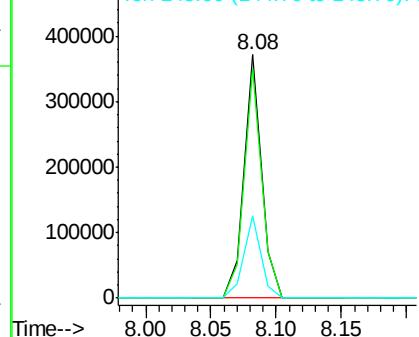


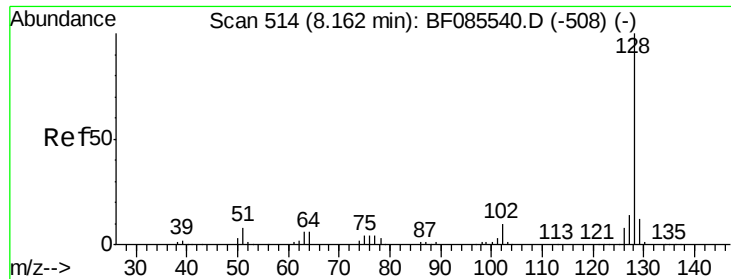
#30
 1,2,4-Trichlorobenzene
 Concen: 38.74 ng
 RT: 8.08 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	73.8	110.8
145	33.6	28.4	42.6



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

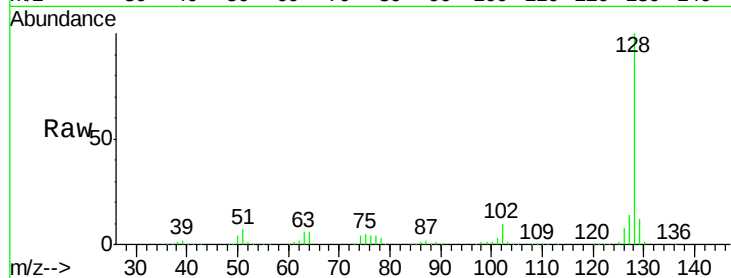




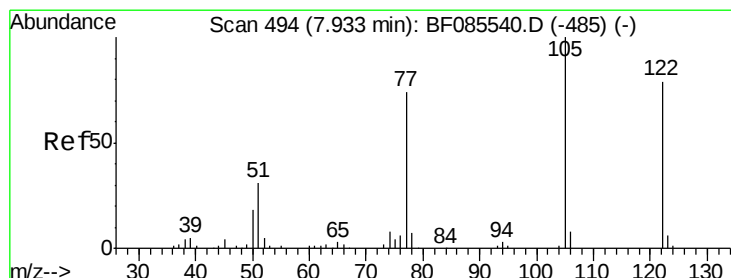
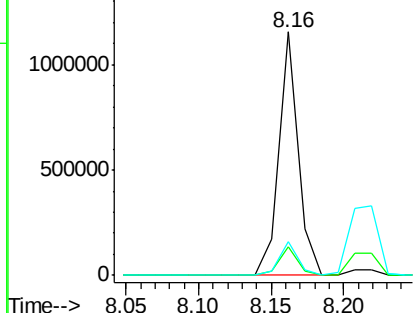
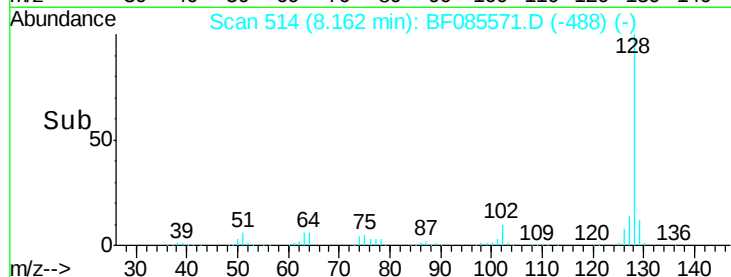
#31
Naphthalene
Concen: 36.27 ng
RT: 8.16 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF085571.D
Acq: 19 Mar 2016 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1069798
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.8 11.0 16.6

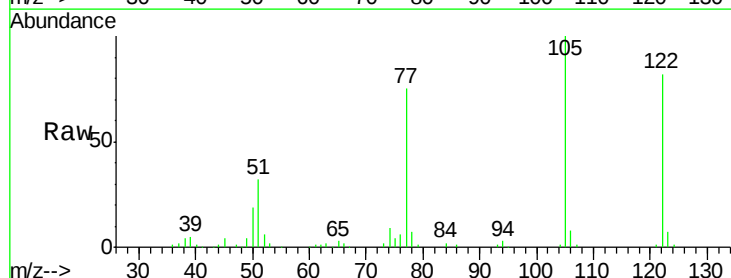


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

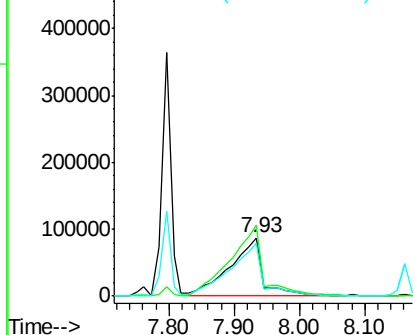
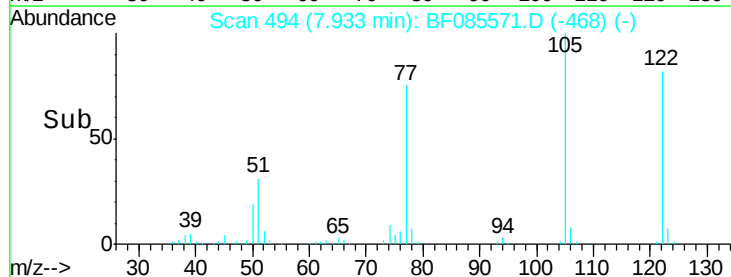


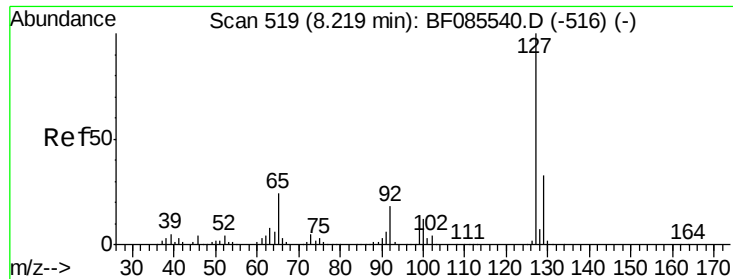
#32
Benzoic acid
Concen: 36.77 ng
RT: 7.93 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF085571.D
Acq: 19 Mar 2016 14:27

Tgt Ion:122 Resp: 296088
Ion Ratio Lower Upper
122 100
105 121.9 102.9 142.9
77 92.0 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

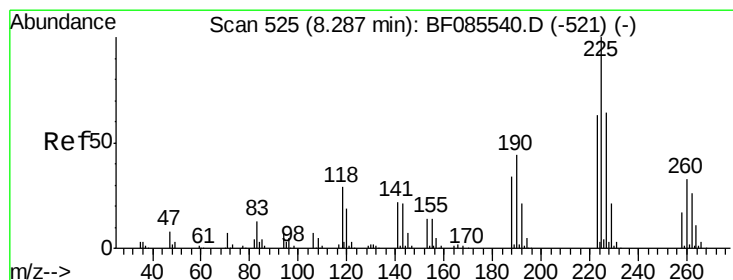
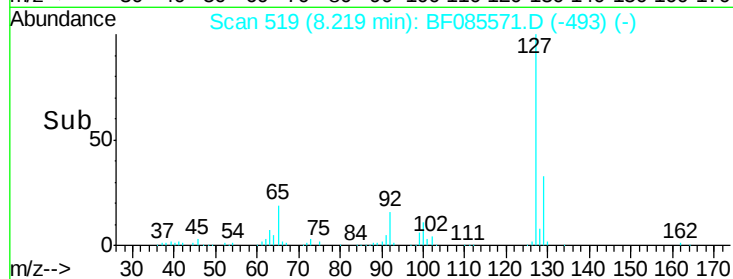
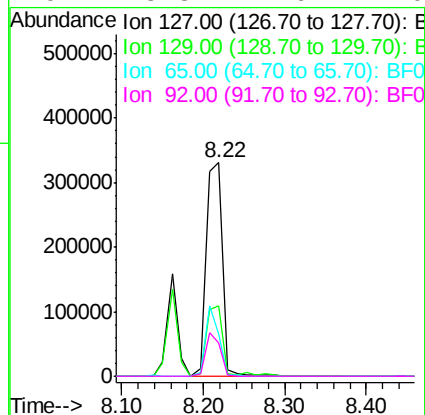
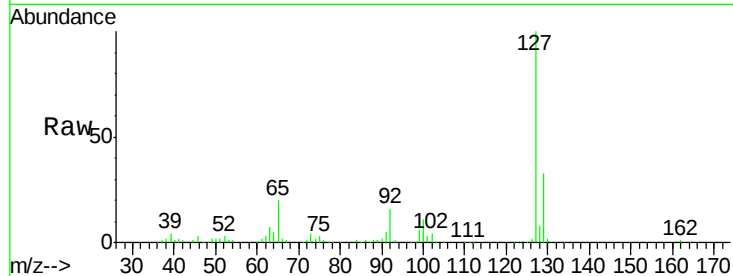




#33
 4-Chloroaniline
 Concen: 38.93 ng
 RT: 8.22 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

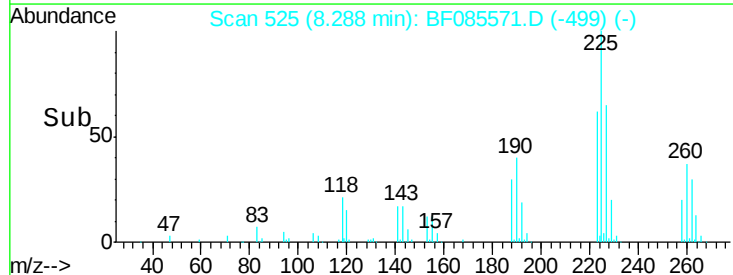
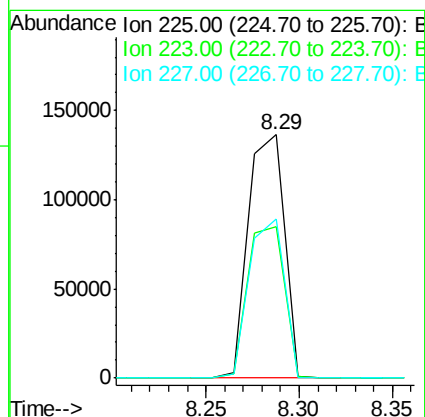
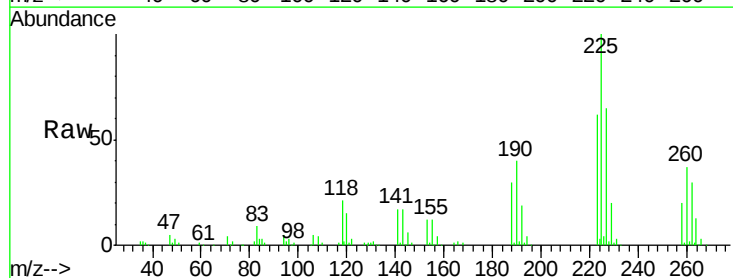
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

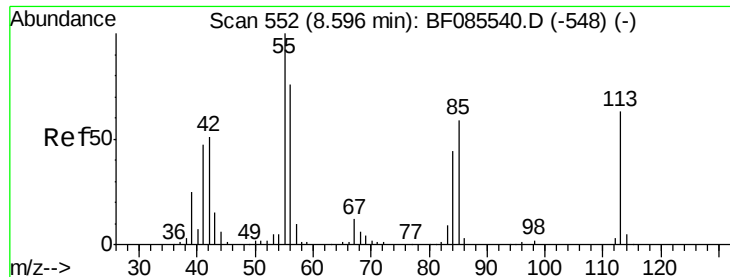
Tgt Ion:	127	Resp:	470649
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	19.9	19.5	29.3
92	15.8	14.6	22.0



#34
 Hexachlorobutadiene
 Concen: 38.45 ng
 RT: 8.29 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

Tgt Ion:	225	Resp:	182524
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.4	75.6
227	65.5	51.4	77.2

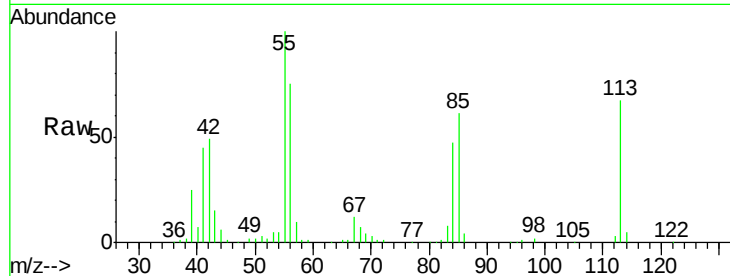




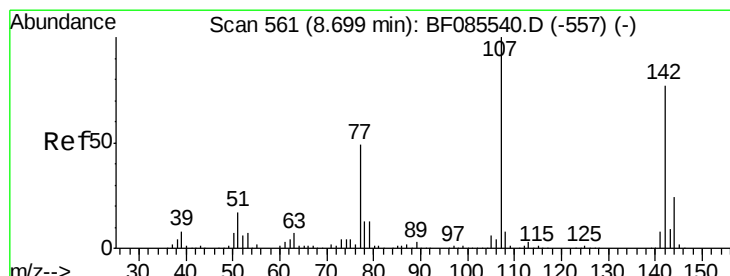
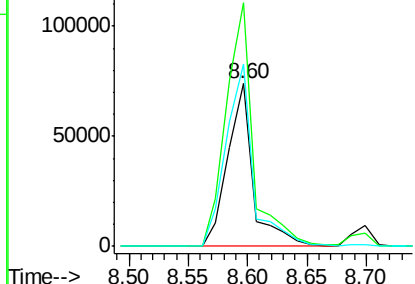
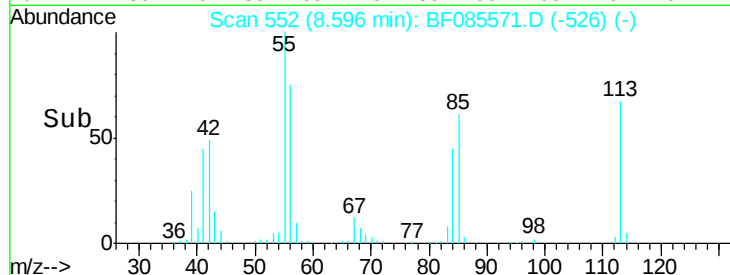
#35
 Caprolactam
 Concen: 40.25 ng
 RT: 8.60 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 110136
 Ion Ratio Lower Upper
 113 100
 55 149.9 139.4 179.4
 56 111.8 100.4 140.4

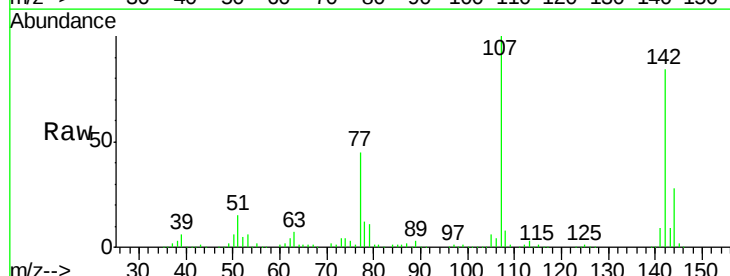


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

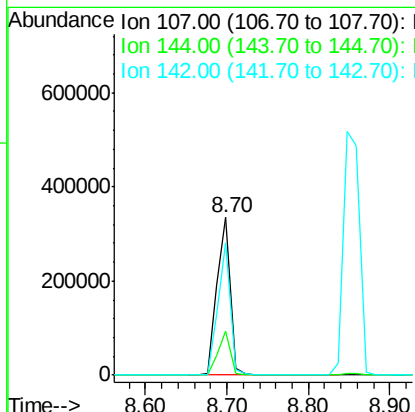
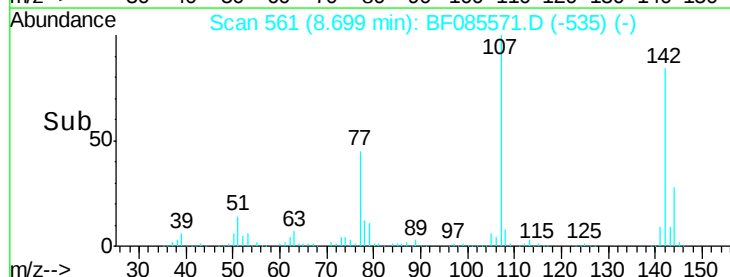


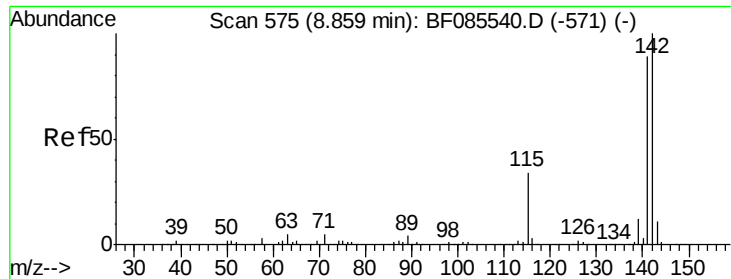
#36
 4-Chloro-3-methylphenol
 Concen: 40.87 ng
 RT: 8.70 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

Tgt Ion:107 Resp: 379566
 Ion Ratio Lower Upper
 107 100
 144 27.8 19.3 28.9
 142 83.8 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

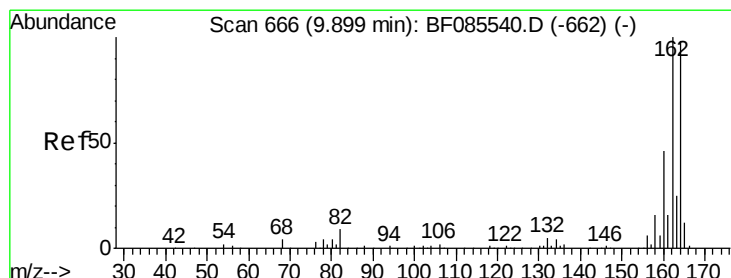
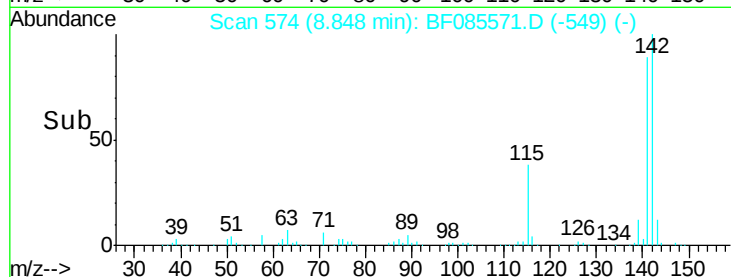
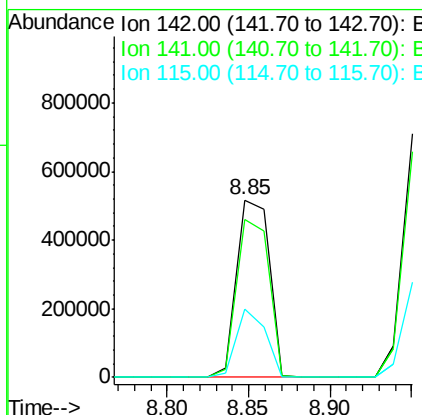
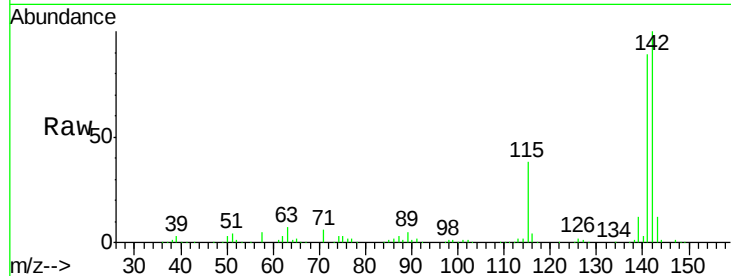




#37
 2-Methylnaphthalene
 Concen: 39.66 ng
 RT: 8.85 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

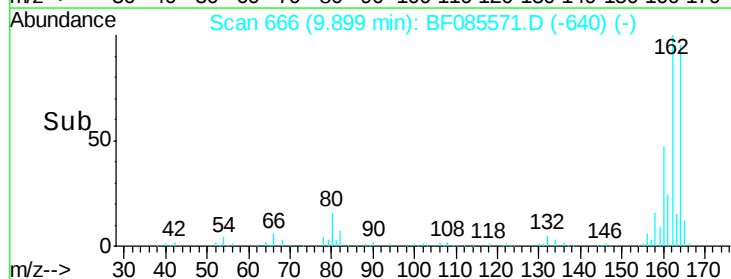
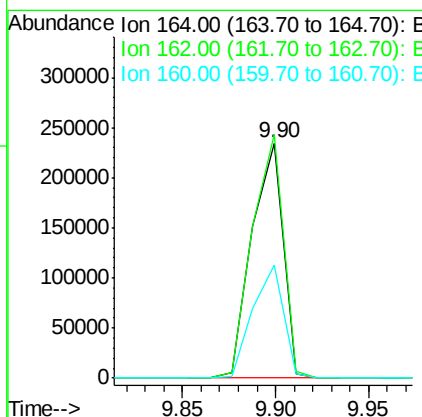
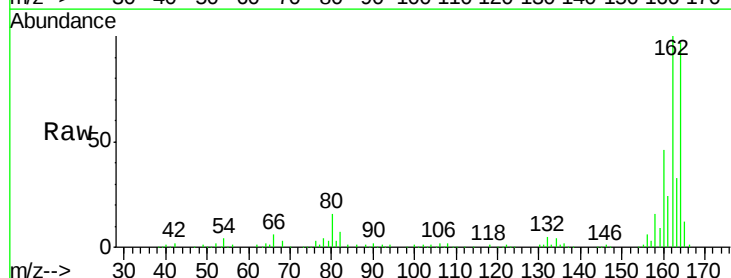
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

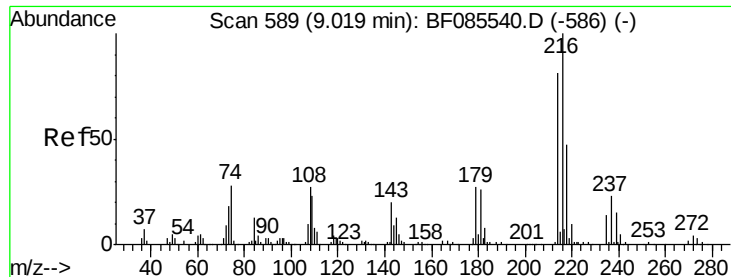
Tgt Ion:142 Resp: 712950
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.6 107.4
 115 38.2 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

Tgt Ion:164 Resp: 271074
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.1 123.1
 160 48.1 37.4 56.2

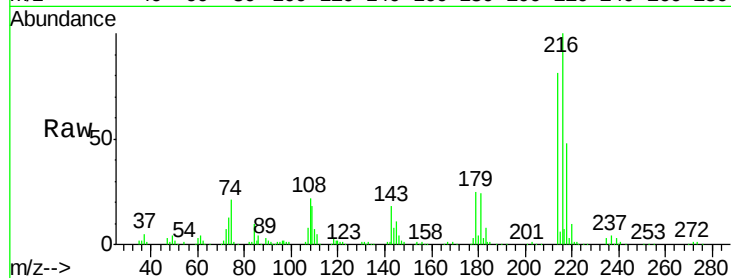




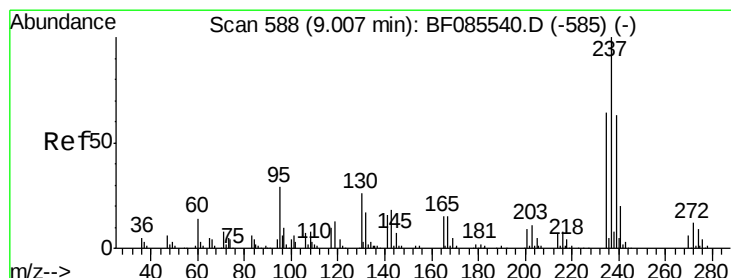
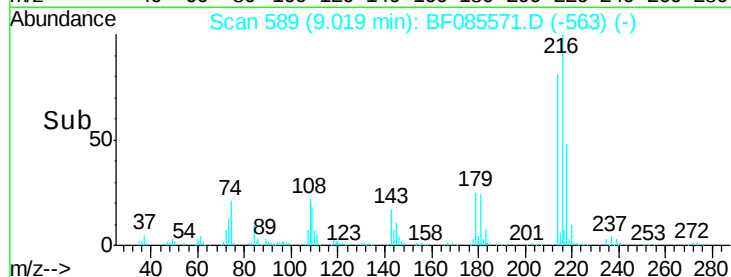
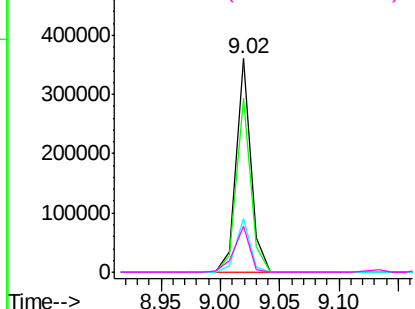
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.07 ng
 RT: 9.02 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	313026
Ion	Ratio	Lower	Upper
216	100		
214	80.7	63.1	94.7
179	24.0	18.2	27.2
108	22.7	17.3	25.9

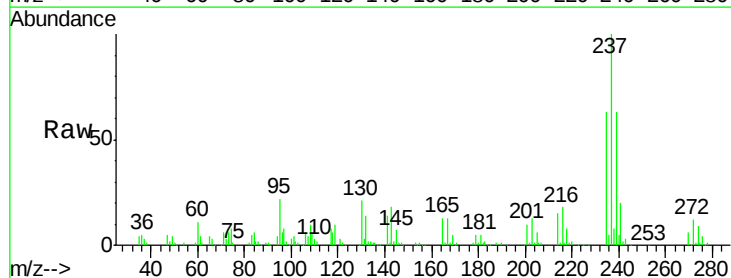


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

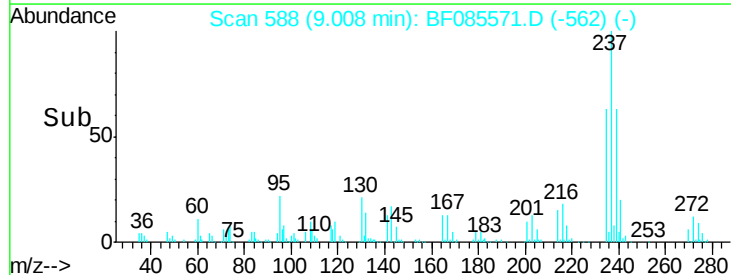
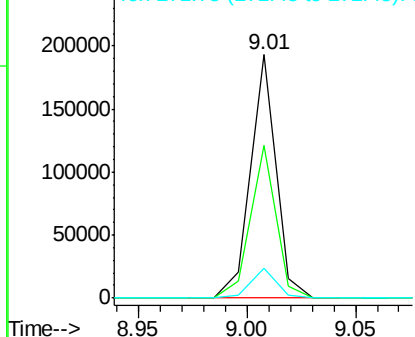


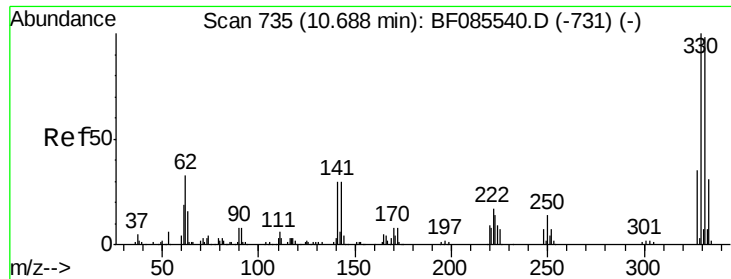
#40
 Hexachlorocyclopentadiene
 Concen: 42.44 ng
 RT: 9.01 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

Tgt Ion:	237	Resp:	157277
Ion	Ratio	Lower	Upper
237	100		
235	62.5	43.7	83.7
272	12.4	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

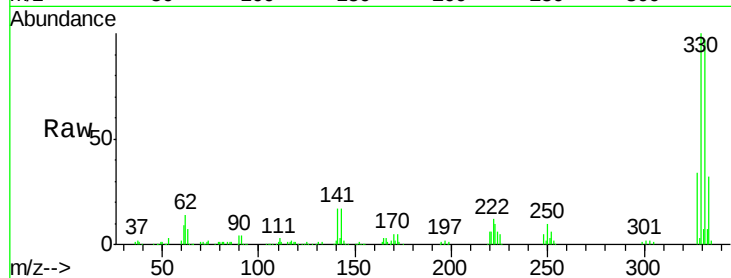




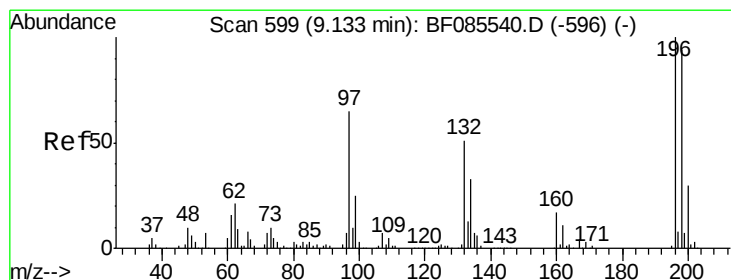
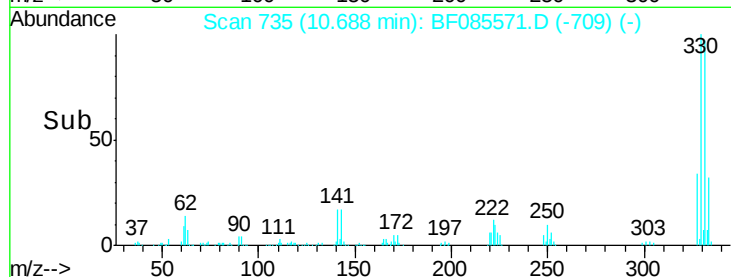
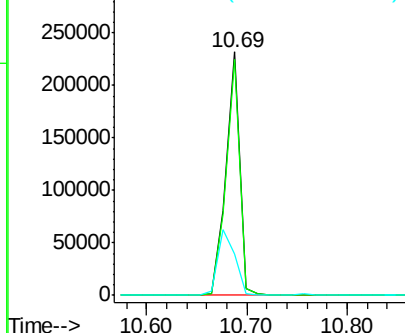
#41
 2,4,6-Tribromophenol
 Concen: 84.50 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 224375
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.2 117.2
 141 33.5 31.5 47.3

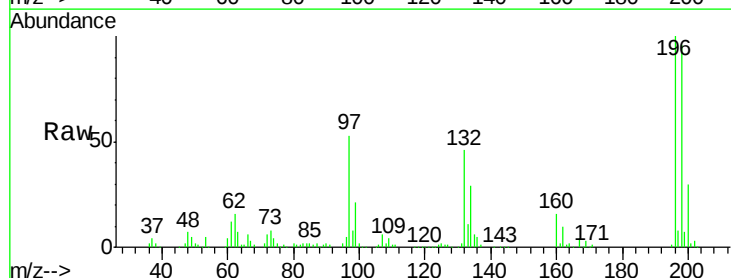


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

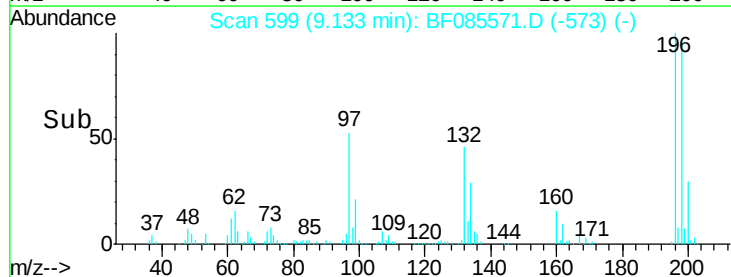
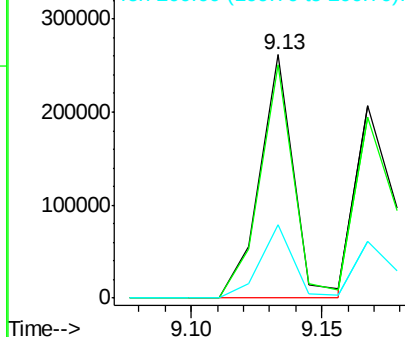


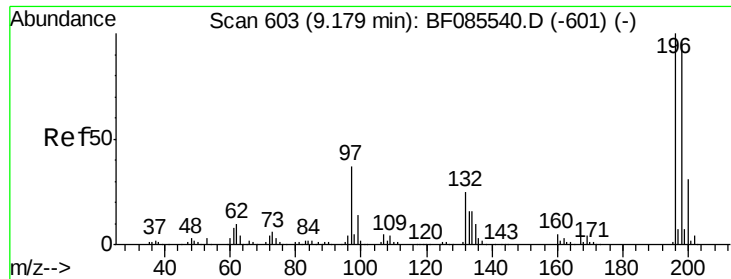
#42
 2,4,6-Trichlorophenol
 Concen: 41.69 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

Tgt Ion:196 Resp: 234688
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.3 112.9
 200 30.3 23.7 35.5



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

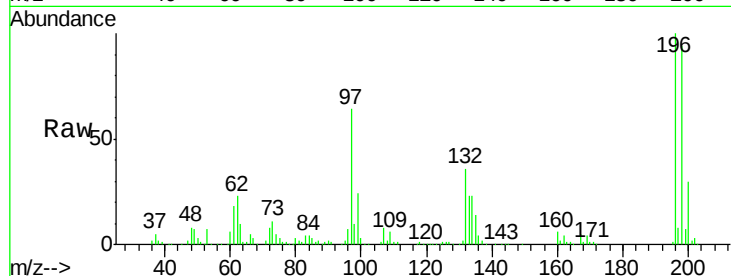




#43
 2,4,5-Trichlorophenol
 Concen: 37.99 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	76.6	114.8
97	64.0	30.5	45.7#
132	35.9	20.2	30.2#



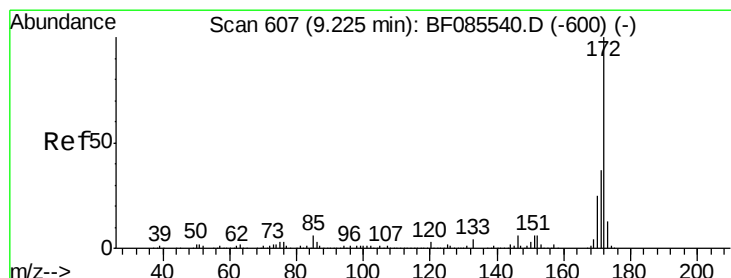
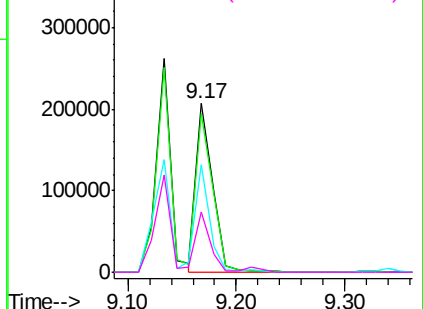
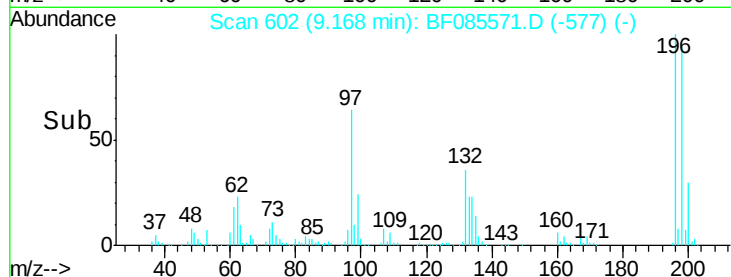
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

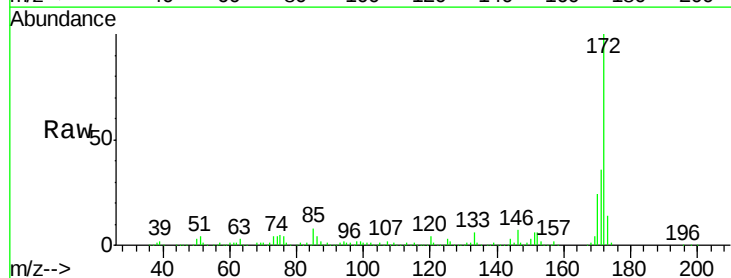
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.51 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.2
170	24.5	19.8	29.6

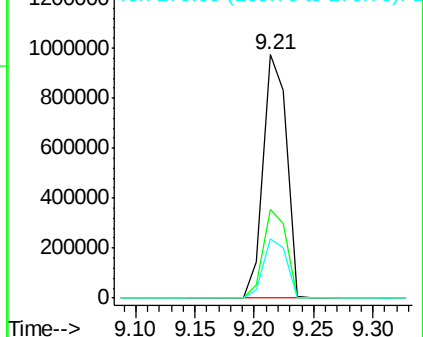
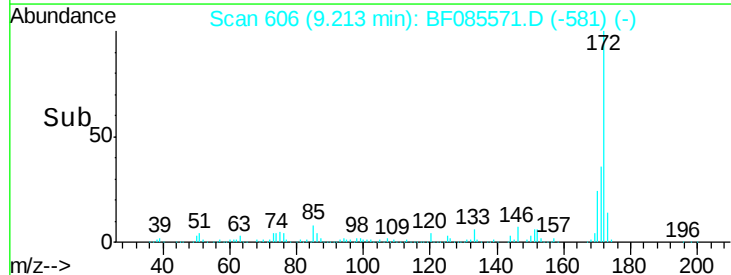


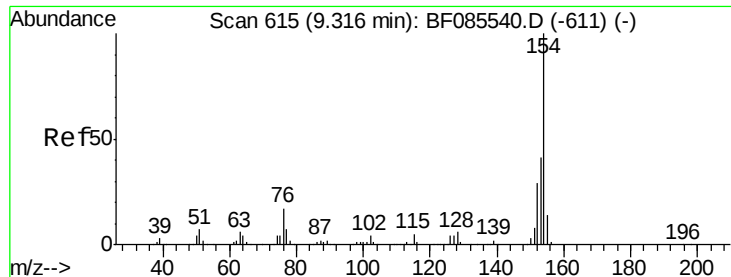
Abundance

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

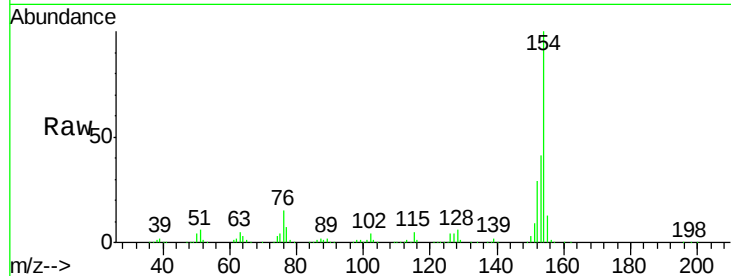




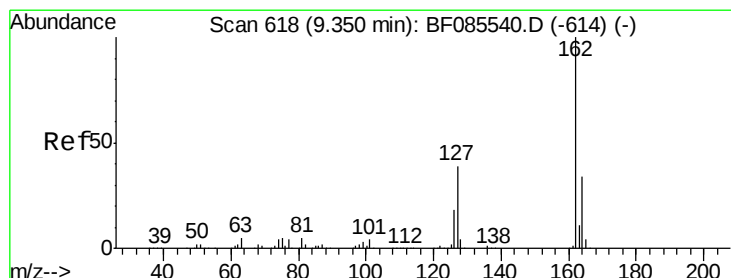
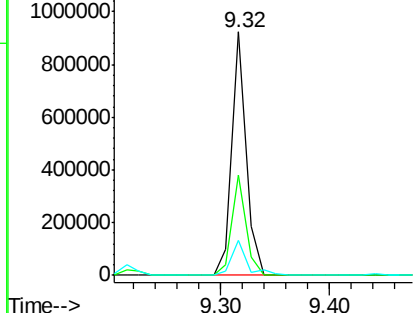
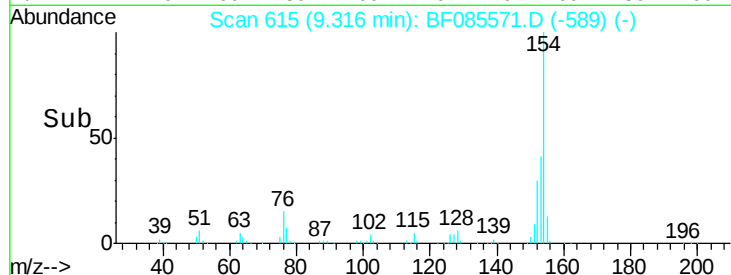
#45
 1,1'-Biphenyl
 Concen: 35.65 ng
 RT: 9.32 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 833663
 Ion Ratio Lower Upper
 154 100
 153 41.4 20.8 60.8
 76 14.6 0.0 36.7

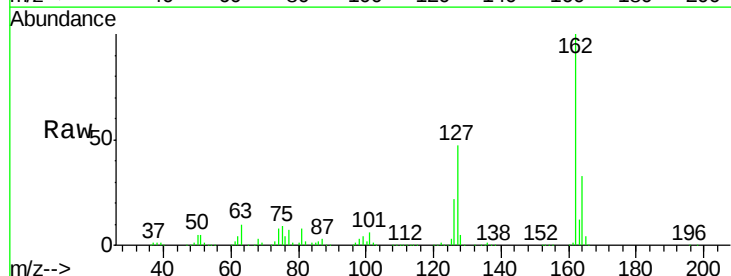


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

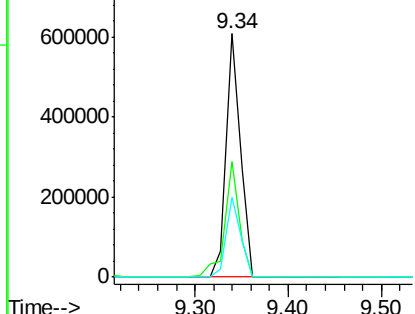
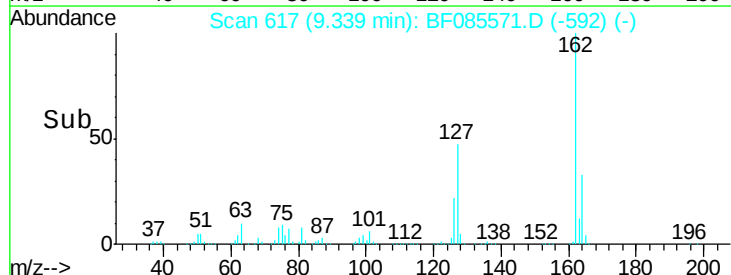


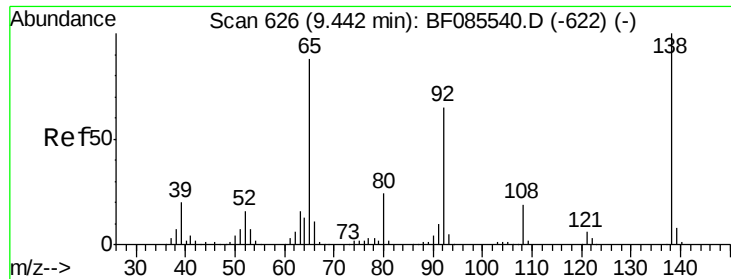
#46
 2-Chloronaphthalene
 Concen: 38.20 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

Tgt Ion:162 Resp: 652572
 Ion Ratio Lower Upper
 162 100
 127 47.5 31.7 47.5
 164 32.9 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

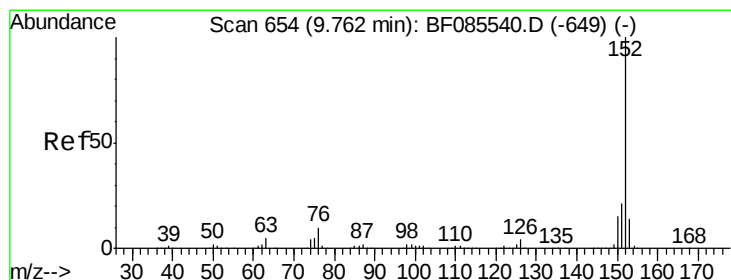
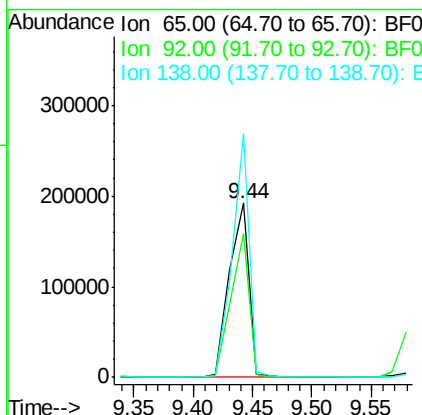
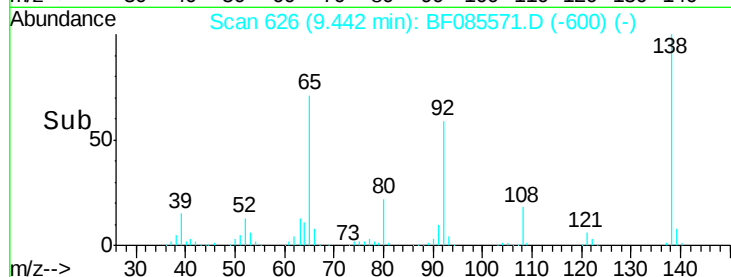
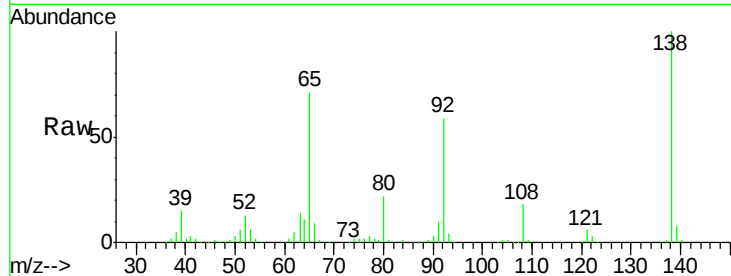




#47
 2-Nitroaniline
 Concen: 42.57 ng
 RT: 9.44 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

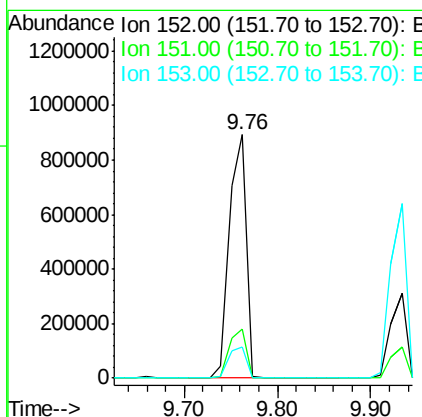
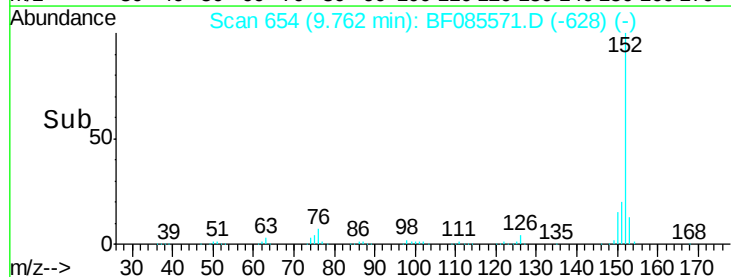
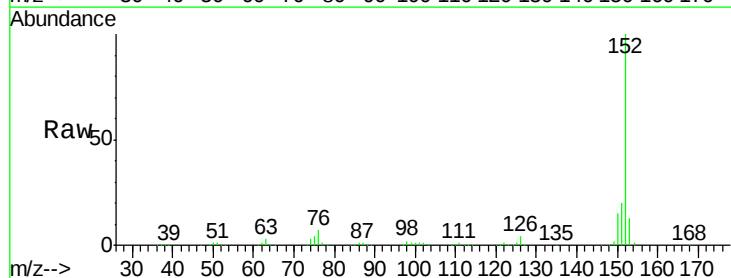
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

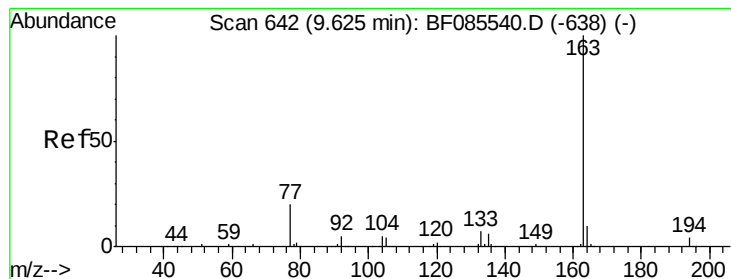
Tgt Ion: 65 Resp: 219952
 Ion Ratio Lower Upper
 65 100
 92 82.8 59.7 89.5
 138 139.9 91.4 137.0#



#48
 Acenaphthylene
 Concen: 41.06 ng
 RT: 9.76 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

Tgt Ion: 152 Resp: 1135033
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.8 25.2
 153 13.0 10.9 16.3





#49

Dimethylphthalate

Concen: 41.18 ng

RT: 9.62 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

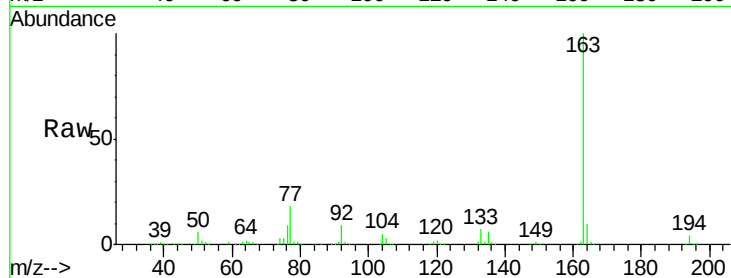
Tgt Ion:163 Resp: 842277

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

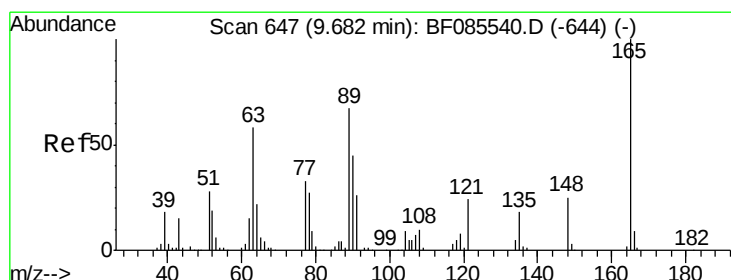
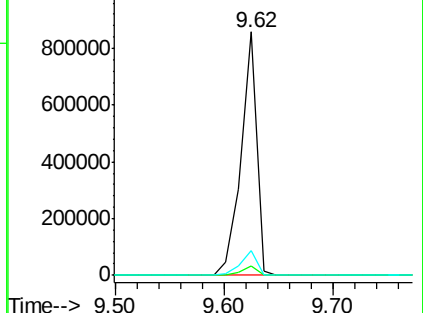
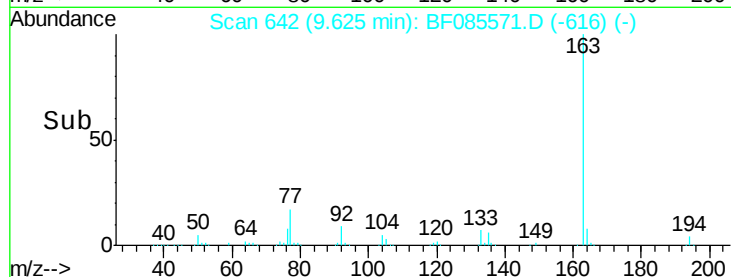
164 10.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.16 ng

RT: 9.68 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

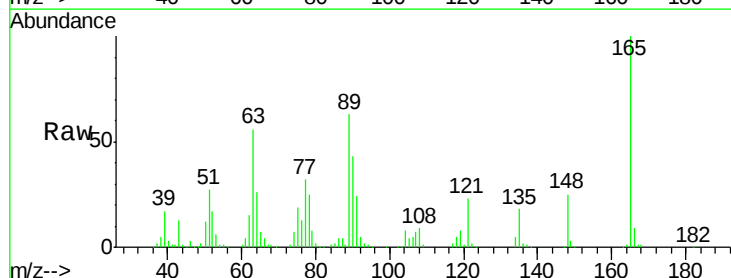
Tgt Ion:165 Resp: 169126

Ion Ratio Lower Upper

165 100

63 56.3 51.8 77.8

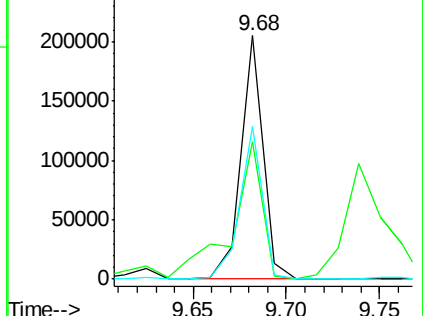
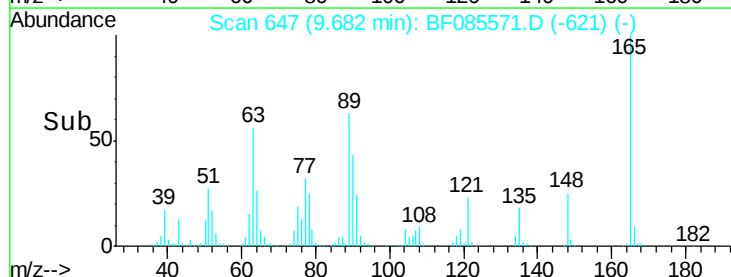
89 62.5 53.7 80.5

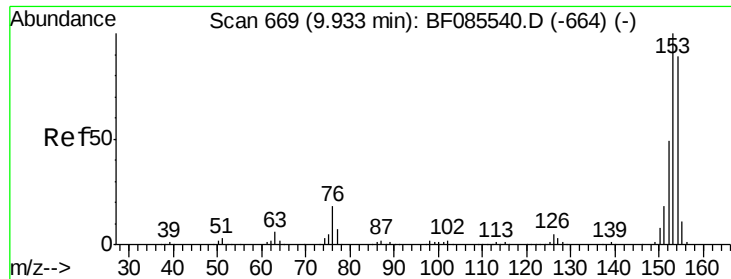


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.31 ng

RT: 9.93 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

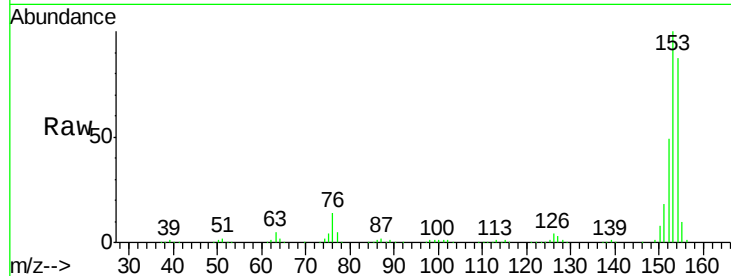
Tgt Ion:154 Resp: 716540

Ion Ratio Lower Upper

154 100

153 114.4 90.1 135.1

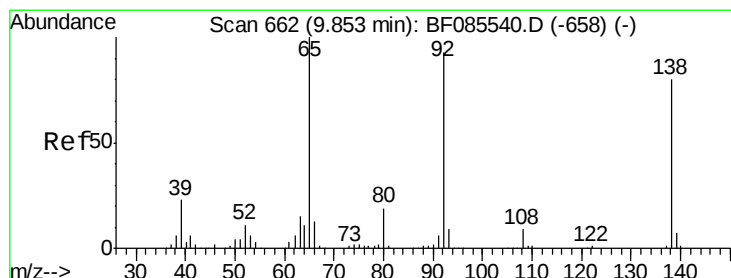
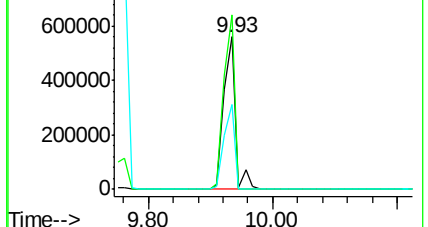
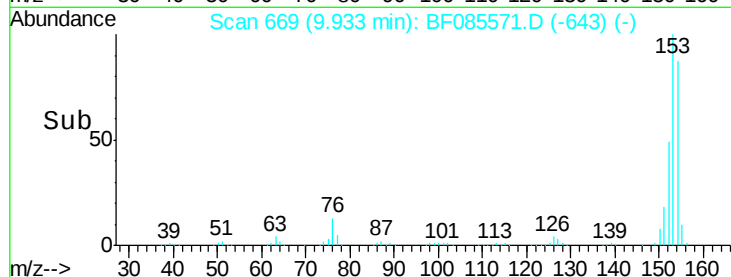
152 56.1 44.2 66.2



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: 42.62 ng

RT: 9.85 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

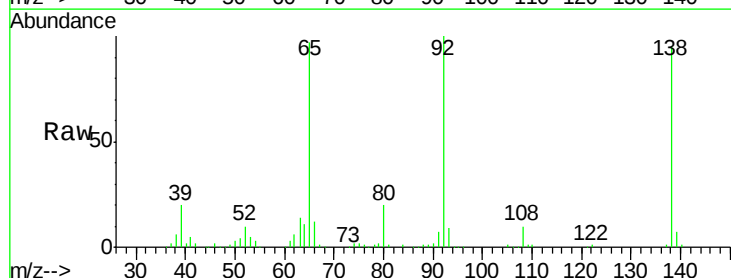
Tgt Ion:138 Resp: 230521

Ion Ratio Lower Upper

138 100

108 10.1 8.7 13.1

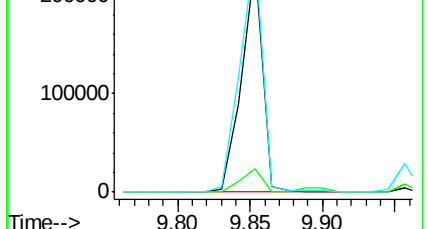
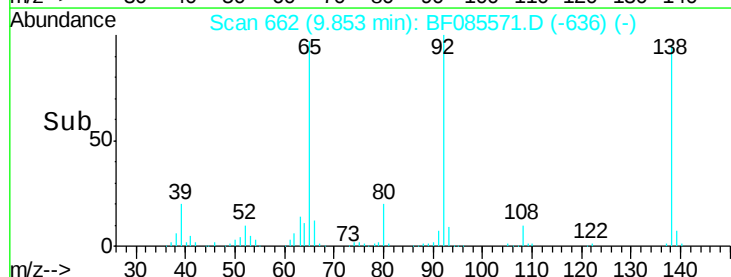
92 105.3 93.3 139.9

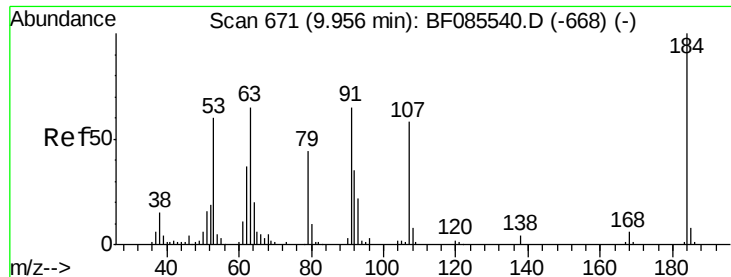


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

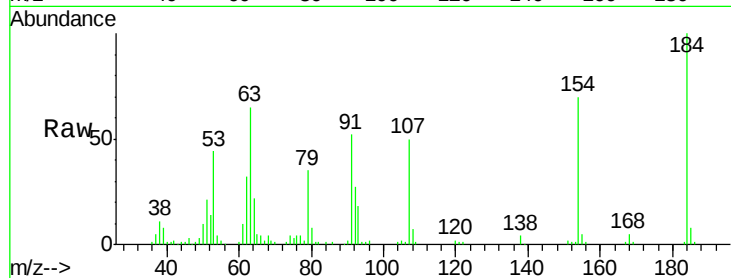




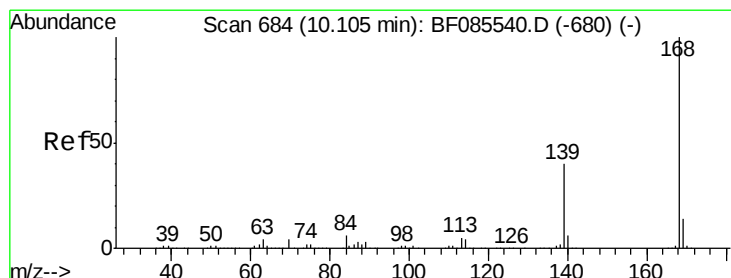
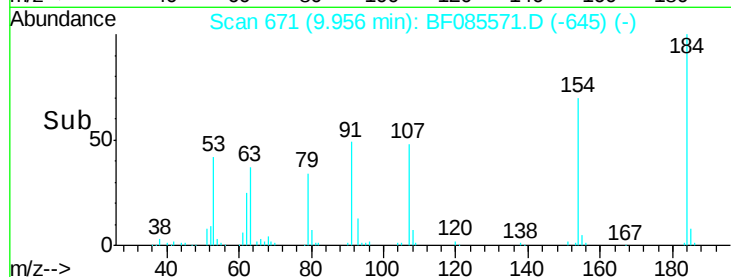
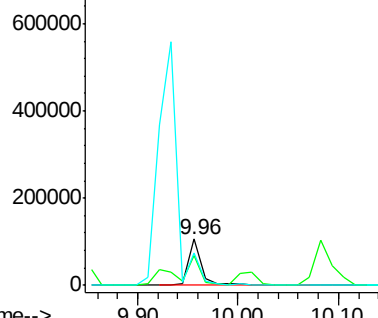
#53
2,4-Dinitrophenol
Concen: 35.45 ng
RT: 9.96 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF085571.D
Acq: 19 Mar 2016 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 93778
Ion Ratio Lower Upper
184 100
63 65.4 69.5 104.3#
154 69.6 58.3 87.5

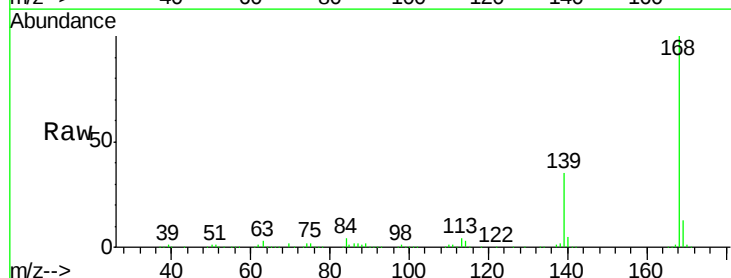


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

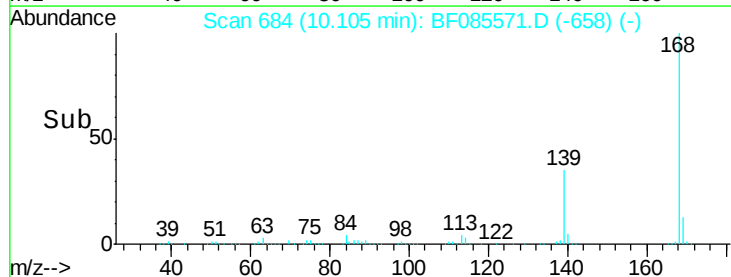
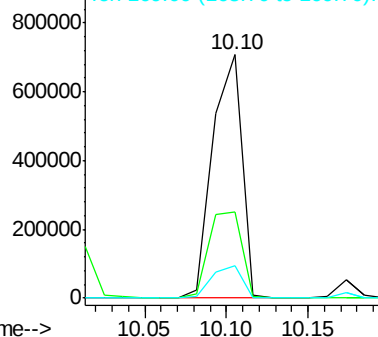


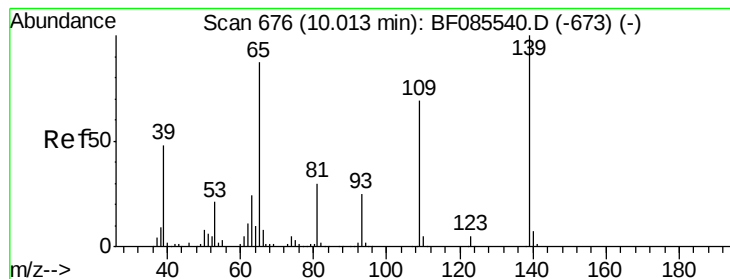
#54
Dibenzofuran
Concen: 41.56 ng
RT: 10.10 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF085571.D
Acq: 19 Mar 2016 14:27

Tgt Ion:168 Resp: 877875
Ion Ratio Lower Upper
168 100
139 35.4 31.9 47.9
169 13.1 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: 40.09 ng

RT: 10.01 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

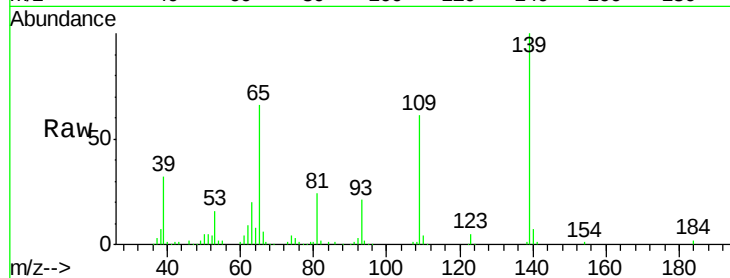
Tgt Ion:139 Resp: 167579

Ion Ratio Lower Upper

139 100

109 61.5 49.2 89.2

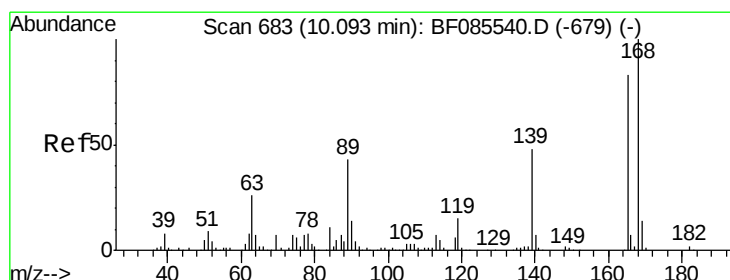
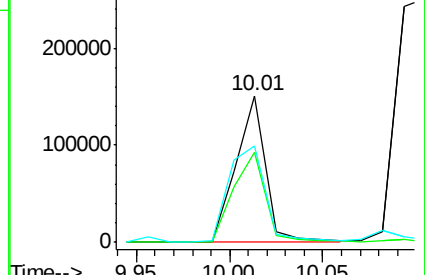
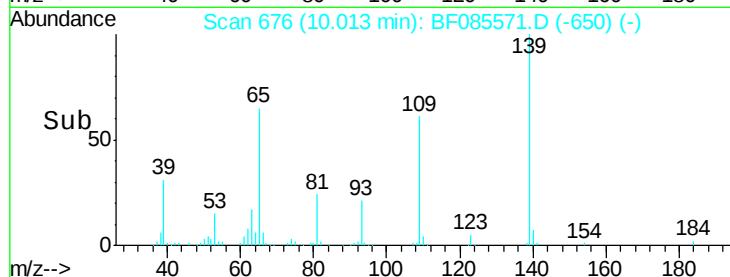
65 65.5 66.9 106.9#



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: 37.24 ng

RT: 10.08 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

Tgt Ion:165 Resp: 210560

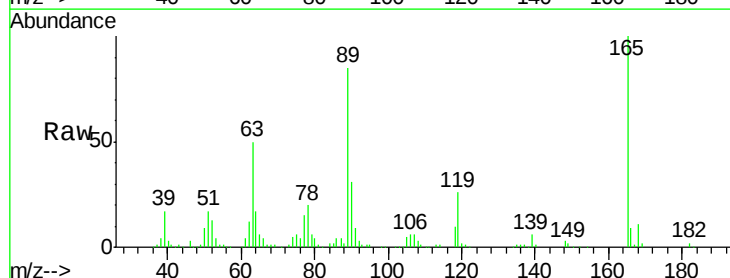
Ion Ratio Lower Upper

165 100

63 49.7 24.9 37.3#

89 85.1 41.0 61.6#

182 2.2 2.1 3.1

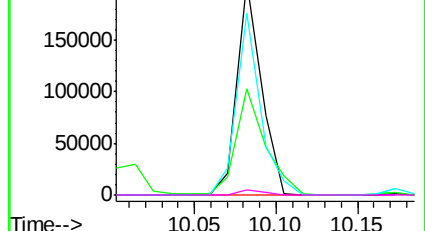
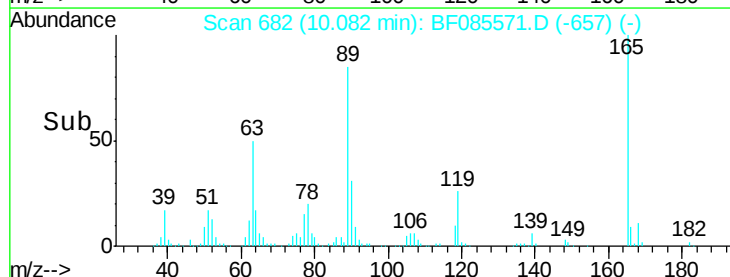


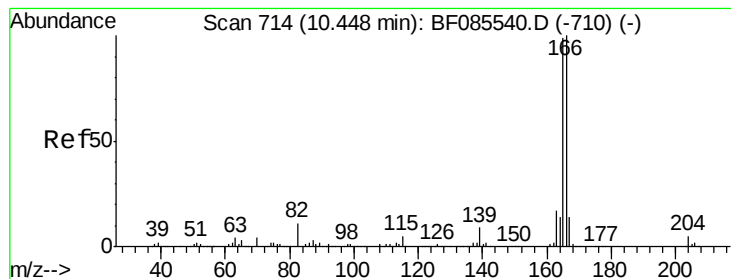
Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.94 ng

RT: 10.45 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

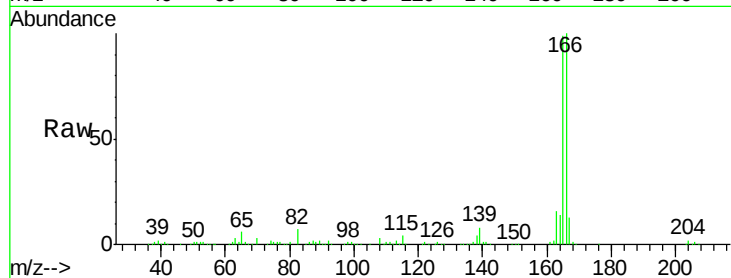
Tgt Ion:166 Resp: 685634

Ion Ratio Lower Upper

166 100

165 99.4 79.4 119.0

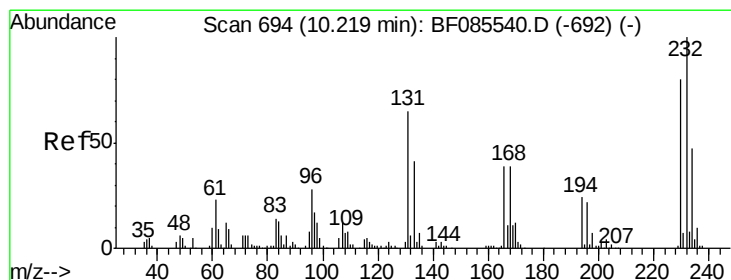
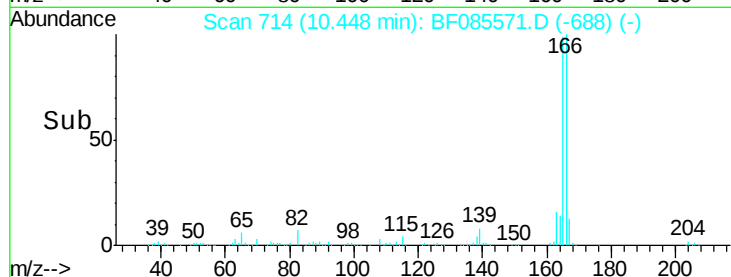
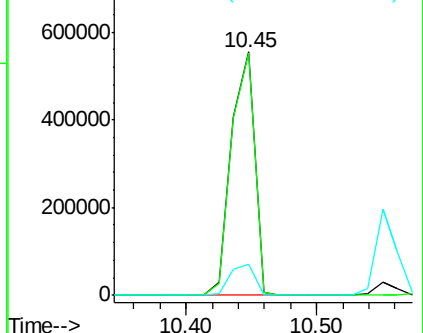
167 12.7 11.0 16.4



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: 41.32 ng

RT: 10.22 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

Tgt Ion:232 Resp: 170423

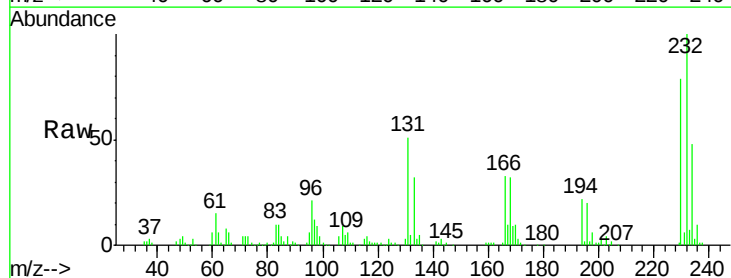
Ion Ratio Lower Upper

232 100

131 53.3 44.9 67.3

130 2.6 2.3 3.5

166 33.6 28.1 42.1

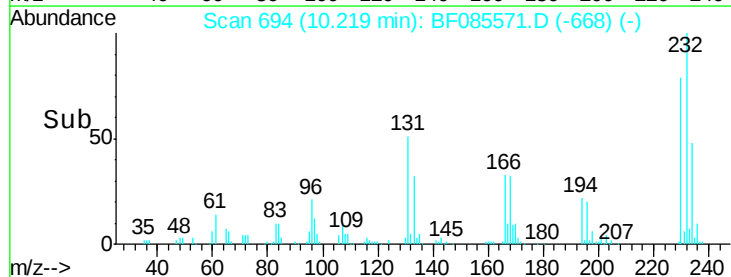
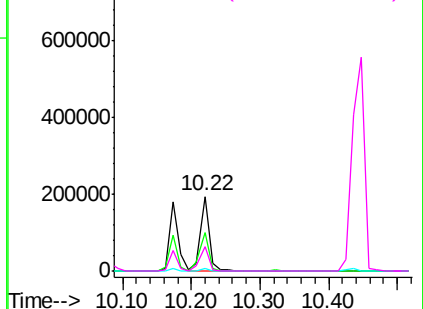


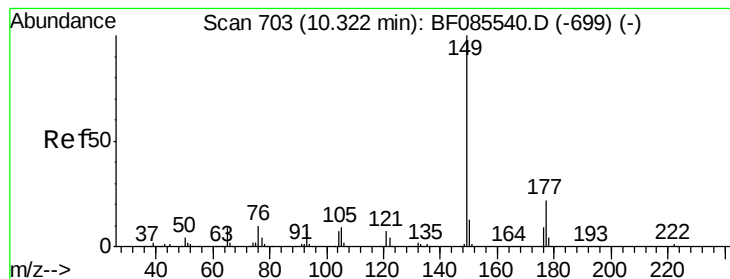
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.85 ng

RT: 10.32 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

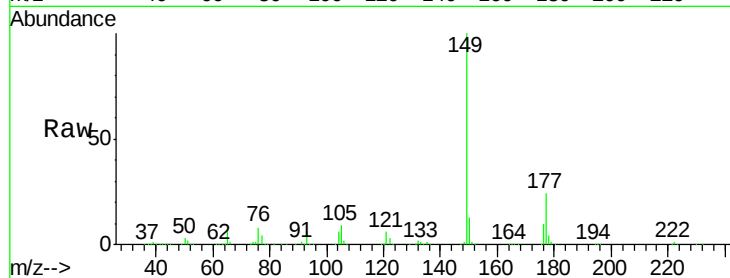
Tgt Ion:149 Resp: 830840

Ion Ratio Lower Upper

149 100

177 23.5 17.9 26.9

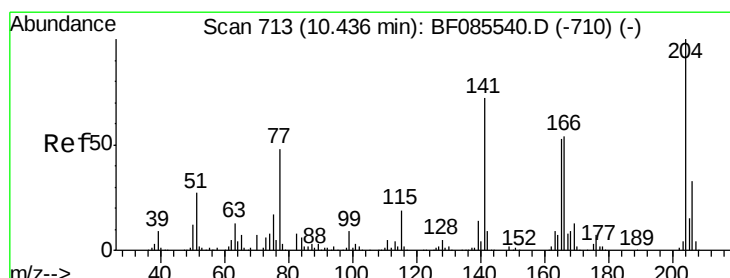
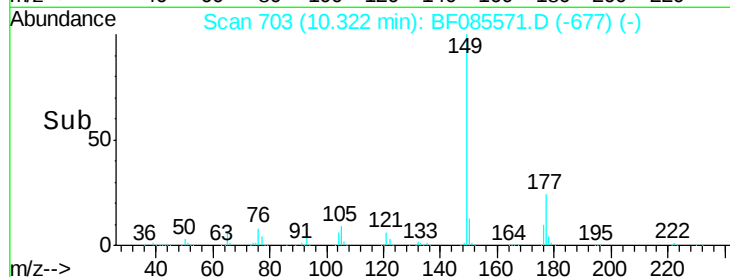
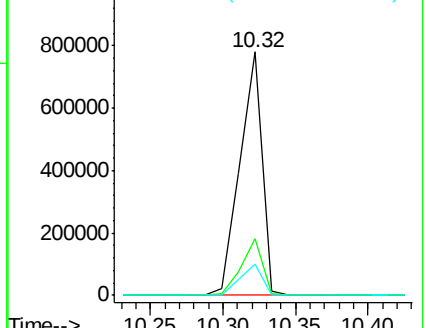
150 12.6 10.2 15.2



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: 40.82 ng

RT: 10.44 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

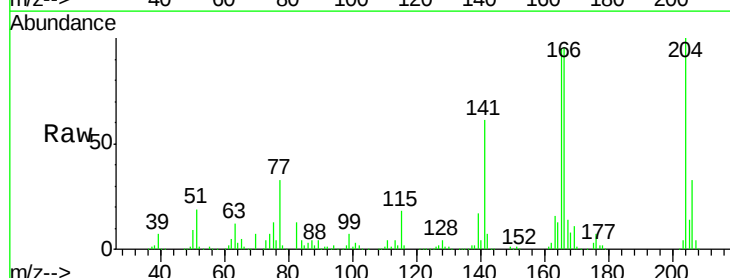
Tgt Ion:204 Resp: 350967

Ion Ratio Lower Upper

204 100

206 33.4 26.6 39.8

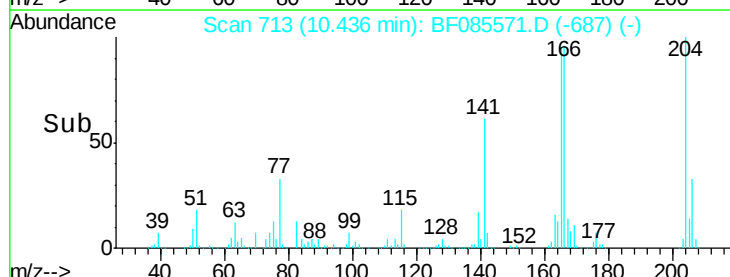
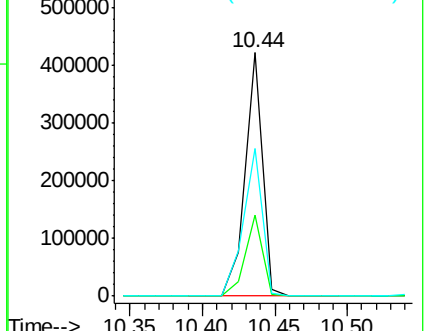
141 60.6 57.4 86.0

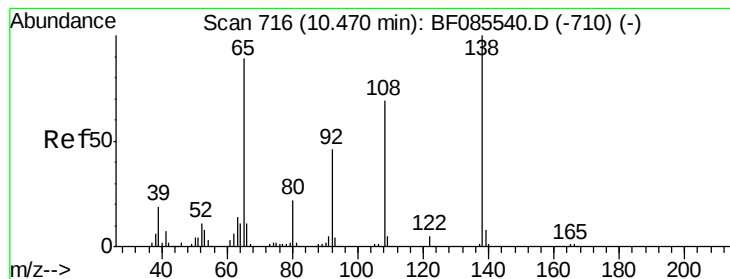


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.63 ng

RT: 10.47 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

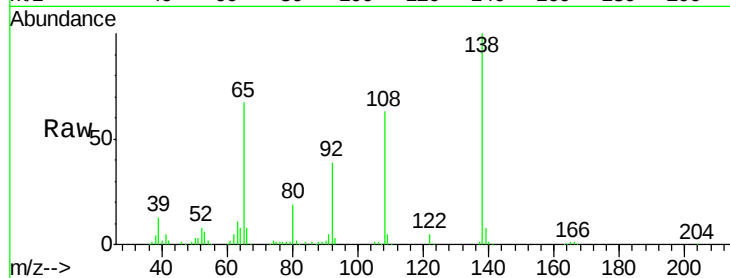
Tgt Ion:138 Resp: 211273

Ion Ratio Lower Upper

138 100

92 38.8 26.4 66.4

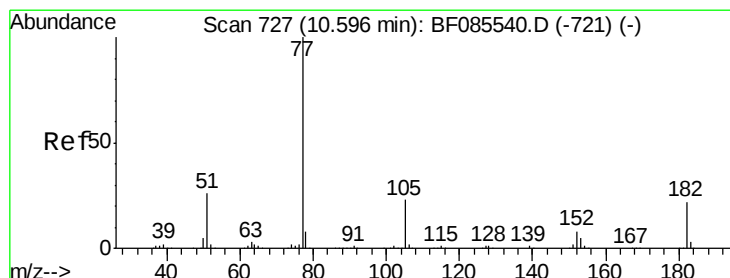
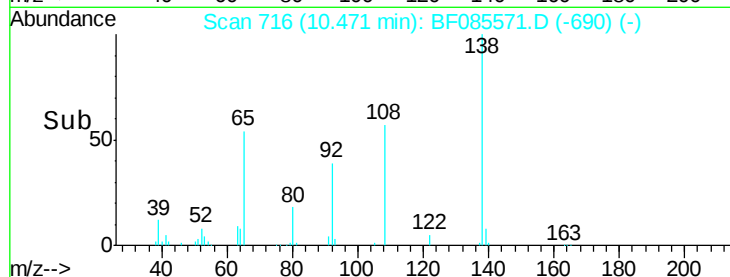
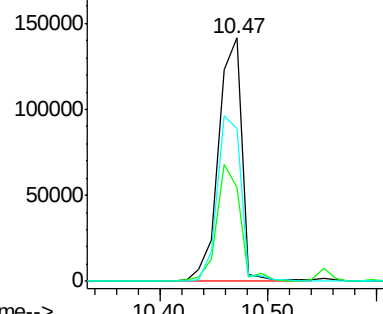
108 63.0 49.0 89.0



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: 41.10 ng

RT: 10.60 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

Tgt Ion: 77 Resp: 802168

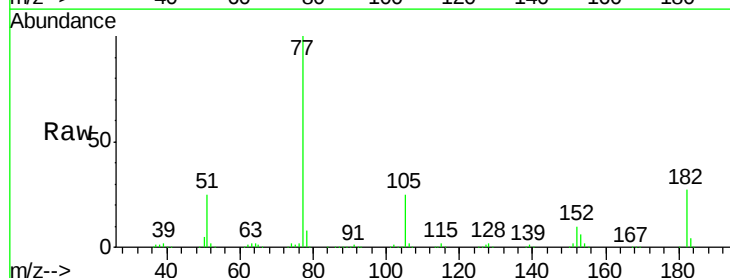
Ion Ratio Lower Upper

77 100

182 27.1 1.9 41.9

105 24.7 3.5 43.5

51 24.8 6.3 46.3

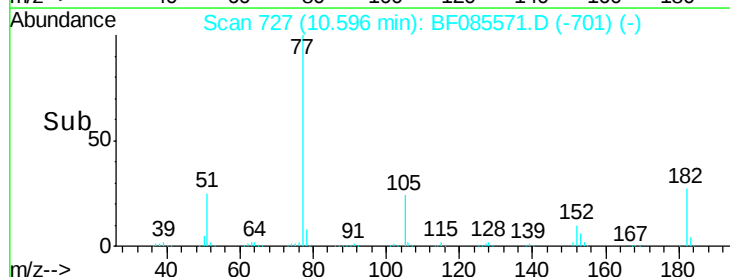
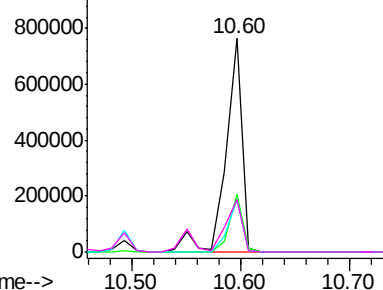


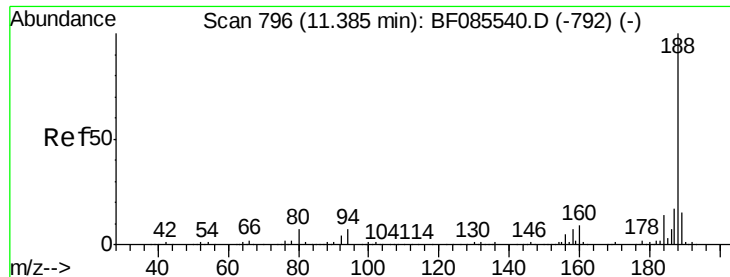
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

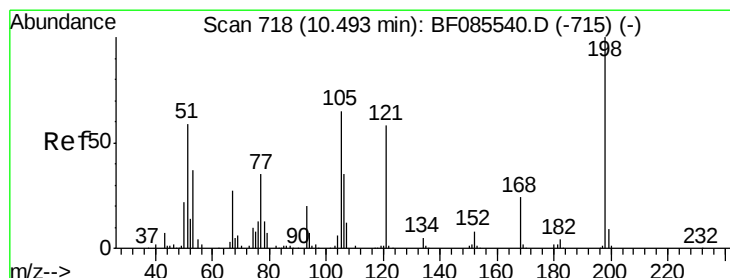
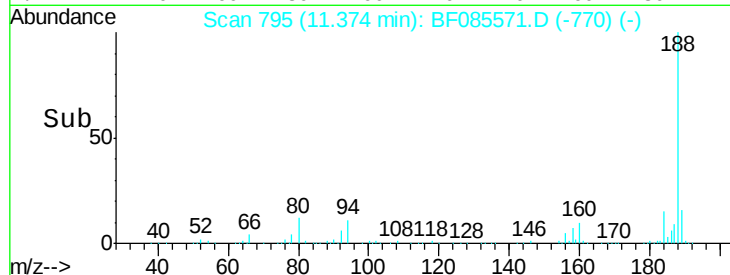
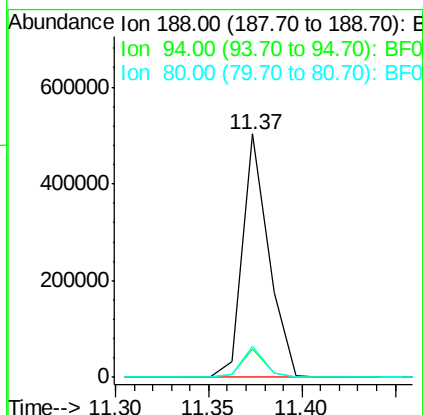
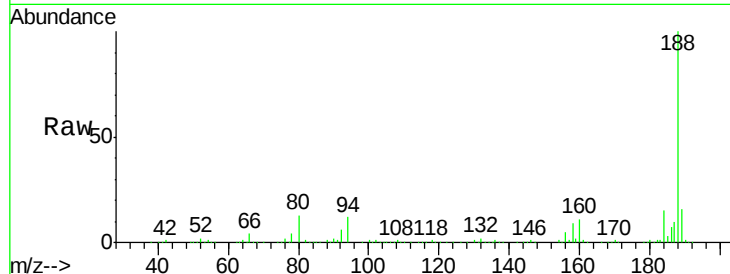




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085571.D
Acq: 19 Mar 2016 14:27

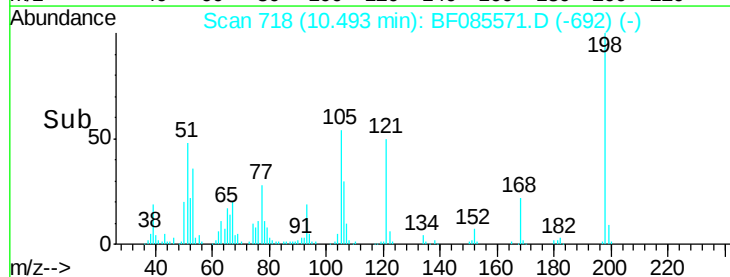
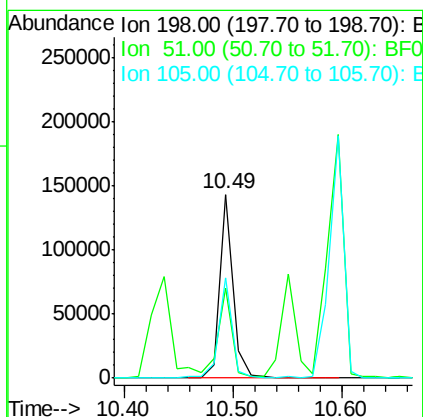
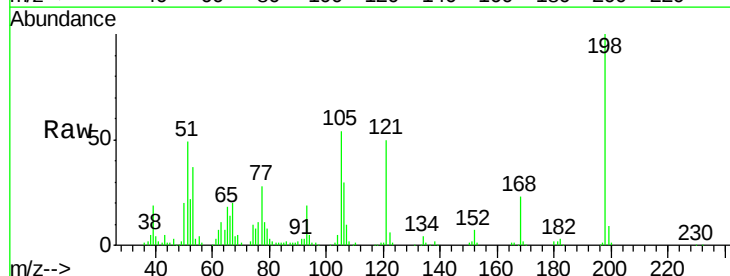
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

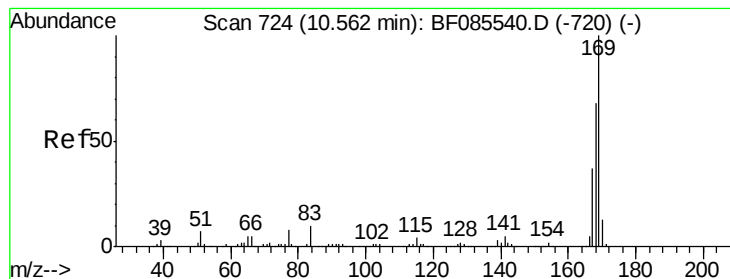
Tgt Ion:188 Resp: 490647
Ion Ratio Lower Upper
188 100
94 11.6 5.4 8.0#
80 12.6 5.5 8.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 39.22 ng
RT: 10.49 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF085571.D
Acq: 19 Mar 2016 14:27

Tgt Ion:198 Resp: 123129
Ion Ratio Lower Upper
198 100
51 48.9 45.4 85.4
105 54.5 45.9 85.9





#65

n-Nitrosodiphenylamine

Concen: 38.35 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

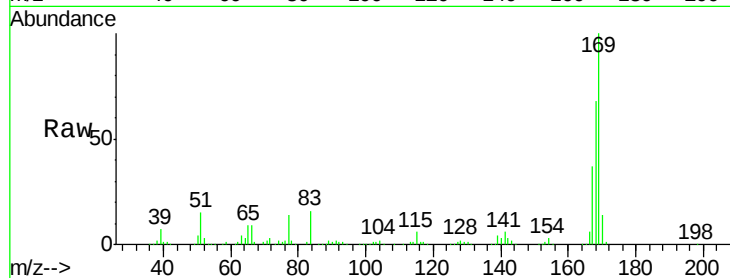
Tgt Ion:169 Resp: 586154

Ion Ratio Lower Upper

169 100

168 67.8 54.4 81.6

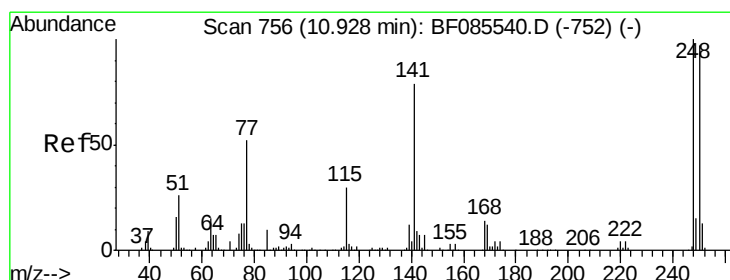
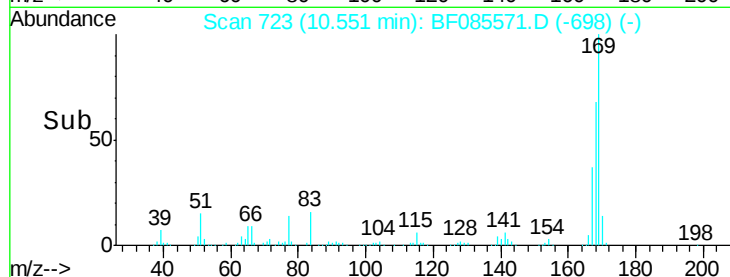
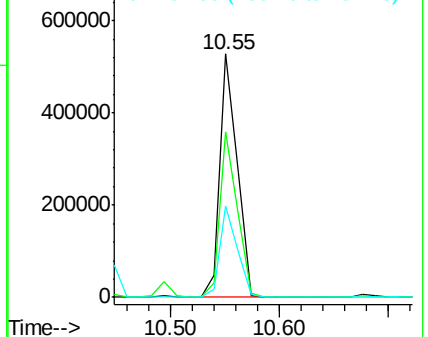
167 37.4 29.4 44.0



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: 43.84 ng

RT: 10.93 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

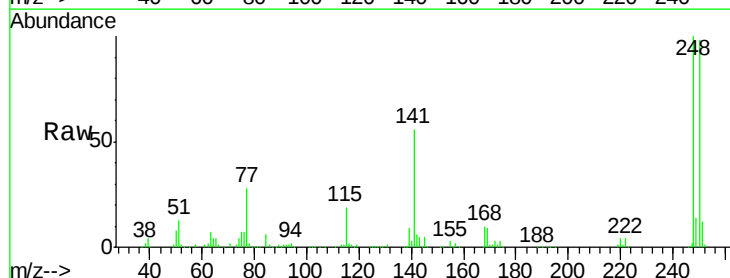
Tgt Ion:248 Resp: 214867

Ion Ratio Lower Upper

248 100

250 97.8 77.4 116.0

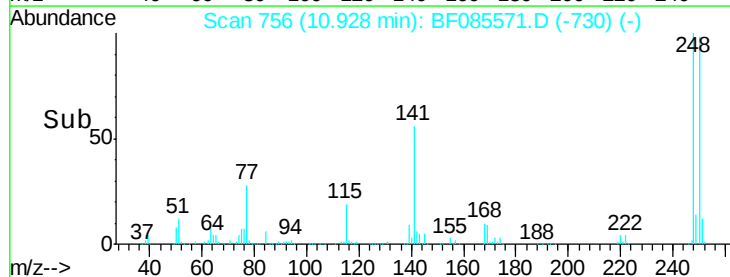
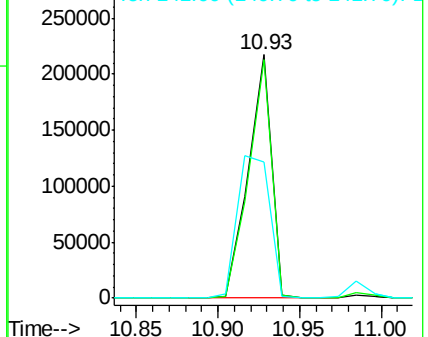
141 55.8 63.6 95.4#

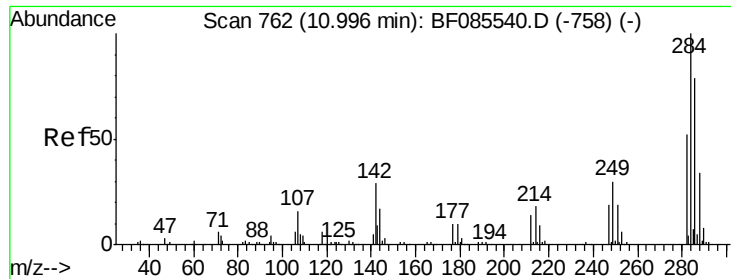


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

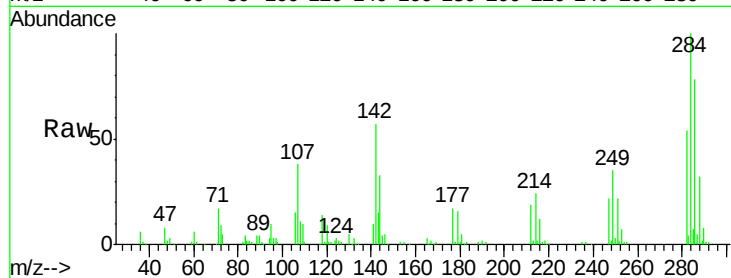




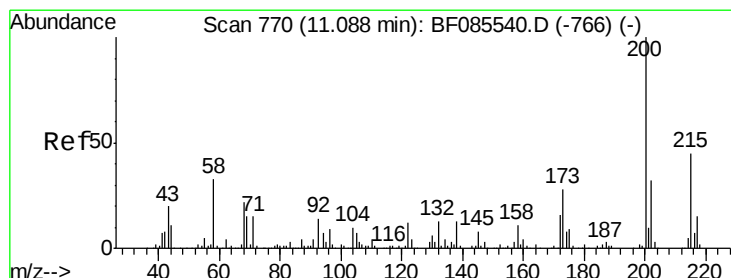
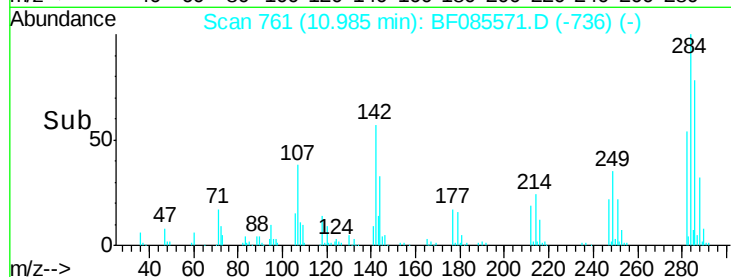
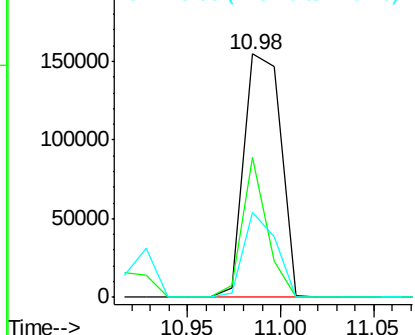
#67
Hexachlorobenzene
Concen: 40.58 ng
RT: 10.98 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF085571.D
Acq: 19 Mar 2016 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 211314
Ion Ratio Lower Upper
284 100
142 57.3 23.1 34.7#
249 35.1 24.2 36.2

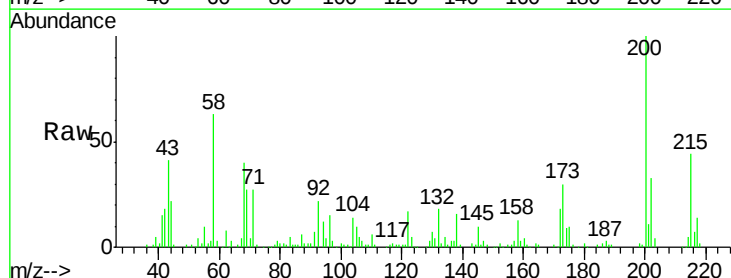


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

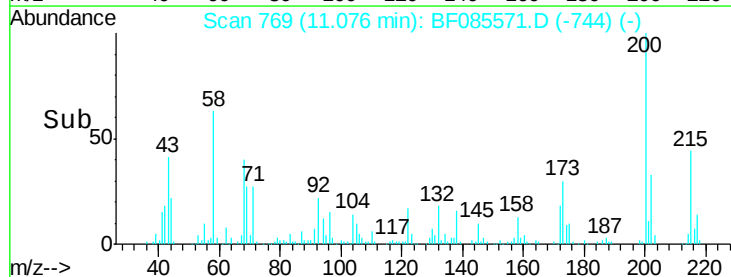
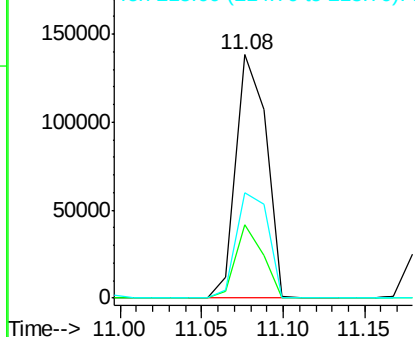


#68
Atrazine
Concen: 38.14 ng
RT: 11.08 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF085571.D
Acq: 19 Mar 2016 14:27

Tgt Ion:200 Resp: 177491
Ion Ratio Lower Upper
200 100
173 30.3 7.7 47.7
215 43.5 25.4 65.4



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

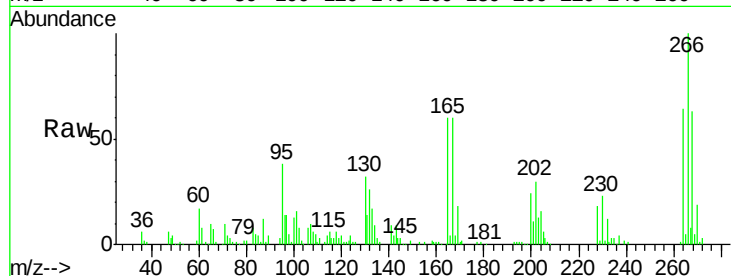




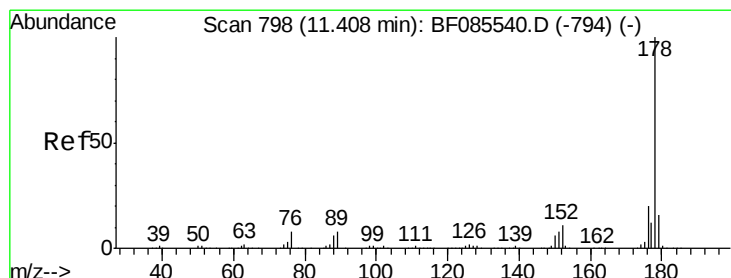
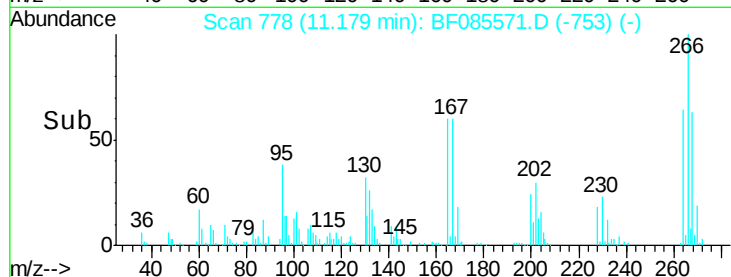
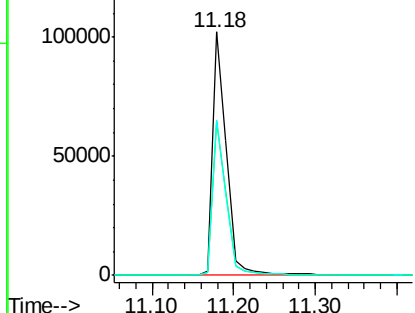
#69
 Pentachlorophenol
 Concen: 38.14 ng
 RT: 11.18 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 120571
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.5 77.3
 264 63.8 50.6 76.0

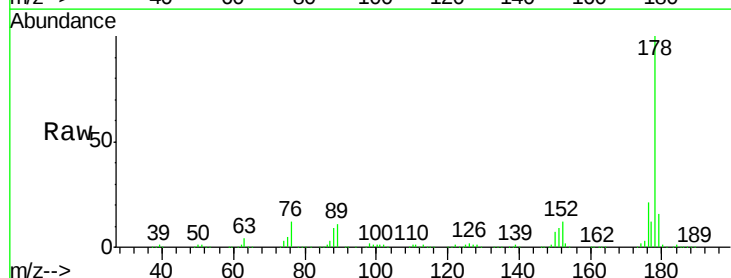


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

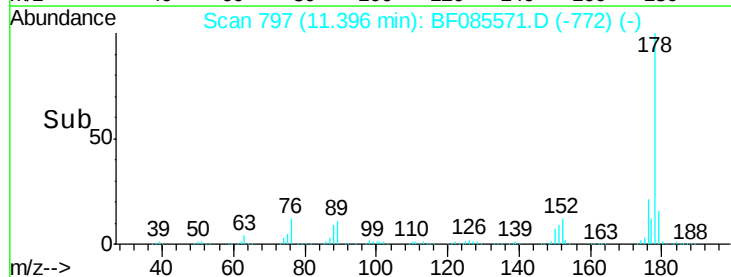
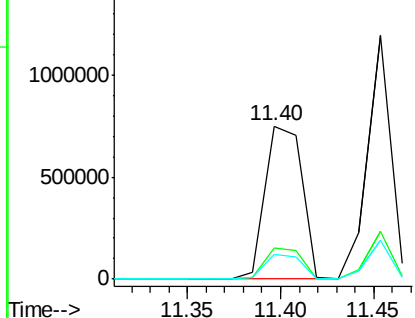


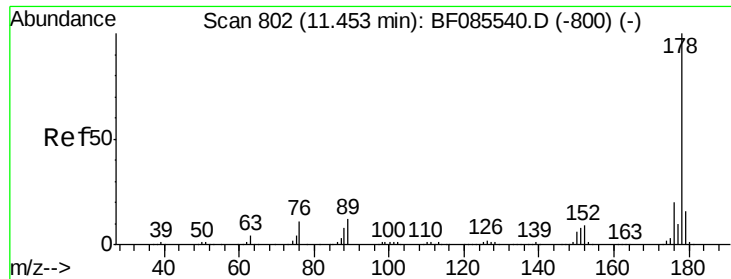
#70
 Phenanthrene
 Concen: 39.78 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

Tgt Ion:178 Resp: 1029141
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.3 24.5
 179 16.2 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

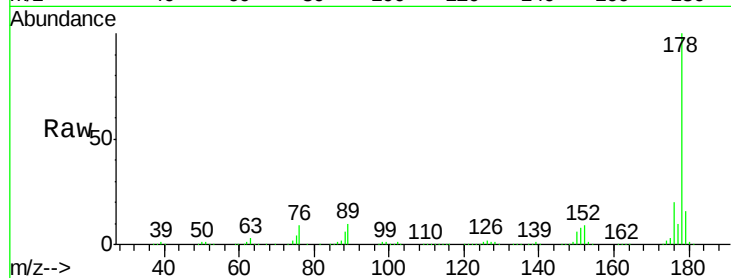




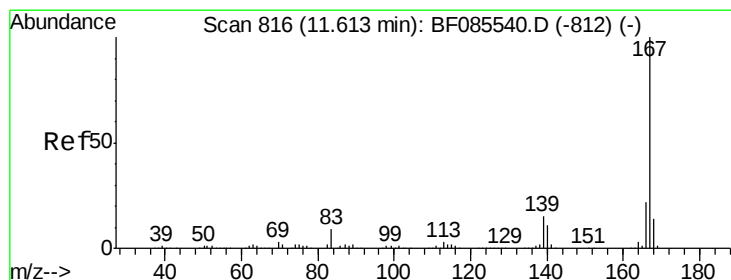
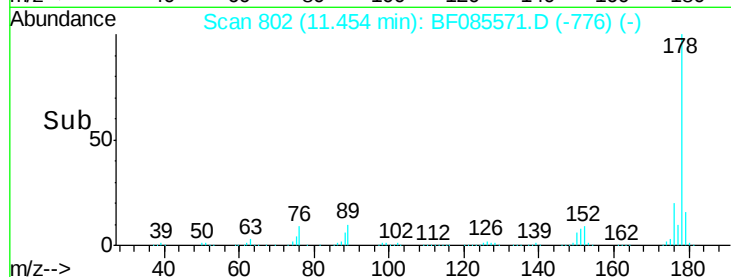
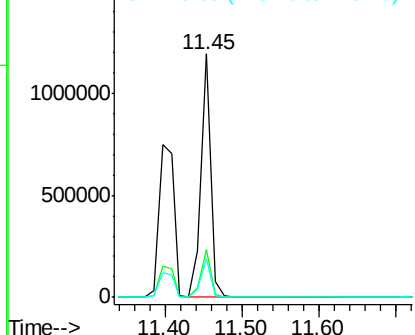
#71
 Anthracene
 Concen: 38.38 ng
 RT: 11.45 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1041052
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.9 23.9
 179 16.2 13.0 19.4

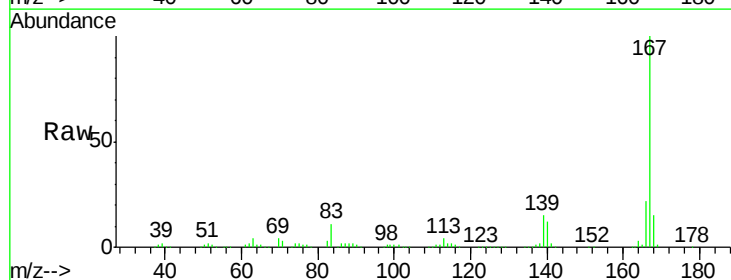


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

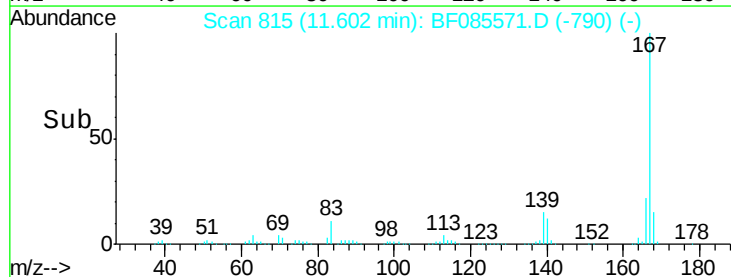
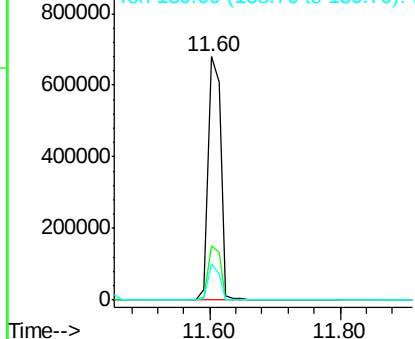


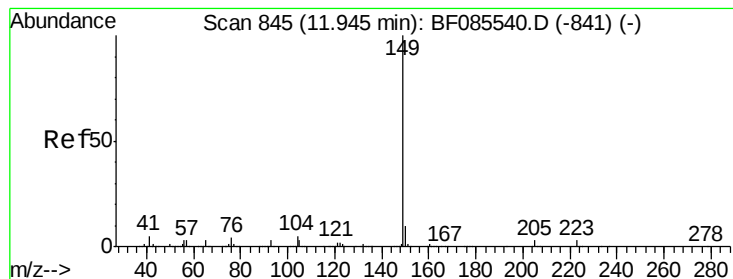
#72
 Carbazole
 Concen: 39.53 ng
 RT: 11.60 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

Tgt Ion:167 Resp: 925011
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.8
 139 15.0 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: 42.14 ng

RT: 11.95 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

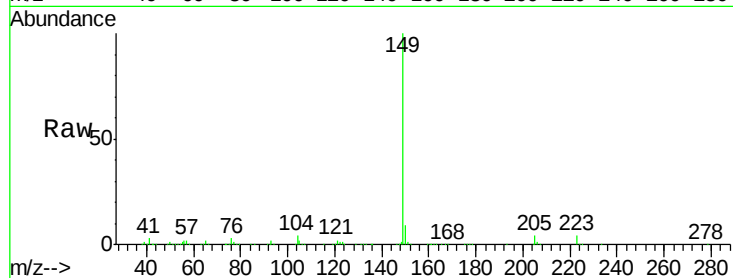
Tgt Ion:149 Resp: 1234819

Ion Ratio Lower Upper

149 100

150 9.0 7.6 11.4

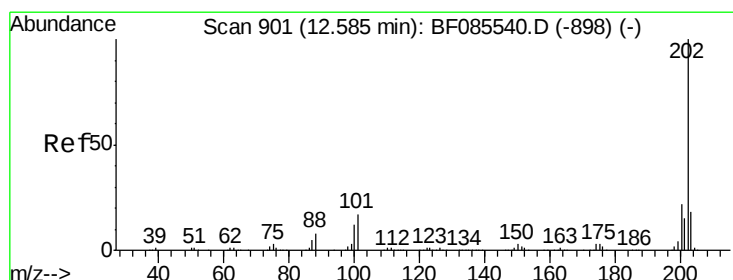
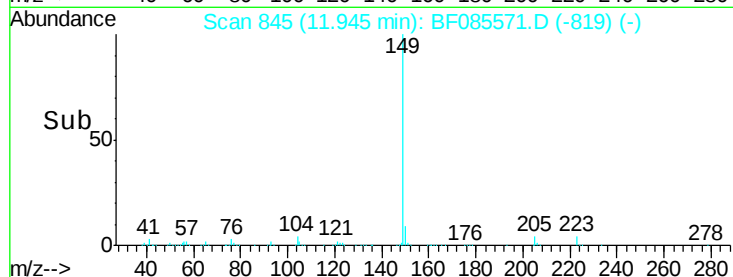
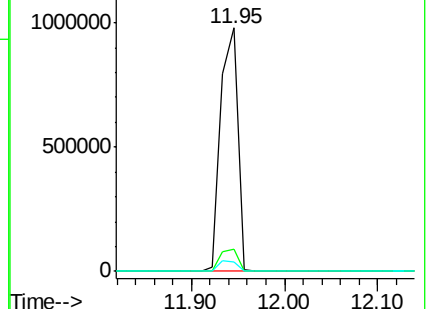
104 3.9 3.8 5.8



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: 36.04 ng

RT: 12.59 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

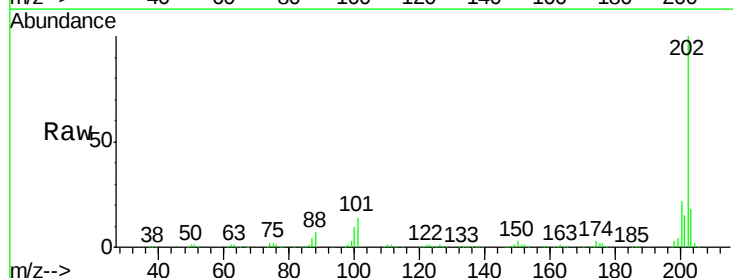
Tgt Ion:202 Resp: 976205

Ion Ratio Lower Upper

202 100

101 13.8 0.0 36.6

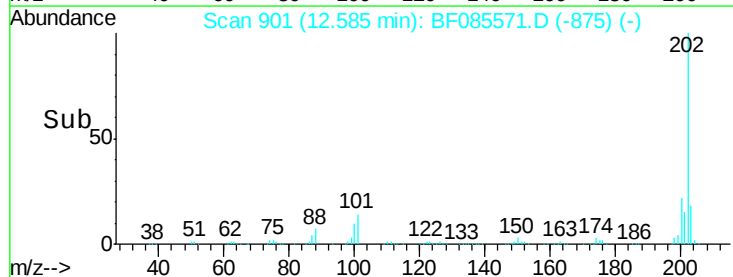
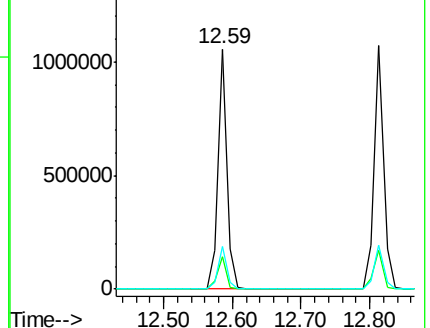
203 17.9 0.0 38.1

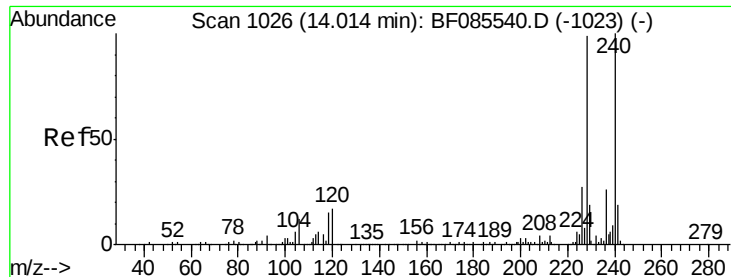


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.01 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

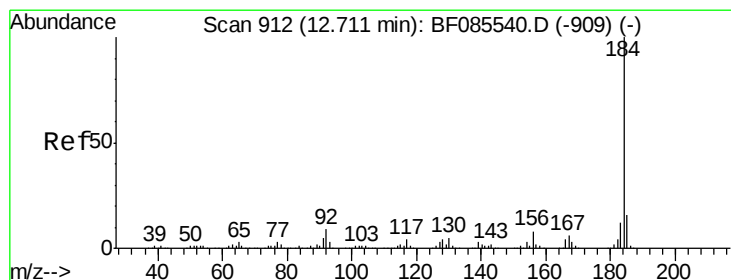
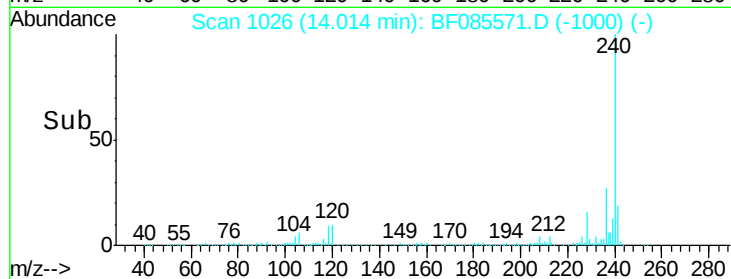
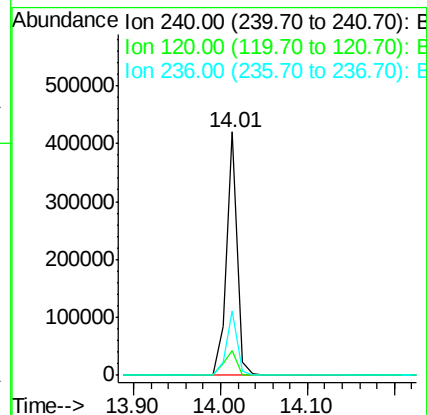
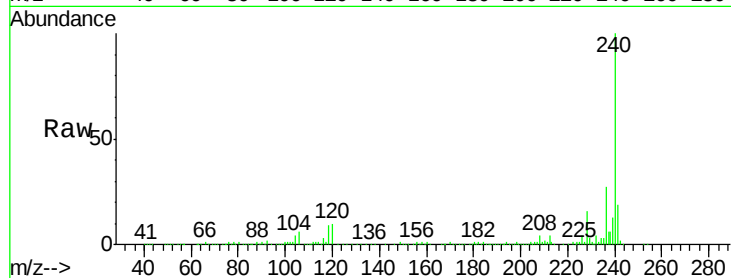
Tgt Ion:240 Resp: 368515

Ion Ratio Lower Upper

240 100

120 9.9 13.8 20.8#

236 26.6 20.6 30.8



#76

Benzidine

Concen: 41.38 ng

RT: 12.71 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

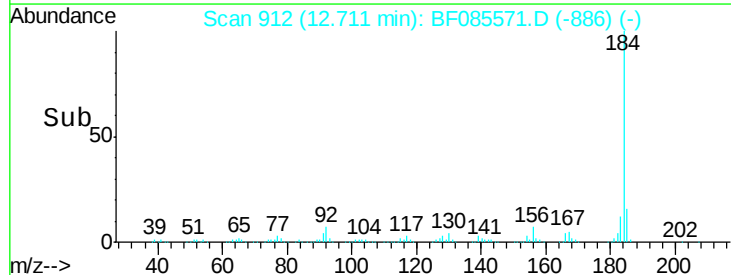
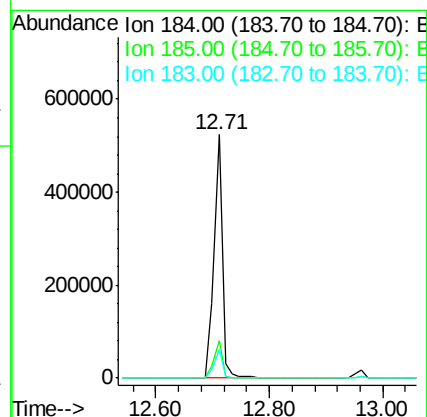
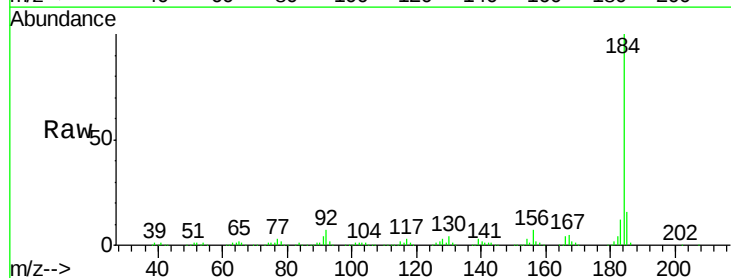
Tgt Ion:184 Resp: 512848

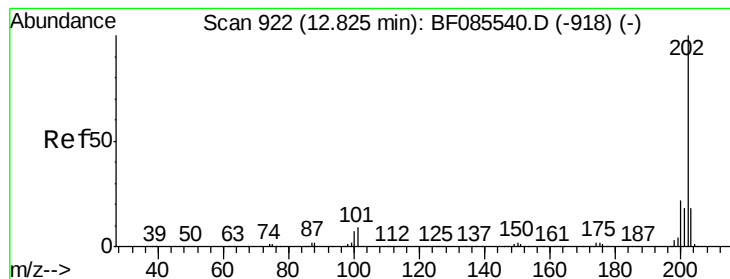
Ion Ratio Lower Upper

184 100

185 15.6 12.4 18.6

183 11.7 9.4 14.2





#77

Pyrene

Concen: 37.69 ng

RT: 12.81 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

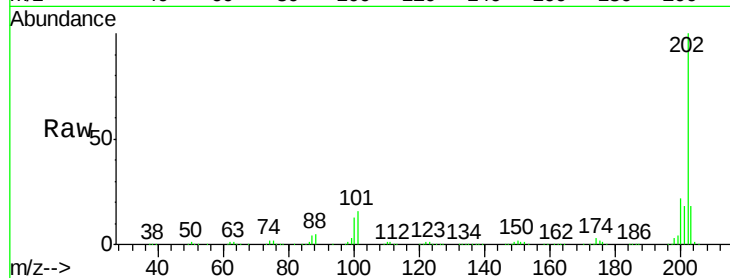
Tgt Ion: 202 Resp: 997190

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	17.9	14.0	21.0

202 100

200 22.2 17.6 26.4

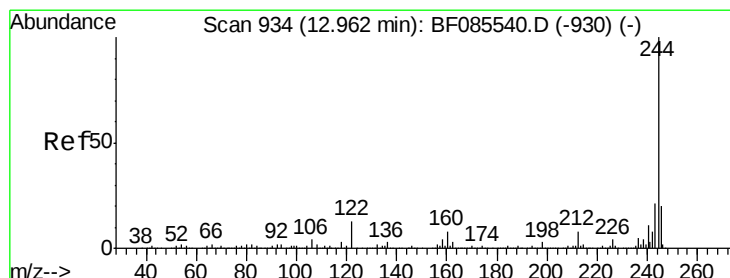
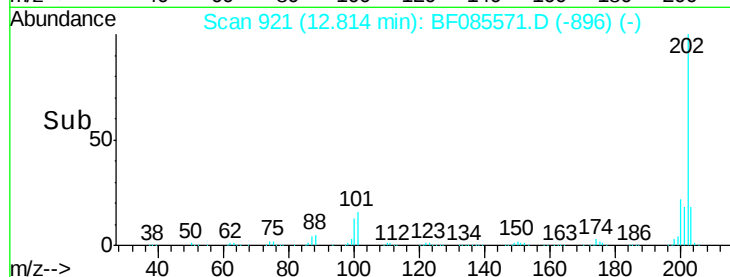
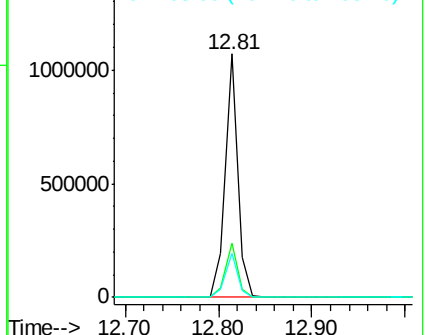
203 17.9 14.0 21.0



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: 81.72 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

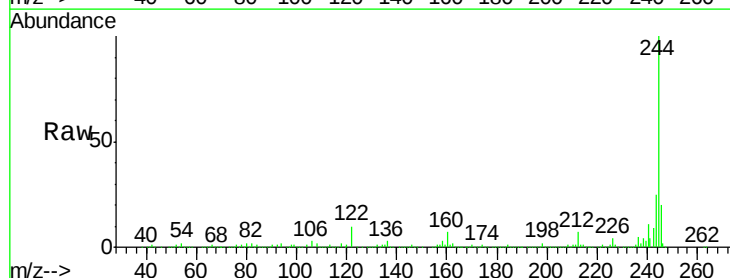
Tgt Ion: 244 Resp: 1251525

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	10.3	10.2	15.4

244 100

212 7.2 6.1 9.1

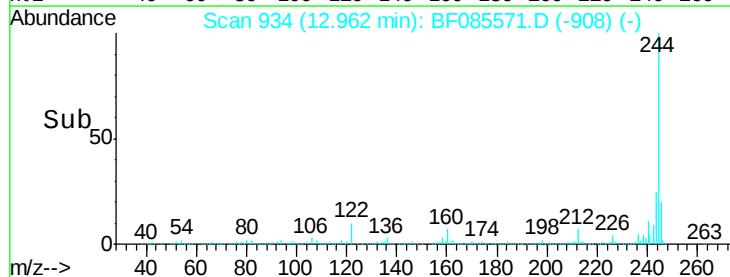
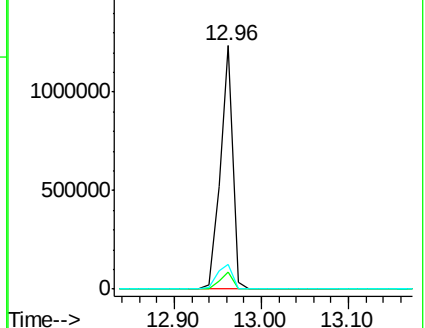
122 10.3 10.2 15.4

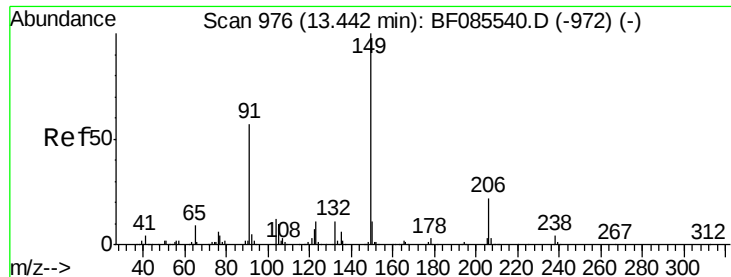


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

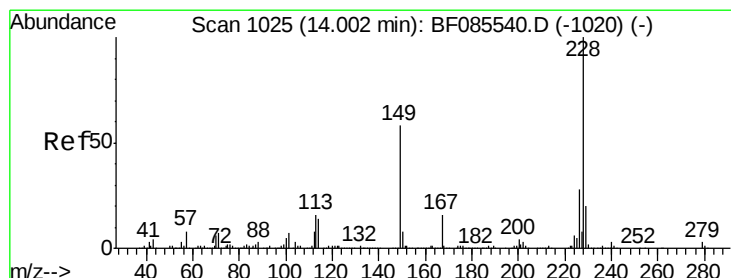
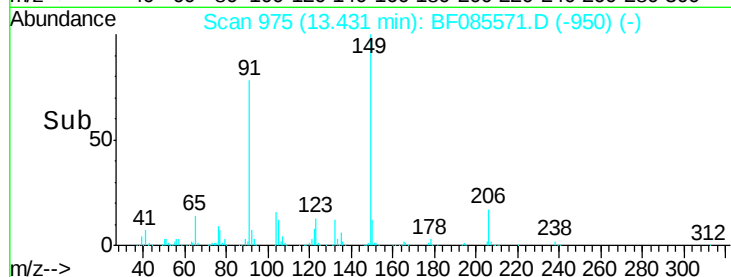
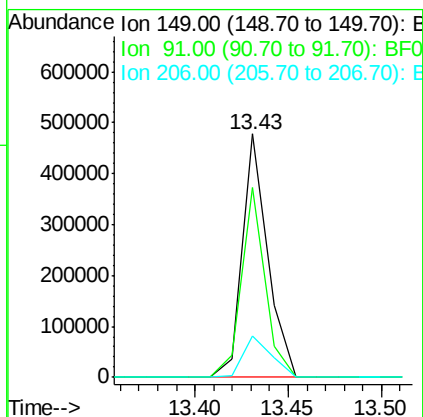
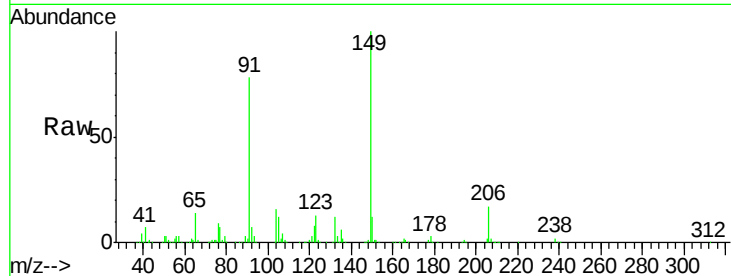




#79
Butylbenzylphthalate
Concen: 35.77 ng
RT: 13.43 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF085571.D
Acq: 19 Mar 2016 14:27

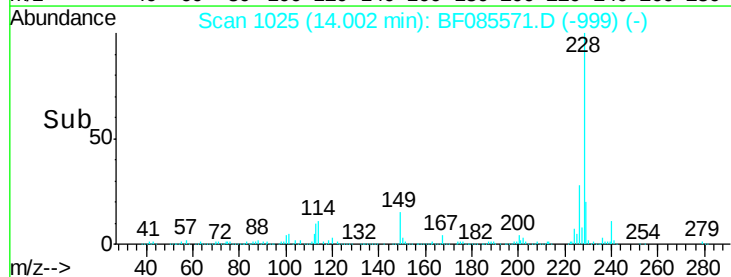
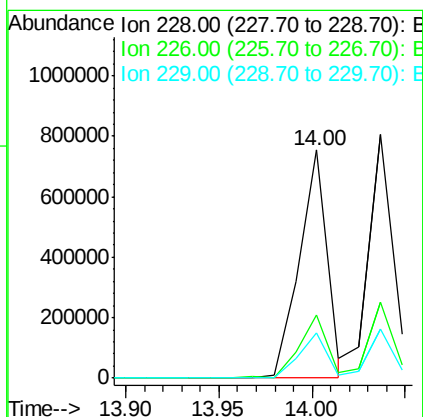
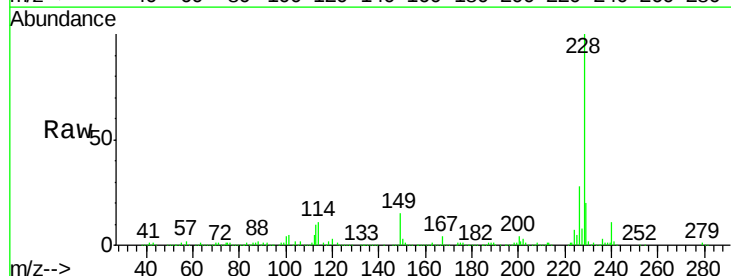
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

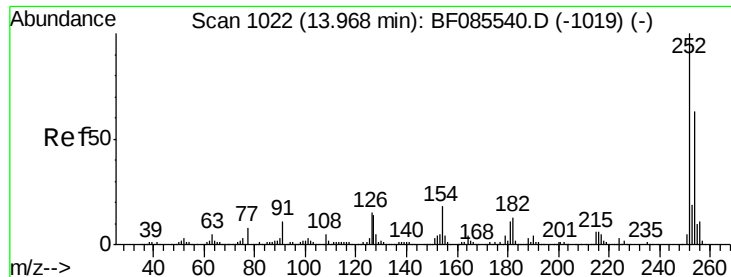
Tgt Ion:149 Resp: 451196
Ion Ratio Lower Upper
149 100
91 77.9 45.8 68.8#
206 16.7 17.8 26.8#



#80
Benzo(a)anthracene
Concen: 36.84 ng
RT: 14.00 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF085571.D
Acq: 19 Mar 2016 14:27

Tgt Ion:228 Resp: 788140
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 19.9 16.2 24.4

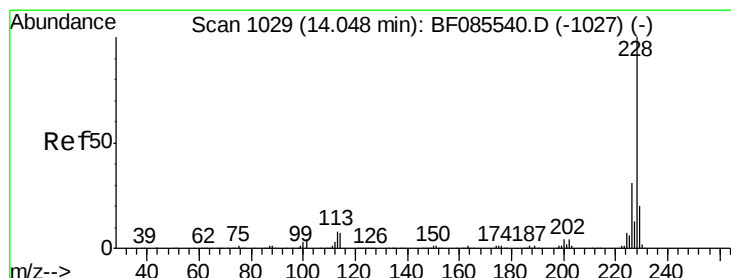
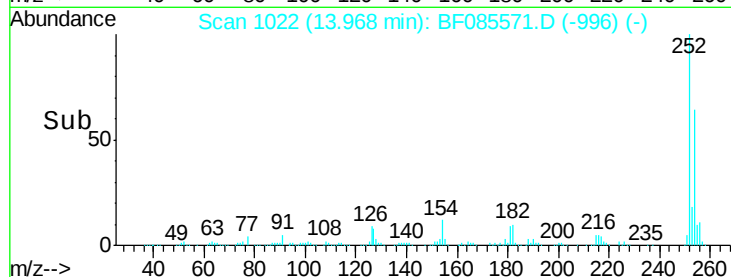
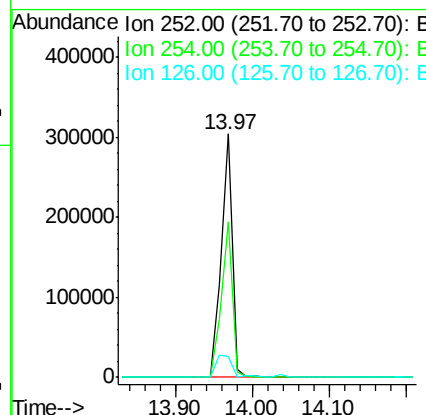
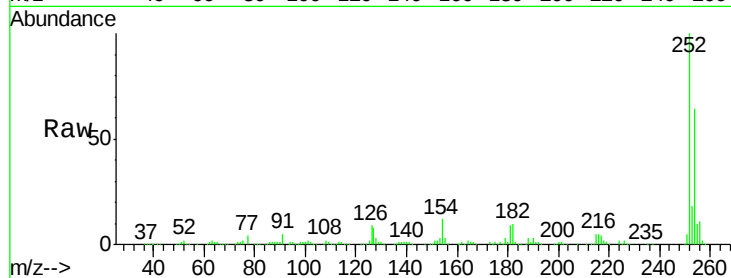




#81
 3,3'-Dichlorobenzidine
 Concen: 38.42 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

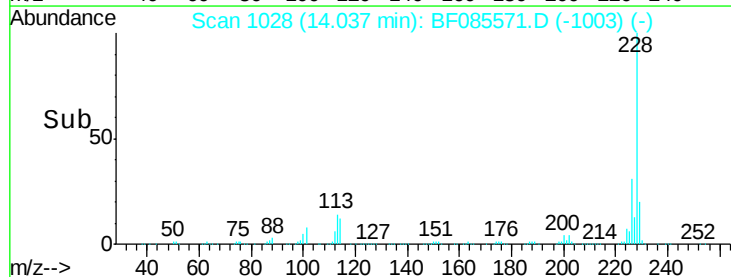
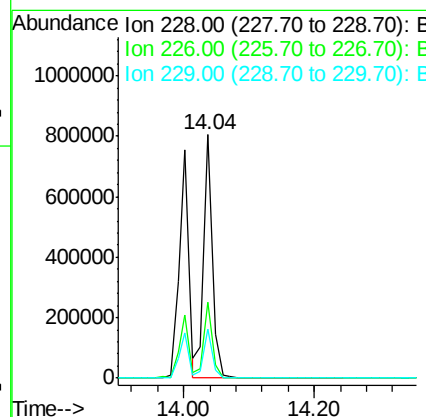
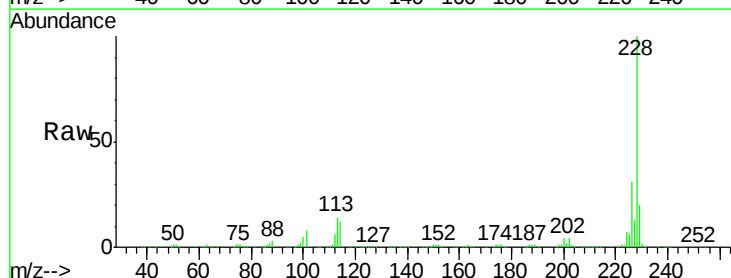
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

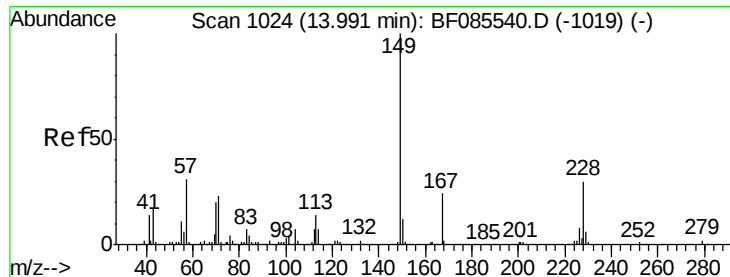
Tgt Ion:252 Resp: 301185
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.7 76.1
 126 8.7 11.8 17.6#



#82
 Chrysene
 Concen: 35.96 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

Tgt Ion:228 Resp: 740185
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.0 37.6
 229 20.0 15.7 23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.49 ng

RT: 13.99 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

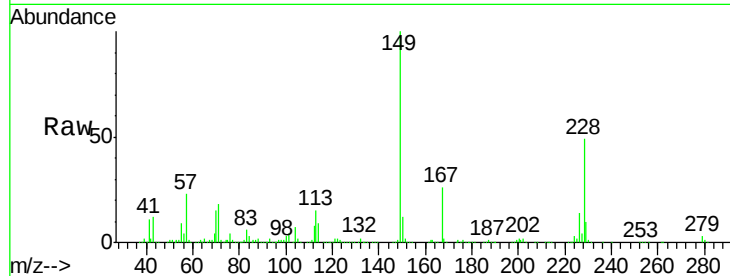
Tgt Ion:149 Resp: 571818

Ion Ratio Lower Upper

149 100

167 25.9 19.4 29.2

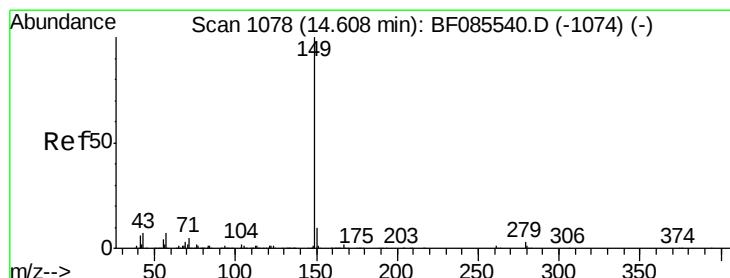
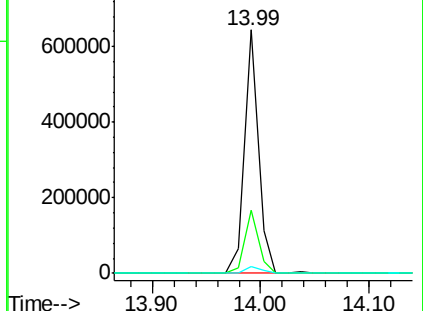
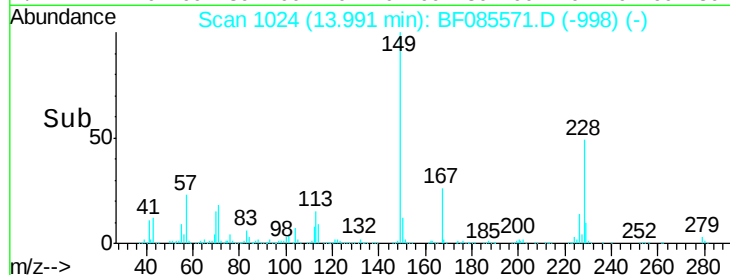
279 2.9 1.5 2.3#



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: 36.73 ng

RT: 14.60 min Scan# 1077

Delta R.T. -0.01 min

Lab File: BF085571.D

Acq: 19 Mar 2016 14:27

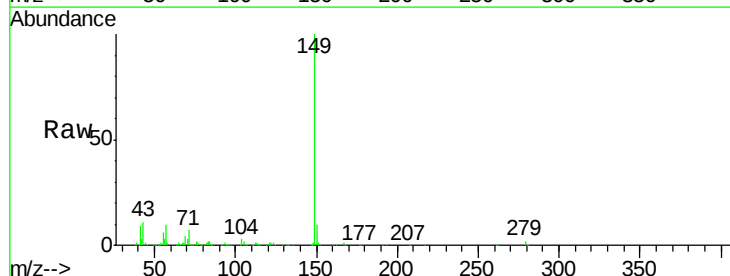
Tgt Ion:149 Resp: 937939

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

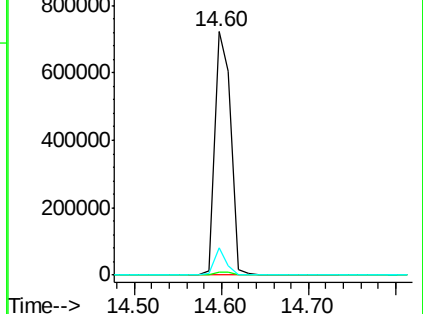
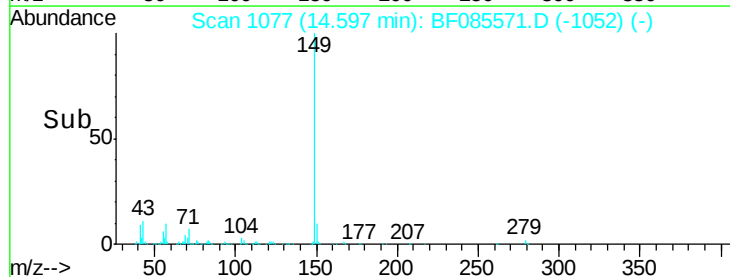
43 8.6 7.1 10.7

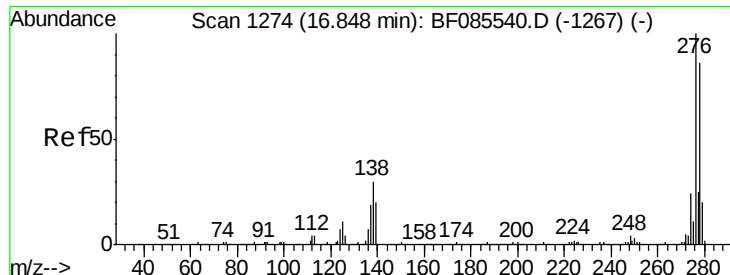


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

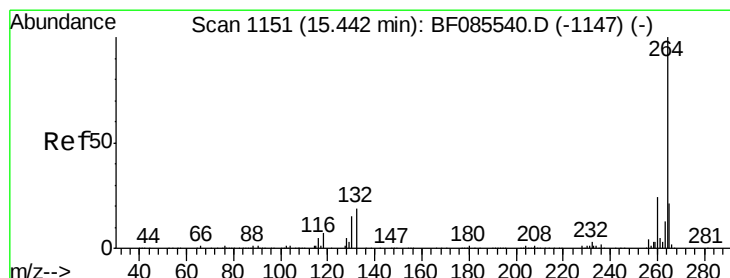
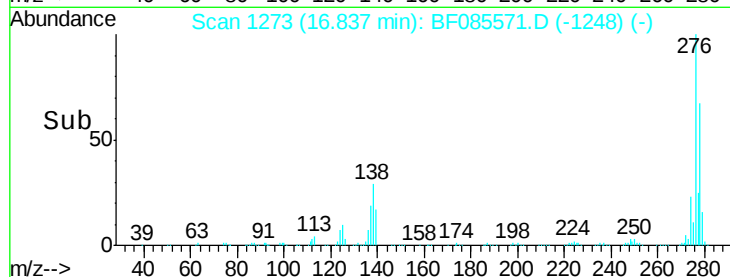
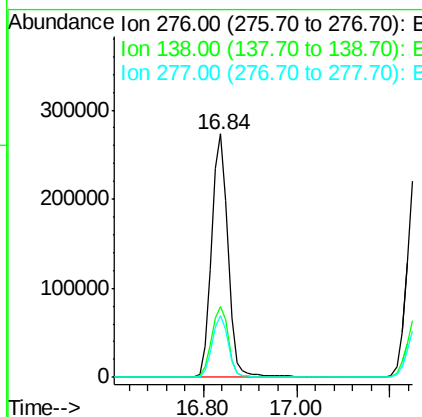
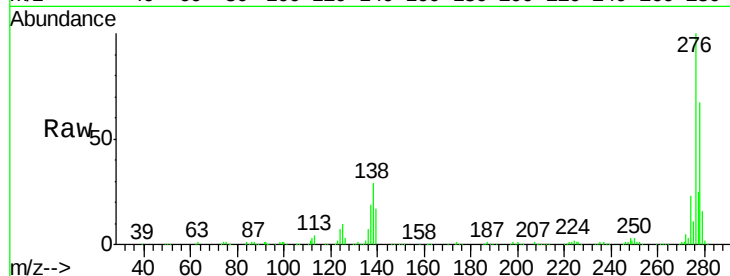




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.25 ng
 RT: 16.84 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

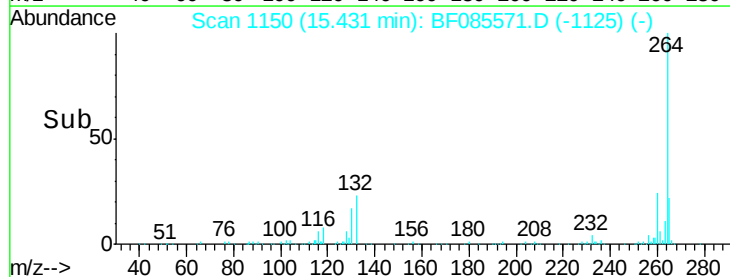
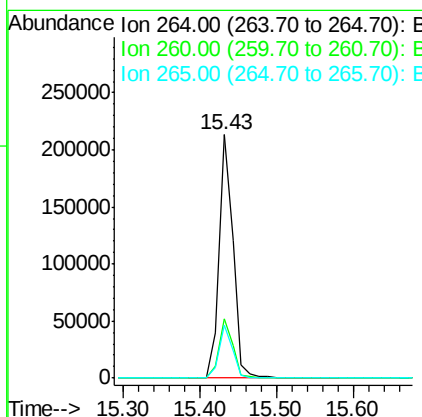
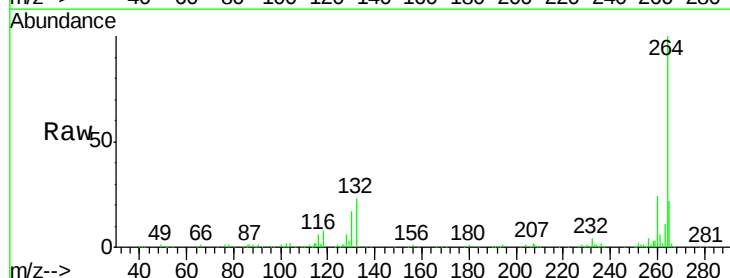
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

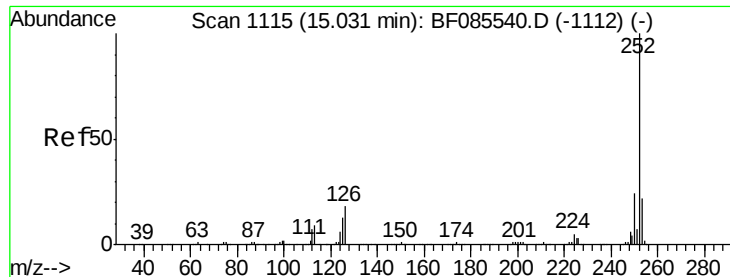
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.9	24.2	36.4
277	25.1	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF085571.D
 Acq: 19 Mar 2016 14:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.8	17.2	25.8

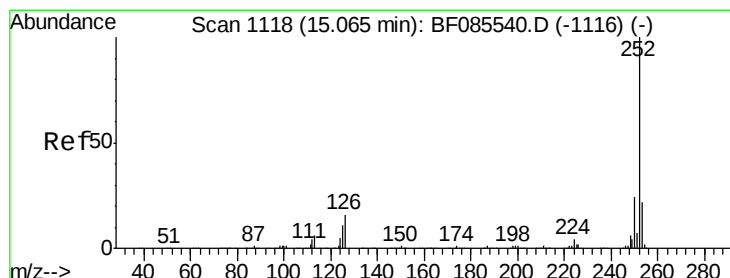
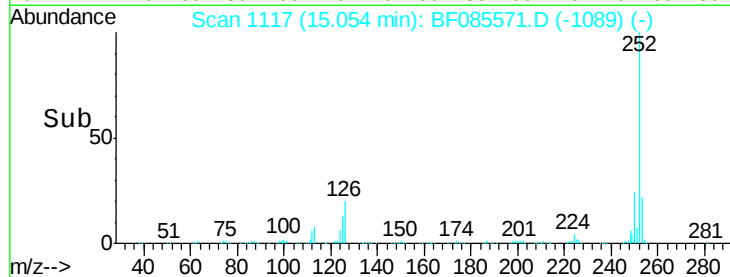
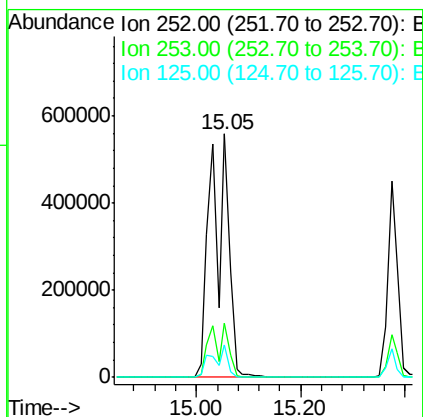
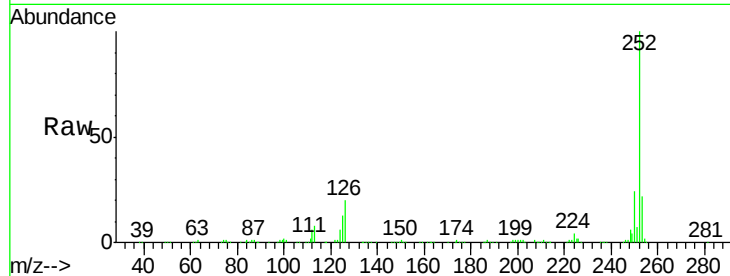




#87
Benzo(b)fluoranthene
Concen: 74.04 ng
RT: 15.05 min Scan# 1117
Delta R.T. 0.02 min
Lab File: BF085571.D
Acq: 19 Mar 2016 14:27

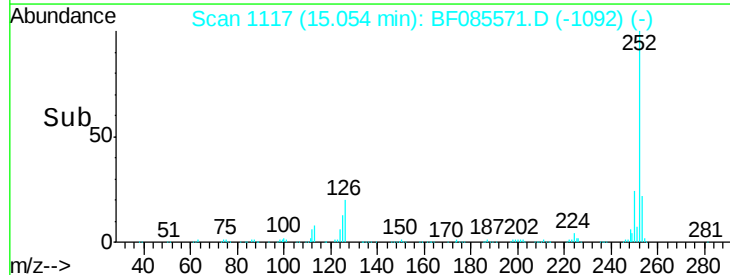
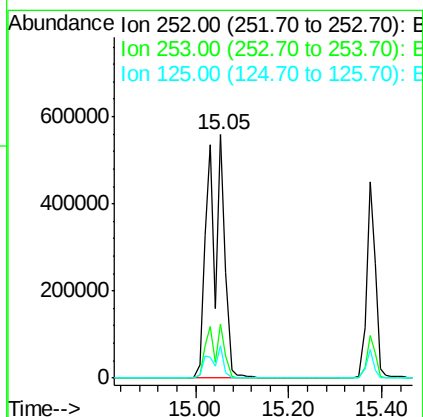
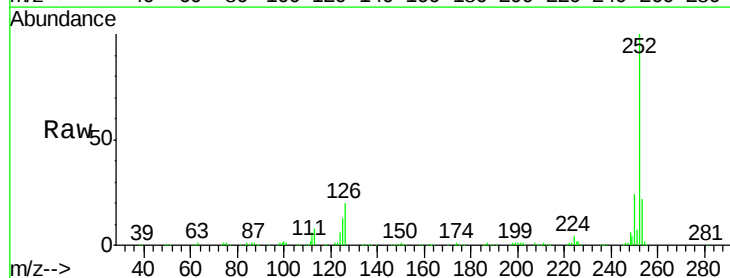
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

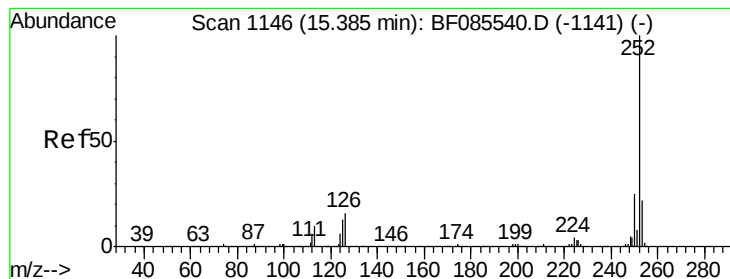
Tgt Ion:252 Resp: 1309364
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 13.3 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 89.93 ng
RT: 15.05 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF085571.D
Acq: 19 Mar 2016 14:27

Tgt Ion:252 Resp: 1310211
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 13.3 7.7 11.5#

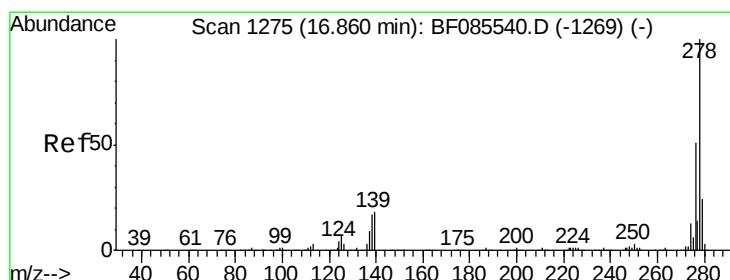
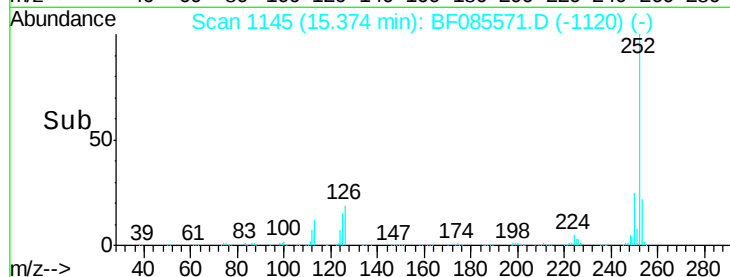
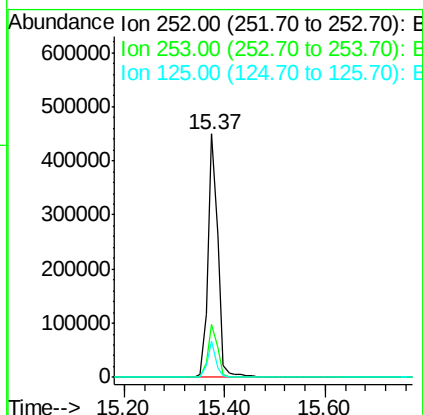
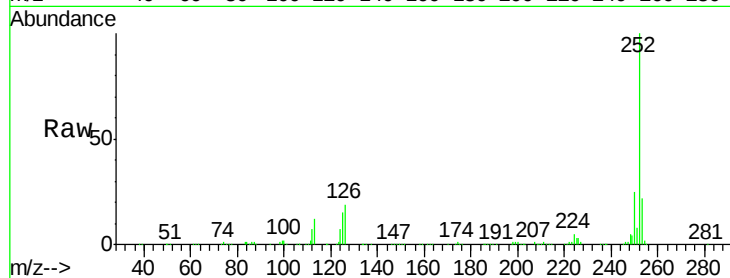




#89
Benzo(a)pyrene
Concen: 40.37 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF085571.D
Acq: 19 Mar 2016 14:27

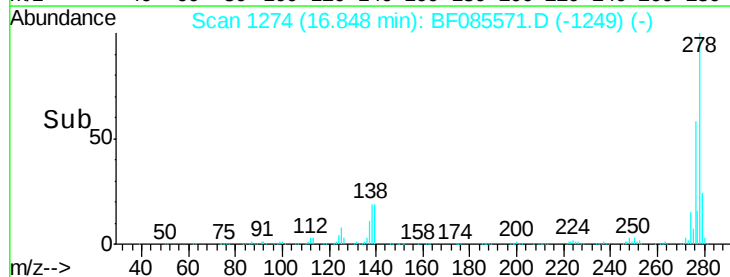
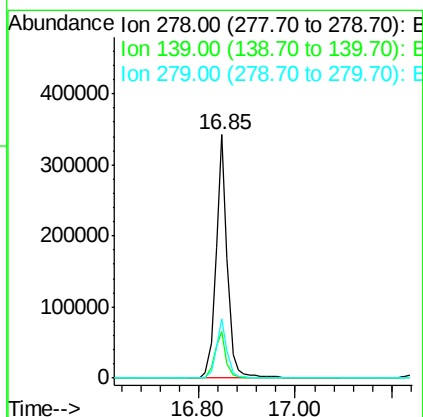
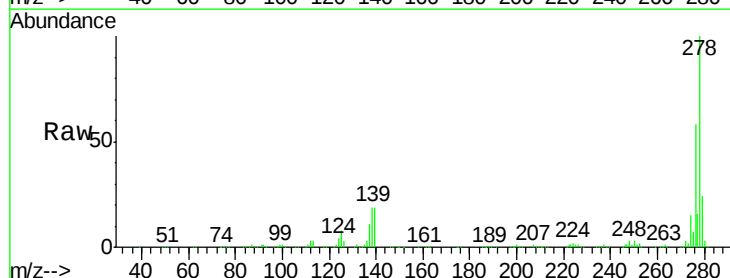
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

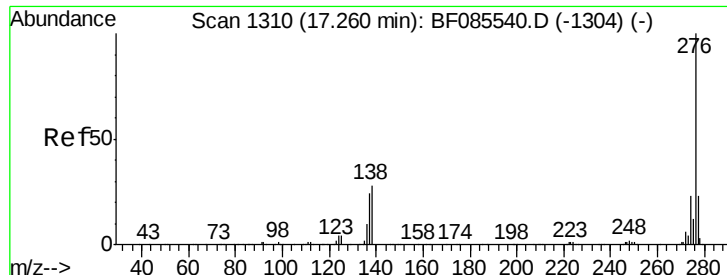
Tgt Ion:252 Resp: 605239
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 14.7 10.3 15.5



#90
Dibenzo(a,h)anthracene
Concen: 45.32 ng
RT: 16.85 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF085571.D
Acq: 19 Mar 2016 14:27

Tgt Ion:278 Resp: 566748
Ion Ratio Lower Upper
278 100
139 18.9 14.4 21.6
279 24.2 19.1 28.7





#91

Benzo(g,h,i)perylene

Concen: 46.94 ng

RT: 17.26 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF085571.D

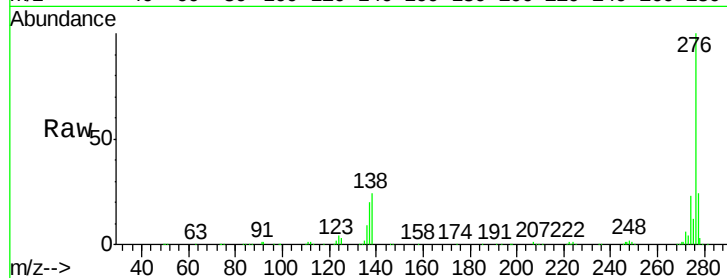
Acq: 19 Mar 2016 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



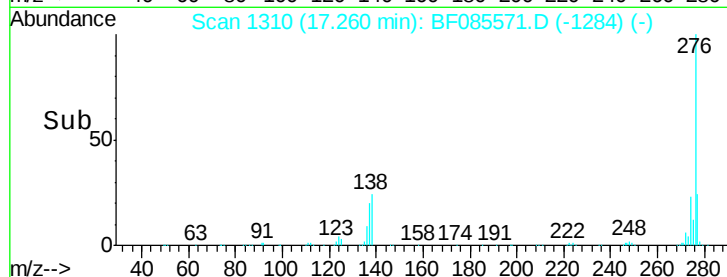
Tgt Ion: 276 Resp: 568145

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 23.6 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

