

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085795.D
 Acq On : 28 Mar 2016 12:08
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 29 03:30:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	124545	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	512203	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	230165	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	408512	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	276079	20.00	ng	0.00
86) Perylene-d12	15.40	264	199146	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	590565	78.97	ng	0.00
7) Phenol-d6	6.46	99	752648	79.16	ng	0.00
23) Nitrobenzene-d5	7.38	82	726404	79.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	191550	87.59	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1185148	86.03	ng	0.00
78) Terphenyl-d14	12.93	244	1050116	78.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	157465	44.10	ng	99
3) Pyridine	3.10	79	342377	39.99	ng	99
4) n-Nitrosodimethylamine	3.04	42	157670	46.01	ng	95
6) Aniline	6.48	93	520750	40.69	ng	98
8) 2-Chlorophenol	6.61	128	367544	42.30	ng	95
9) Benzaldehyde	6.37	77	223048	38.93	ng	94
10) Phenol	6.47	94	433192	40.21	ng	87
11) bis(2-Chloroethyl)ether	6.56	93	353291	42.62	ng	96
12) 1,3-Dichlorobenzene	7.00	146	347128	37.10	ng	99
13) 1,4-Dichlorobenzene	6.84	146	396605	41.80	ng	97
14) 1,2-Dichlorobenzene	7.00	146	347951	39.35	ng	95
15) Benzyl Alcohol	6.96	79	248359	39.15	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	436379	39.68	ng	96
17) 2-Methylphenol	7.09	107	295800	42.52	ng	98
18) Hexachloroethane	7.33	117	142798	41.10	ng	# 85
19) n-Nitroso-di-n-propylamine	7.24	70	220467	38.73	ng	# 91
20) 3+4-Methylphenols	7.24	107	318479	38.08	ng	91
22) Acetophenone	7.24	105	463620	38.85	ng	# 97
24) Nitrobenzene	7.41	77	385845	41.15	ng	98
25) Isophorone	7.65	82	673148	38.42	ng	98
26) 2-Nitrophenol	7.73	139	206108	43.94	ng	95
27) 2,4-Dimethylphenol	7.76	122	317449	38.72	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	406971	40.76	ng	99
29) 2,4-Dichlorophenol	7.97	162	277793	40.30	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	299313	39.12	ng	97
31) Naphthalene	8.13	128	990818	38.39	ng	100
32) Benzoic acid	7.90	122	238719	43.84	ng	99
33) 4-Chloroaniline	8.18	127	421013	39.95	ng	98
34) Hexachlorobutadiene	8.24	225	157234	37.81	ng	99
35) Caprolactam	8.56	113	83970	34.39	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	291425	36.20	ng	94
37) 2-Methylnaphthalene	8.82	142	629260	40.90	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	264308	38.72	ng	99
40) Hexachlorocyclopentadiene	8.97	237	94382	38.56	ng	99

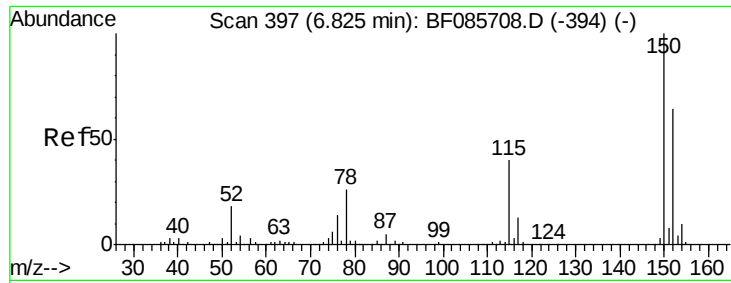
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	185450	40.23	ng	99
43) 2,4,5-Trichlorophenol	9.14	196	200145	41.40	ng	# 92
45) 1,1'-Biphenyl	9.28	154	739828	38.09	ng	99
46) 2-Chloronaphthalene	9.30	162	579939	40.61	ng	# 90
47) 2-Nitroaniline	9.41	65	179981	41.21	ng	96
48) Acenaphthylene	9.73	152	992355	42.65	ng	99
49) Dimethylphthalate	9.59	163	701069	40.15	ng	100
50) 2,6-Dinitrotoluene	9.65	165	139293	37.06	ng	87
51) Acenaphthene	9.90	154	587595	41.34	ng	100
52) 3-Nitroaniline	9.82	138	158749	36.90	ng	99
53) 2,4-Dinitrophenol	9.93	184	73699	41.92	ng	# 73
54) Dibenzofuran	10.07	168	758848	41.25	ng	97
55) 4-Nitrophenol	9.99	139	119029	42.47	ng	93
56) 2,4-Dinitrotoluene	10.06	165	204331	42.77	ng	# 76
57) Fluorene	10.41	166	625670	40.91	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	130675	38.89	ng	99
59) Diethylphthalate	10.29	149	726274	42.10	ng	99
60) 4-Chlorophenyl-phenylether	10.40	204	307956	41.19	ng	92
61) 4-Nitroaniline	10.44	138	171795	41.75	ng	95
62) Azobenzene	10.56	77	705415	42.55	ng	97
64) 4,6-Dinitro-2-methylphenol	10.47	198	111257	46.50	ng	# 60
65) n-Nitrosodiphenylamine	10.53	169	532725	41.17	ng	98
66) 4-Bromophenyl-phenylether	10.89	248	190539	45.59	ng	92
67) Hexachlorobenzene	10.96	284	194915	44.59	ng	94
68) Atrazine	11.05	200	189237	43.32	ng	99
69) Pentachlorophenol	11.16	266	94388	43.99	ng	99
70) Phenanthrene	11.37	178	912551	43.51	ng	100
71) Anthracene	11.42	178	864880	39.28	ng	100
72) Carbazole	11.58	167	827122	44.74	ng	100
73) Di-n-butylphthalate	11.91	149	1087668	42.87	ng	99
74) Fluoranthene	12.55	202	790594	35.46	ng	99
76) Benzidine	12.68	184	303133	31.18	ng	99
77) Pyrene	12.78	202	803055	35.39	ng	99
79) Butylbenzylphthalate	13.40	149	353882	37.24	ng	# 72
80) Benzo(a)anthracene	13.97	228	601178	38.19	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	408057	37.35	ng	99
82) Chrysene	14.00	228	530365	33.45	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	441594	38.81	ng	# 98
84) Di-n-octyl phthalate	14.56	149	662791	39.17	ng	100
85) Indeno(1,2,3-cd)pyrene	16.79	276	575717	47.02	ng	99
87) Benzo(b)fluoranthene	15.02	252	941377	75.04	ng	98
88) Benzo(k)fluoranthene	15.02	252	941818	83.27	ng	99
89) Benzo(a)pyrene	15.34	252	454405	40.79	ng	98
90) Dibenzo(a,h)anthracene	16.79	278	480346	46.41	ng	96
91) Benzo(g,h,i)perylene	17.20	276	493464	47.09	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.01 min

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SSTDCCC040

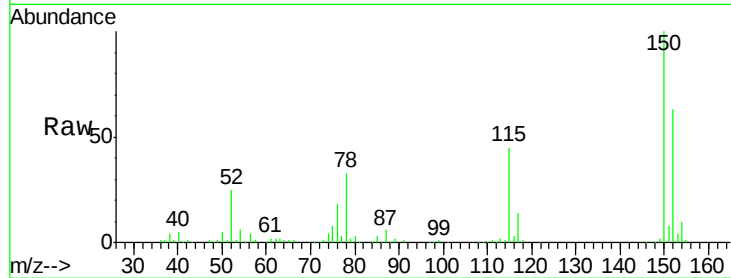
Tgt Ion:152 Resp: 124545

Ion Ratio Lower Upper

152 100

150 159.0 124.2 186.2

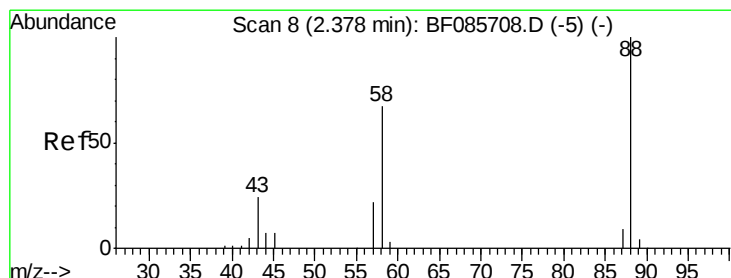
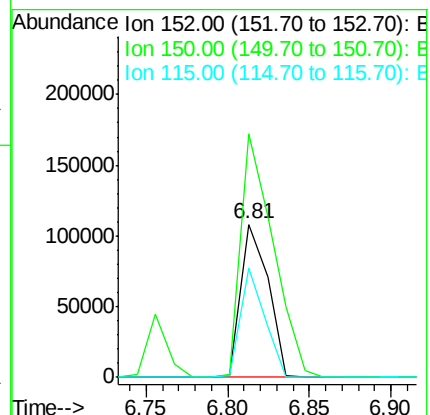
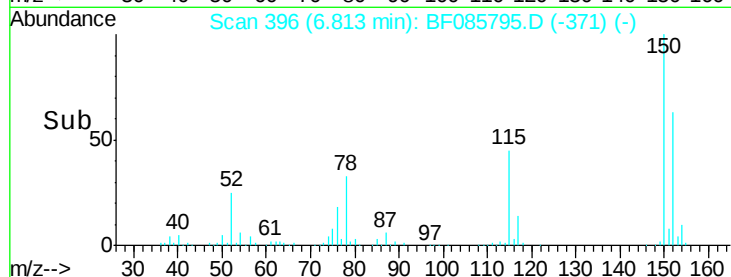
115 71.1 47.0 70.6#



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: 44.10 ng

RT: 2.38 min Scan# 8

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

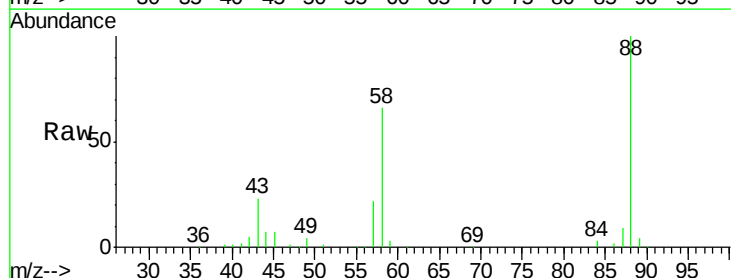
Tgt Ion: 88 Resp: 157465

Ion Ratio Lower Upper

88 100

58 67.1 54.2 81.2

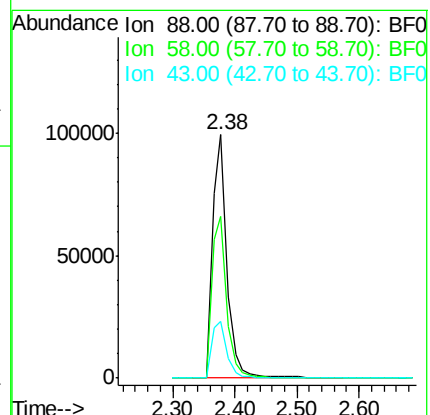
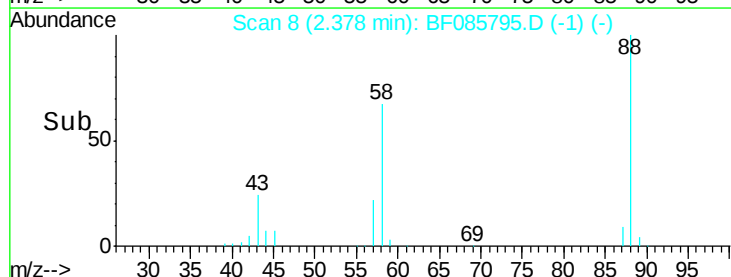
43 24.5 19.3 28.9

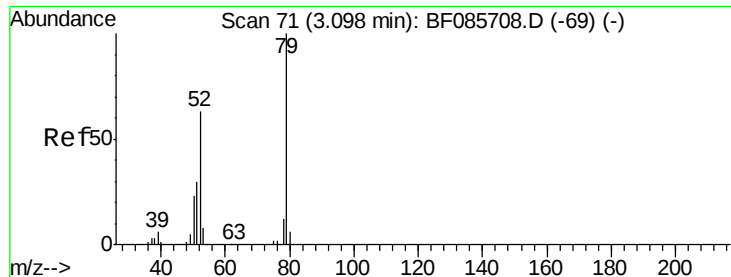


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.99 ng

RT: 3.10 min Scan# 71

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

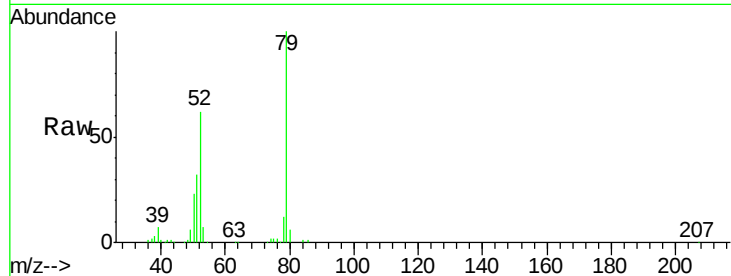
Tgt Ion: 79 Resp: 342377

Ion Ratio Lower Upper

79 100

52 62.4 49.8 74.6

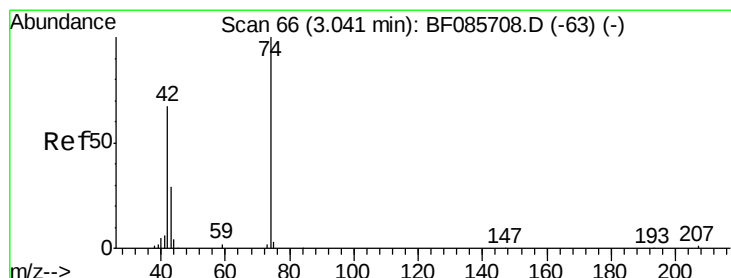
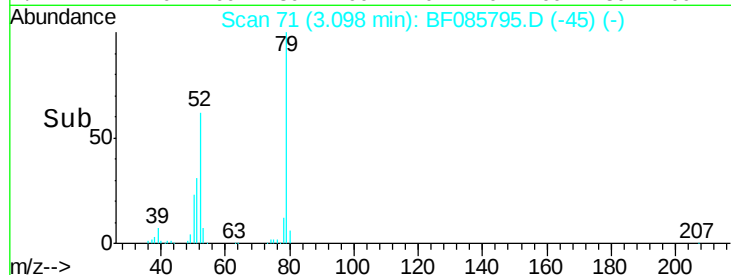
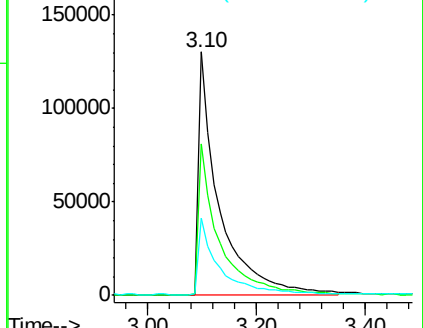
51 31.6 24.7 37.1



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: 46.01 ng

RT: 3.04 min Scan# 66

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

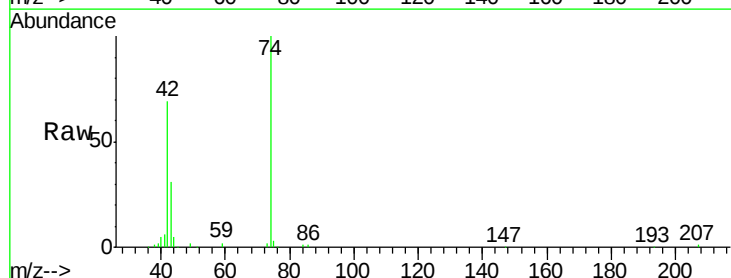
Tgt Ion: 42 Resp: 157670

Ion Ratio Lower Upper

42 100

74 144.6 121.4 182.2

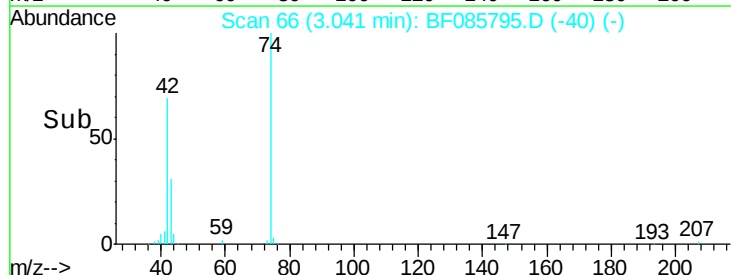
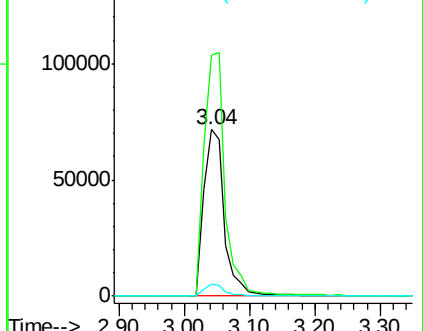
44 6.9 5.6 8.4

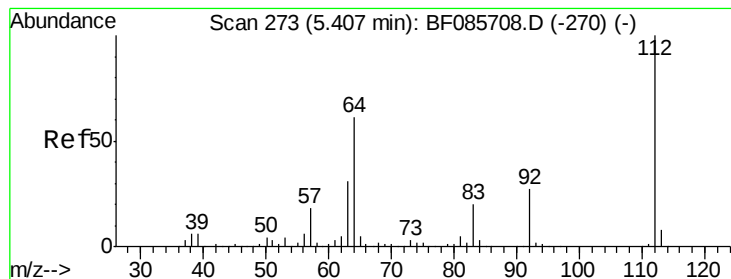


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 78.97 ng

RT: 5.41 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Instrument :

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SSTDCCC040

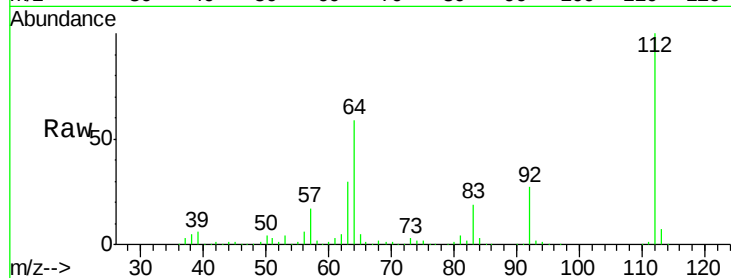
Tgt Ion: 112 Resp: 590565

Ion Ratio Lower Upper

112 100

64 59.2 39.9 59.9

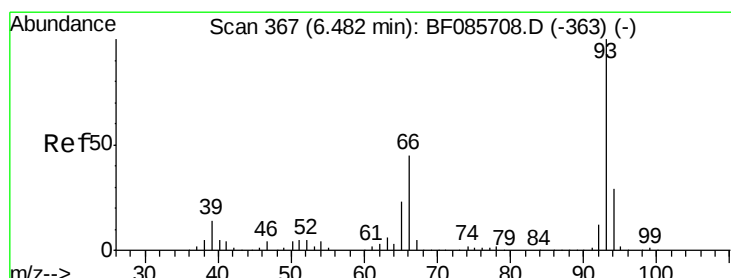
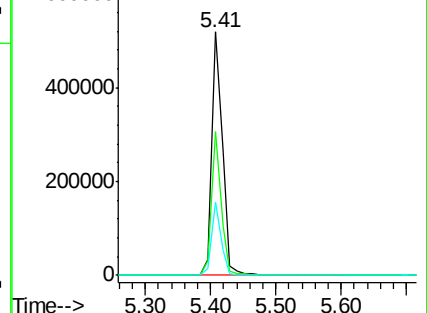
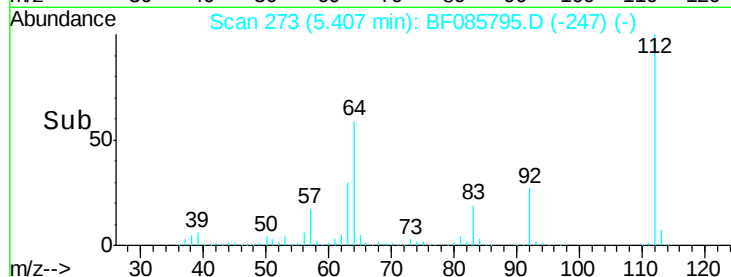
63 30.4 20.2 30.2#



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: 40.69 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

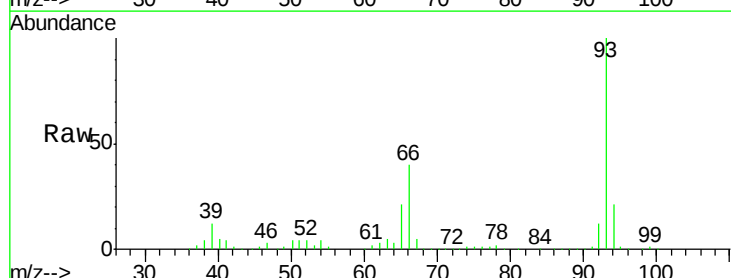
Tgt Ion: 93 Resp: 520750

Ion Ratio Lower Upper

93 100

66 40.2 31.4 47.2

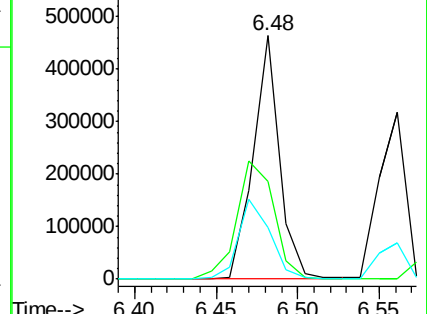
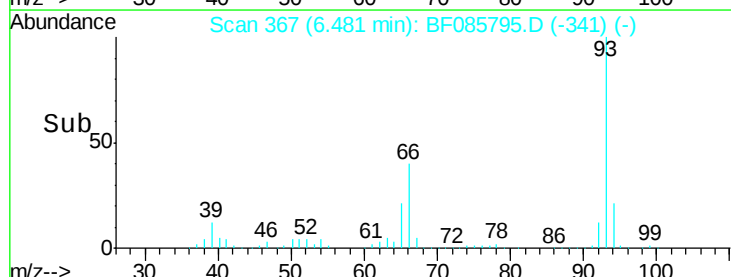
65 21.2 15.7 23.5

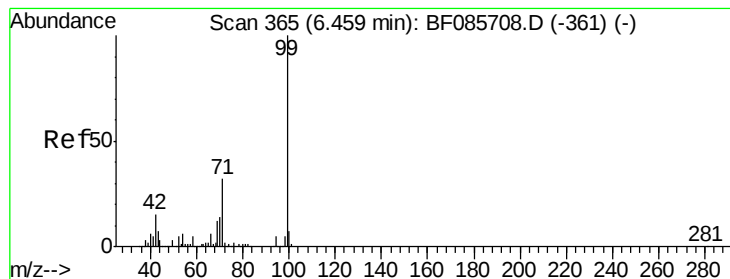


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.16 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085795.D

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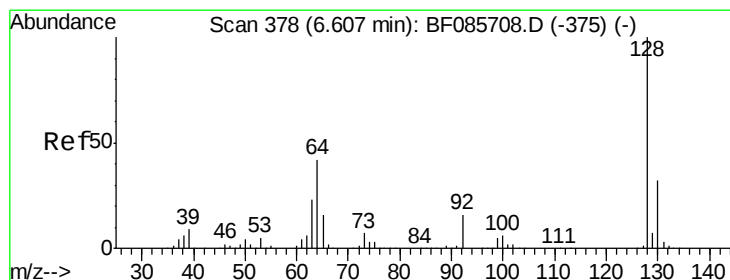
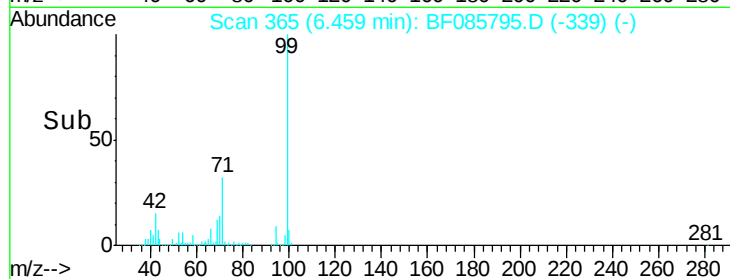
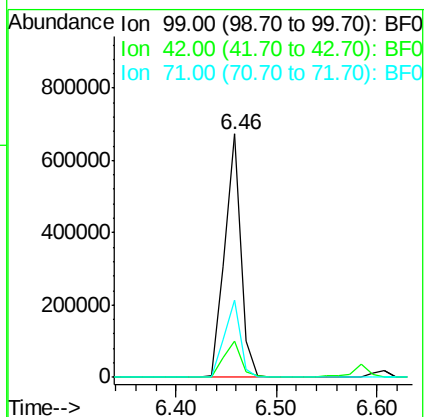
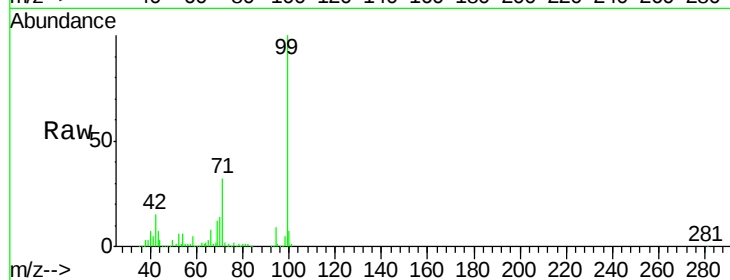
Tgt Ion: 99 Resp: 752648

Ion Ratio Lower Upper

99 100

42 15.1 11.1 16.7

71 31.8 24.9 37.3



#8

2-Chlorophenol

Concen: 42.30 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

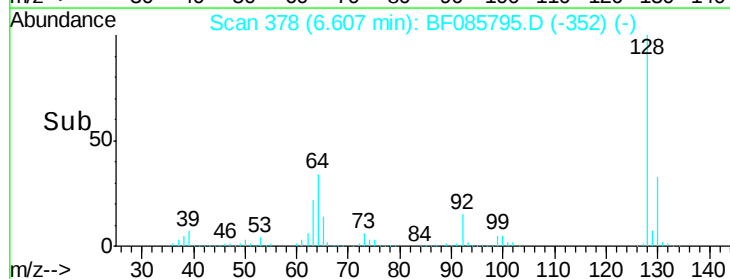
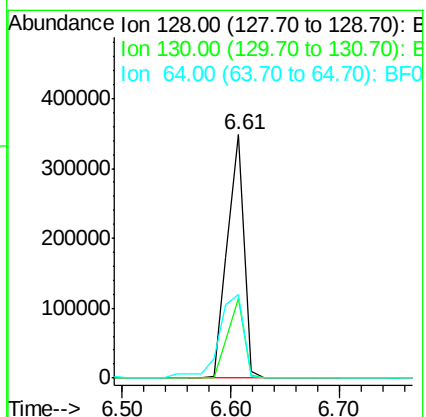
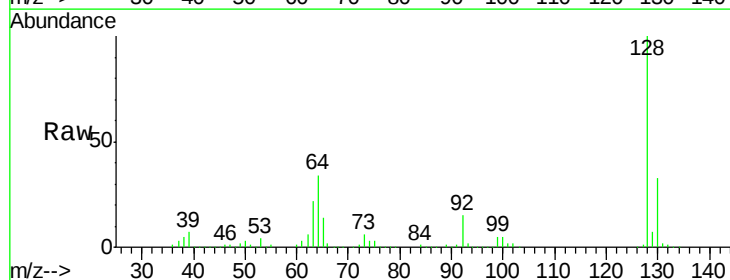
Tgt Ion: 128 Resp: 367544

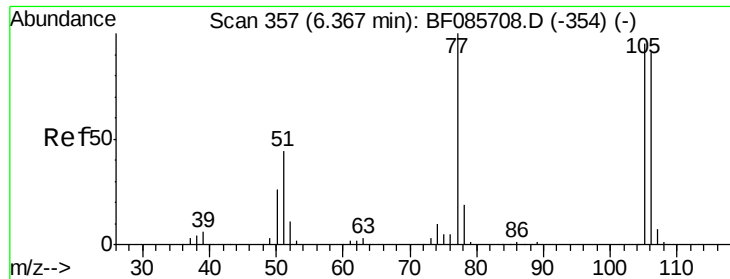
Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

64 34.3 20.2 60.2





#9

Benzaldehyde

Concen: 38.93 ng

RT: 6.37 min Scan# 357

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

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BNA_F

ClientSampleId :

SSTDCCC040

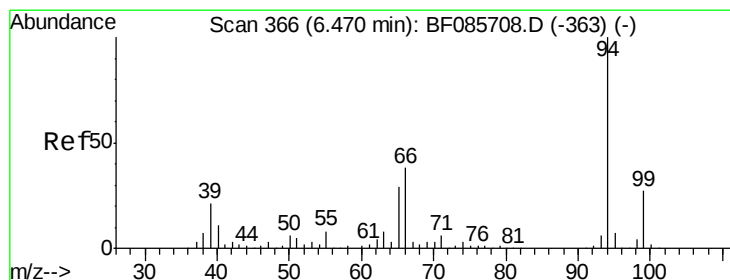
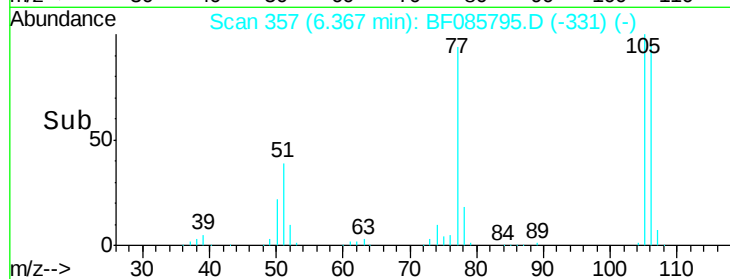
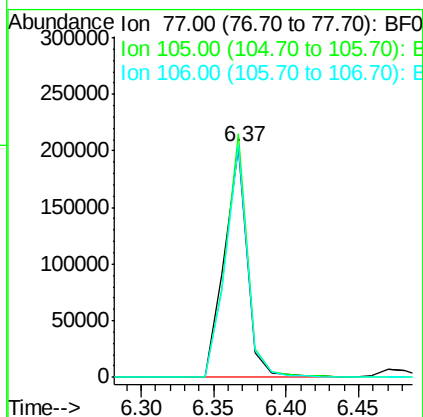
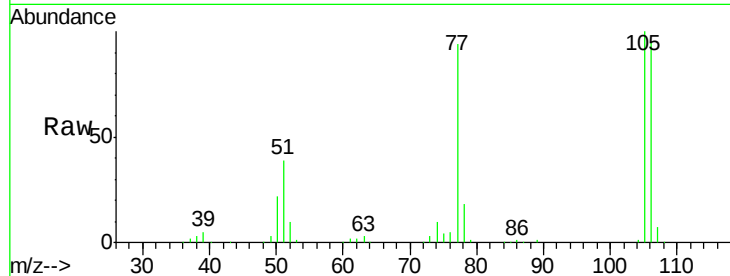
Tgt Ion: 77 Resp: 223048

Ion Ratio Lower Upper

77 100

105 105.9 80.1 120.1

106 100.7 75.0 115.0



#10

Phenol

Concen: 40.21 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

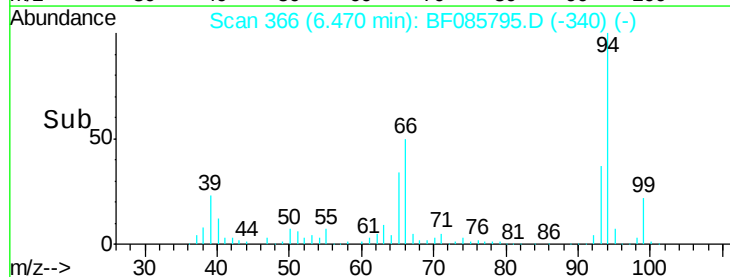
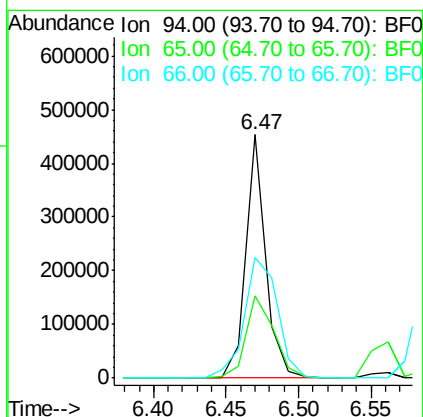
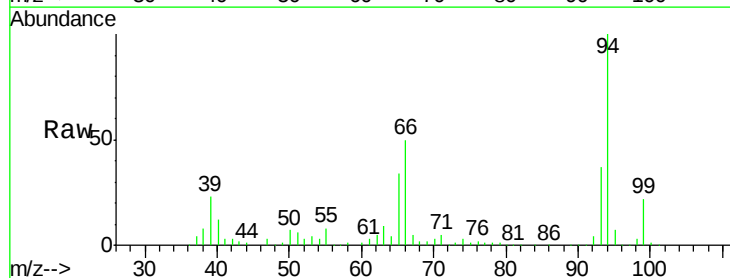
Tgt Ion: 94 Resp: 433192

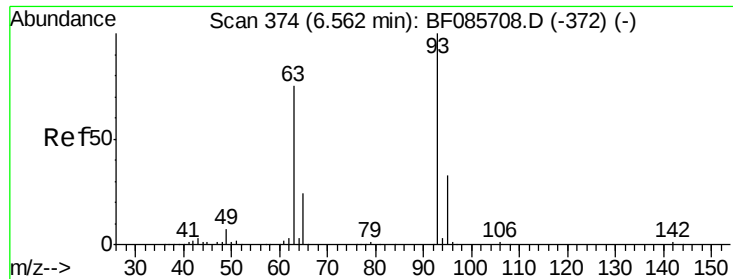
Ion Ratio Lower Upper

94 100

65 33.6 8.6 48.6

66 49.7 20.0 60.0

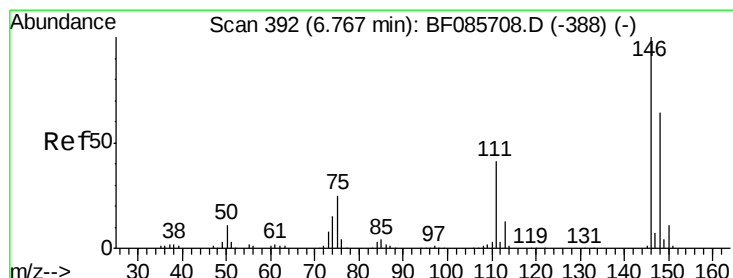
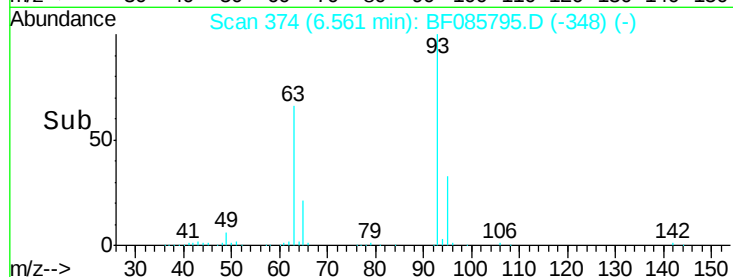
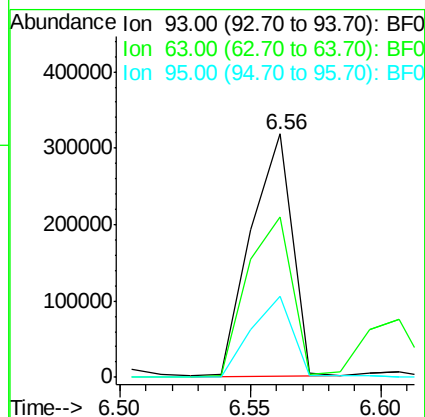
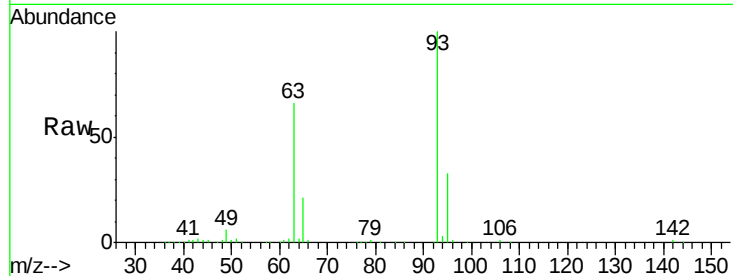




#11
bis(2-Chloroethyl)ether
Concen: 42.62 ng
RT: 6.56 min Scan# 374
Delta R.T. -0.00 min
Lab File: BF085795.D
Acq: 28 Mar 2016 12:08

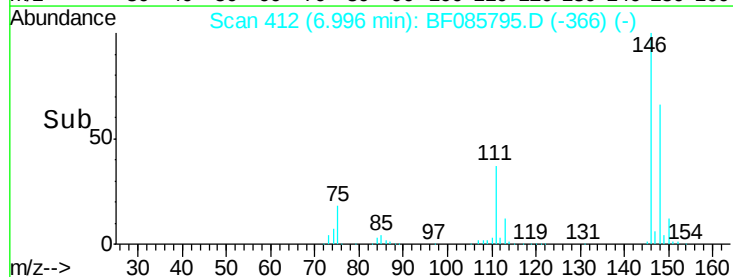
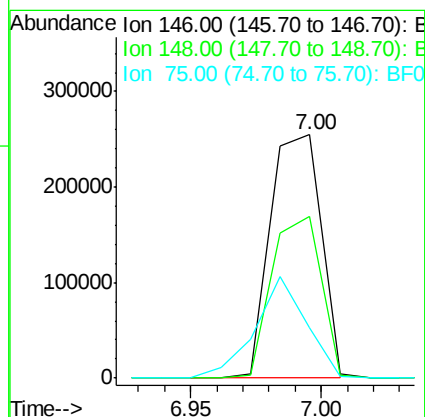
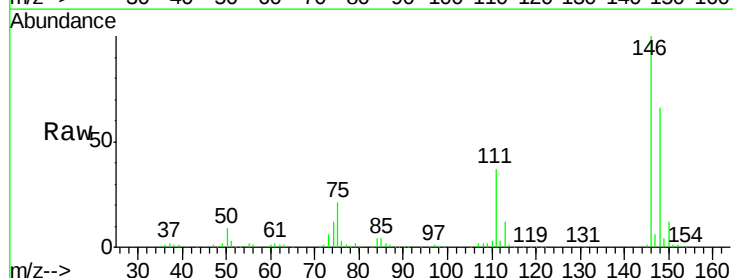
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

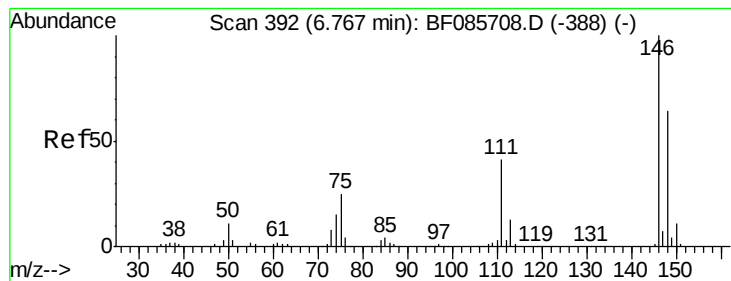
Tgt Ion: 93 Resp: 353291
Ion Ratio Lower Upper
93 100
63 65.7 50.9 90.9
95 33.3 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 37.10 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.23 min
Lab File: BF085795.D
Acq: 28 Mar 2016 12:08

Tgt Ion: 146 Resp: 347128
Ion Ratio Lower Upper
146 100
148 66.2 52.3 78.5
75 20.8 17.4 26.2





#13

1,4-Dichlorobenzene

Concen: 41.80 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

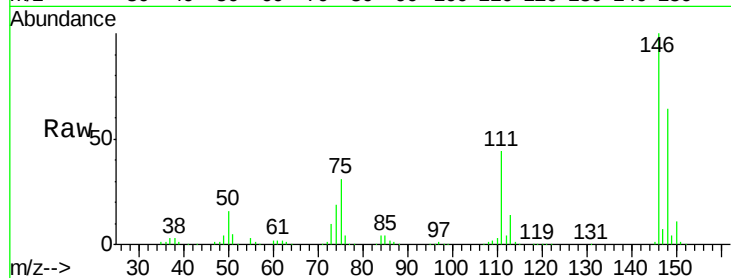
Tgt Ion:146 Resp: 396605

Ion Ratio Lower Upper

146 100

148 64.3 50.6 76.0

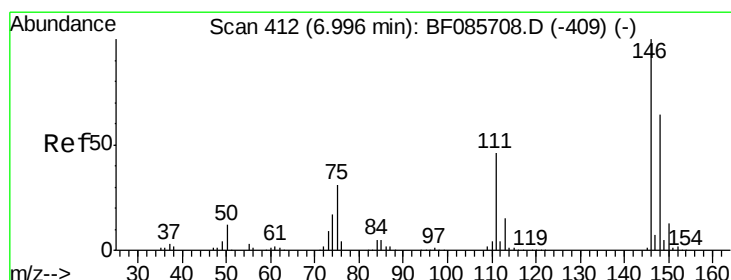
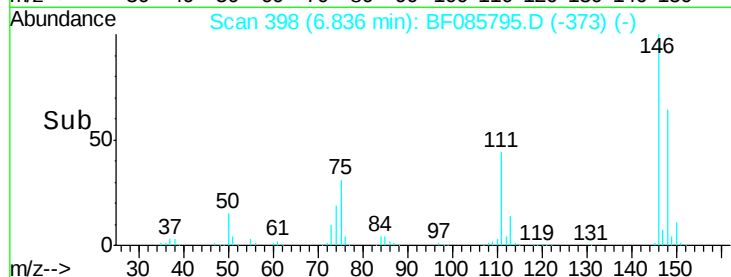
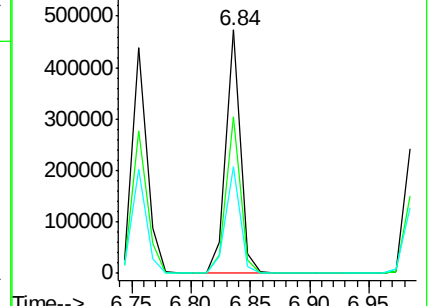
111 43.7 37.8 56.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.35 ng

RT: 7.00 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

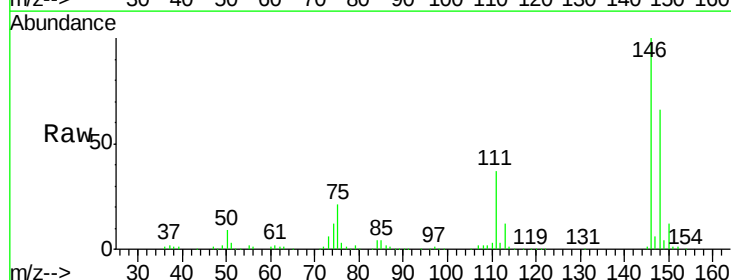
Tgt Ion:146 Resp: 347951

Ion Ratio Lower Upper

146 100

148 66.2 51.4 77.2

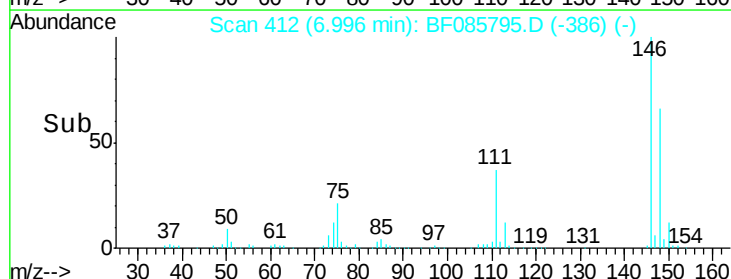
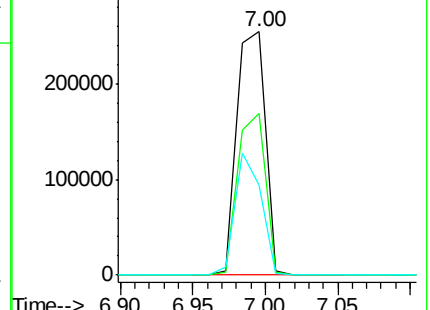
111 37.1 34.6 52.0

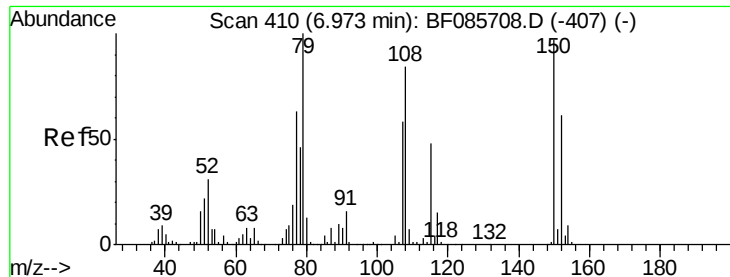


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.15 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

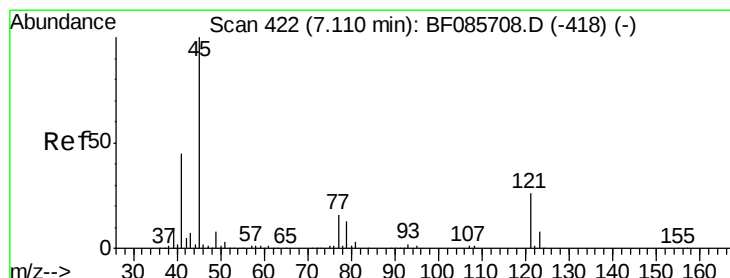
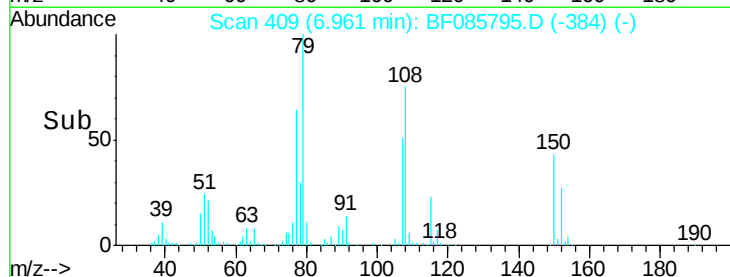
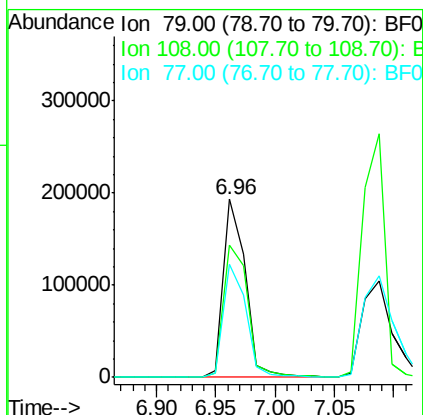
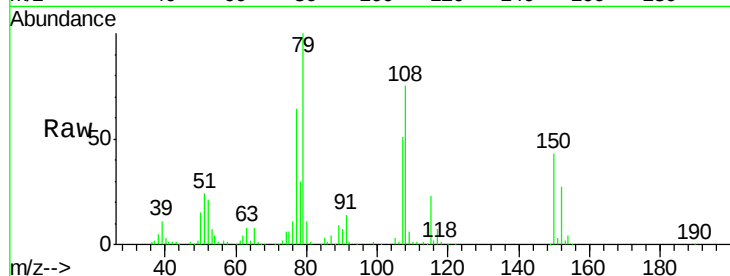
Tgt Ion: 79 Resp: 248359

Ion Ratio Lower Upper

79 100

108 74.7 61.8 92.6

77 63.7 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.68 ng

RT: 7.10 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

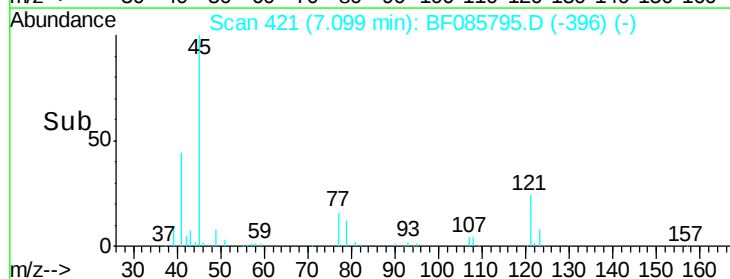
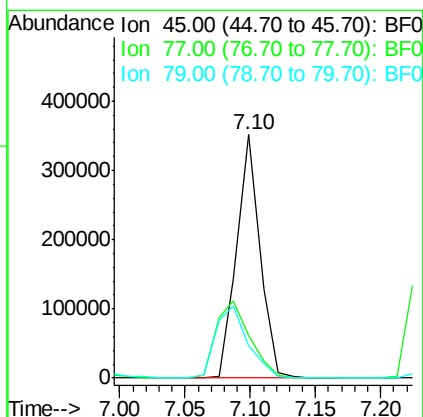
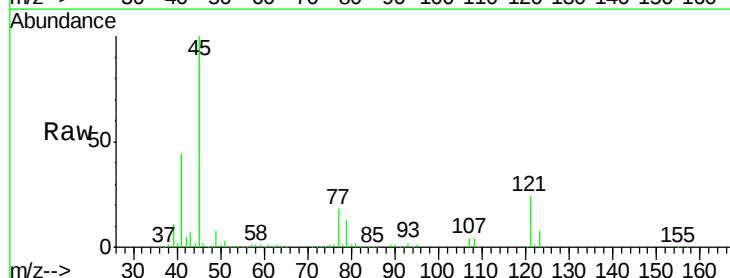
Tgt Ion: 45 Resp: 436379

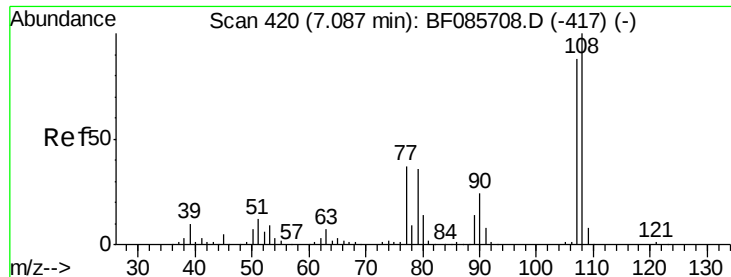
Ion Ratio Lower Upper

45 100

77 17.5 0.0 35.7

79 13.5 0.0 32.2





#17

2-Methylphenol

Concen: 42.52 ng

RT: 7.09 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 295800

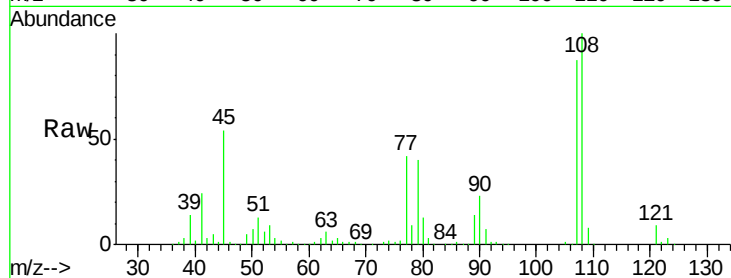
Ion Ratio Lower Upper

107 100

108 115.2 91.4 137.0

77 48.2 36.2 54.2

79 45.6 35.8 53.8

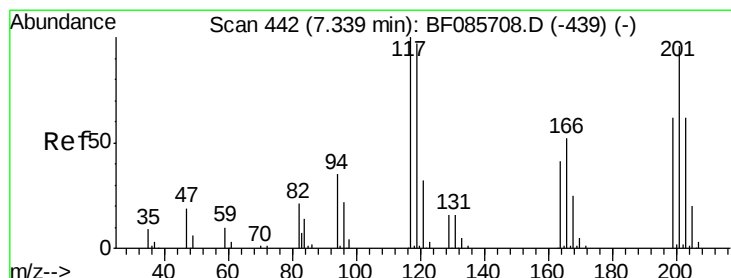
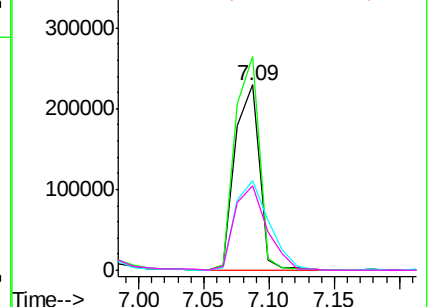
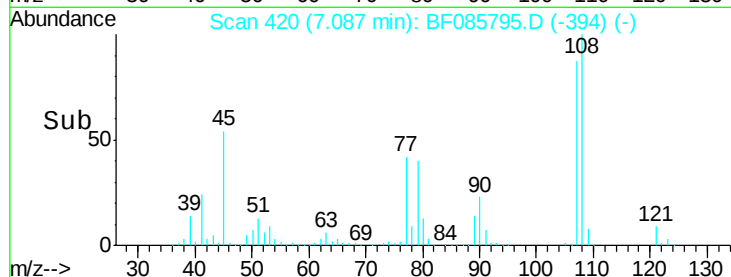


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.10 ng

RT: 7.33 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

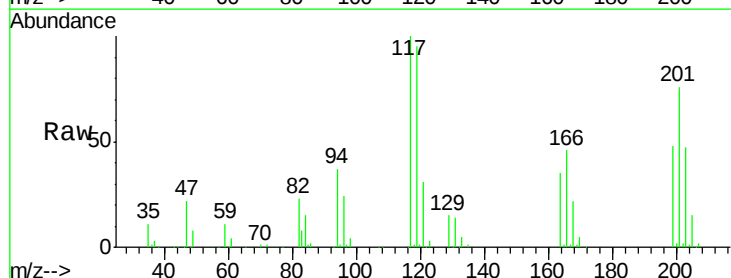
Tgt Ion:117 Resp: 142798

Ion Ratio Lower Upper

117 100

119 94.9 76.7 115.1

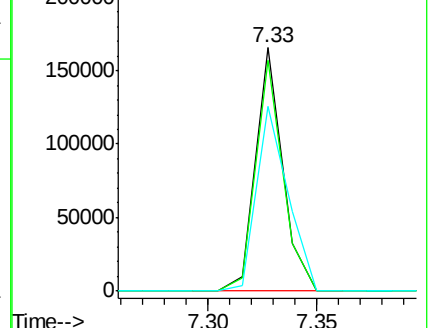
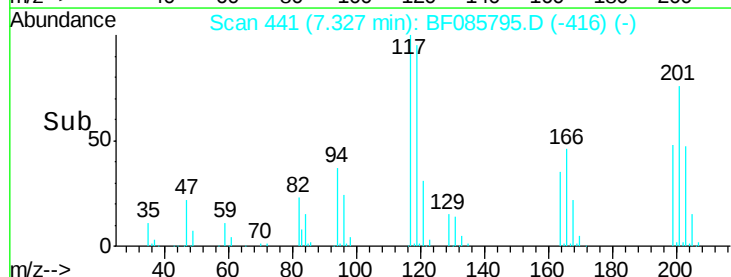
201 75.7 83.3 124.9#

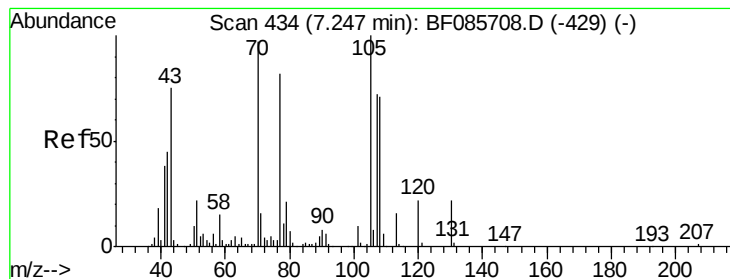


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.73 ng

RT: 7.24 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 220467

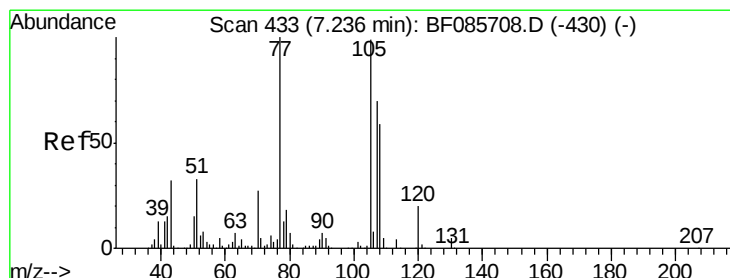
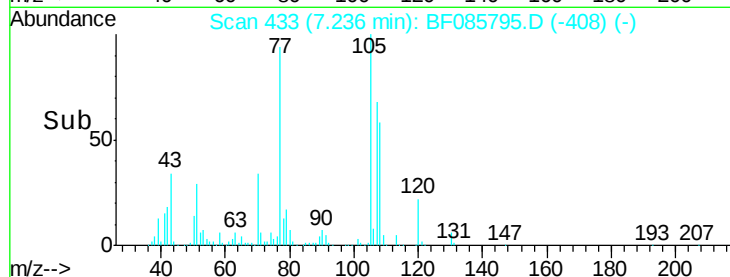
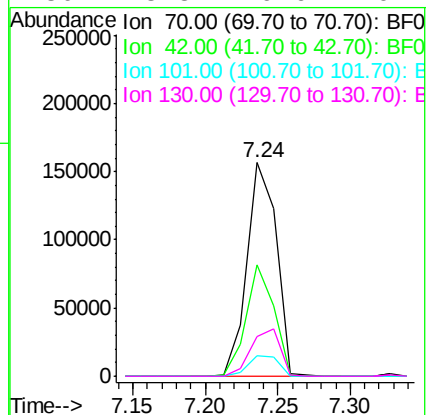
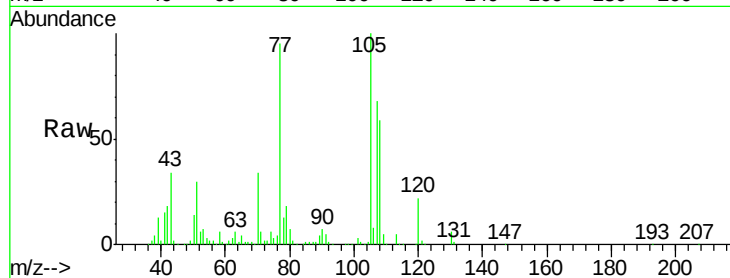
Ion Ratio Lower Upper

70 100

42 52.0 37.1 55.7

101 9.4 8.6 12.8

130 18.8 19.6 29.4#



#20

3+4-Methylphenols

Concen: 38.08 ng

RT: 7.24 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Tgt Ion: 107 Resp: 318479

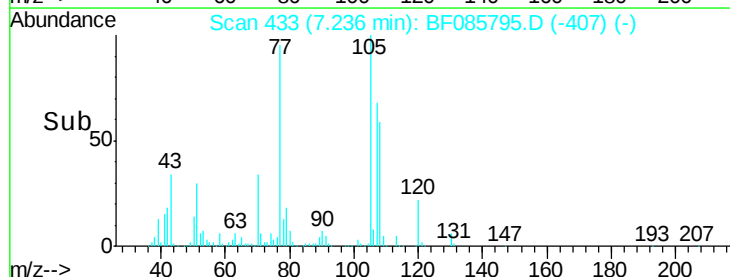
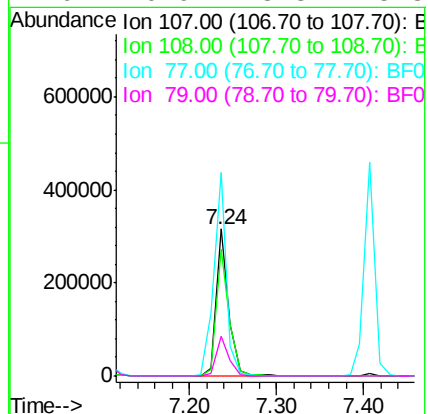
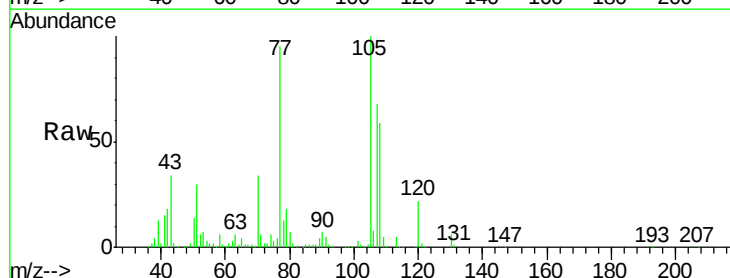
Ion Ratio Lower Upper

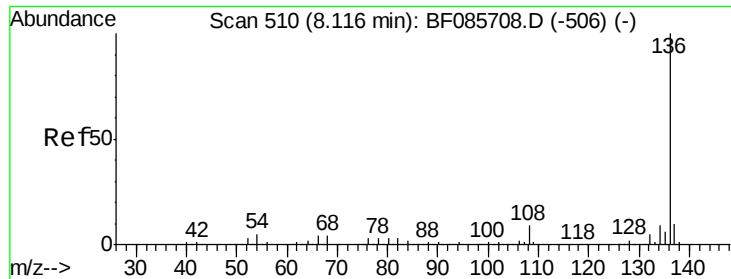
107 100

108 86.0 69.3 109.3

77 138.9 101.7 141.7

79 26.9 8.3 48.3

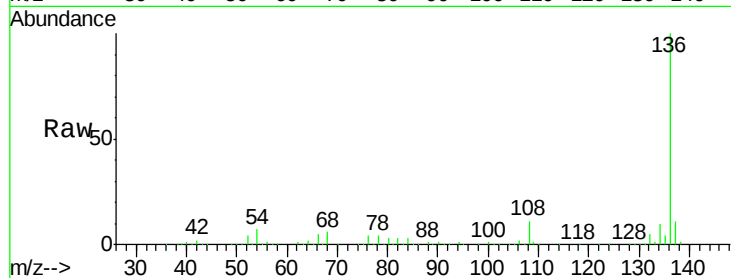




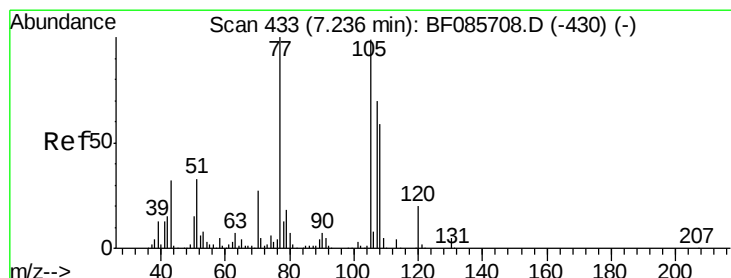
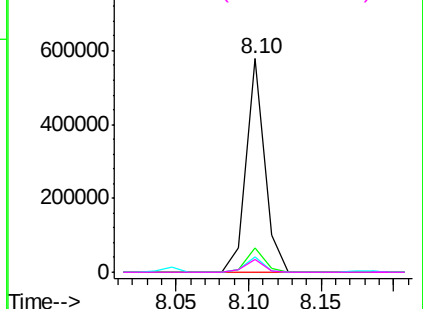
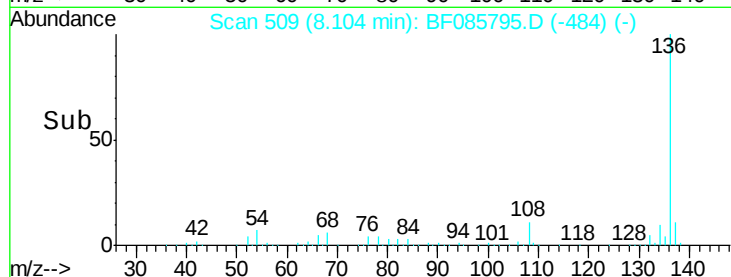
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085795.D
Acq: 28 Mar 2016 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	512203
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.4	7.4	11.0
68	6.0	5.8	8.8

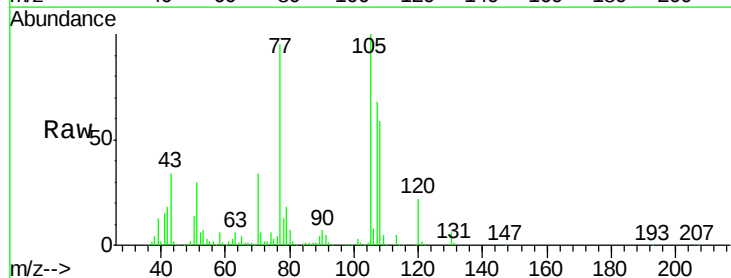


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

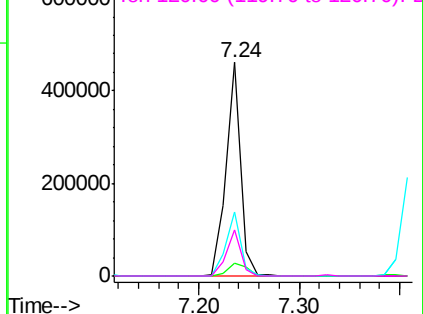
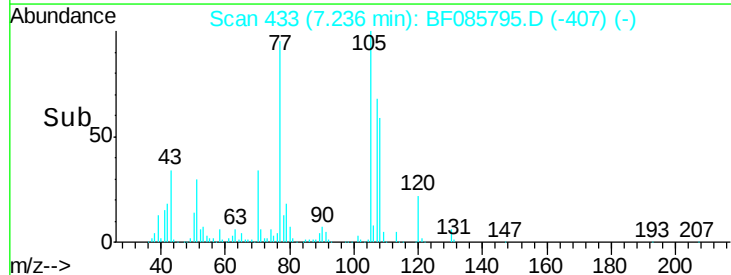


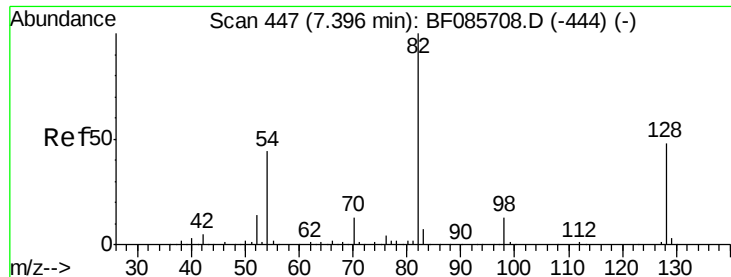
#22
Acetophenone
Concen: 38.85 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF085795.D
Acq: 28 Mar 2016 12:08

Tgt Ion:	105	Resp:	463620
Ion	Ratio	Lower	Upper
105	100		
71	5.7	3.6	5.4#
51	29.9	25.4	38.0
120	21.7	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

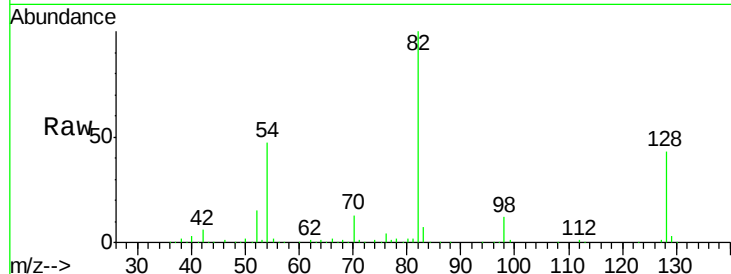




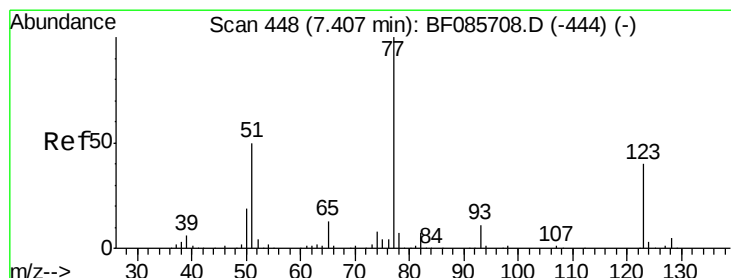
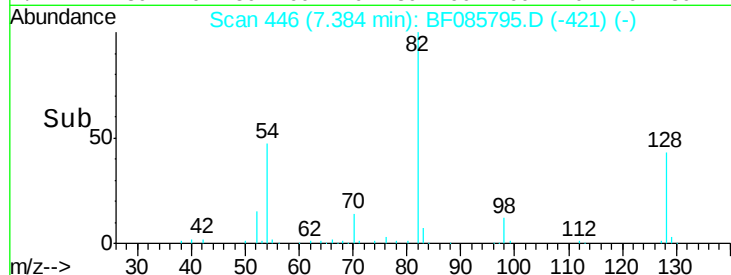
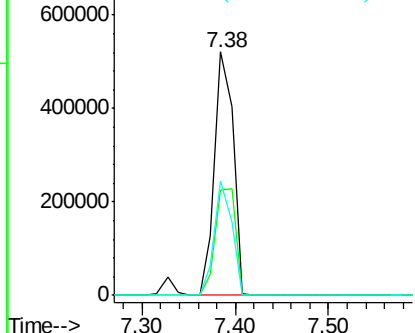
#23
 Nitrobenzene-d5
 Concen: 79.86 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085795.D
 Acq: 28 Mar 2016 12:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 726404
 Ion Ratio Lower Upper
 82 100
 128 43.4 41.8 62.8
 54 47.0 33.4 50.0

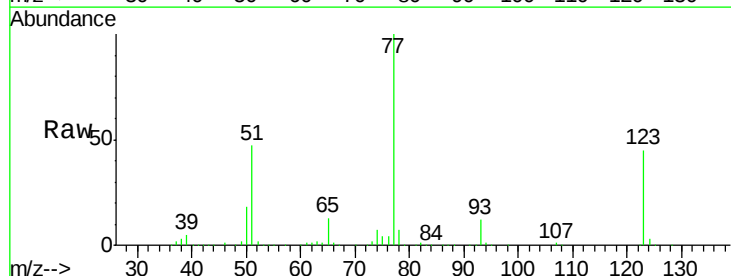


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

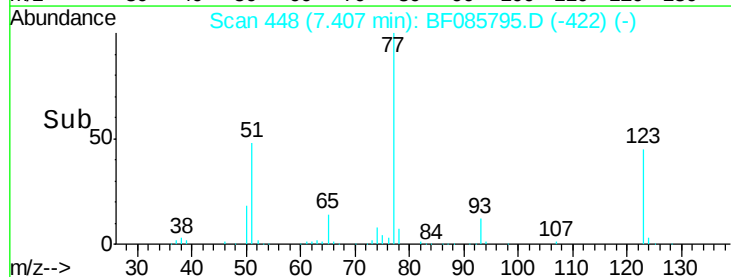
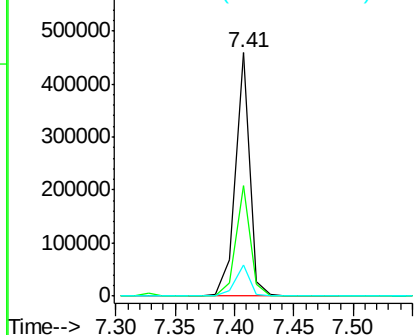


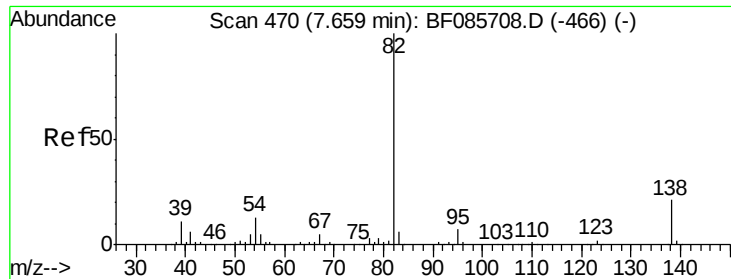
#24
 Nitrobenzene
 Concen: 41.15 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF085795.D
 Acq: 28 Mar 2016 12:08

Tgt Ion: 77 Resp: 385845
 Ion Ratio Lower Upper
 77 100
 123 45.4 35.0 52.4
 65 13.0 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: 38.42 ng

RT: 7.65 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

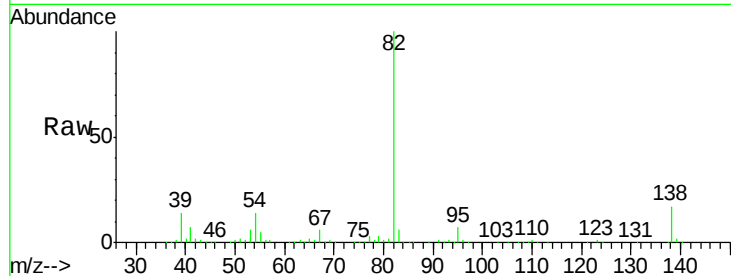
Tgt Ion: 82 Resp: 673148

Ion Ratio Lower Upper

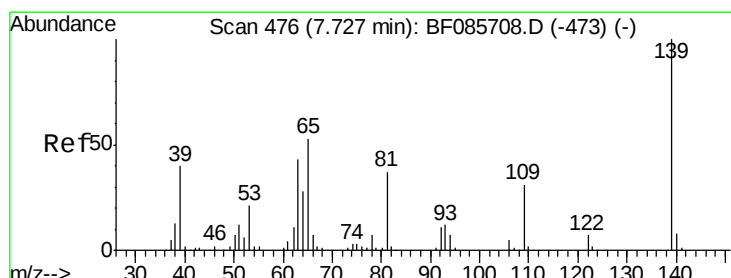
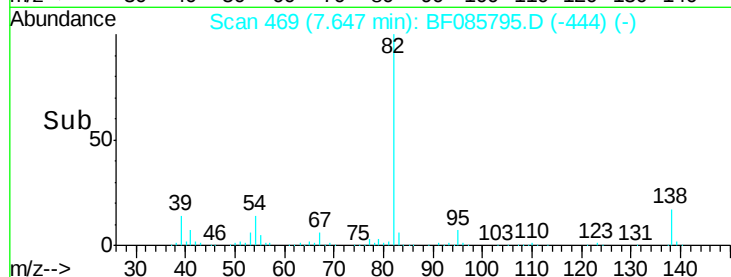
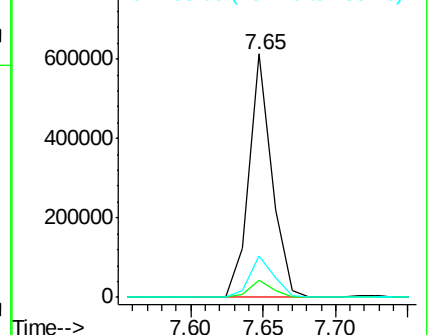
82 100

95 7.1 5.4 8.2

138 16.9 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: 43.94 ng

RT: 7.73 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

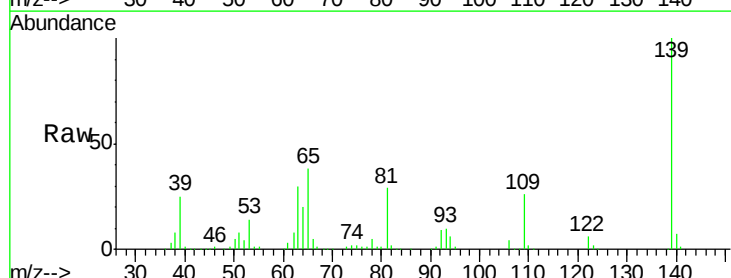
Tgt Ion: 139 Resp: 206108

Ion Ratio Lower Upper

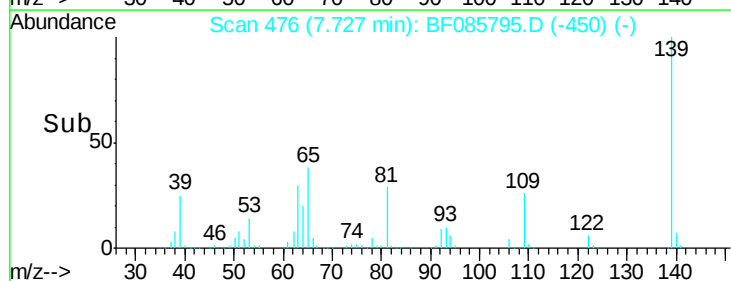
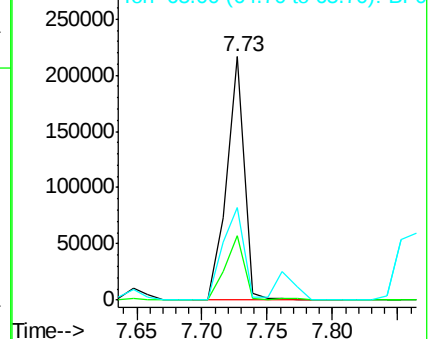
139 100

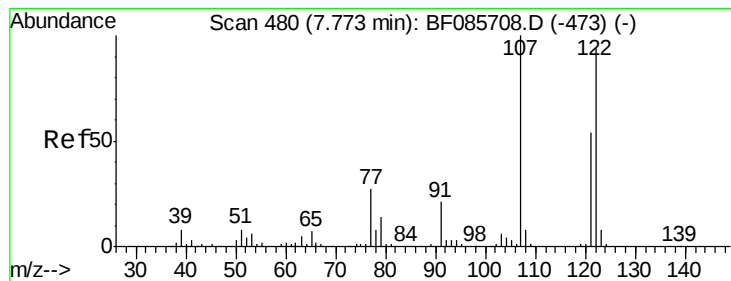
109 26.4 22.1 33.1

65 38.1 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: 38.72 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

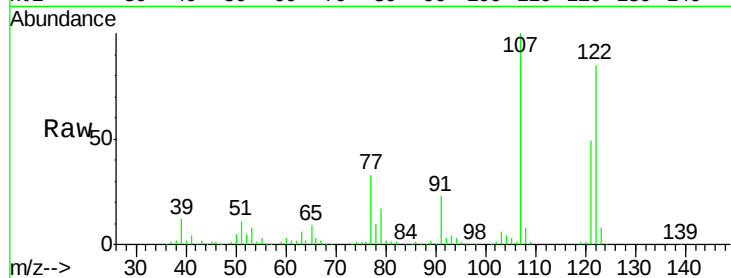
Tgt Ion:122 Resp: 317449

Ion Ratio Lower Upper

122 100

107 117.2 93.0 139.6

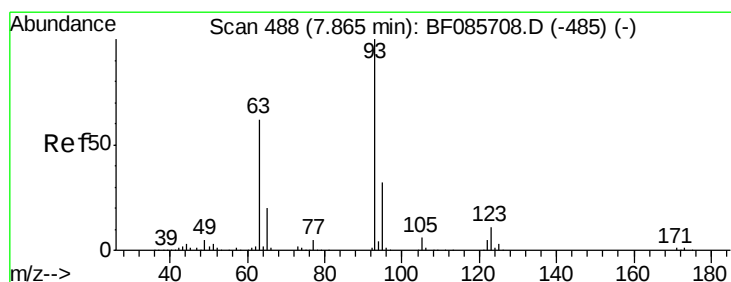
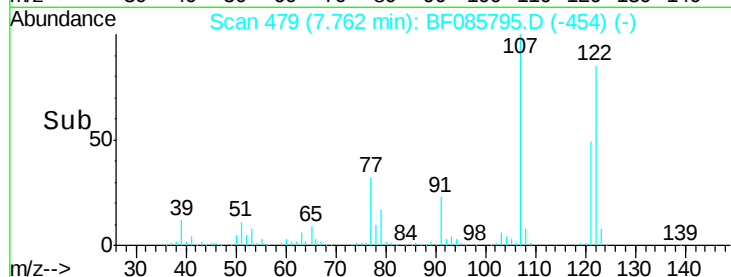
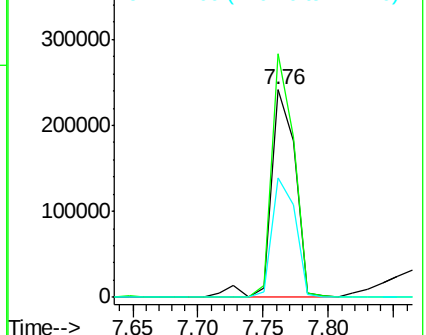
121 57.6 45.9 68.9



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: 40.76 ng

RT: 7.86 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

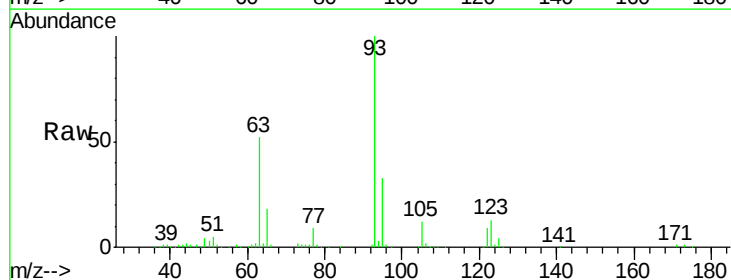
Tgt Ion: 93 Resp: 406971

Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

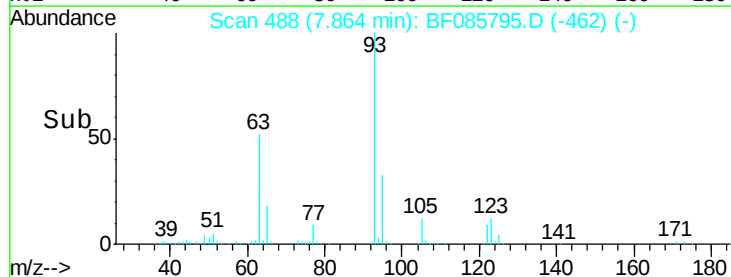
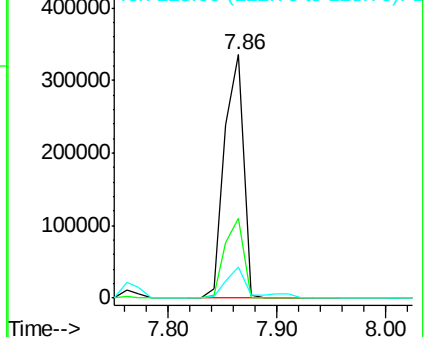
123 12.7 9.8 14.6

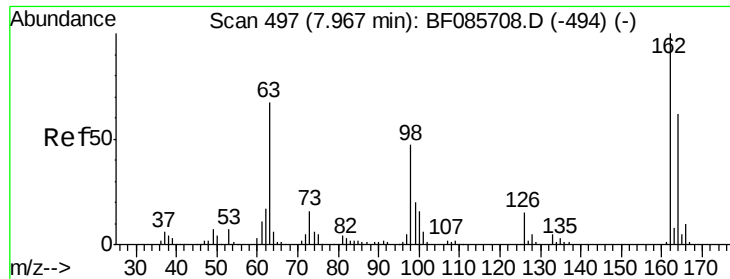


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

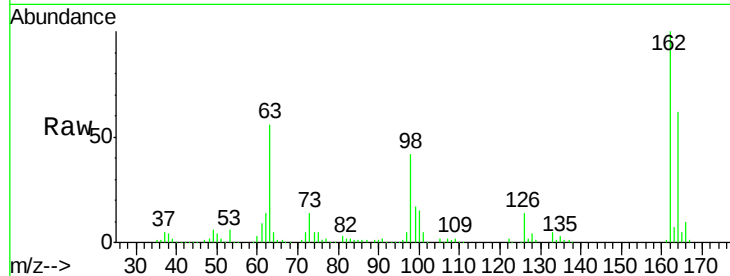




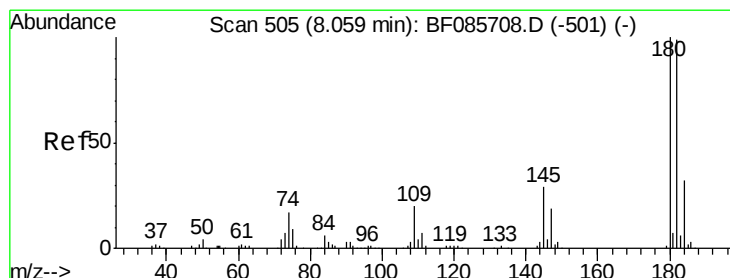
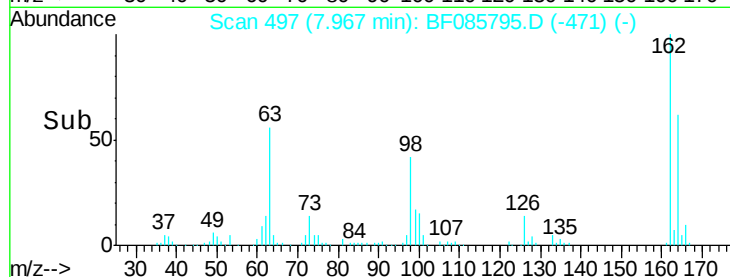
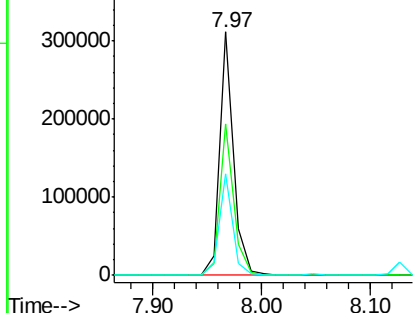
#29
 2,4-Dichlorophenol
 Concen: 40.30 ng
 RT: 7.97 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BF085795.D
 Acq: 28 Mar 2016 12:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:162 Resp: 277793
 Ion Ratio Lower Upper
 162 100
 164 62.2 43.7 83.7
 98 42.0 20.4 60.4

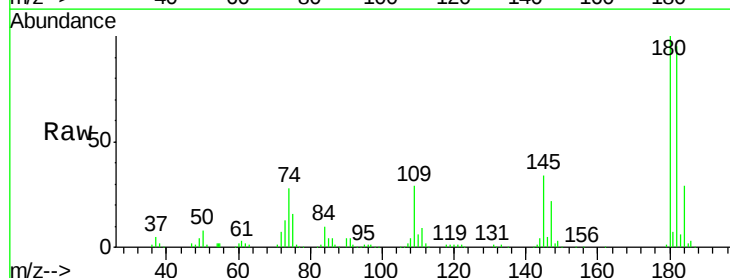


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

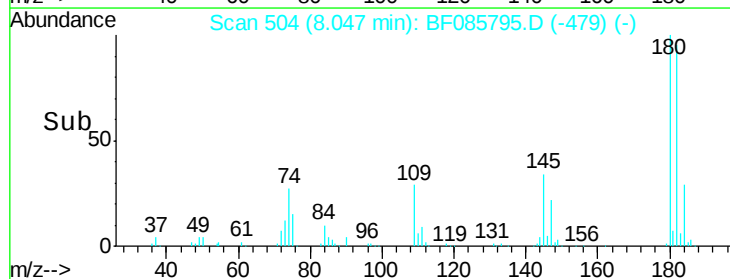
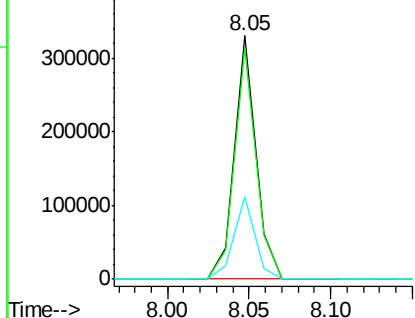


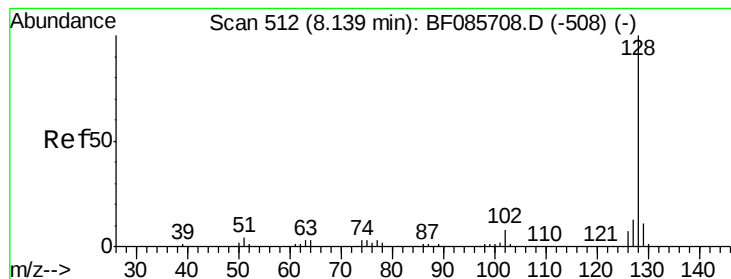
#30
 1,2,4-Trichlorobenzene
 Concen: 39.12 ng
 RT: 8.05 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF085795.D
 Acq: 28 Mar 2016 12:08

Tgt Ion:180 Resp: 299313
 Ion Ratio Lower Upper
 180 100
 182 94.8 73.8 110.8
 145 34.1 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: 38.39 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

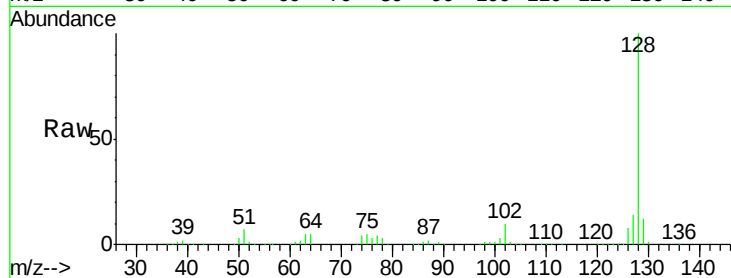
Tgt Ion:128 Resp: 990818

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.0

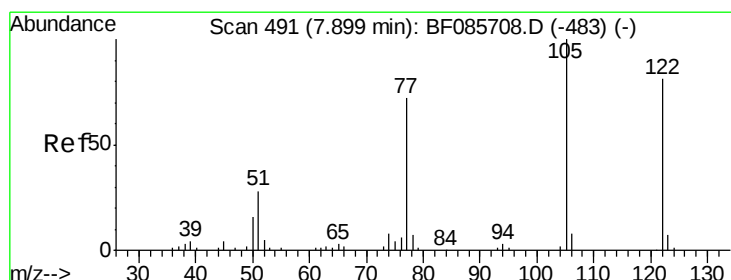
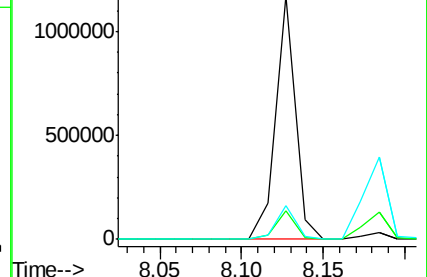
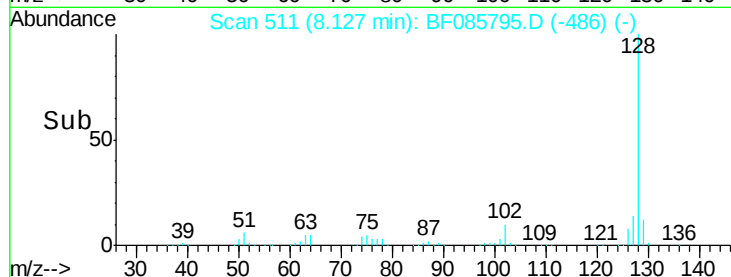
127 13.7 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.84 ng

RT: 7.90 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

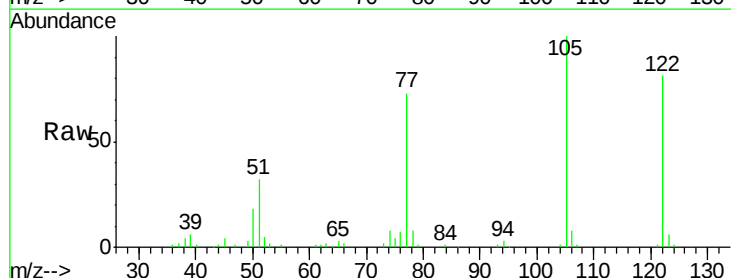
Tgt Ion:122 Resp: 238719

Ion Ratio Lower Upper

122 100

105 124.1 102.9 142.9

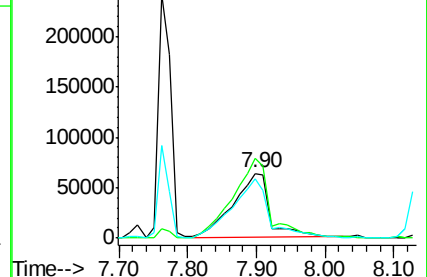
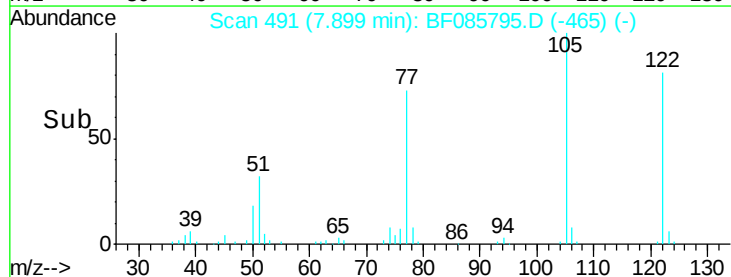
77 91.0 71.8 111.8

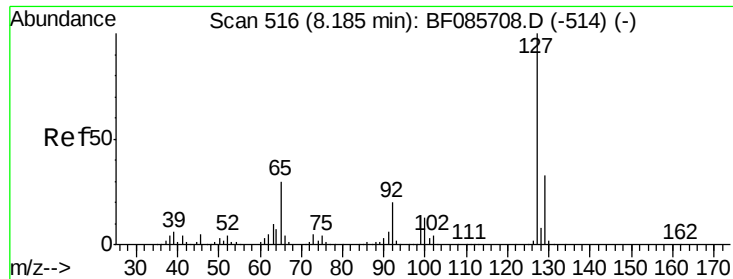


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

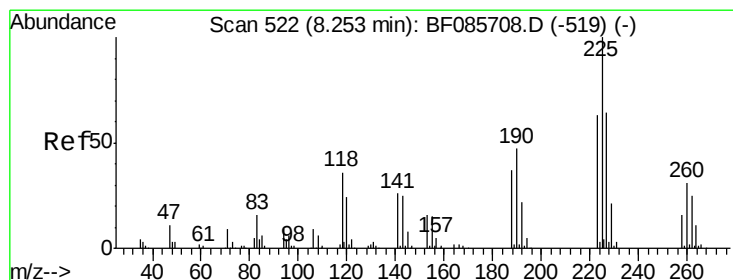
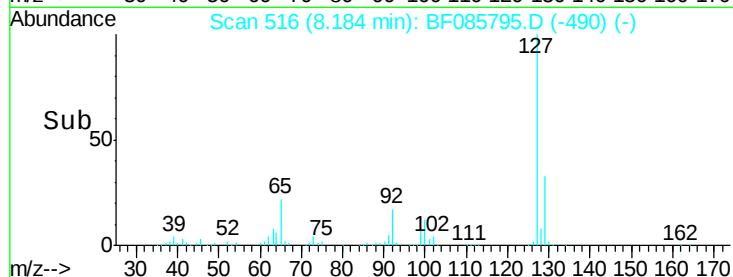
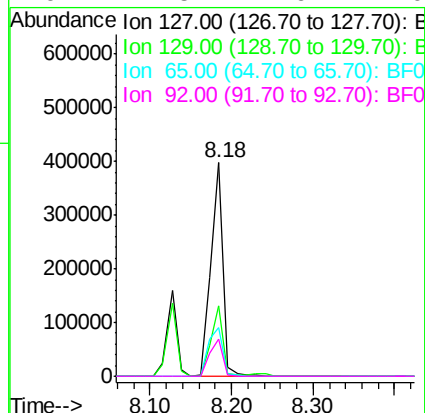
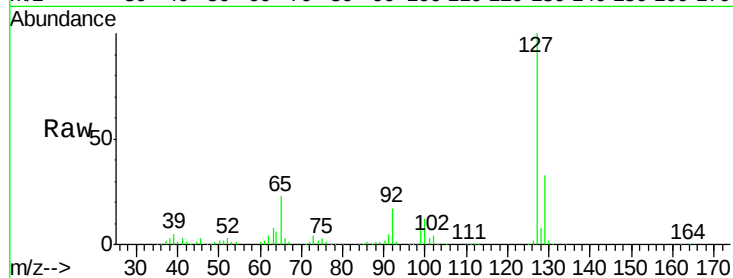




#33
4-Chloroaniline
Concen: 39.95 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF085795.D
Acq: 28 Mar 2016 12:08

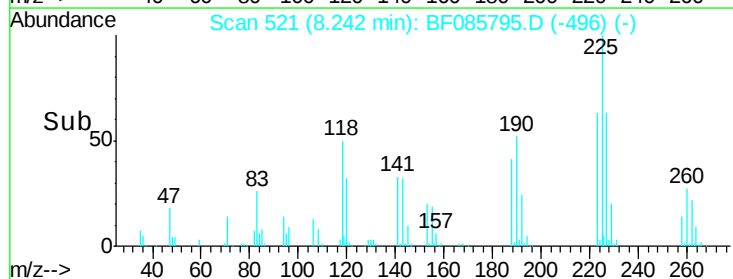
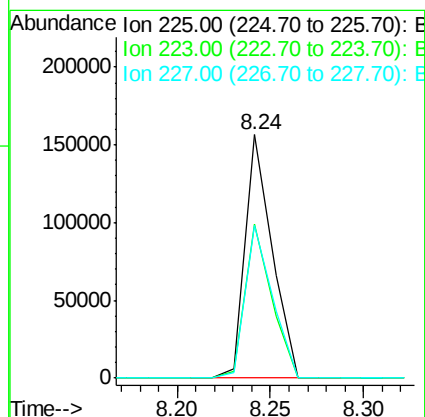
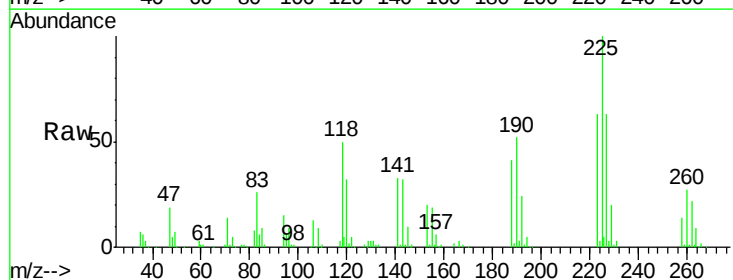
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

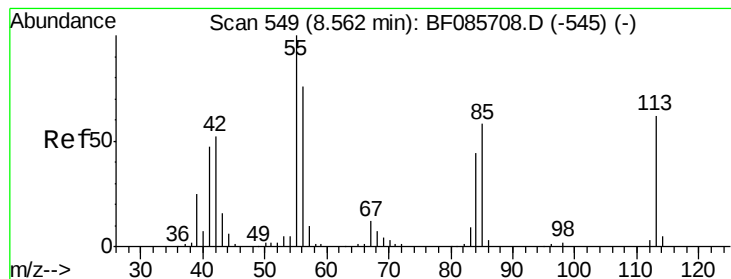
Tgt Ion:	127	Resp:	421013
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.1	39.1
65	22.8	19.5	29.3
92	17.5	14.6	22.0



#34
Hexachlorobutadiene
Concen: 37.81 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF085795.D
Acq: 28 Mar 2016 12:08

Tgt Ion:	225	Resp:	157234
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.4	75.6
227	62.5	51.4	77.2





#35

Caprolactam

Concen: 34.39 ng

RT: 8.56 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

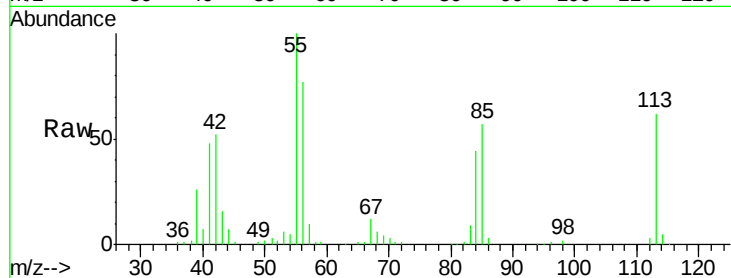
Tgt Ion:113 Resp: 83970

Ion Ratio Lower Upper

113 100

55 161.7 139.4 179.4

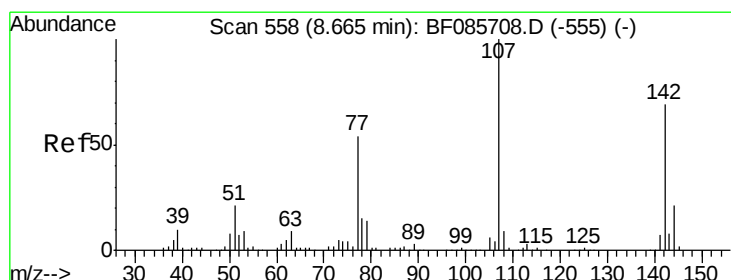
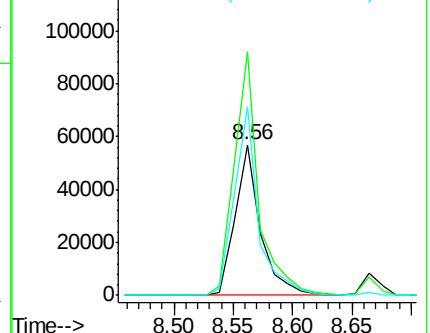
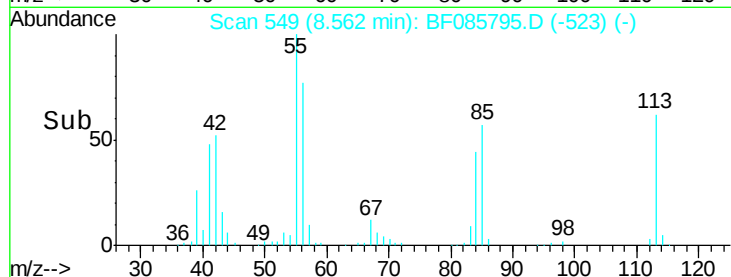
56 125.3 100.4 140.4



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: 36.20 ng

RT: 8.66 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

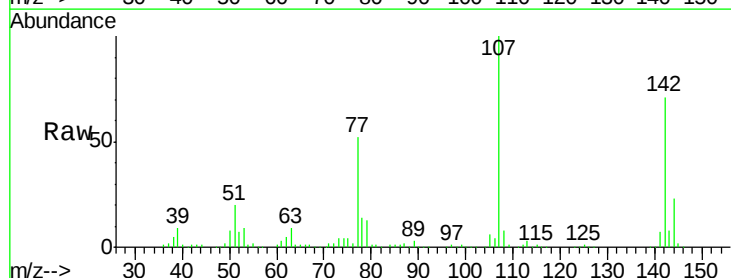
Tgt Ion:107 Resp: 291425

Ion Ratio Lower Upper

107 100

144 22.6 19.3 28.9

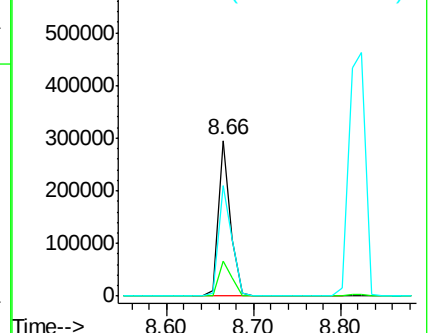
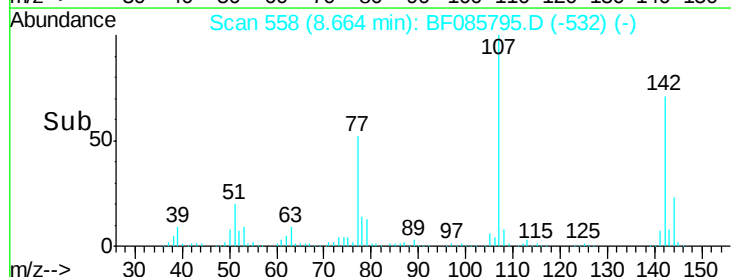
142 71.2 61.4 92.0

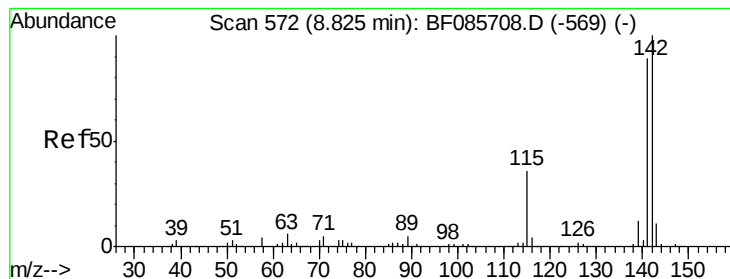


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.90 ng

RT: 8.82 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

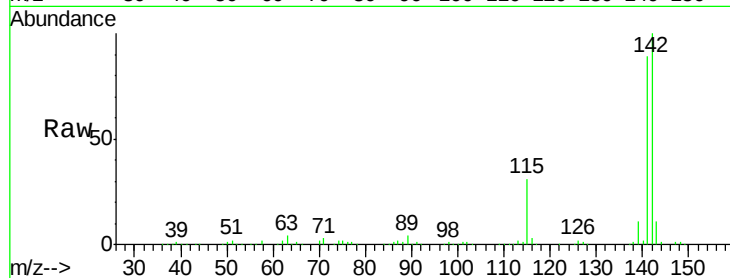
Tgt Ion:142 Resp: 629260

Ion Ratio Lower Upper

142 100

141 88.7 71.6 107.4

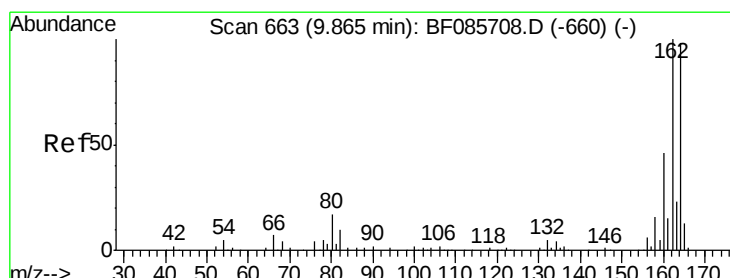
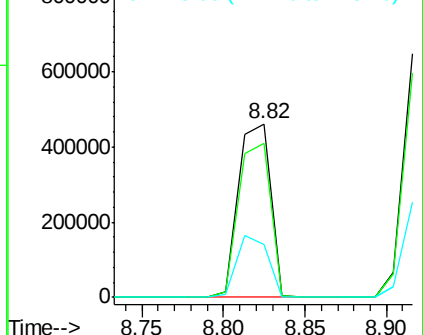
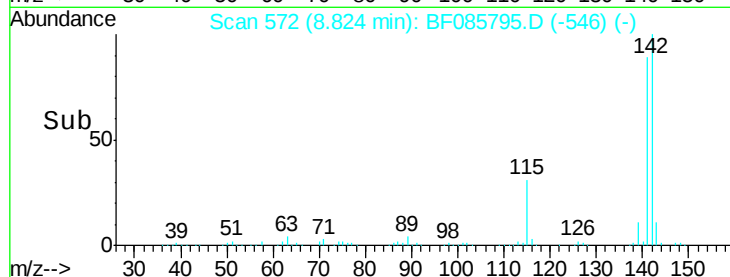
115 30.6 26.8 40.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

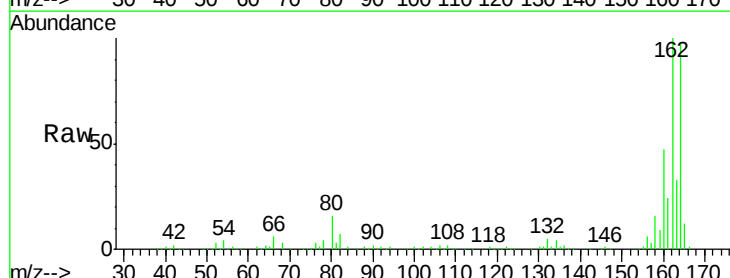
Tgt Ion:164 Resp: 230165

Ion Ratio Lower Upper

164 100

162 103.1 82.1 123.1

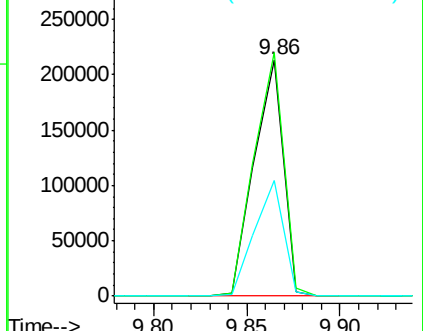
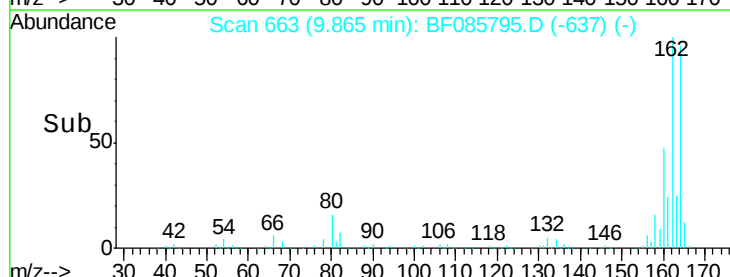
160 48.7 37.4 56.2

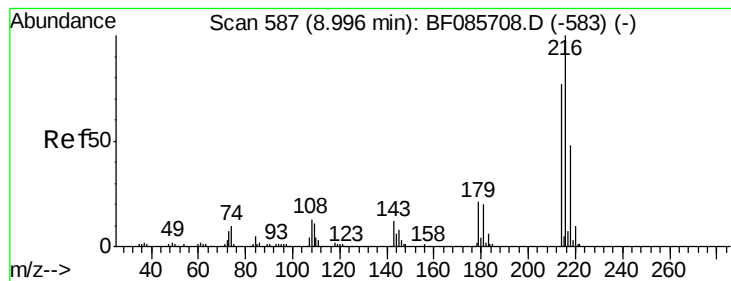


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.72 ng

RT: 8.98 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 264308

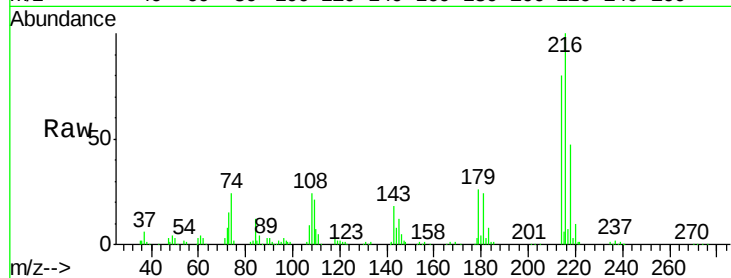
Ion Ratio Lower Upper

216 100

214 79.3 63.1 94.7

179 23.8 18.2 27.2

108 23.2 17.3 25.9

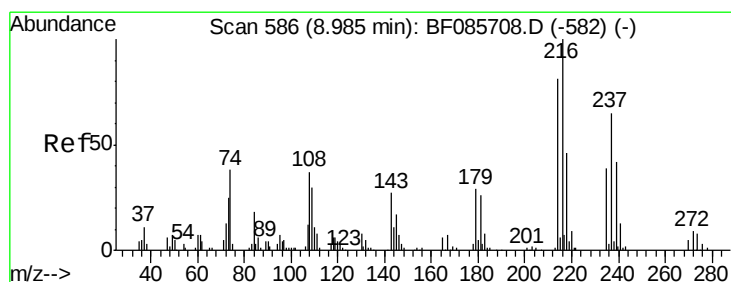
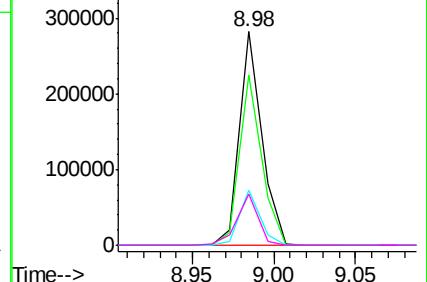
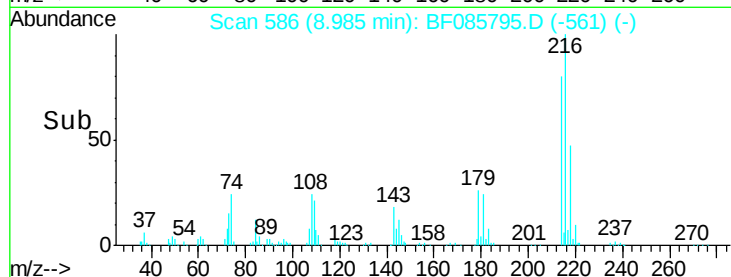


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.56 ng

RT: 8.97 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

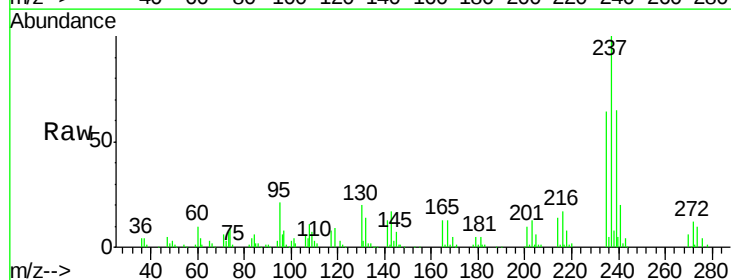
Tgt Ion:237 Resp: 94382

Ion Ratio Lower Upper

237 100

235 64.1 43.7 83.7

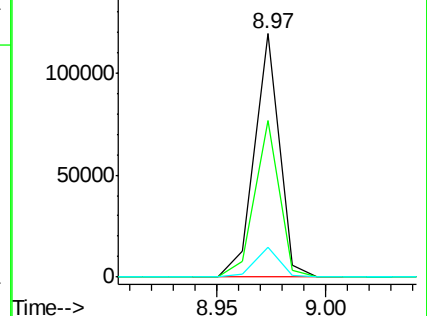
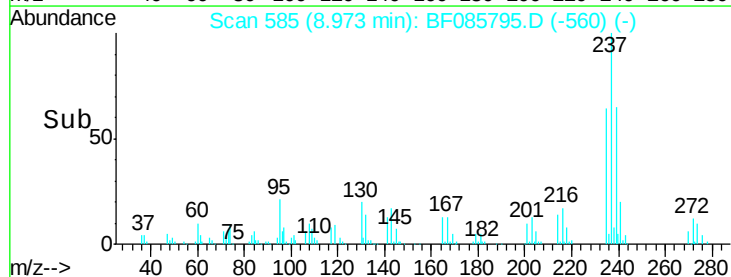
272 12.3 0.0 31.9

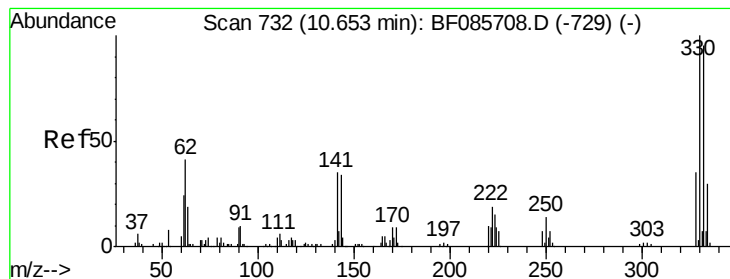


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

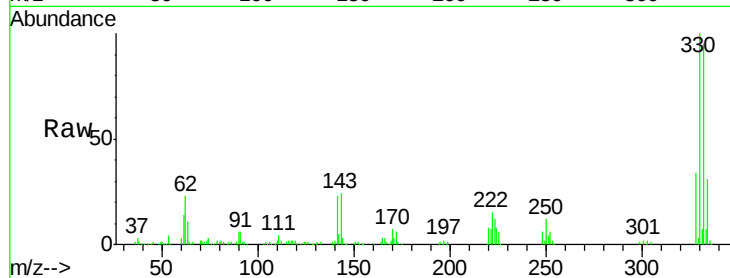




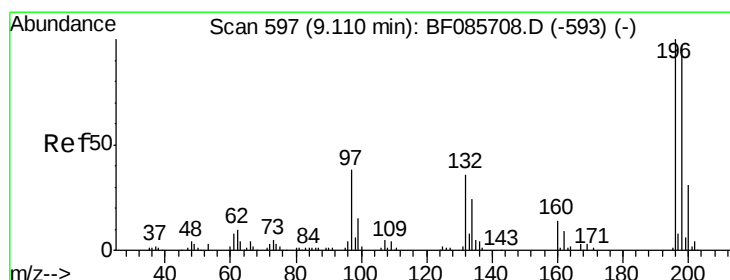
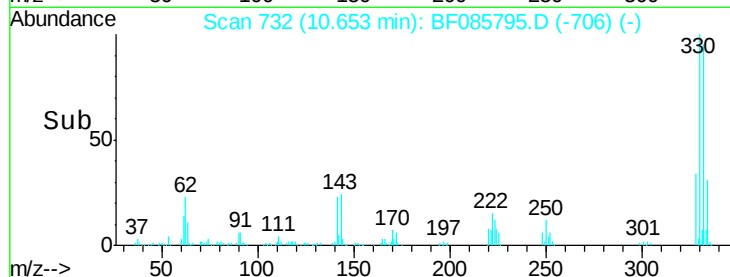
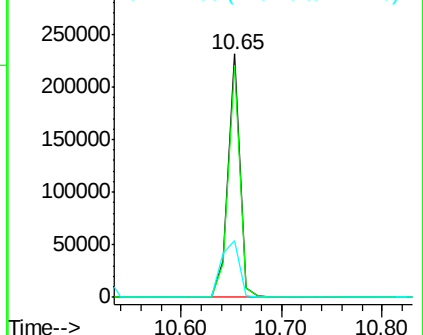
#41
 2,4,6-Tribromophenol
 Concen: 87.59 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085795.D
 Acq: 28 Mar 2016 12:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 191550
 Ion Ratio Lower Upper
 330 100
 332 94.8 78.2 117.2
 141 35.6 31.5 47.3

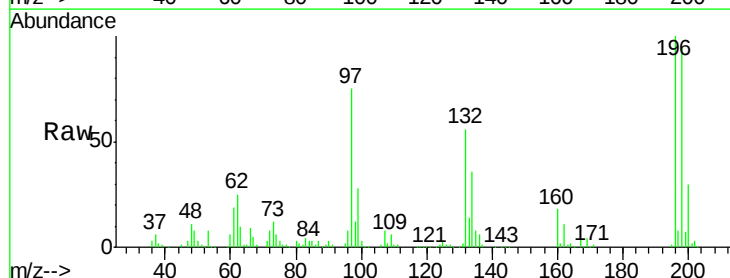


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

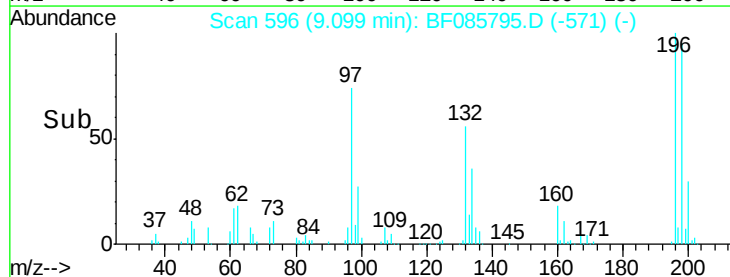
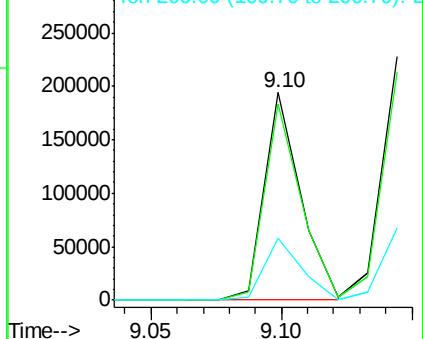


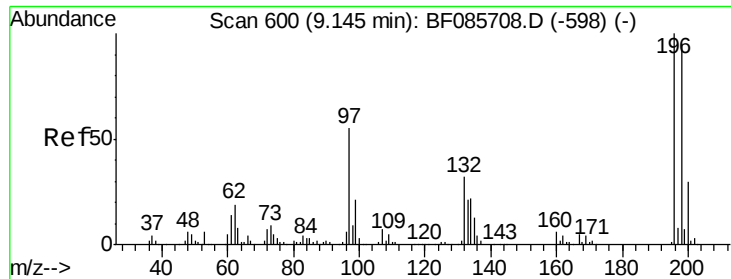
#42
 2,4,6-Trichlorophenol
 Concen: 40.23 ng
 RT: 9.10 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF085795.D
 Acq: 28 Mar 2016 12:08

Tgt Ion:196 Resp: 185450
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.3 112.9
 200 29.8 23.7 35.5



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

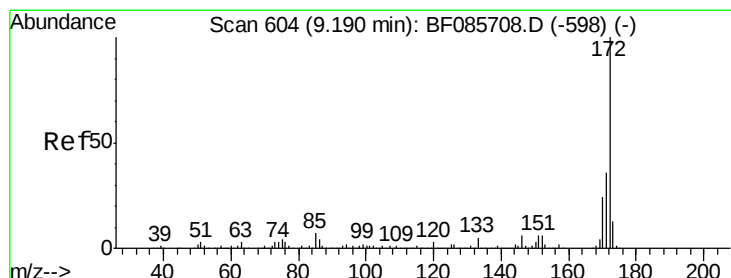
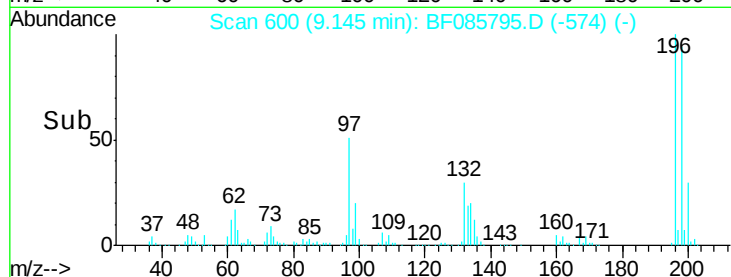
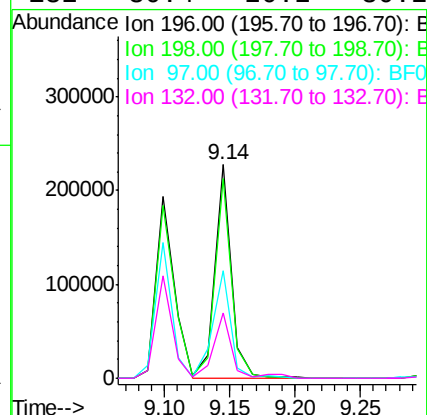
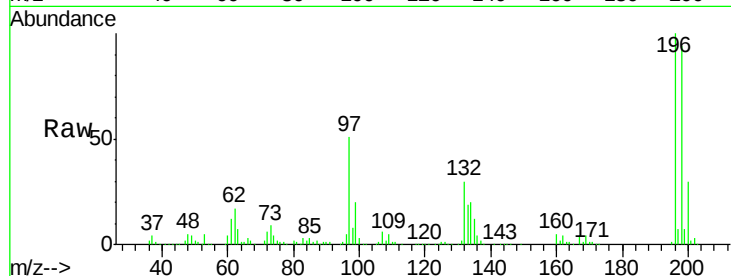




#43
 2,4,5-Trichlorophenol
 Concen: 41.40 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF085795.D
 Acq: 28 Mar 2016 12:08

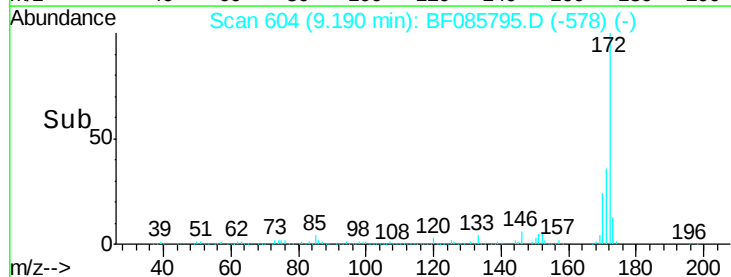
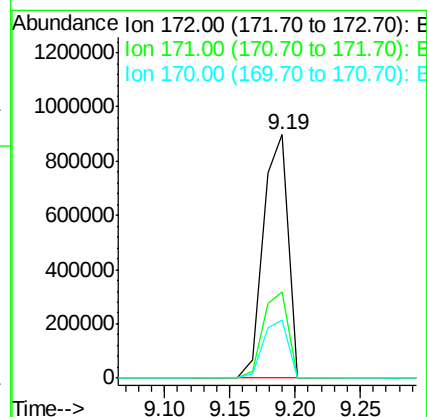
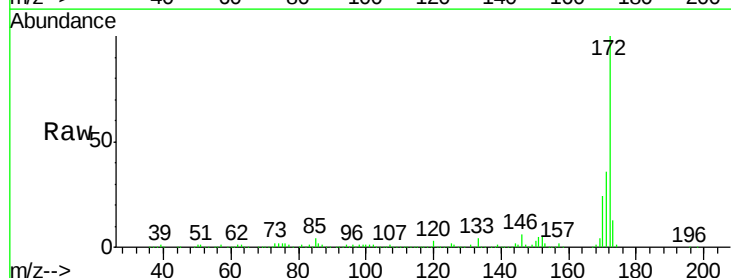
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

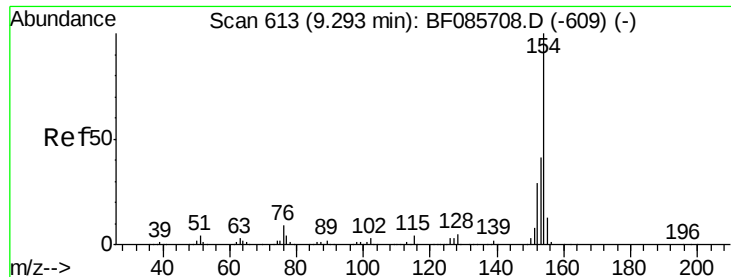
Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.7	76.6	114.8
97	50.6	30.5	45.7#
132	30.4	20.2	30.2#



#44
 2-Fluorobiphenyl
 Concen: 86.03 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085795.D
 Acq: 28 Mar 2016 12:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.2
170	24.0	19.8	29.6





#45

1,1'-Biphenyl

Concen: 38.09 ng

RT: 9.28 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

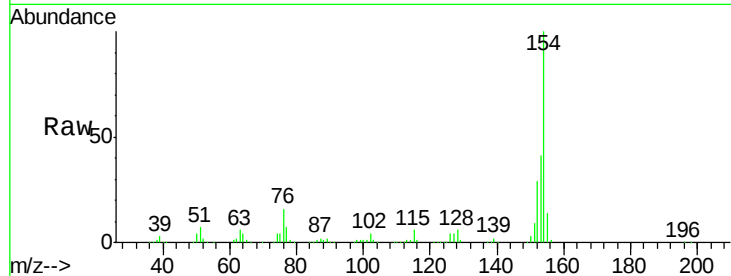
Tgt Ion:154 Resp: 739828

Ion Ratio Lower Upper

154 100

153 41.2 20.8 60.8

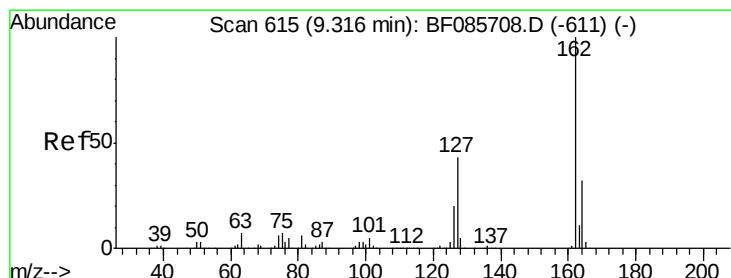
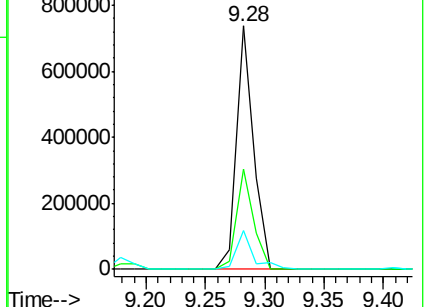
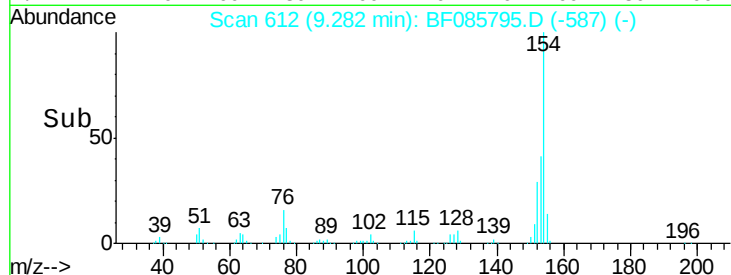
76 15.7 0.0 36.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.61 ng

RT: 9.30 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

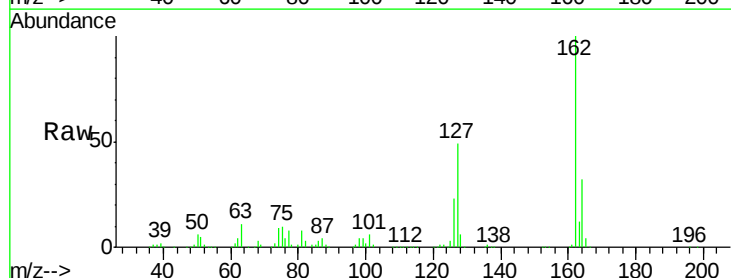
Tgt Ion:162 Resp: 579939

Ion Ratio Lower Upper

162 100

127 49.5 31.7 47.5#

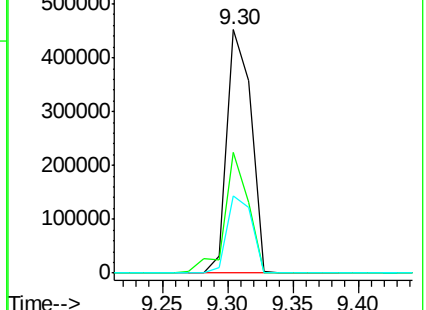
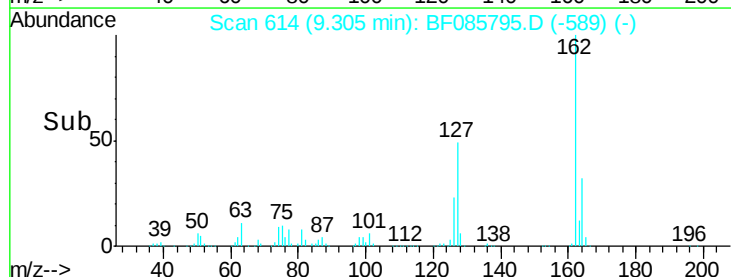
164 31.9 27.3 40.9

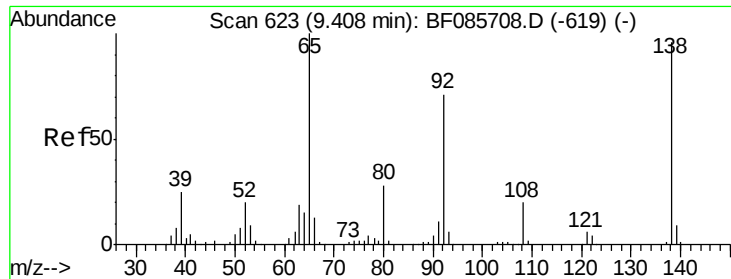


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

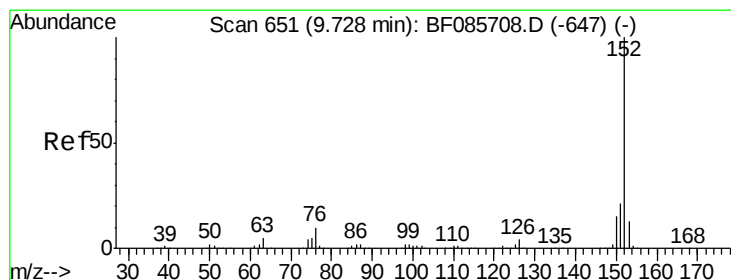
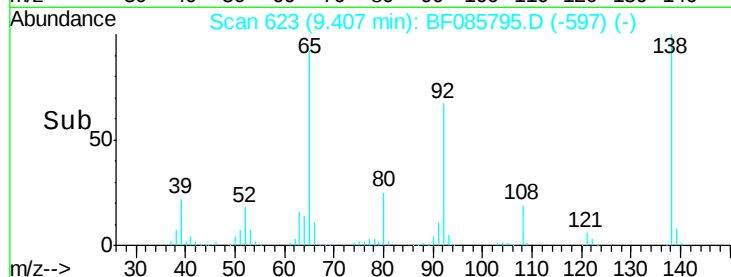
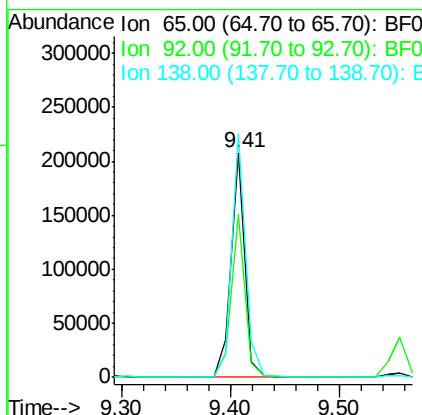
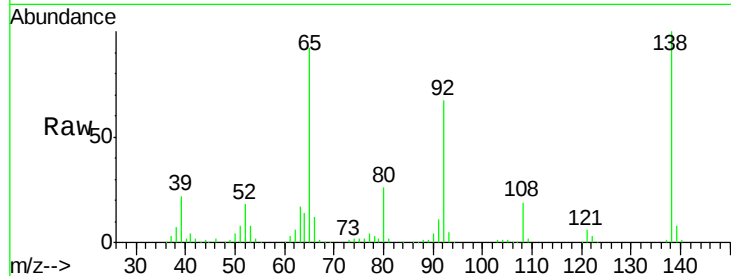




#47
2-Nitroaniline
Concen: 41.21 ng
RT: 9.41 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF085795.D
Acq: 28 Mar 2016 12:08

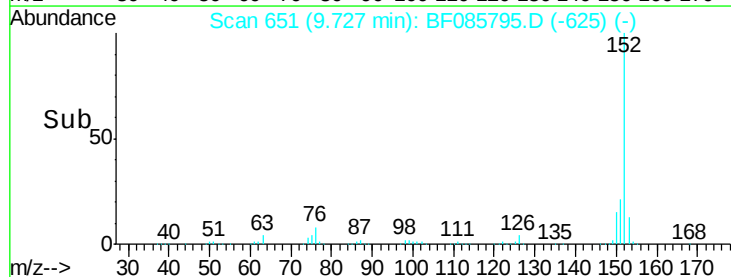
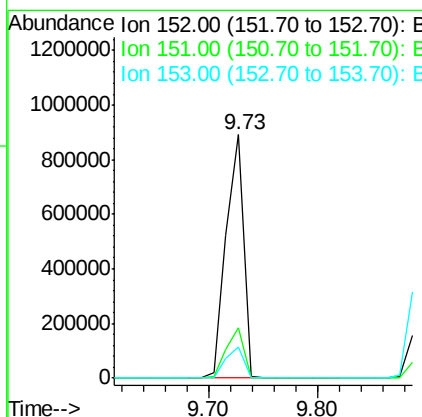
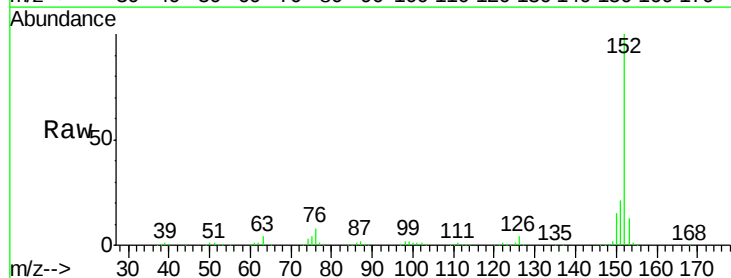
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

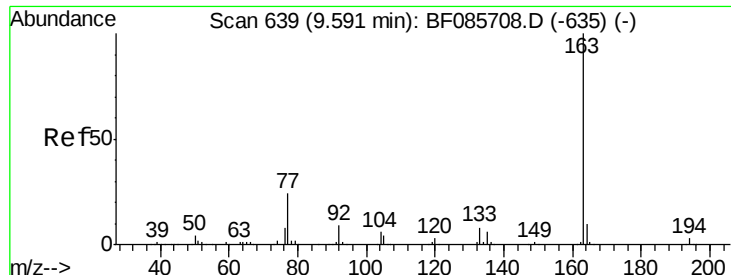
Tgt Ion: 65 Resp: 179981
Ion Ratio Lower Upper
65 100
92 72.6 59.7 89.5
138 108.4 91.4 137.0



#48
Acenaphthylene
Concen: 42.65 ng
RT: 9.73 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF085795.D
Acq: 28 Mar 2016 12:08

Tgt Ion: 152 Resp: 992355
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 12.9 10.9 16.3





#49

Dimethylphthalate

Concen: 40.15 ng

RT: 9.59 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

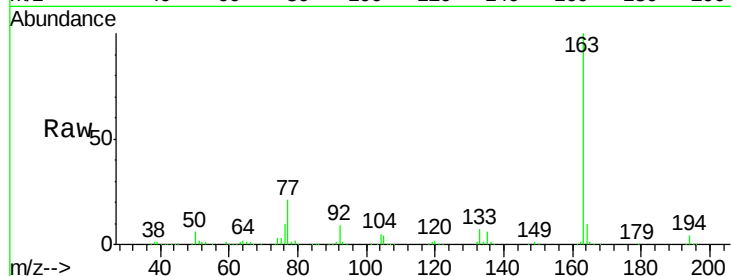
Tgt Ion:163 Resp: 701069

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

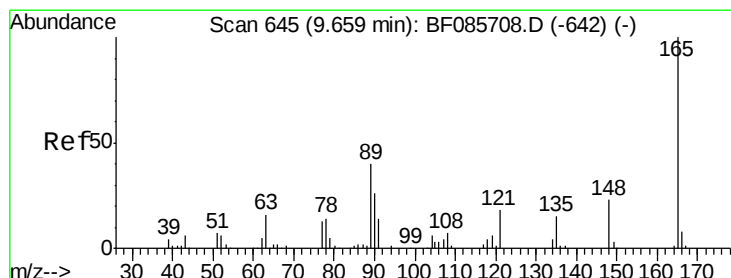
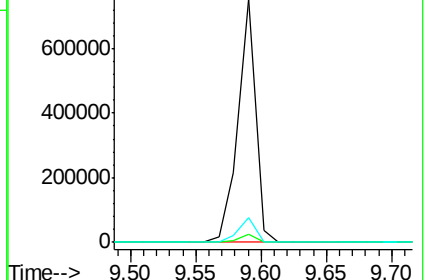
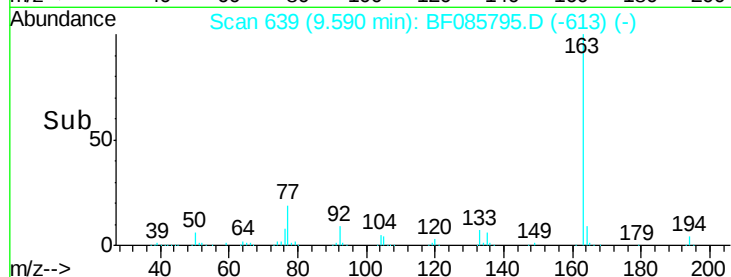
164 10.3 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.06 ng

RT: 9.65 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

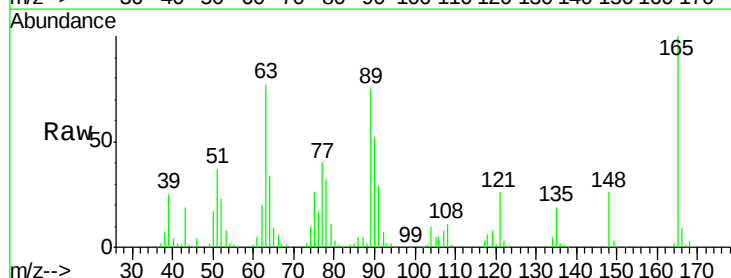
Tgt Ion:165 Resp: 139293

Ion Ratio Lower Upper

165 100

63 76.7 51.8 77.8

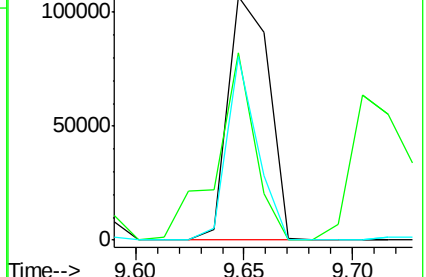
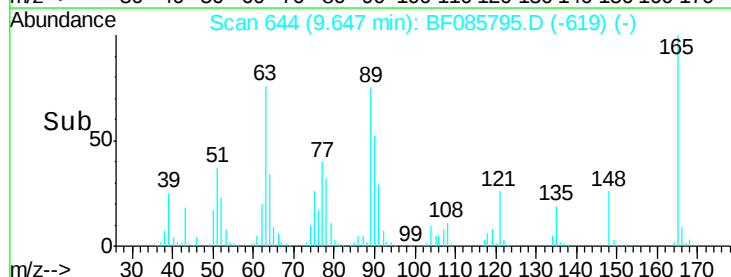
89 75.1 53.7 80.5

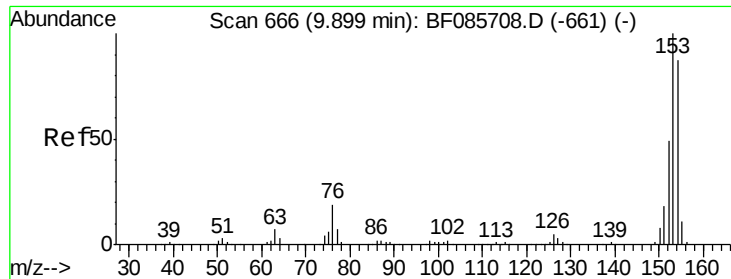


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.34 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

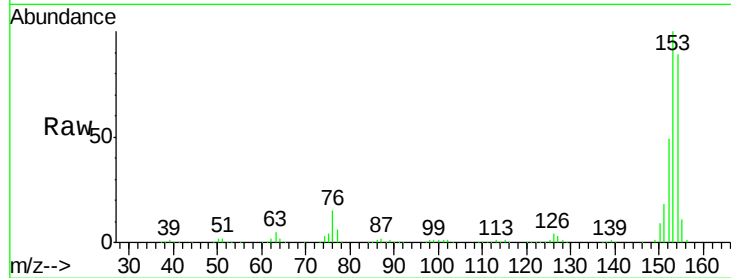
Tgt Ion:154 Resp: 587595

Ion Ratio Lower Upper

154 100

153 112.3 90.1 135.1

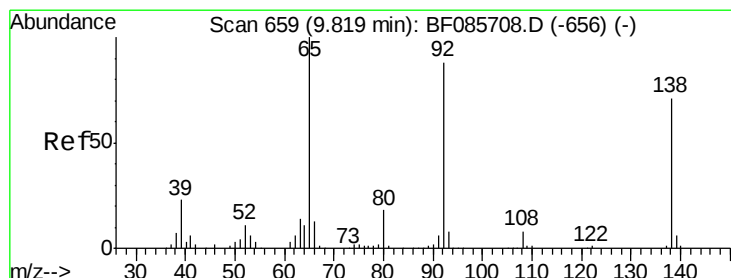
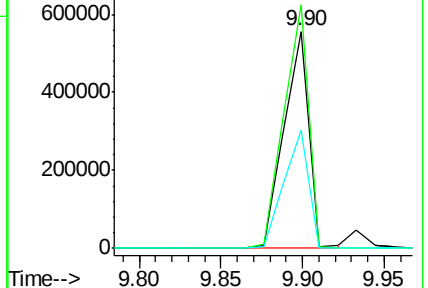
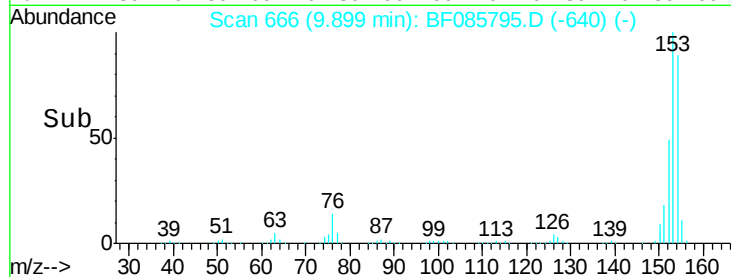
152 54.7 44.2 66.2



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: 36.90 ng

RT: 9.82 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

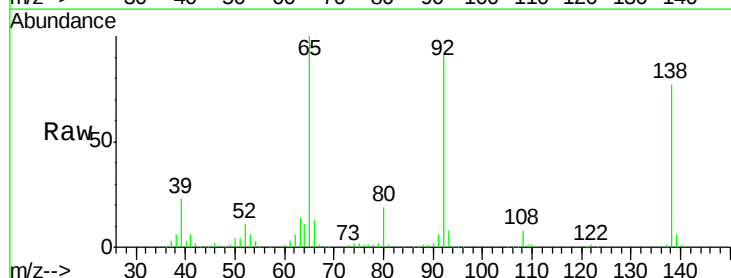
Tgt Ion:138 Resp: 158749

Ion Ratio Lower Upper

138 100

108 10.6 8.7 13.1

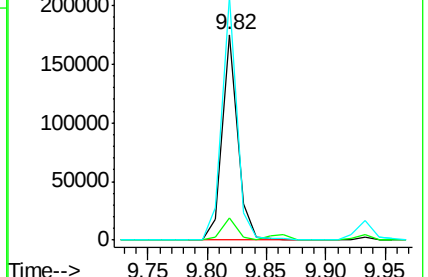
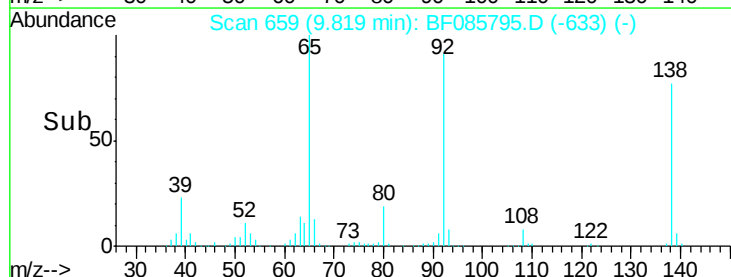
92 118.3 93.3 139.9

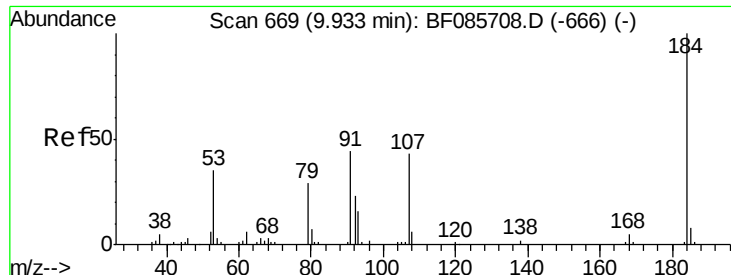


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

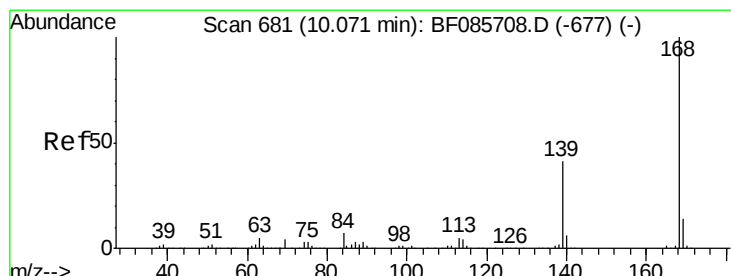
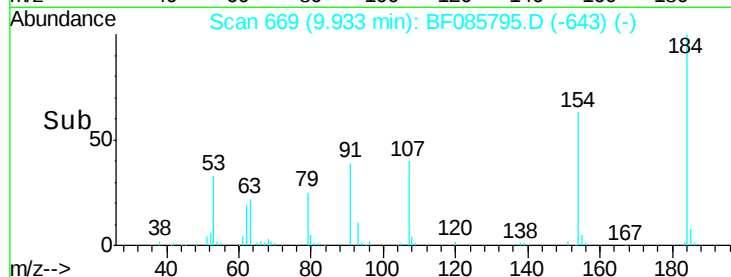
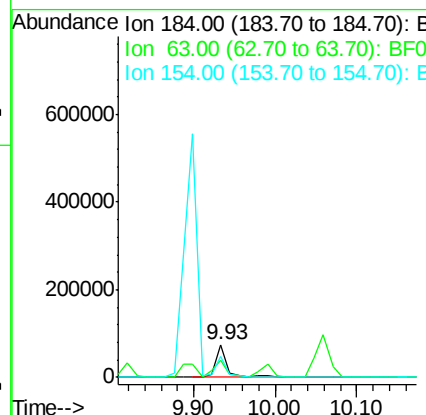
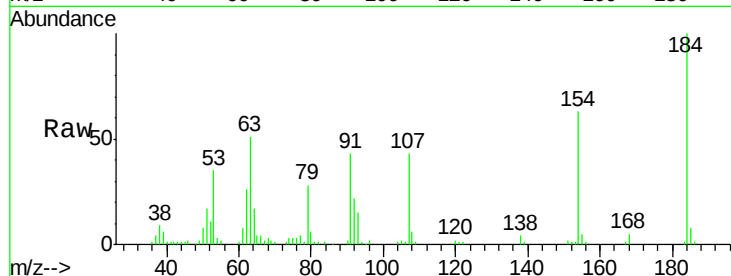




#53
2,4-Dinitrophenol
Concen: 41.92 ng
RT: 9.93 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF085795.D
Acq: 28 Mar 2016 12:08

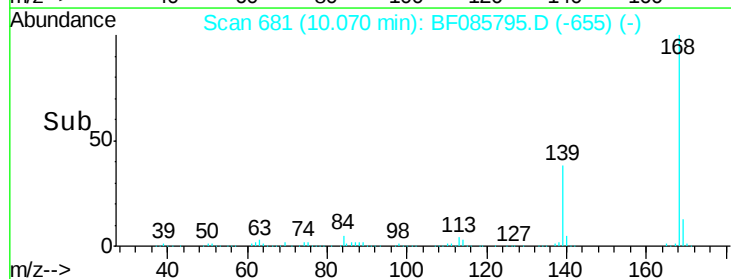
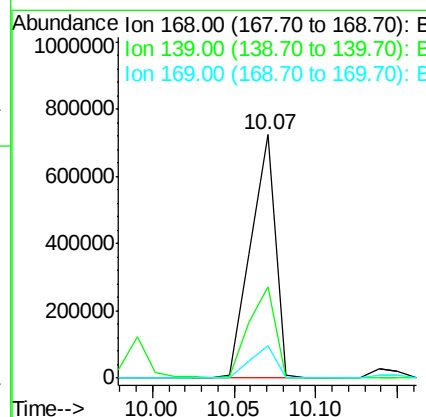
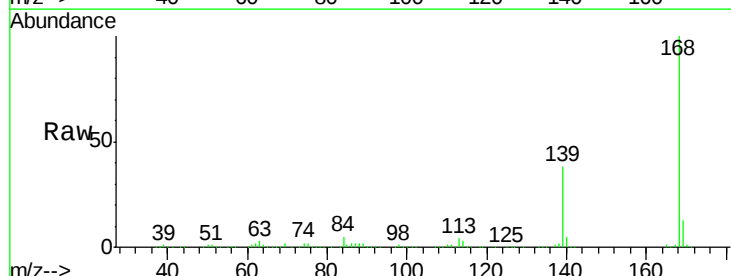
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

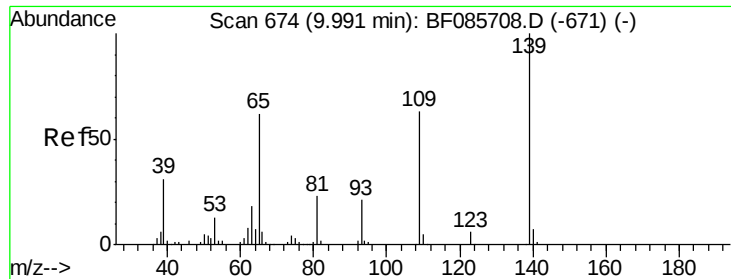
Tgt Ion:184 Resp: 73699
Ion Ratio Lower Upper
184 100
63 51.1 69.5 104.3#
154 62.7 58.3 87.5



#54
Dibenzofuran
Concen: 41.25 ng
RT: 10.07 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF085795.D
Acq: 28 Mar 2016 12:08

Tgt Ion:168 Resp: 758848
Ion Ratio Lower Upper
168 100
139 37.6 31.9 47.9
169 13.3 11.0 16.6





#55

4-Nitrophenol

Concen: 42.47 ng

RT: 9.99 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

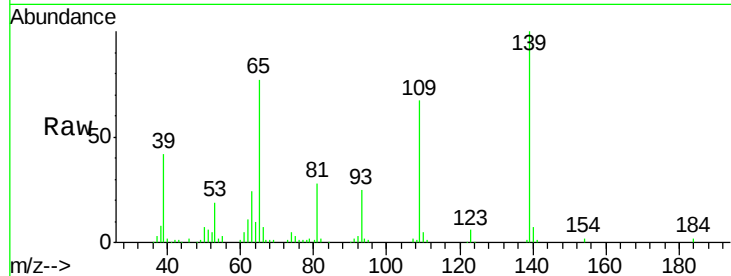
Tgt Ion:139 Resp: 119029

Ion Ratio Lower Upper

139 100

109 66.7 49.2 89.2

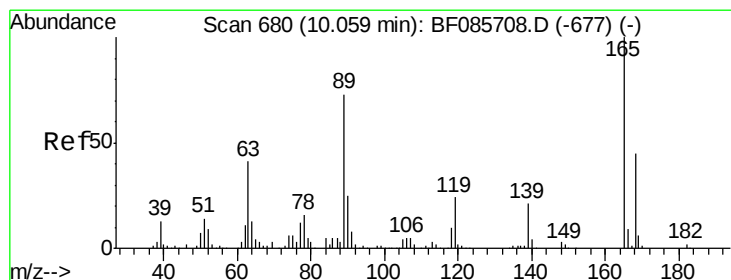
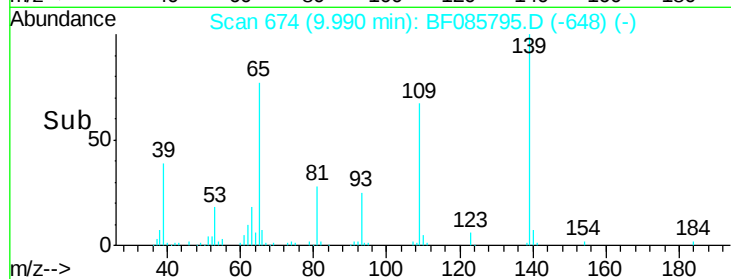
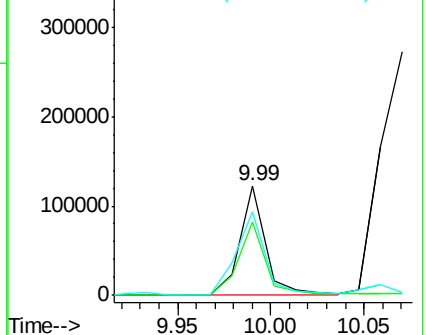
65 77.0 66.9 106.9



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: 42.77 ng

RT: 10.06 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Tgt Ion:165 Resp: 204331

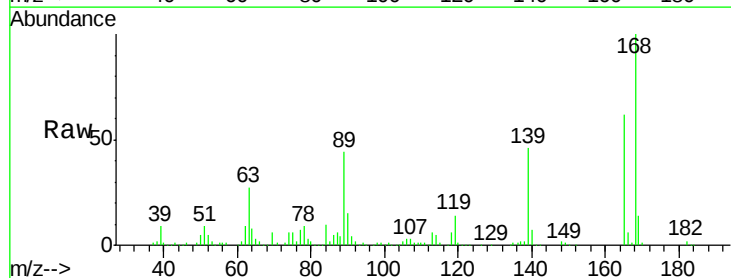
Ion Ratio Lower Upper

165 100

63 42.9 24.9 37.3#

89 70.1 41.0 61.6#

182 2.6 2.1 3.1

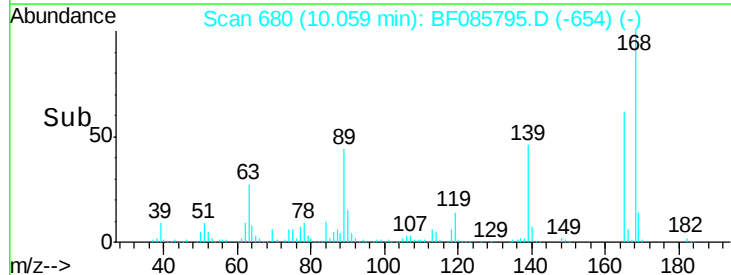
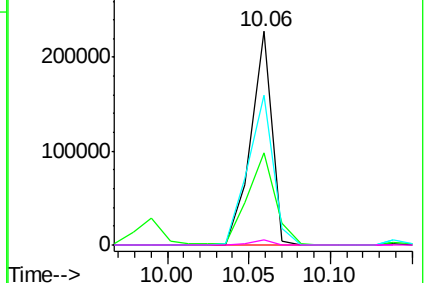


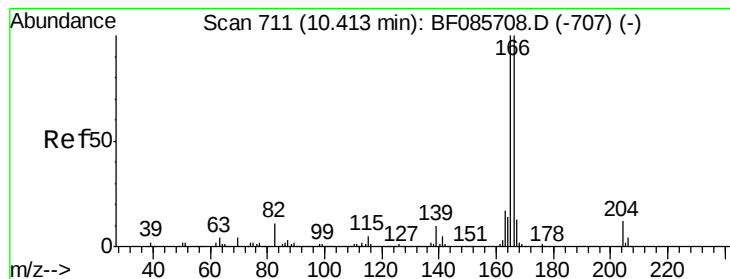
Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.91 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

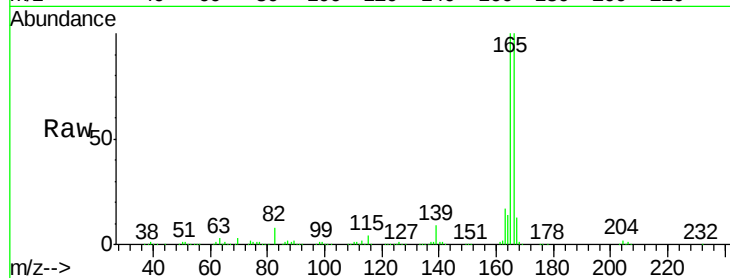
Tgt Ion:166 Resp: 625670

Ion Ratio Lower Upper

166 100

165 99.9 79.4 119.0

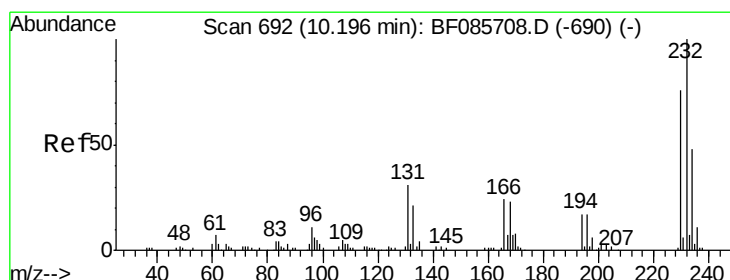
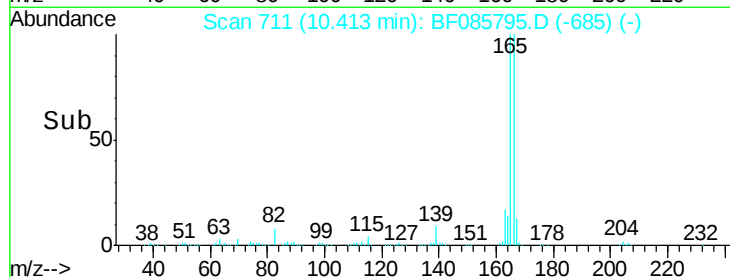
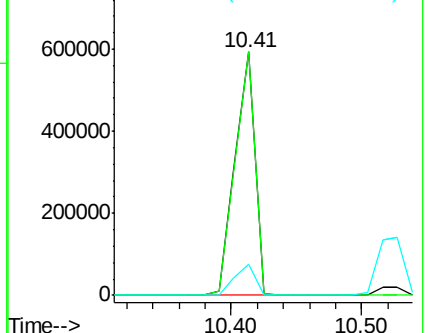
167 13.0 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.89 ng

RT: 10.18 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Tgt Ion:232 Resp: 130675

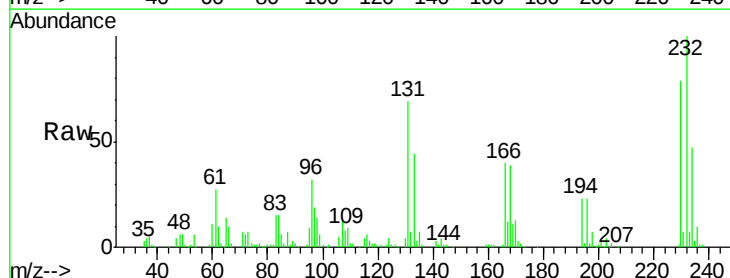
Ion Ratio Lower Upper

232 100

131 57.0 44.9 67.3

130 3.1 2.3 3.5

166 34.7 28.1 42.1

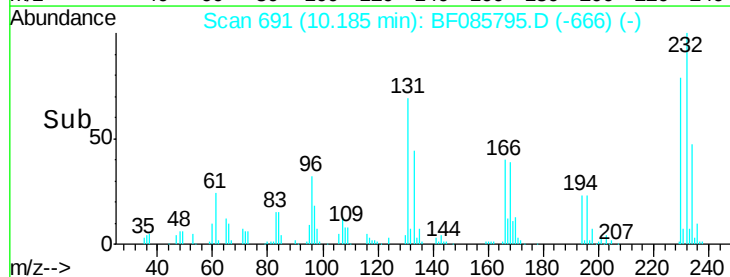
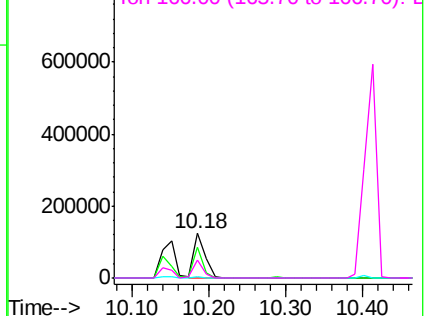


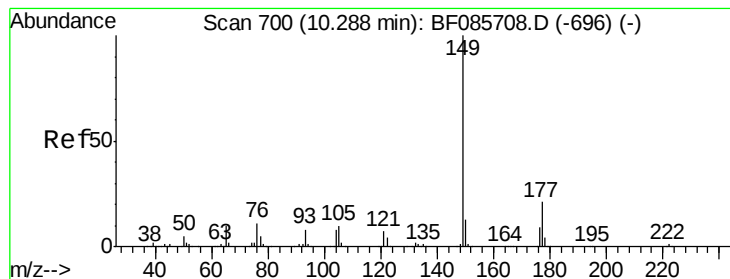
Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.10 ng

RT: 10.29 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

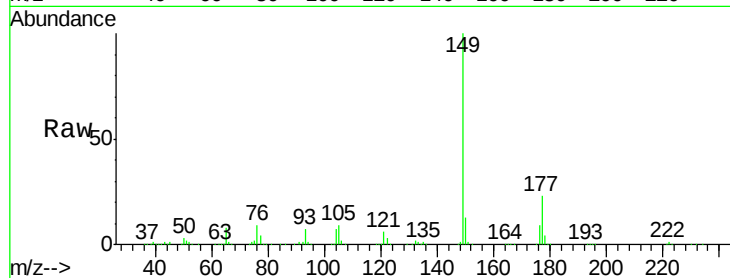
Tgt Ion:149 Resp: 726274

Ion Ratio Lower Upper

149 100

177 22.8 17.9 26.9

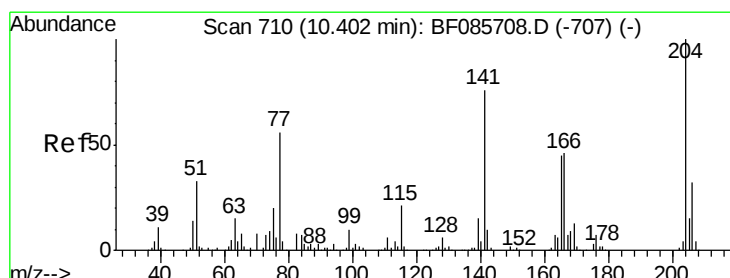
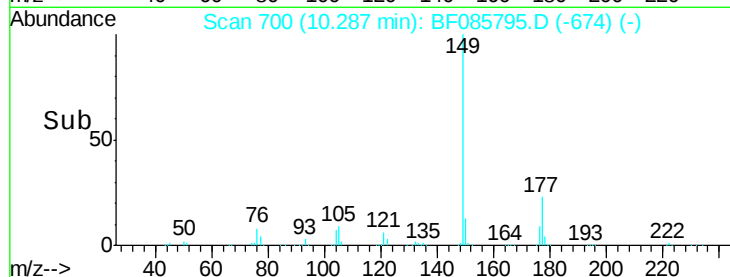
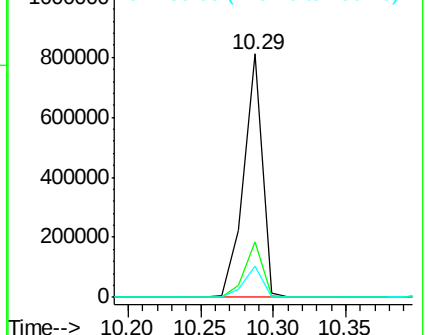
150 12.6 10.2 15.2



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: 41.19 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

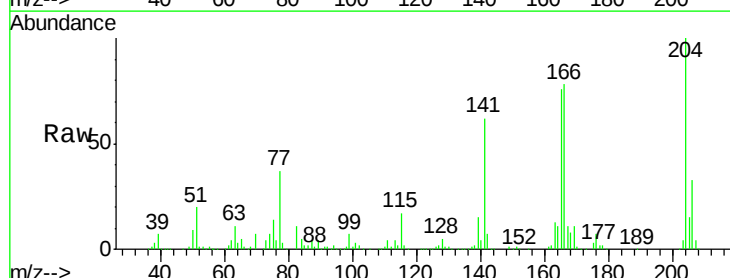
Tgt Ion:204 Resp: 307956

Ion Ratio Lower Upper

204 100

206 33.0 26.6 39.8

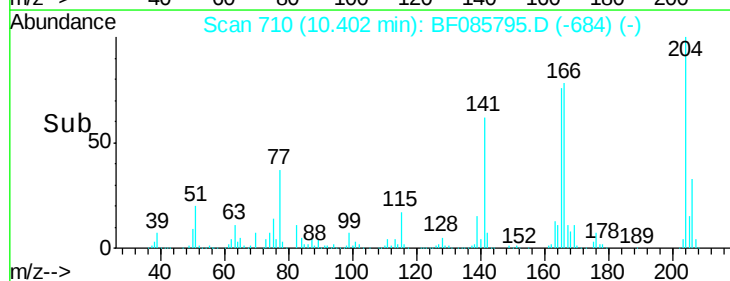
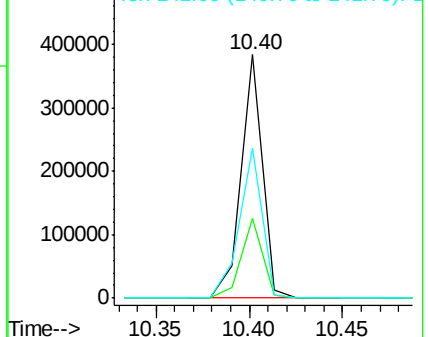
141 61.9 57.4 86.0

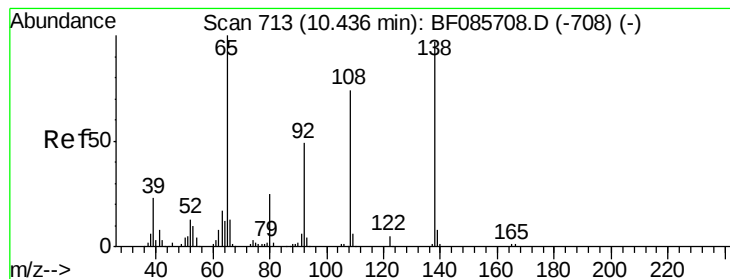


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.75 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

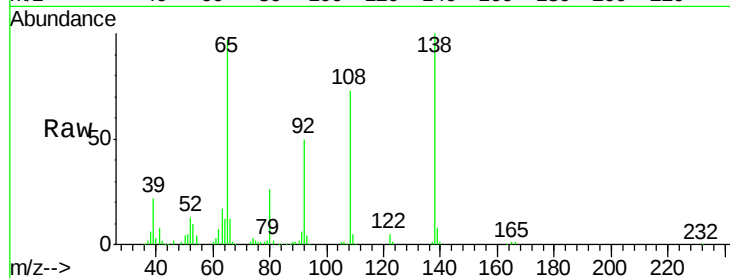
Tgt Ion:138 Resp: 171795

Ion Ratio Lower Upper

138 100

92 49.5 26.4 66.4

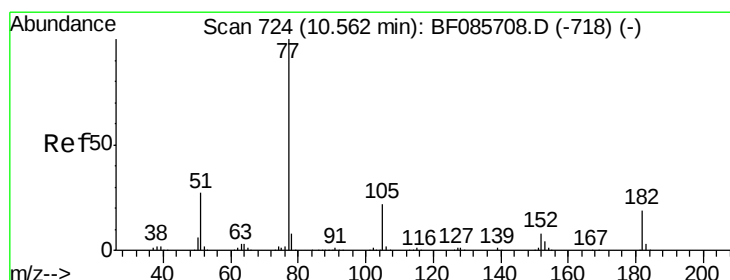
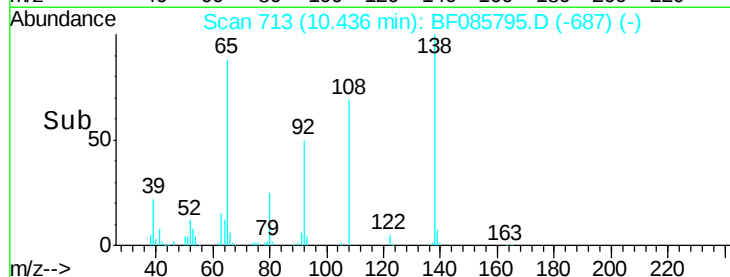
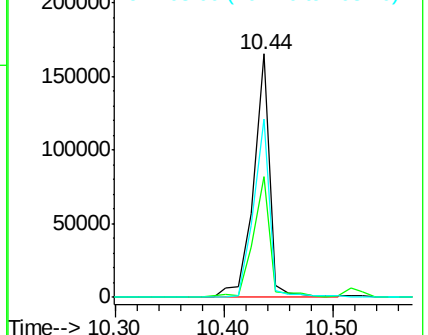
108 73.2 49.0 89.0



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: 42.55 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Tgt Ion: 77 Resp: 705415

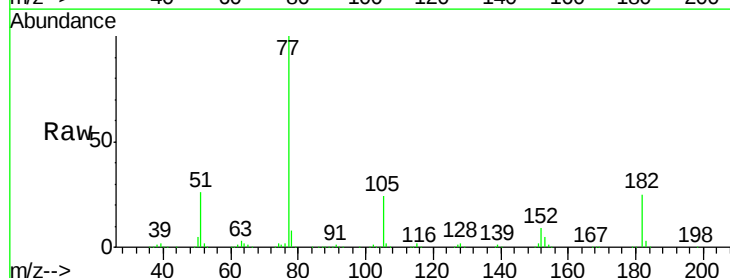
Ion Ratio Lower Upper

77 100

182 24.5 1.9 41.9

105 24.3 3.5 43.5

51 25.6 6.3 46.3

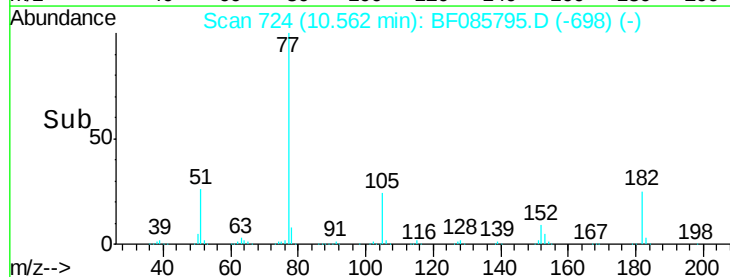
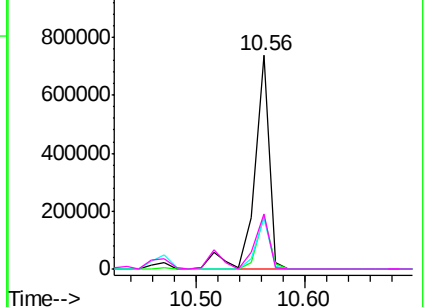


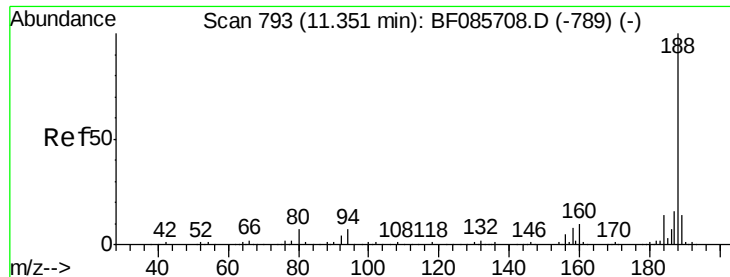
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

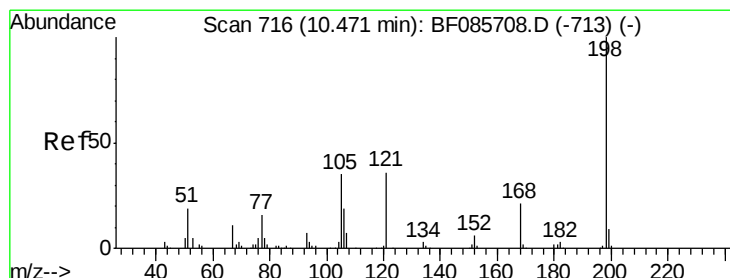
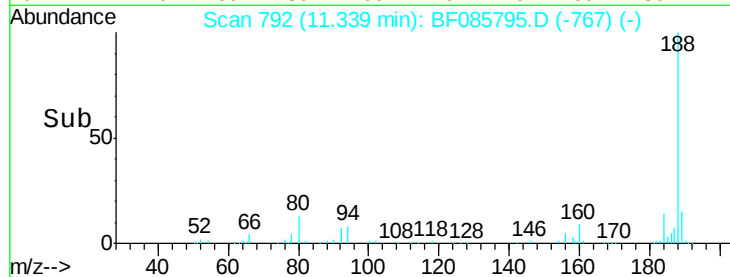
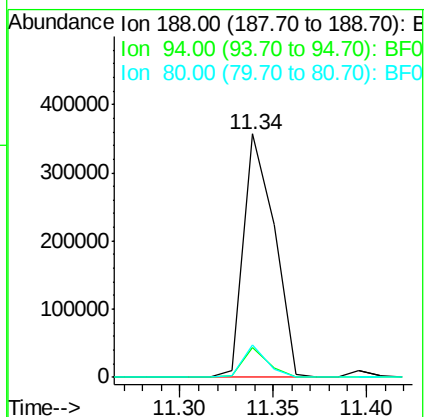
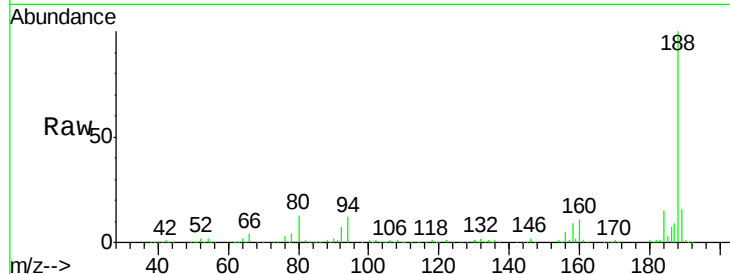




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085795.D
Acq: 28 Mar 2016 12:08

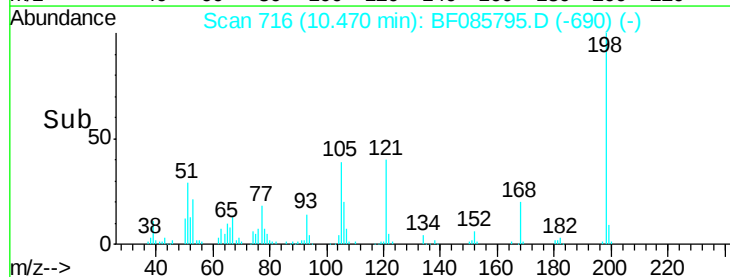
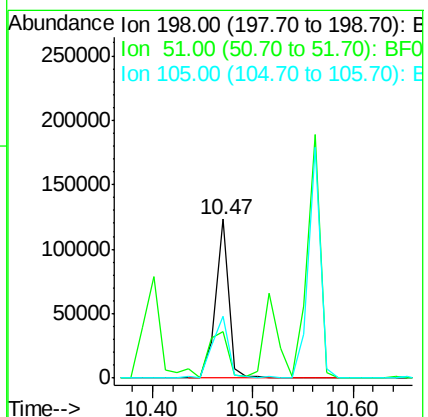
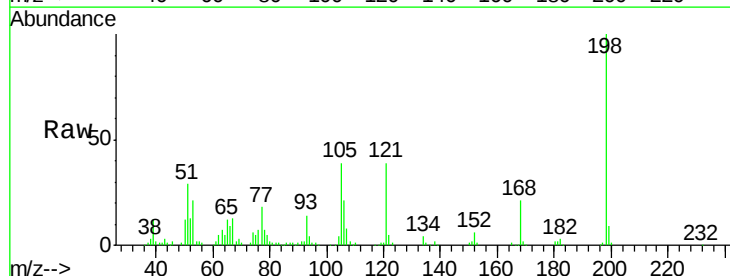
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

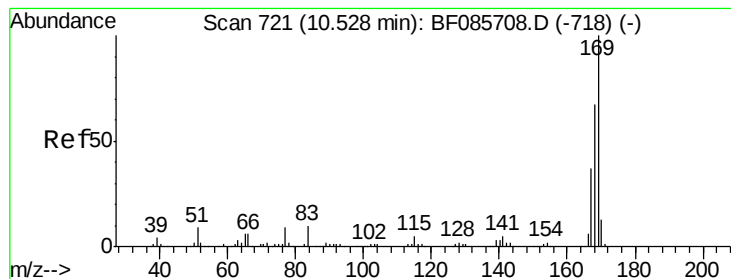
Tgt Ion:188 Resp: 408512
Ion Ratio Lower Upper
188 100
94 12.2 5.4 8.0#
80 13.4 5.5 8.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 46.50 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF085795.D
Acq: 28 Mar 2016 12:08

Tgt Ion:198 Resp: 111257
Ion Ratio Lower Upper
198 100
51 29.2 45.4 85.4#
105 39.1 45.9 85.9#

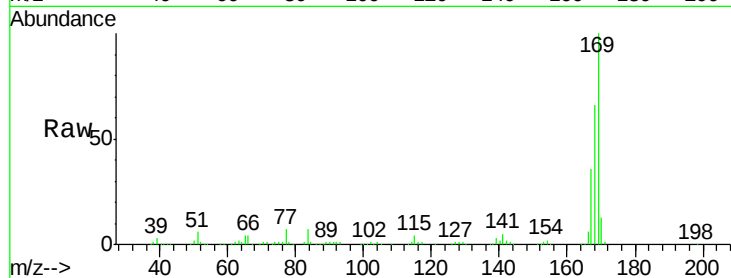




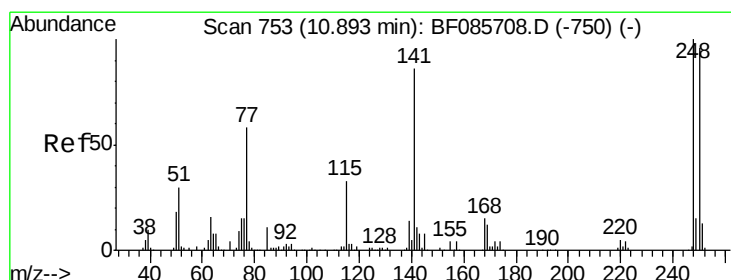
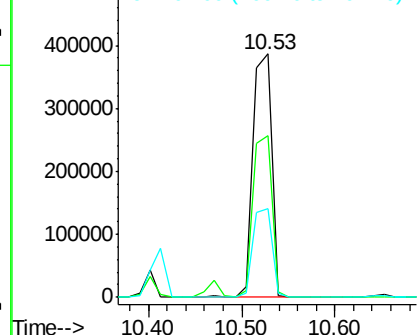
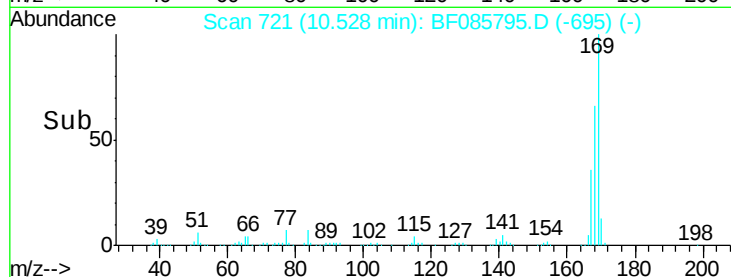
#65
 n-Nitrosodiphenylamine
 Concen: 41.17 ng
 RT: 10.53 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF085795.D
 Acq: 28 Mar 2016 12:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:169 Resp: 532725
 Ion Ratio Lower Upper
 169 100
 168 66.4 54.4 81.6
 167 36.2 29.4 44.0

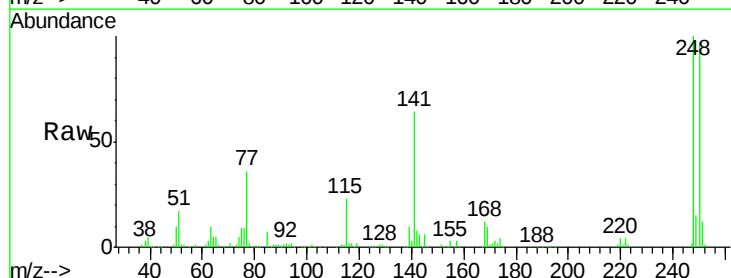


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

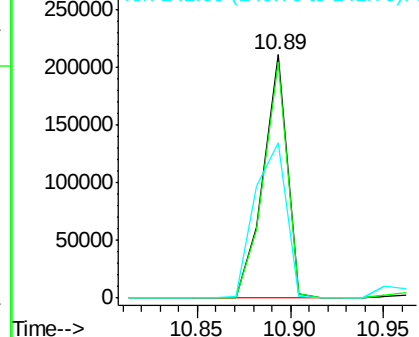
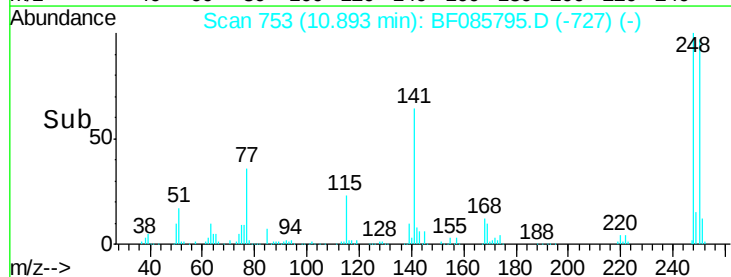


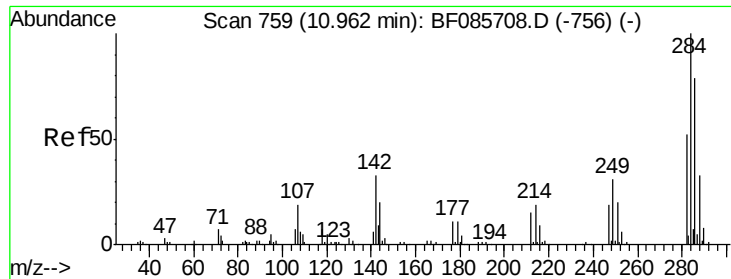
#66
 4-Bromophenyl-phenylether
 Concen: 45.59 ng
 RT: 10.89 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF085795.D
 Acq: 28 Mar 2016 12:08

Tgt Ion:248 Resp: 190539
 Ion Ratio Lower Upper
 248 100
 250 96.9 77.4 116.0
 141 63.6 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

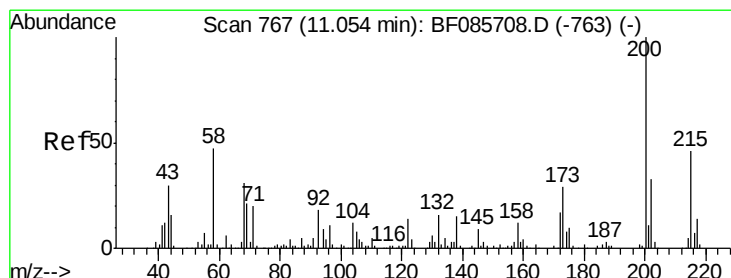
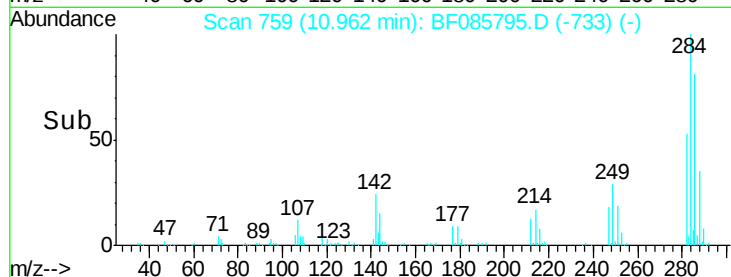
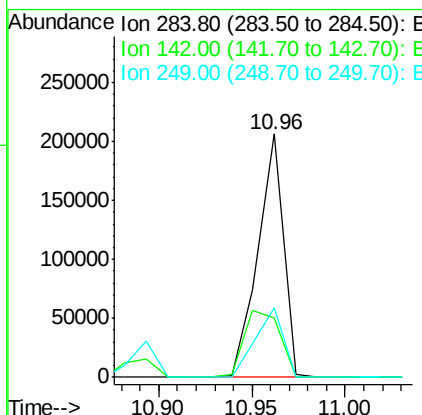
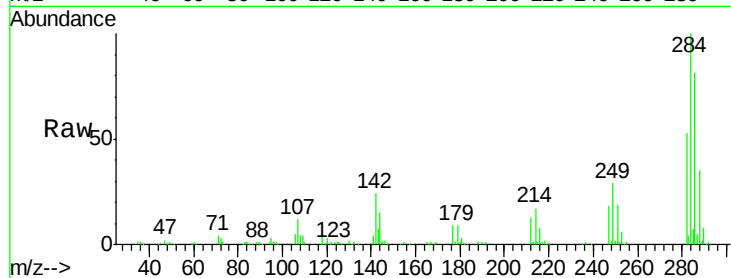




#67
Hexachlorobenzene
Concen: 44.59 ng
RT: 10.96 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF085795.D
Acq: 28 Mar 2016 12:08

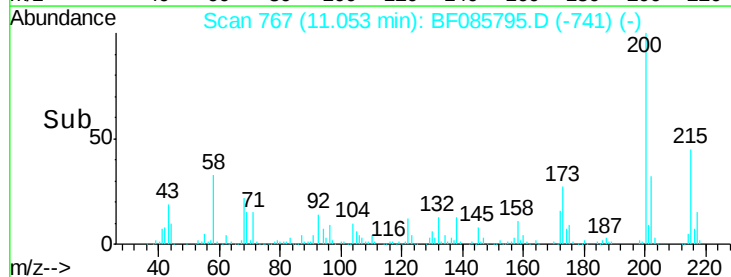
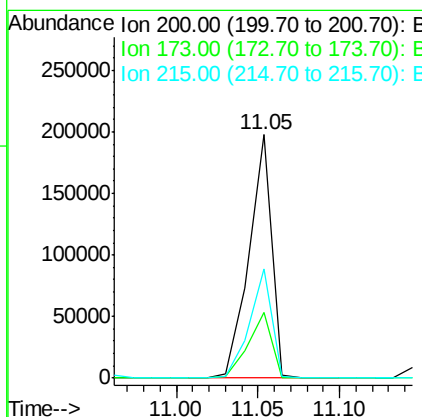
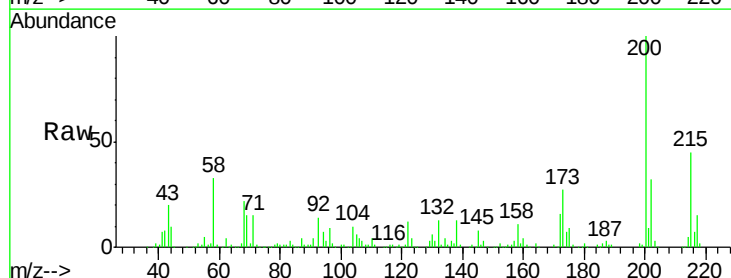
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

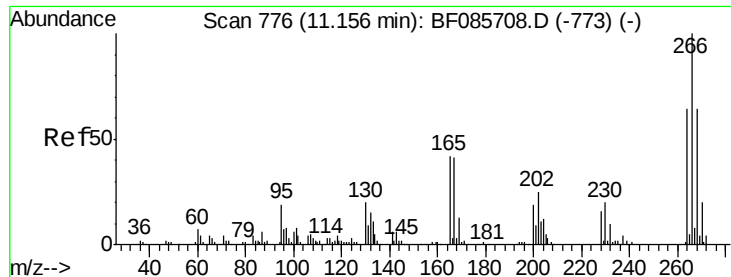
Tgt Ion:284 Resp: 194915
Ion Ratio Lower Upper
284 100
142 24.2 23.1 34.7
249 28.7 24.2 36.2



#68
Atrazine
Concen: 43.32 ng
RT: 11.05 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF085795.D
Acq: 28 Mar 2016 12:08

Tgt Ion:200 Resp: 189237
Ion Ratio Lower Upper
200 100
173 26.9 7.7 47.7
215 44.8 25.4 65.4

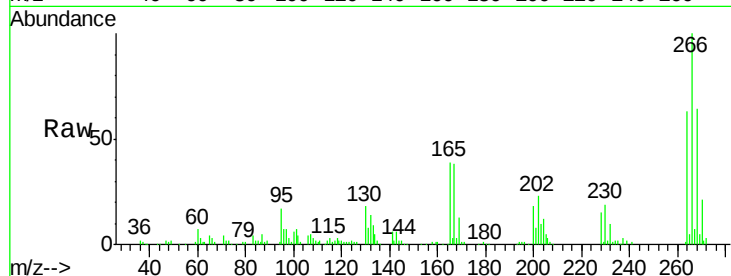




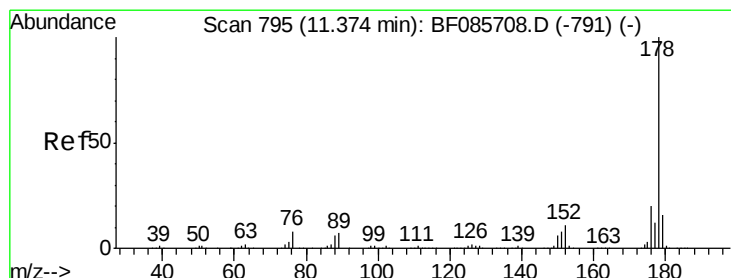
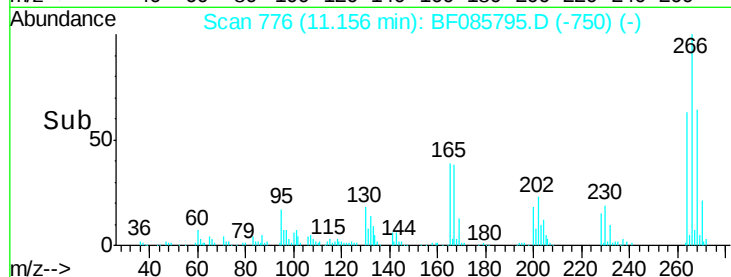
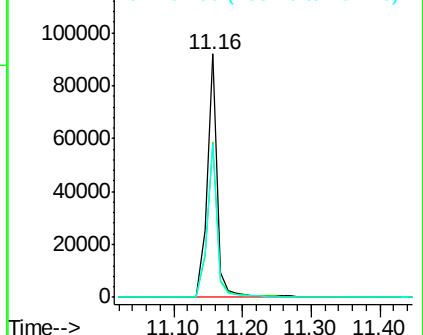
#69
 Pentachlorophenol
 Concen: 43.99 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF085795.D
 Acq: 28 Mar 2016 12:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 266 Resp: 94388
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.5 77.3
 264 63.0 50.6 76.0

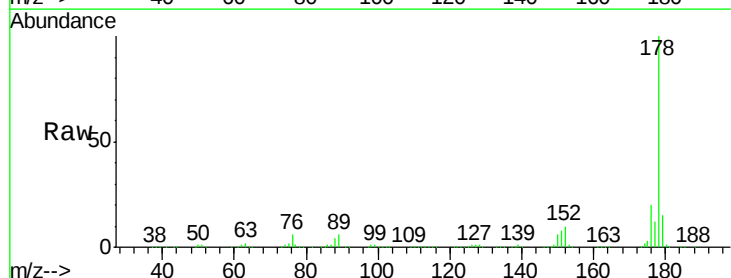


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

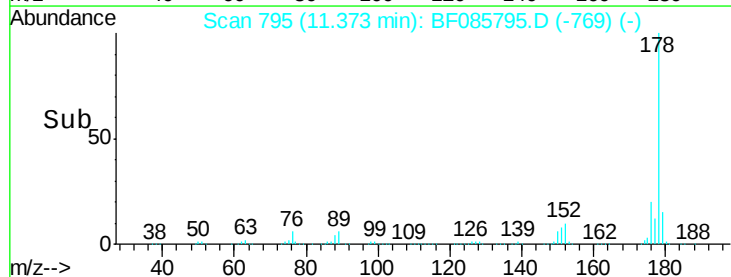
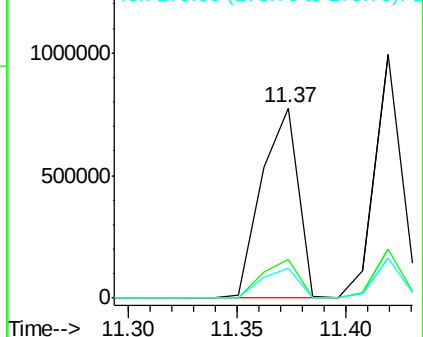


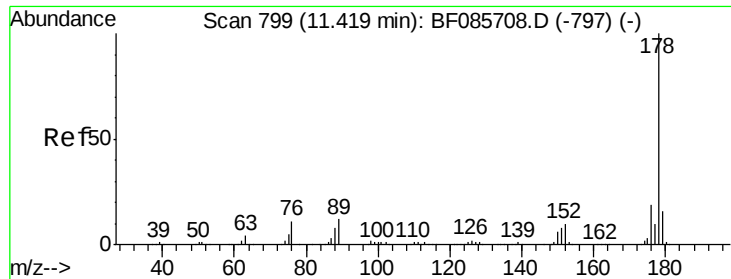
#70
 Phenanthrene
 Concen: 43.51 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF085795.D
 Acq: 28 Mar 2016 12:08

Tgt Ion: 178 Resp: 912551
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.3 24.5
 179 15.5 12.6 18.8



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

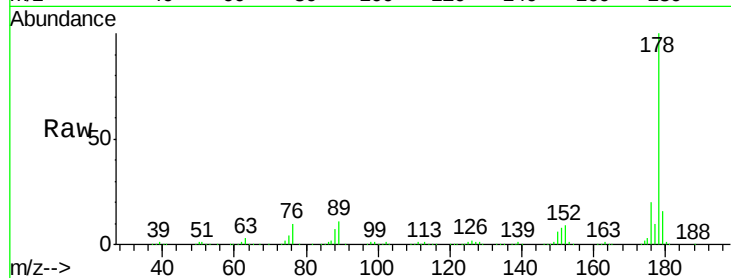




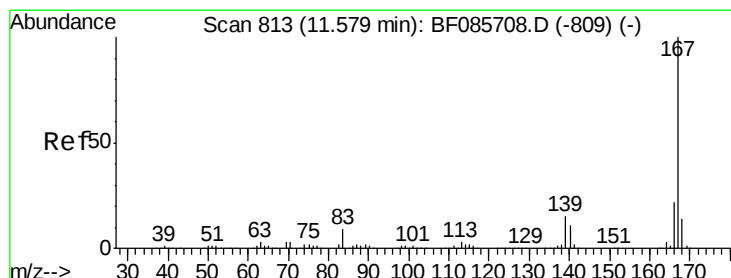
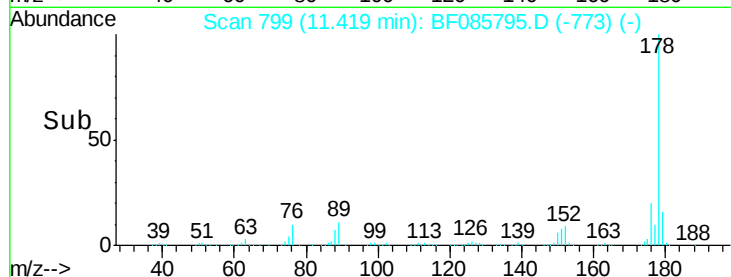
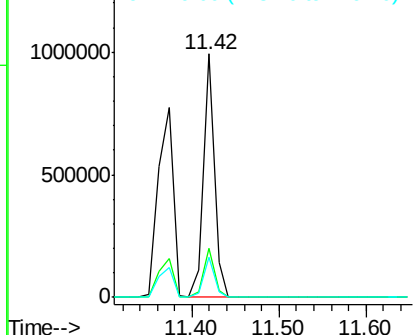
#71
 Anthracene
 Concen: 39.28 ng
 RT: 11.42 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF085795.D
 Acq: 28 Mar 2016 12:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 864880
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.9 23.9
 179 16.3 13.0 19.4

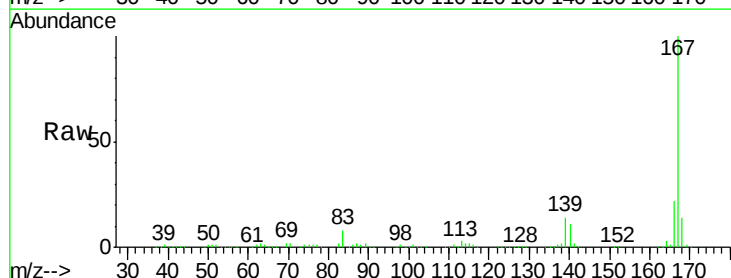


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

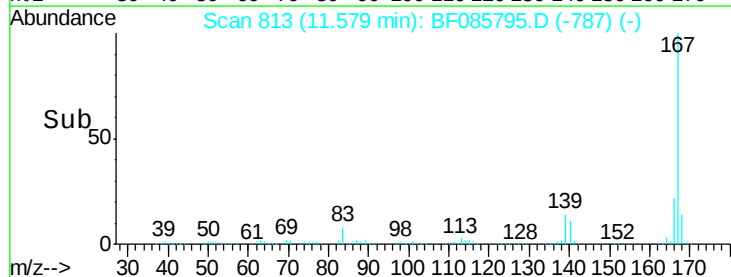
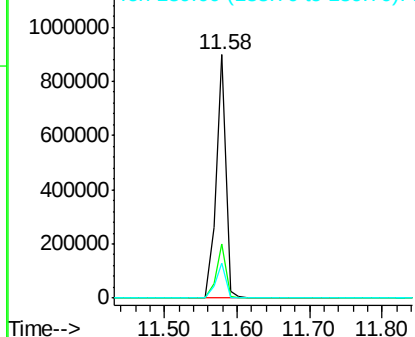


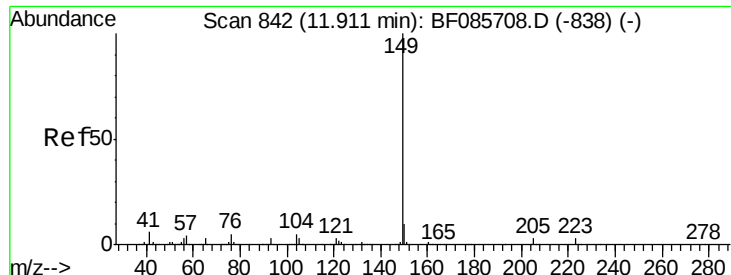
#72
 Carbazole
 Concen: 44.74 ng
 RT: 11.58 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF085795.D
 Acq: 28 Mar 2016 12:08

Tgt Ion:167 Resp: 827122
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 14.3 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: 42.87 ng

RT: 11.91 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

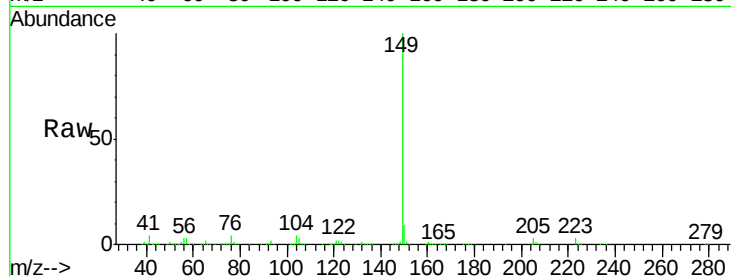
Tgt Ion:149 Resp: 1087668

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

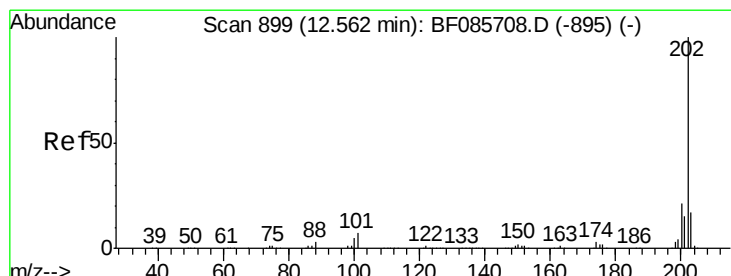
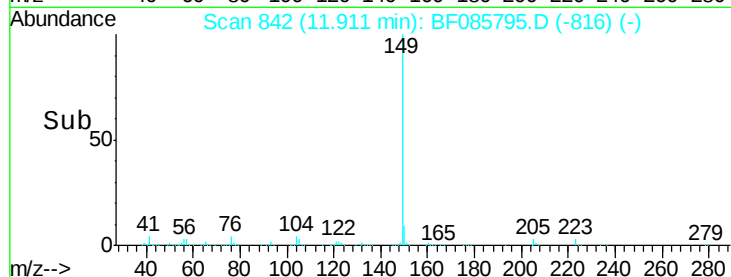
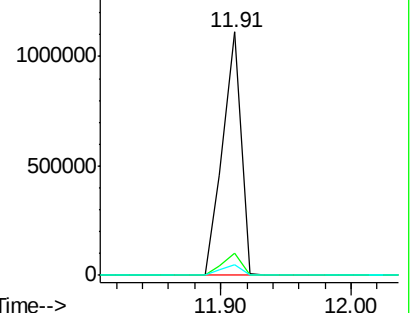
104 4.3 3.8 5.8



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: 35.46 ng

RT: 12.55 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

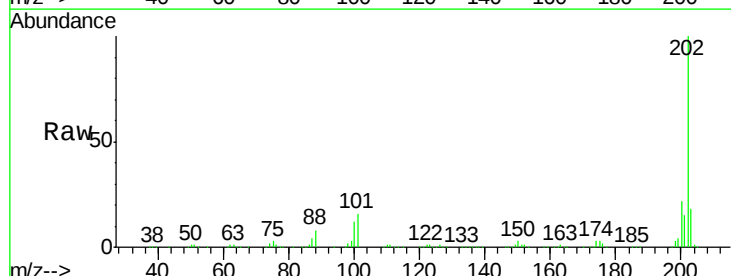
Tgt Ion:202 Resp: 790594

Ion Ratio Lower Upper

202 100

101 15.7 0.0 36.6

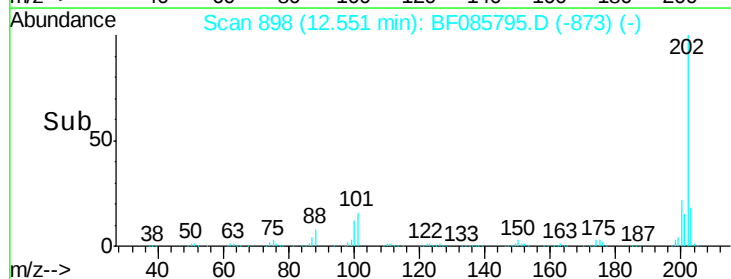
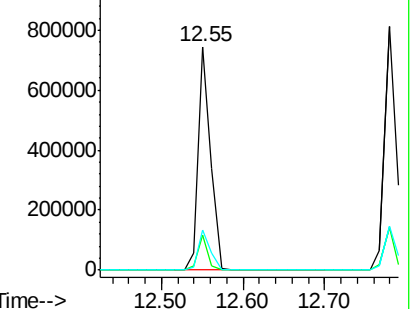
203 18.0 0.0 38.1

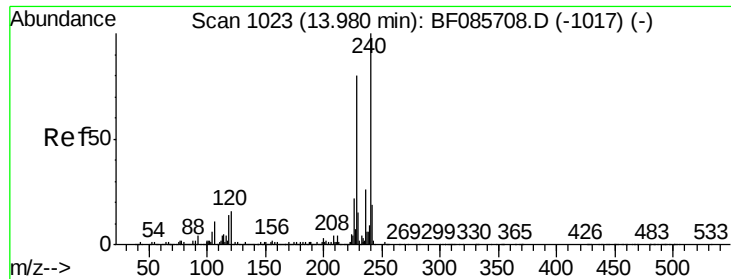


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

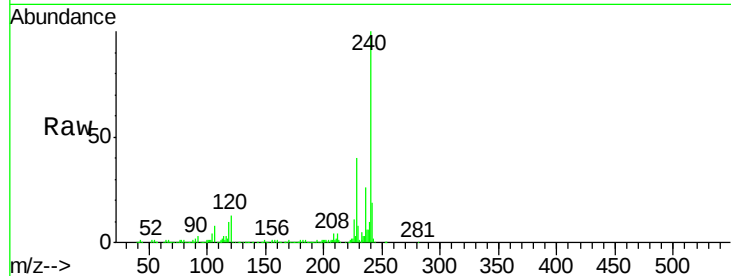
Tgt Ion:240 Resp: 276079

Ion Ratio Lower Upper

240 100

120 12.5 13.8 20.8#

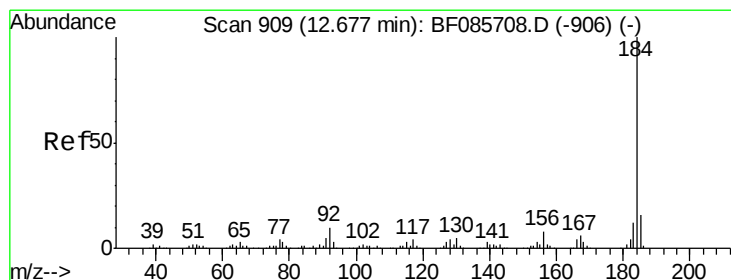
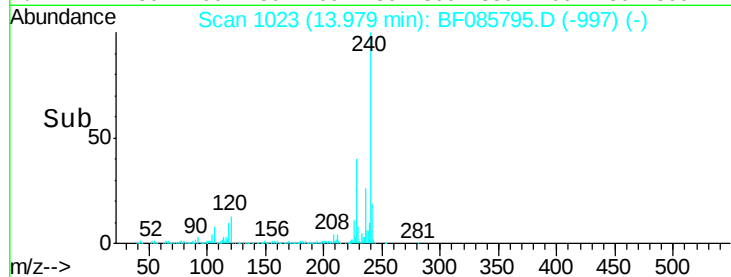
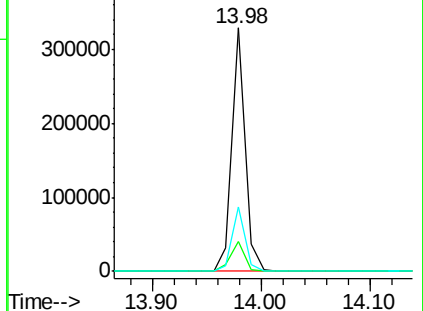
236 26.3 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.18 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

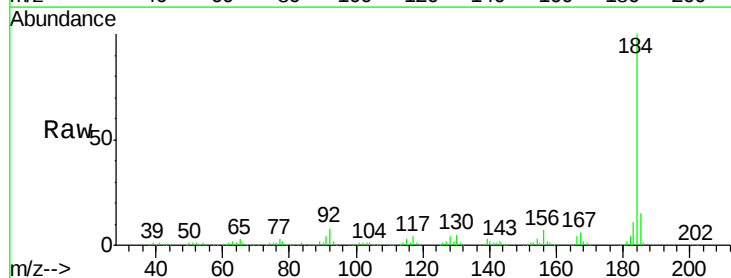
Tgt Ion:184 Resp: 303133

Ion Ratio Lower Upper

184 100

185 15.0 12.4 18.6

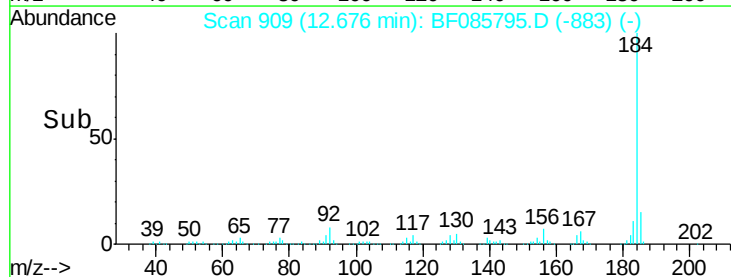
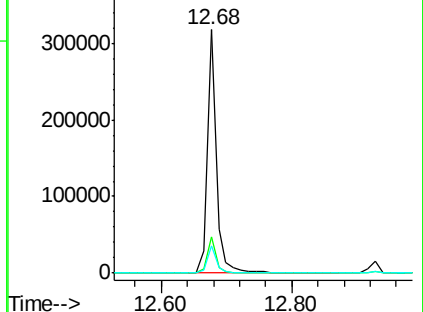
183 11.5 9.4 14.2

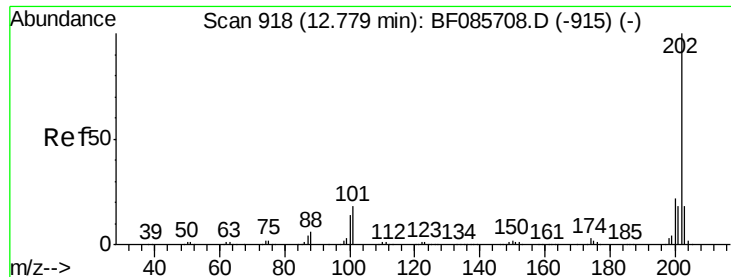


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

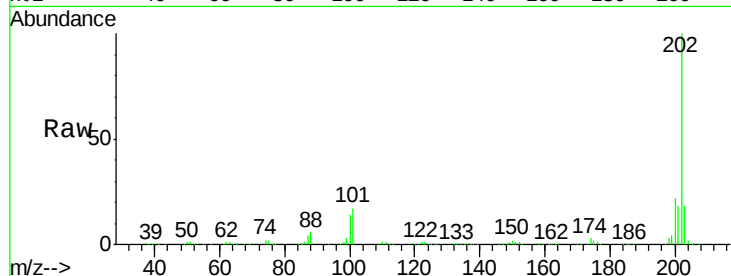




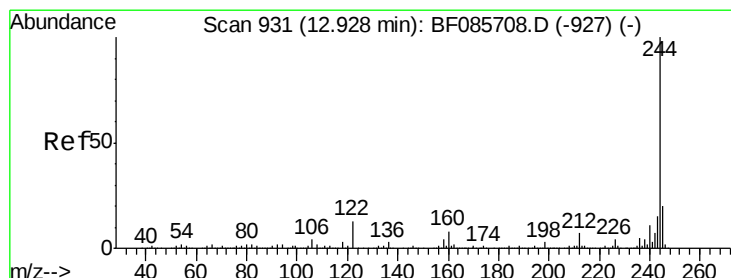
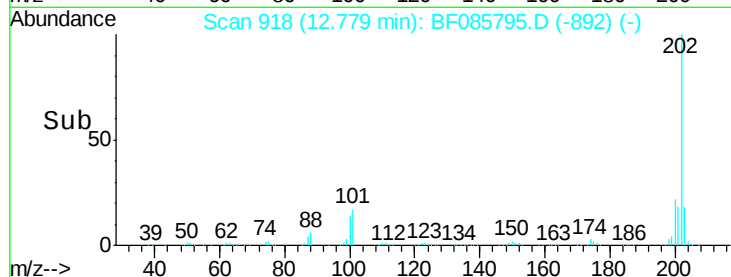
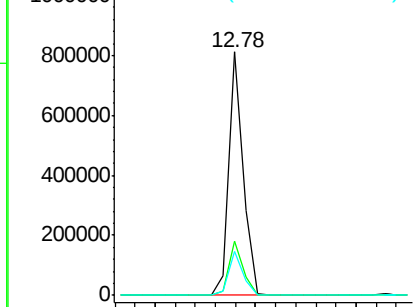
#77
 Pyrene
 Concen: 35.39 ng
 RT: 12.78 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF085795.D
 Acq: 28 Mar 2016 12:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 202 Resp: 803055
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.6 26.4
 203 18.0 14.0 21.0

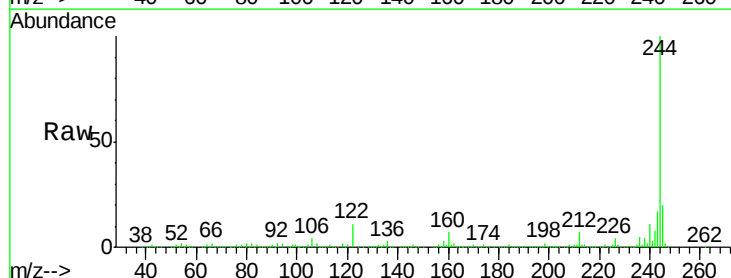


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

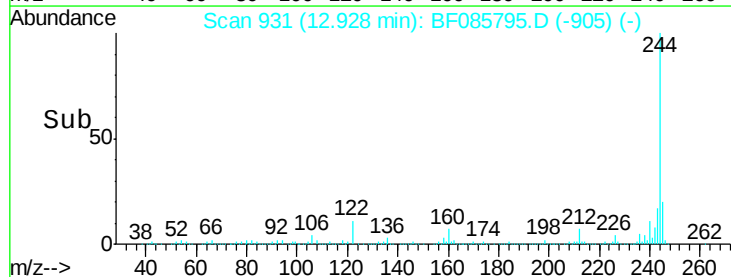
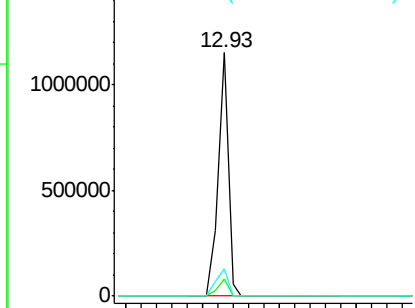


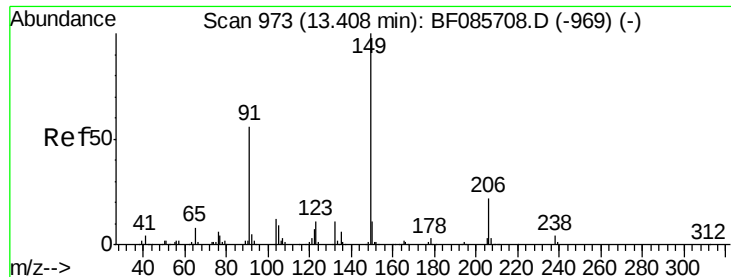
#78
 Terphenyl-d14
 Concen: 78.23 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085795.D
 Acq: 28 Mar 2016 12:08

Tgt Ion: 244 Resp: 1050116
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 11.3 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

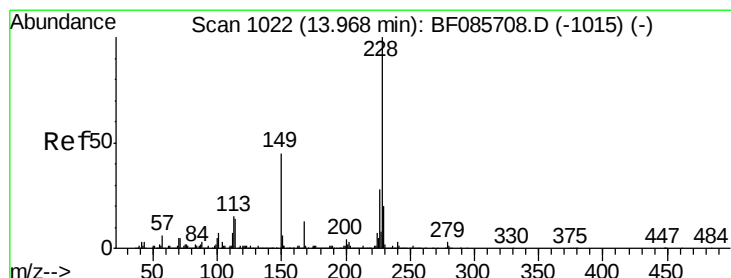
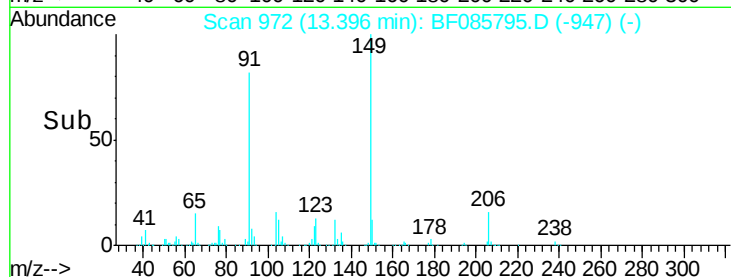
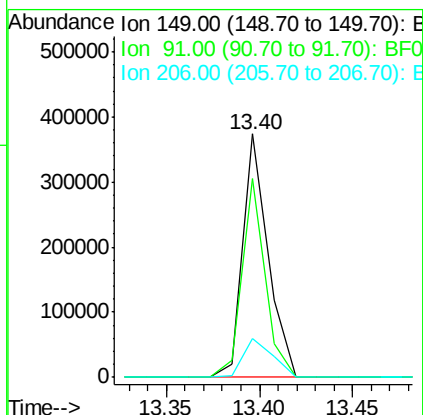
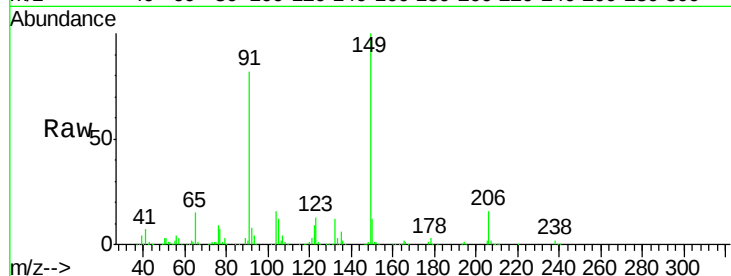




#79
Butylbenzylphthalate
Concen: 37.24 ng
RT: 13.40 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF085795.D
Acq: 28 Mar 2016 12:08

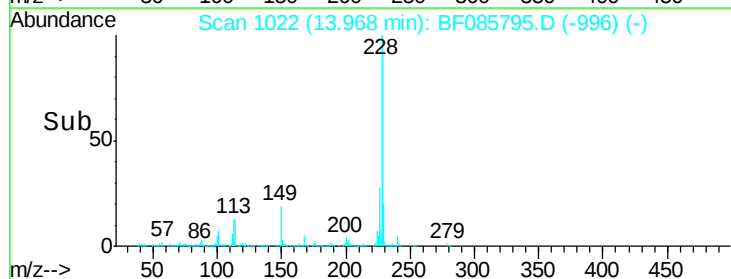
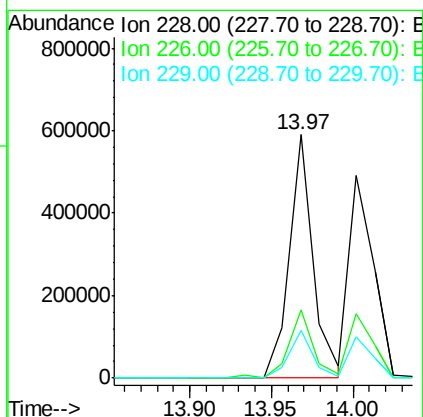
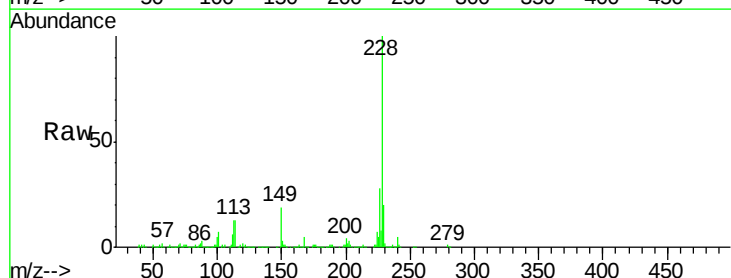
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

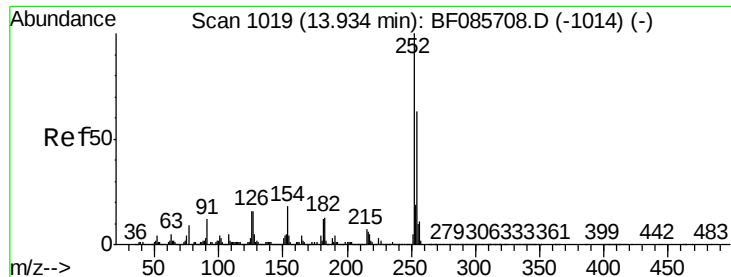
Tgt Ion	Ratio	Lower	Upper
149	100		
91	81.9	45.8	68.8#
206	15.8	17.8	26.8#



#80
Benzo(a)anthracene
Concen: 38.19 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF085795.D
Acq: 28 Mar 2016 12:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	19.7	16.2	24.4

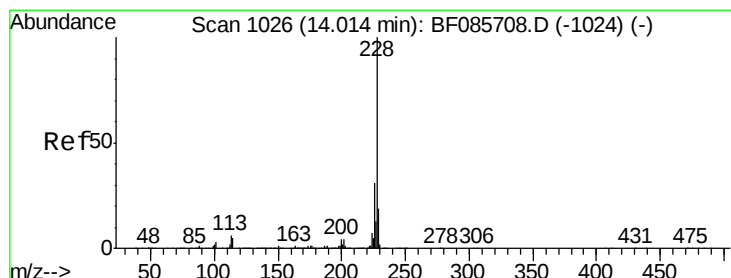
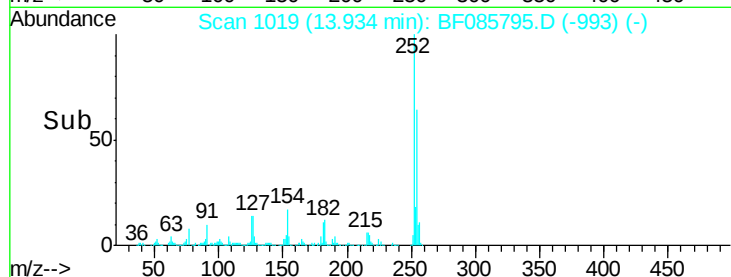
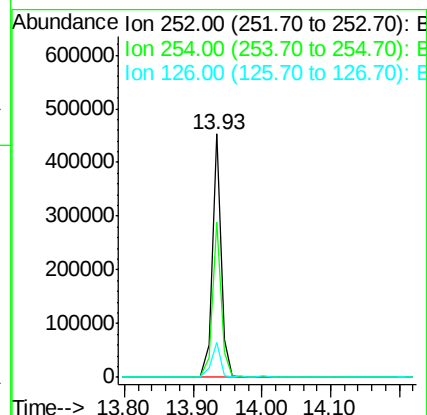
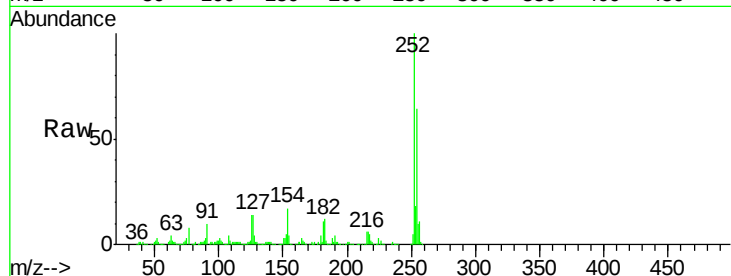




#81
 3,3'-Dichlorobenzidine
 Concen: 37.35 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF085795.D
 Acq: 28 Mar 2016 12:08

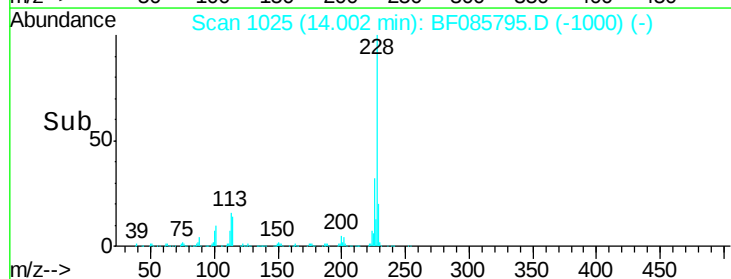
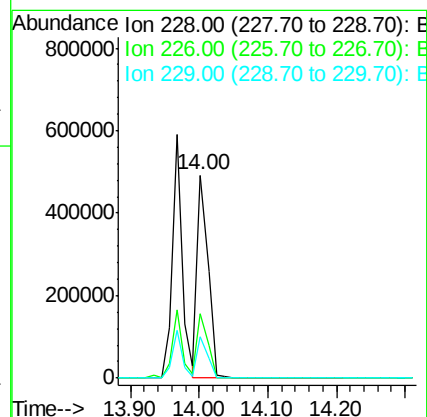
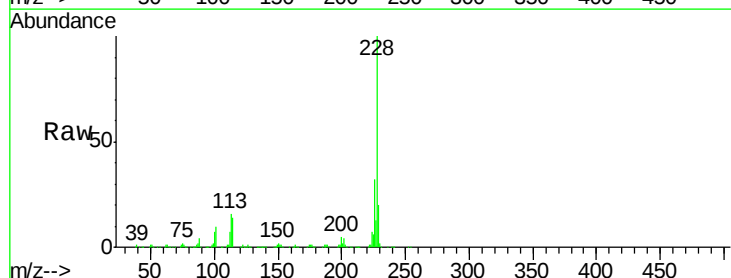
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

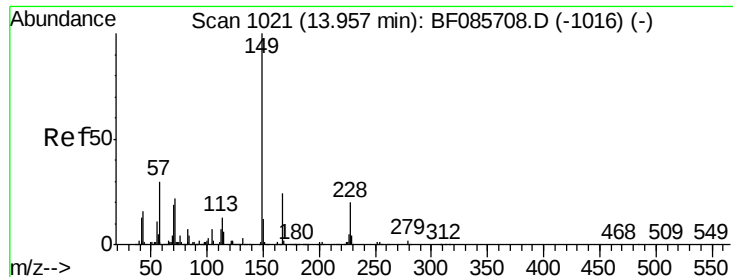
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.7	76.1
126	14.2	11.8	17.6



#82
 Chrysene
 Concen: 33.45 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085795.D
 Acq: 28 Mar 2016 12:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	20.2	15.7	23.5

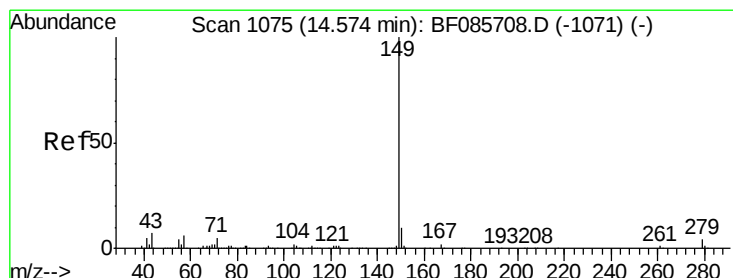
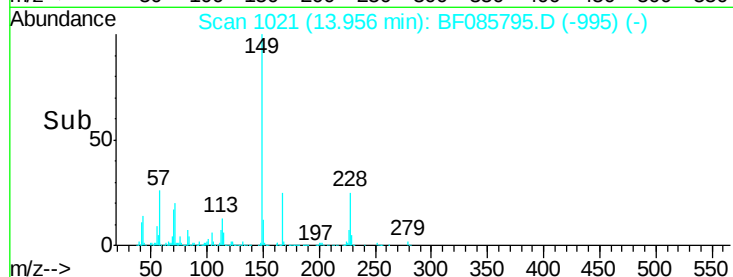
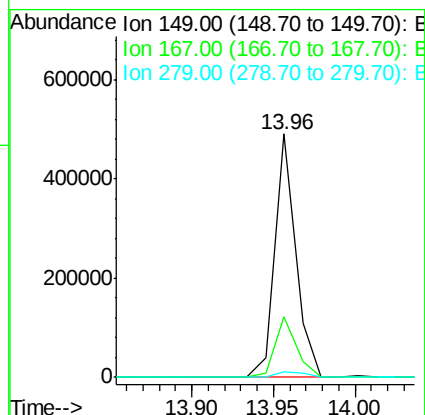
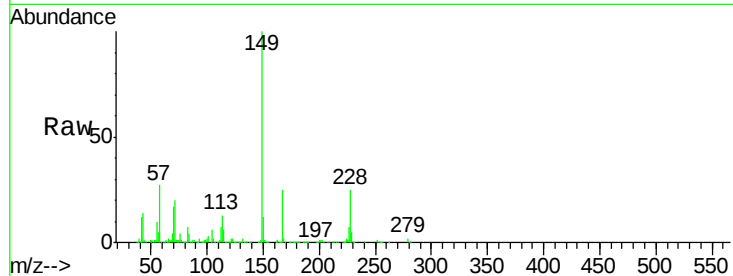




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.81 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF085795.D
 Acq: 28 Mar 2016 12:08

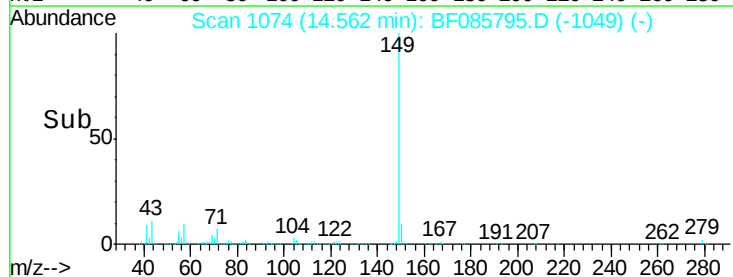
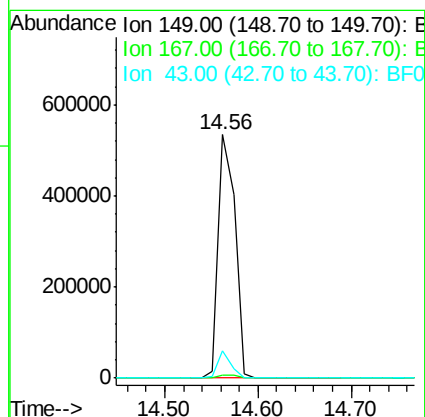
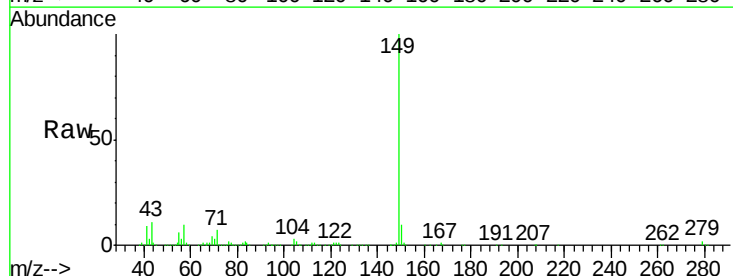
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

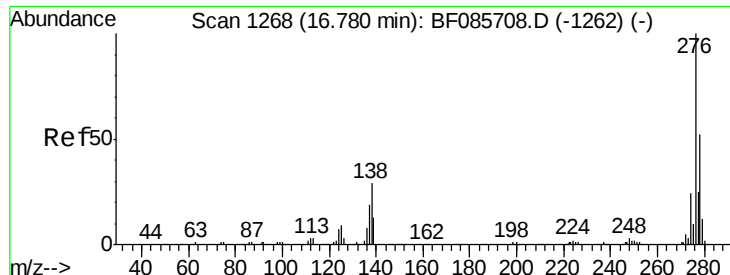
Tgt Ion:149 Resp: 441594
 Ion Ratio Lower Upper
 149 100
 167 25.1 19.4 29.2
 279 2.3 1.5 2.3#



#84
 Di-n-octyl phthalate
 Concen: 39.17 ng
 RT: 14.56 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BF085795.D
 Acq: 28 Mar 2016 12:08

Tgt Ion:149 Resp: 662791
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.8 7.1 10.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.02 ng

RT: 16.79 min Scan# 1269

Delta R.T. 0.01 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

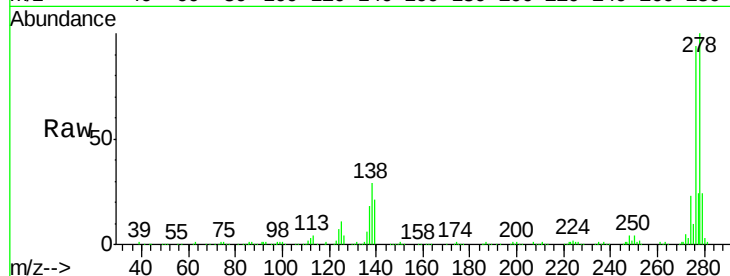
Tgt Ion:276 Resp: 575717

Ion Ratio Lower Upper

276 100

138 29.1 24.2 36.4

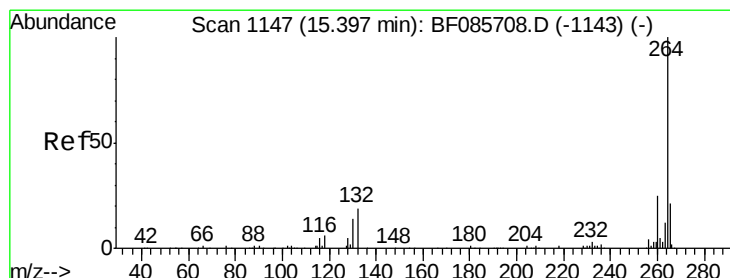
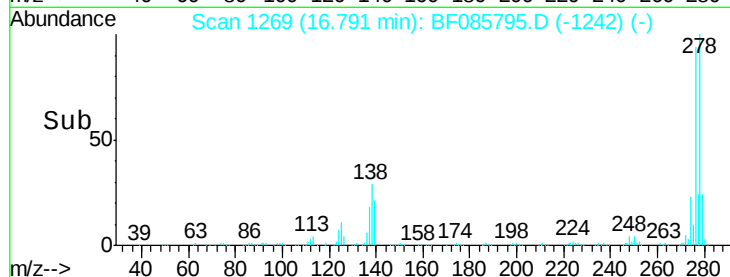
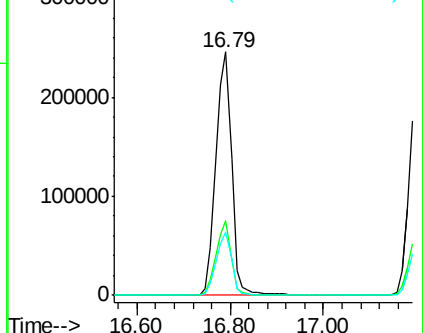
277 25.0 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

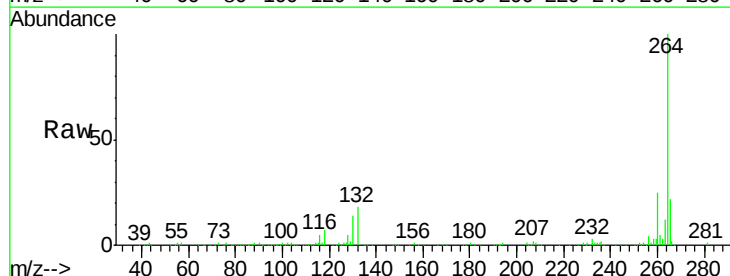
Tgt Ion:264 Resp: 199146

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

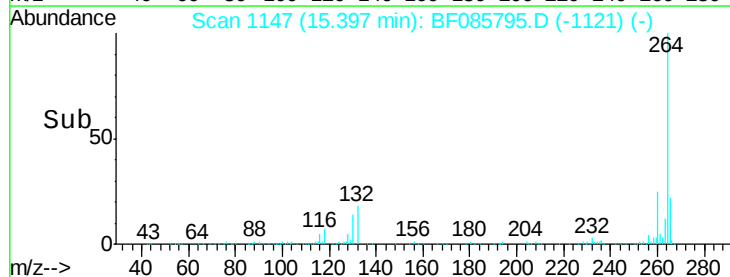
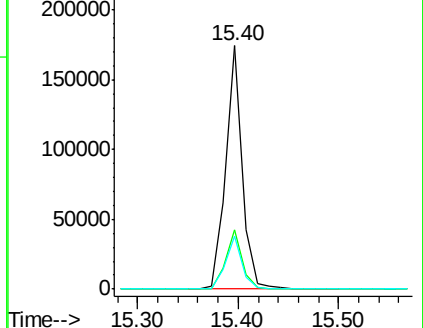
265 21.7 17.2 25.8

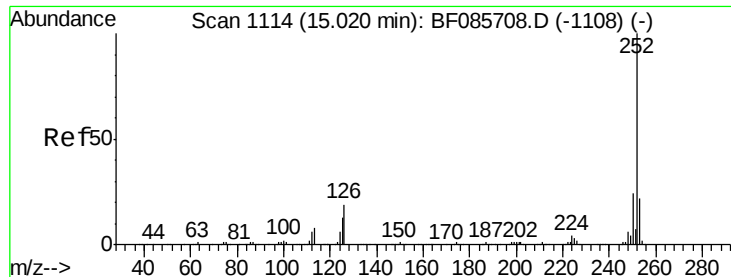


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

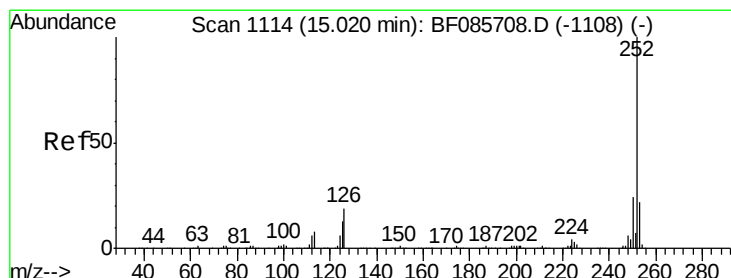
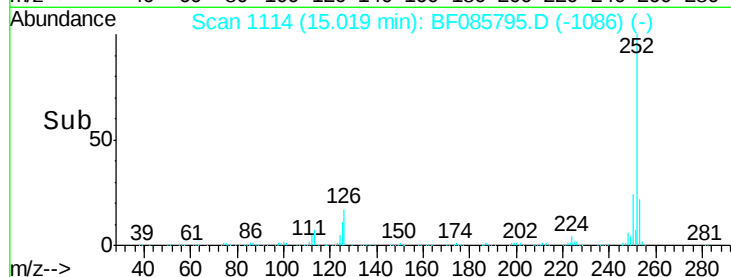
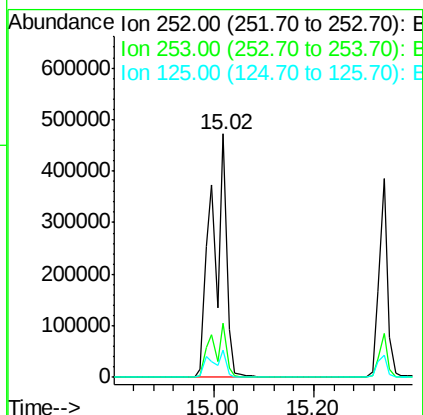
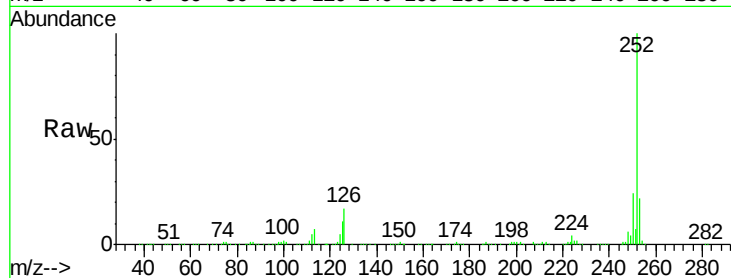




#87
Benzo(b)fluoranthene
Concen: 75.04 ng
RT: 15.02 min Scan# 1114
Delta R.T. 0.02 min
Lab File: BF085795.D
Acq: 28 Mar 2016 12:08

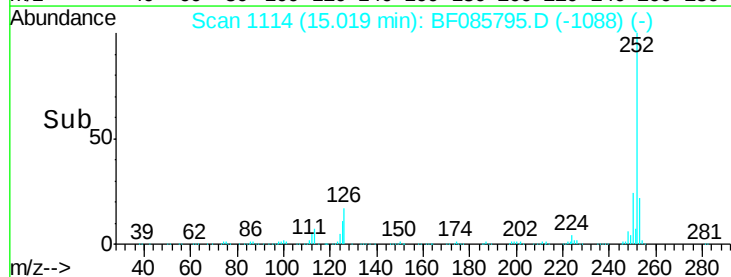
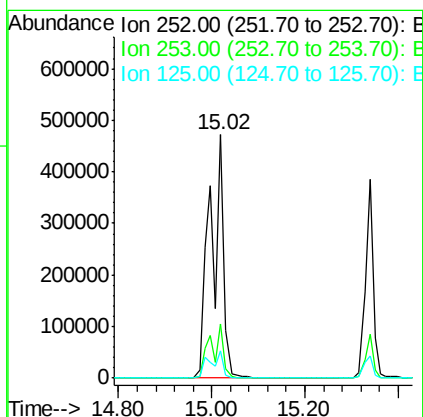
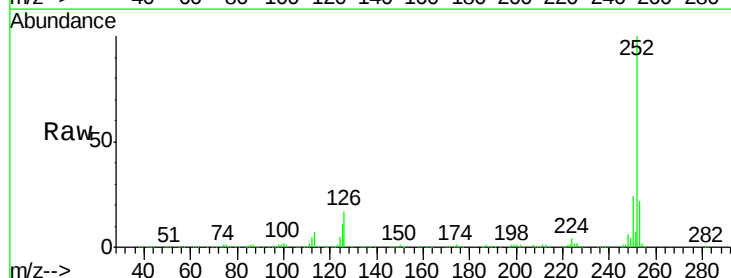
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

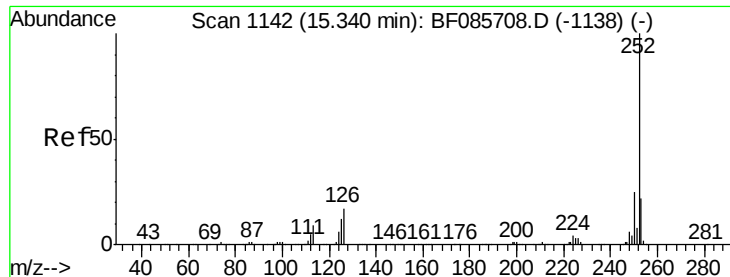
Tgt Ion:252 Resp: 941377
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 11.0 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 83.27 ng
RT: 15.02 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BF085795.D
Acq: 28 Mar 2016 12:08

Tgt Ion:252 Resp: 941818
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.0 7.7 11.5





#89

Benzo(a)pyrene

Concen: 40.79 ng

RT: 15.34 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

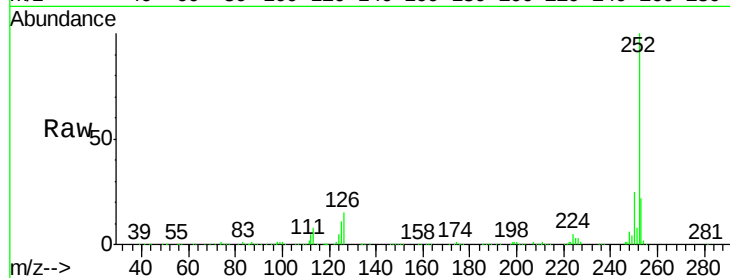
Tgt Ion: 252 Resp: 454405

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

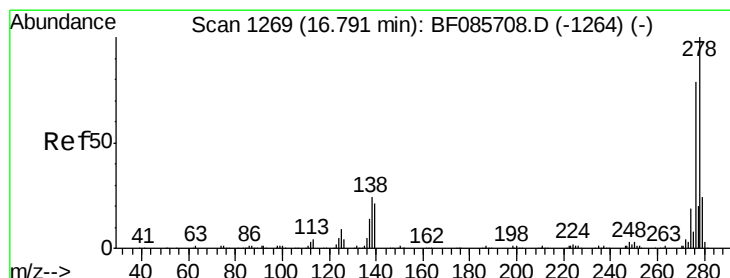
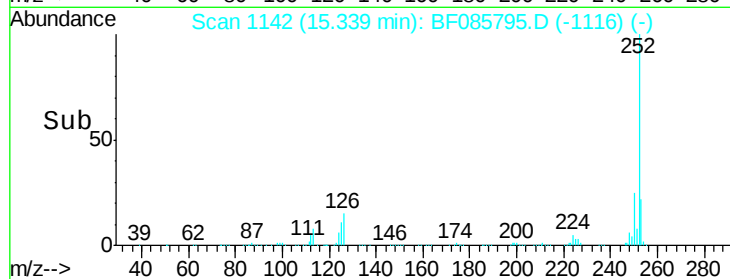
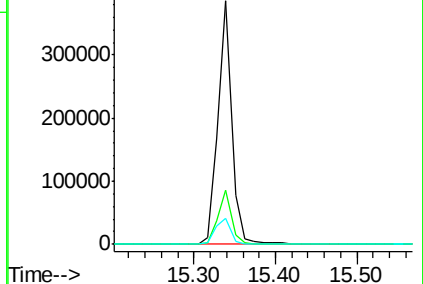
125 10.9 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.41 ng

RT: 16.79 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

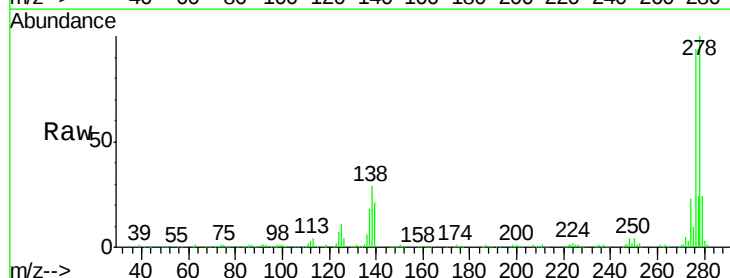
Tgt Ion: 278 Resp: 480346

Ion Ratio Lower Upper

278 100

139 21.3 14.4 21.6

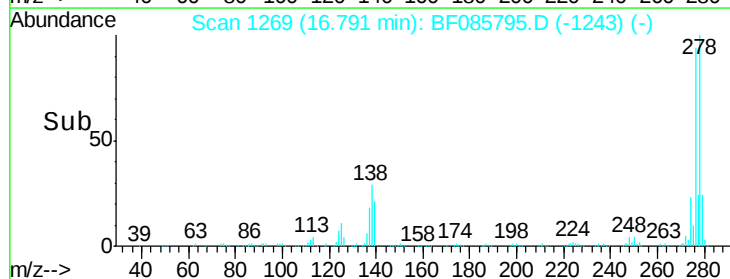
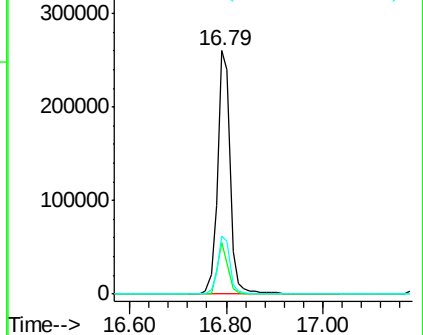
279 23.7 19.1 28.7

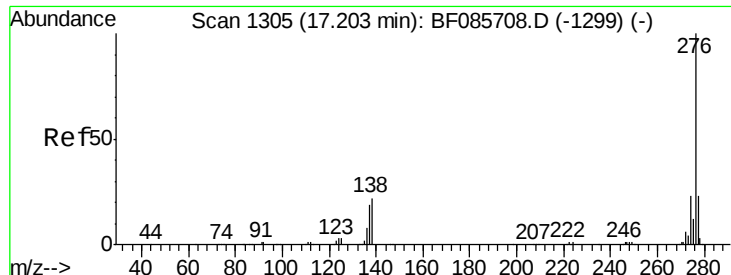


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 47.09 ng

RT: 17.20 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF085795.D

Acq: 28 Mar 2016 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

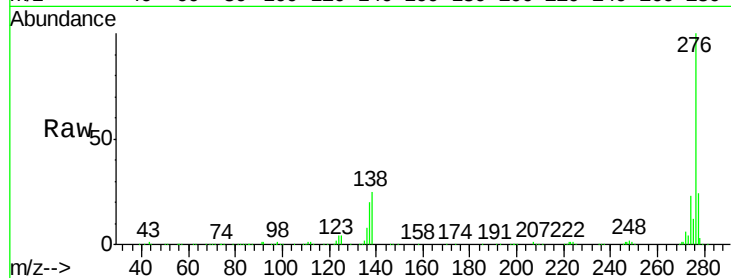
Tgt Ion: 276 Resp: 493464

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 25.4 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

