

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040116\
 Data File : BF085959.D
 Acq On : 1 Apr 2016 13:18
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 01 15:19:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	102165	20.00	ng	-0.03
21) Naphthalene-d8	8.06	136	419234	20.00	ng	-0.03
38) Acenaphthene-d10	9.81	164	195940	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	355443	20.00	ng	-0.03
75) Chrysene-d12	13.93	240	288945	20.00	ng	-0.04
86) Perylene-d12	15.33	264	243957	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	506333	82.54	ng	-0.03
7) Phenol-d6	6.42	99	629881	80.76	ng	-0.03
23) Nitrobenzene-d5	7.34	82	552884	74.27	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	151549	81.41	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	967779	82.52	ng	-0.03
78) Terphenyl-d14	12.88	244	958586	68.23	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.29	88	118044	40.30	ng	97
3) Pyridine	3.01	79	295257	42.04	ng	98
4) n-Nitrosodimethylamine	2.96	42	120214	42.76	ng	99
6) Aniline	6.44	93	422523	40.24	ng	99
8) 2-Chlorophenol	6.56	128	287601	40.35	ng	91
9) Benzaldehyde	6.33	77	168304	35.81	ng	91
10) Phenol	6.43	94	376311	42.59	ng	84
11) bis(2-Chloroethyl)ether	6.51	93	252996	37.21	ng	94
12) 1,3-Dichlorobenzene	6.72	146	314611m	40.99	ng	
13) 1,4-Dichlorobenzene	6.80	146	315203	40.49	ng	94
14) 1,2-Dichlorobenzene	6.94	146	296234	40.84	ng	98
15) Benzyl Alcohol	6.92	79	200617	38.55	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	345022	38.24	ng	94
17) 2-Methylphenol	7.05	107	228345	40.02	ng	95
18) Hexachloroethane	7.29	117	117610	41.26	ng	99
19) n-Nitroso-di-n-propylamine	7.20	70	177466	38.00	ng	94
20) 3+4-Methylphenols	7.20	107	279621	40.76	ng	95
22) Acetophenone	7.20	105	394037	40.34	ng	# 94
24) Nitrobenzene	7.37	77	334254	43.55	ng	91
25) Isophorone	7.61	82	566265	39.49	ng	95
26) 2-Nitrophenol	7.69	139	150397	39.17	ng	# 87
27) 2,4-Dimethylphenol	7.72	122	247135	36.83	ng	99
28) bis(2-Chloroethoxy)methane	7.81	93	306441	37.50	ng	97
29) 2,4-Dichlorophenol	7.93	162	227483	40.32	ng	97
30) 1,2,4-Trichlorobenzene	8.01	180	253797	40.52	ng	95
31) Naphthalene	8.09	128	845487	40.02	ng	98
32) Benzoic acid	7.87	122	212187	47.61	ng	98
33) 4-Chloroaniline	8.14	127	328421	38.08	ng	96
34) Hexachlorobutadiene	8.20	225	140311	41.22	ng	99
35) Caprolactam	8.52	113	81339	40.70	ng	# 85
36) 4-Chloro-3-methylphenol	8.62	107	254503	38.62	ng	97
37) 2-Methylnaphthalene	8.77	142	520473	41.46	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	240812	41.44	ng	99
40) Hexachlorocyclopentadiene	8.92	237	62901	32.18	ng	99

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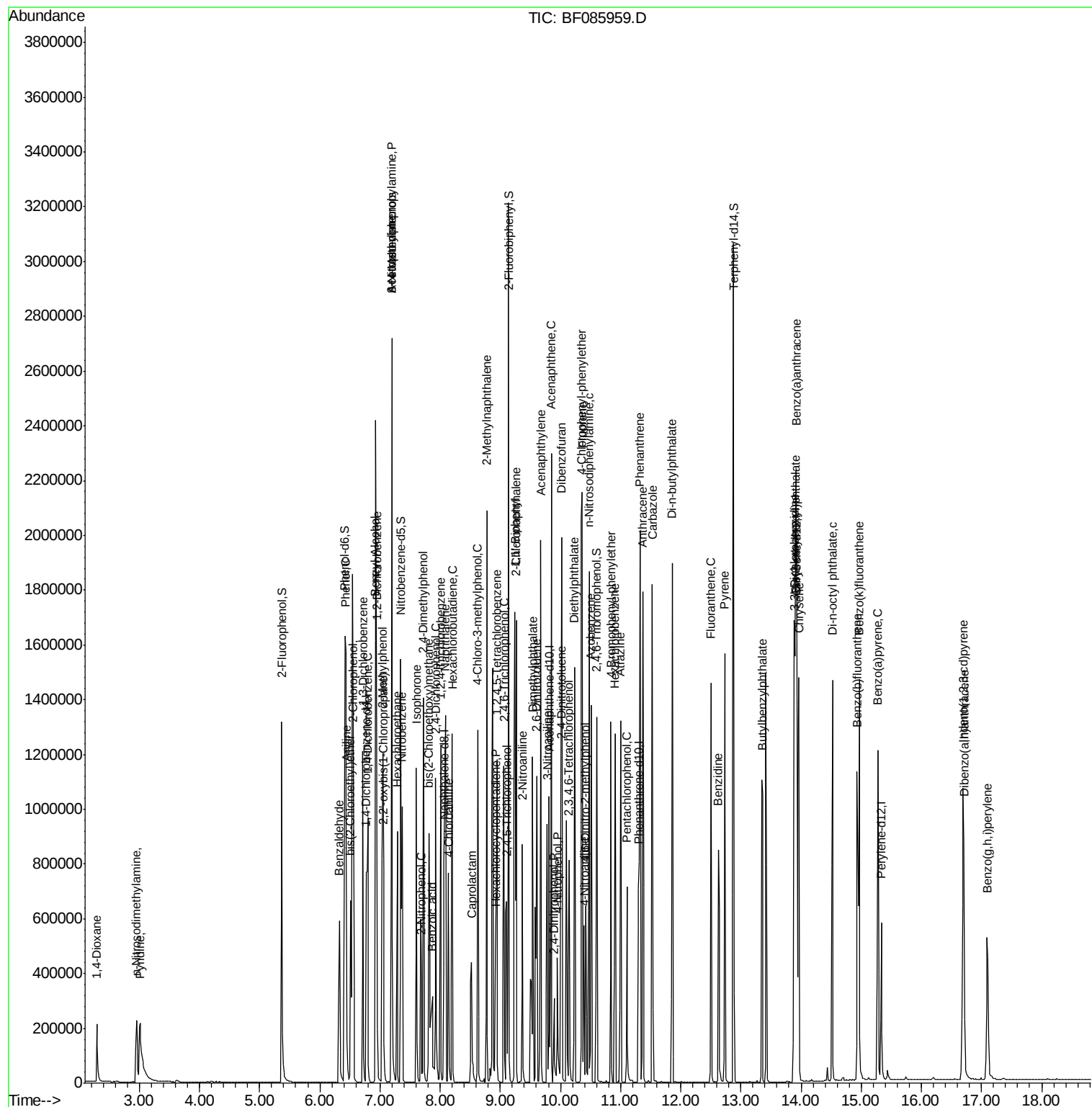
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	158567	40.41	nq	98
43) 2,4,5-Trichlorophenol	9.10	196	152693	37.10	nq	98
45) 1,1'-Biphenyl	9.24	154	687771	41.60	nq	95
46) 2-Chloronaphthalene	9.26	162	508833	41.85	nq	97
47) 2-Nitroaniline	9.37	65	156973	42.22	nq	# 84
48) Acenaphthylene	9.68	152	831020	41.95	nq	99
49) Dimethylphthalate	9.54	163	569657	38.32	nq	99
50) 2,6-Dinitrotoluene	9.61	165	131673	41.15	nq	88
51) Acenaphthene	9.85	154	484360	40.03	nq	99
52) 3-Nitroaniline	9.78	138	165112	45.08	nq	92
53) 2,4-Dinitrophenol	9.89	184	64963	43.19	nq	# 71
54) Dibenzofuran	10.02	168	628955	40.16	nq	99
55) 4-Nitrophenol	9.95	139	92607	38.81	nq	91
56) 2,4-Dinitrotoluene	10.01	165	154190	37.91	nq	# 38
57) Fluorene	10.36	166	551010	42.32	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	120340	42.07	nq	94
59) Diethylphthalate	10.24	149	551481	37.55	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	238274	37.43	nq	98
61) 4-Nitroaniline	10.40	138	155590	44.41	nq	93
62) Azobenzene	10.51	77	568975	40.31	nq	97
64) 4,6-Dinitro-2-methylphenol	10.42	198	90137	43.30	nq	93
65) n-Nitrosodiphenylamine	10.48	169	485927	43.16	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	156026	42.91	nq	99
67) Hexachlorobenzene	10.91	284	167119	43.94	nq	97
68) Atrazine	11.00	200	139823	36.79	nq	98
69) Pentachlorophenol	11.10	266	80438	43.08	nq	98
70) Phenanthrene	11.32	178	826729	45.30	nq	100
71) Anthracene	11.37	178	778952	40.66	nq	100
72) Carbazole	11.53	167	679235	42.23	nq	99
73) Di-n-butylphthalate	11.86	149	921384	41.74	nq	100
74) Fluoranthene	12.50	202	794406	40.95	nq	100
76) Benzidine	12.62	184	451913	44.41	nq	99
77) Pyrene	12.73	202	811889	34.18	nq	99
79) Butylbenzylphthalate	13.36	149	390208	39.23	nq	99
80) Benzo(a)anthracene	13.92	228	674146	40.92	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	552767	48.34	nq	# 94
82) Chrysene	13.96	228	692679	41.74	nq	100
83) Bis(2-ethylhexyl)phthalate	13.91	149	500971	42.06	nq	99
84) Di-n-octyl phthalate	14.52	149	864956	48.84	nq	99
85) Indeno(1,2,3-cd)pyrene	16.69	276	524941	40.96	nq	99
87) Benzo(b)fluoranthene	14.93	252	717316m	46.67	nq	
88) Benzo(k)fluoranthene	14.97	252	478759m	34.56	nq	
89) Benzo(a)pyrene	15.28	252	544044	39.87	nq	99
90) Dibenzo(a,h)anthracene	16.71	278	437658	34.52	nq	98
91) Benzo(g,h,i)perylene	17.09	276	424397	33.06	nq	99

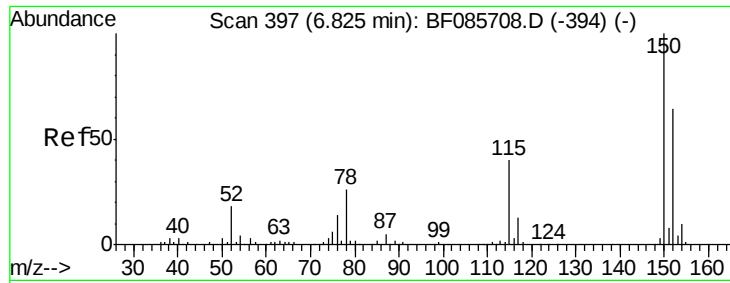
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

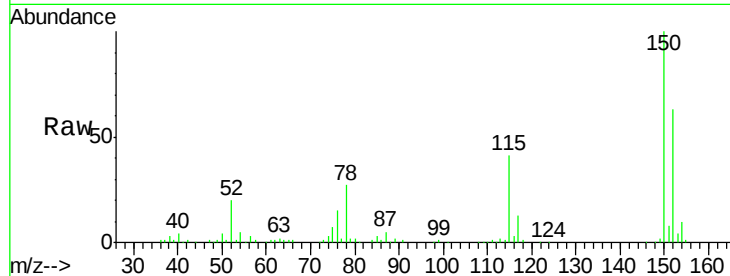
Tot Ion:152 Resp: 102165

Ion Ratio Lower Upper

152 100

150 158.8 124.2 186.2

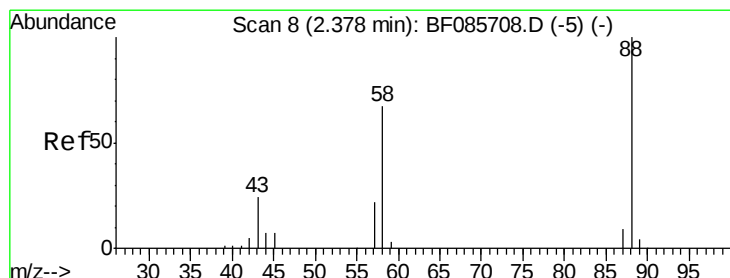
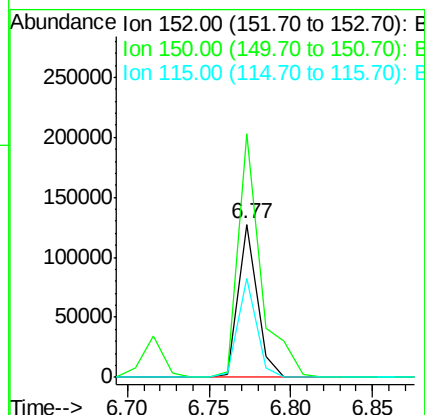
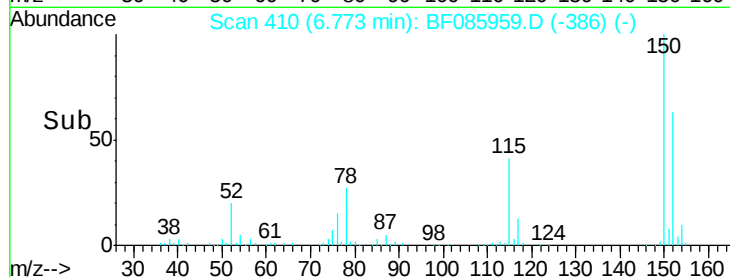
115 64.8 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.30 ng

RT: 2.29 min Scan# 18

Delta R.T. -0.04 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

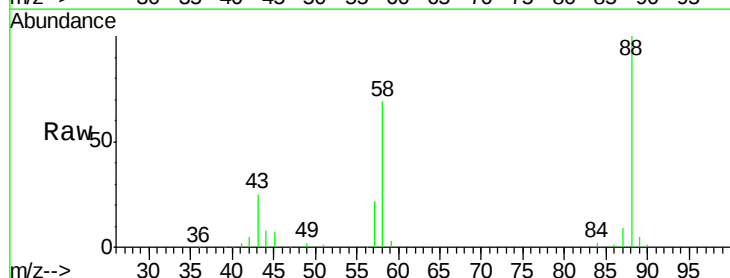
Tgt Ion: 88 Resp: 118044

Ion Ratio Lower Upper

88 100

58 64.9 54.2 81.2

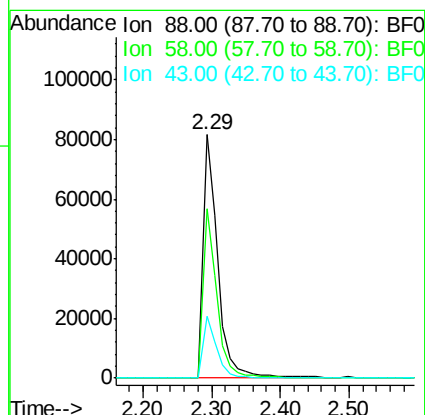
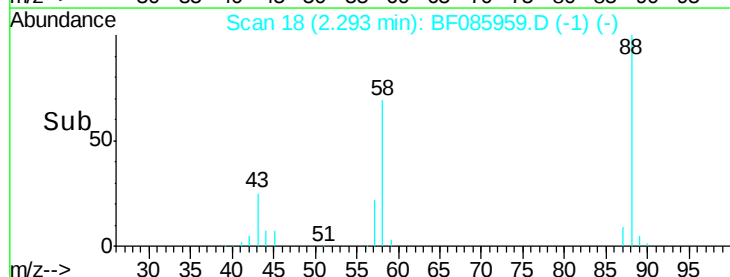
43 23.5 19.3 28.9

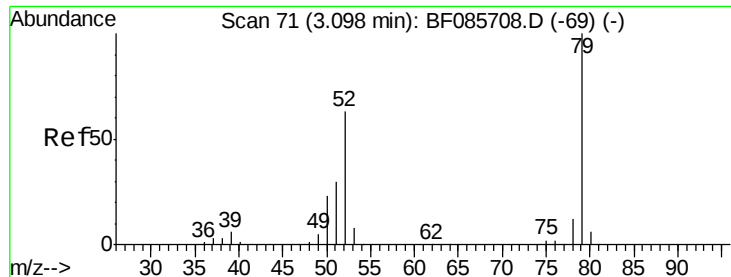


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.04 ng

RT: 3.01 min Scan# 81

Delta R.T. -0.04 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Instrument :

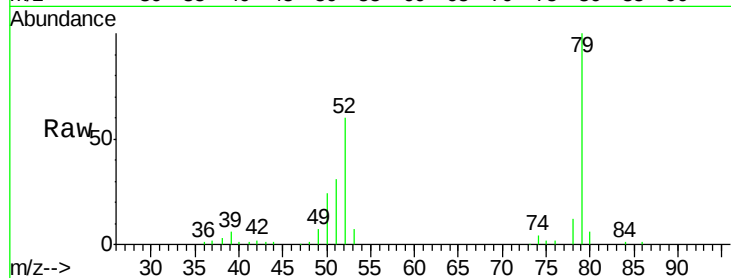
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 295257

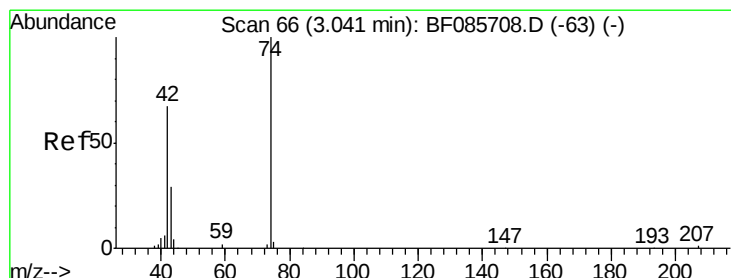
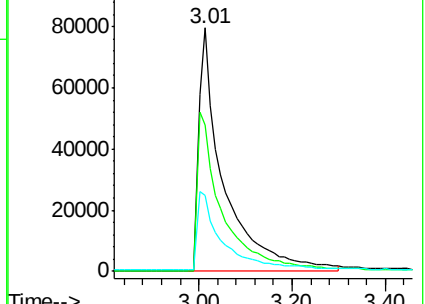
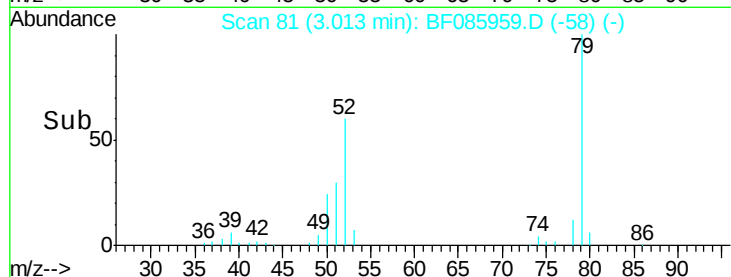
Ion	Ratio	Lower	Upper
79	100		
52	60.2	49.8	74.6
51	30.9	24.7	37.1



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: 42.76 ng

RT: 2.96 min Scan# 76

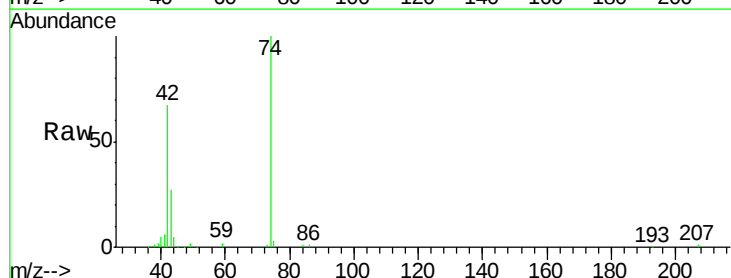
Delta R.T. -0.05 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Tgt Ion: 42 Resp: 120214

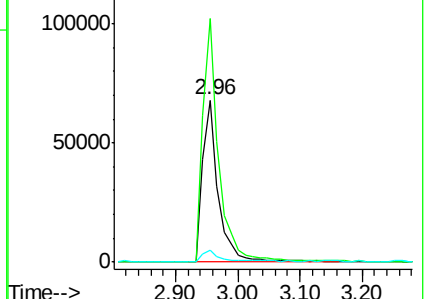
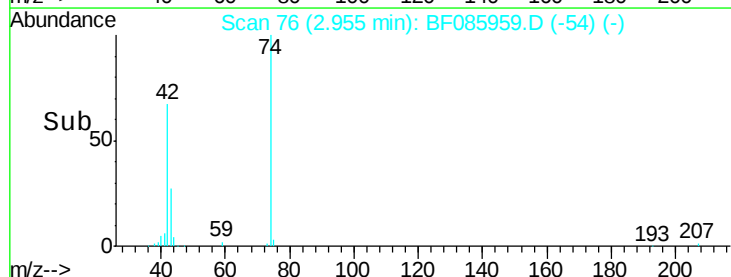
Ion	Ratio	Lower	Upper
42	100		
74	150.3	121.4	182.2
44	7.3	5.6	8.4

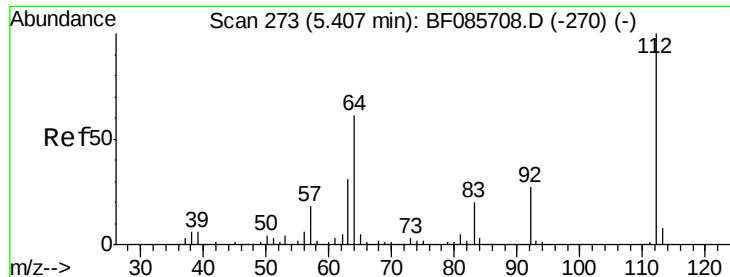


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 82.54 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.03 min

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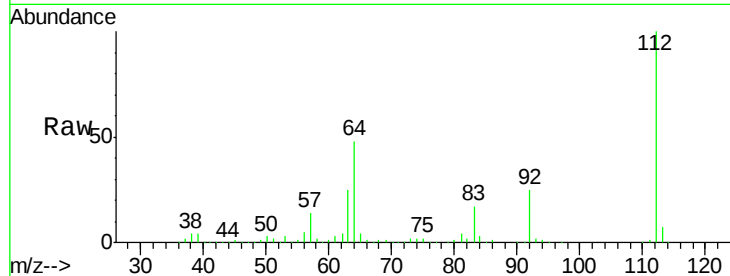
Tot Ion:112 Resp: 506333

Ion Ratio Lower Upper

112 100

64 48.1 39.9 59.9

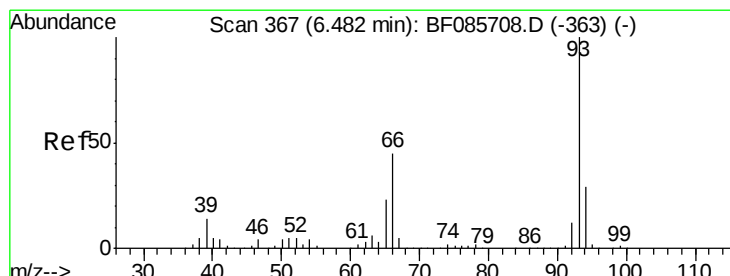
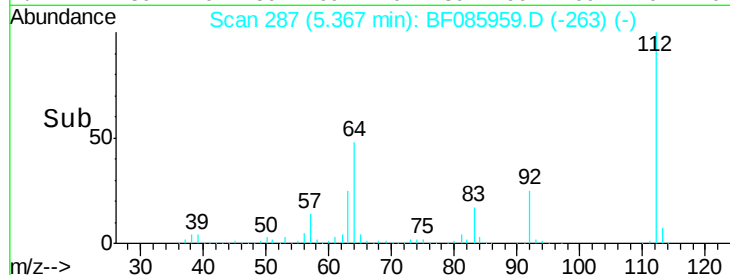
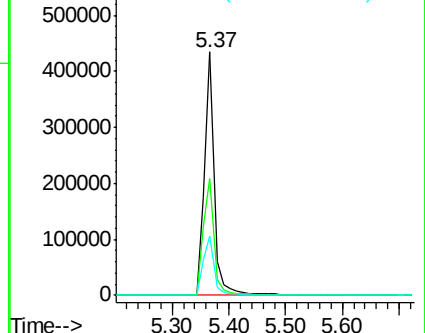
63 24.6 20.2 30.2



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: 40.24 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

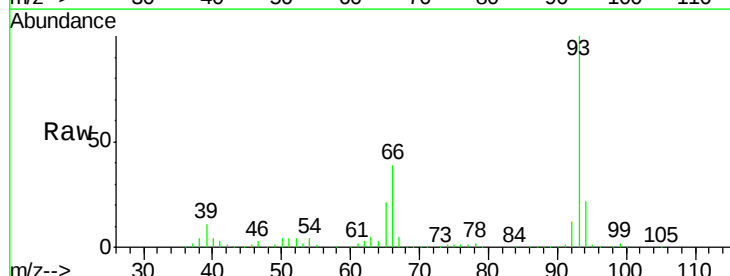
Tgt Ion: 93 Resp: 422523

Ion Ratio Lower Upper

93 100

66 39.2 31.4 47.2

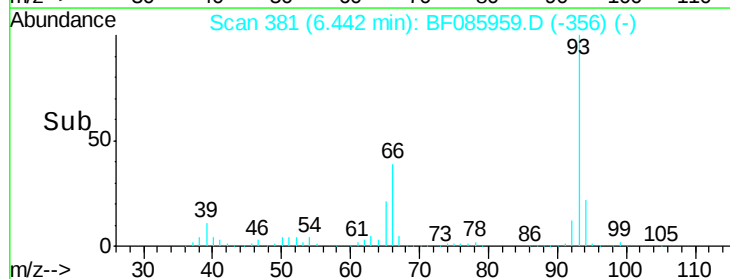
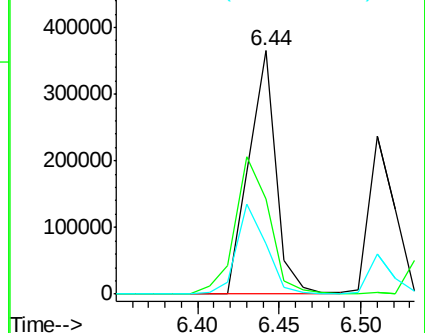
65 20.9 15.7 23.5

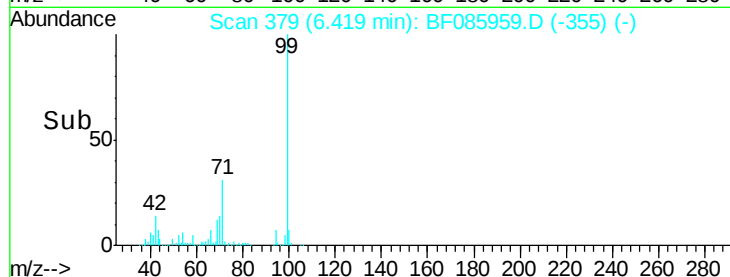
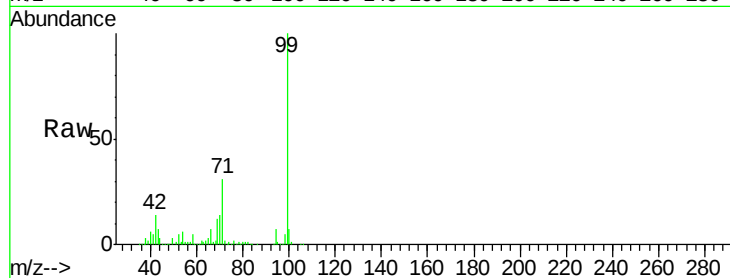
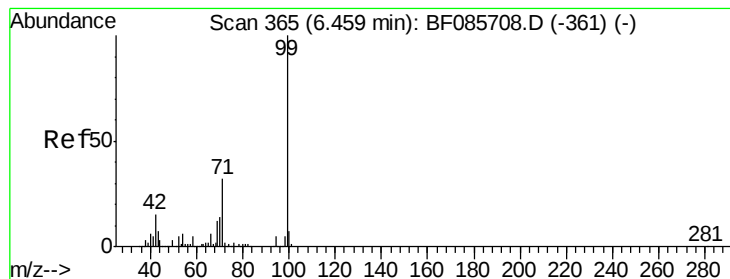


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.76 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.03 min

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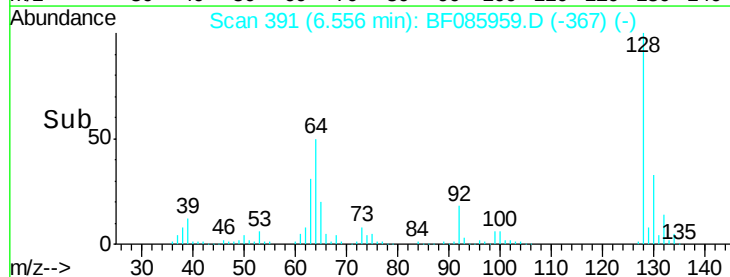
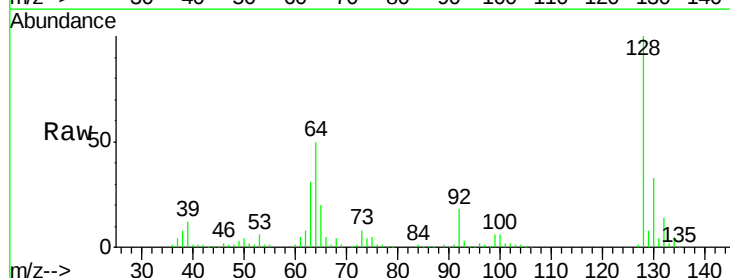
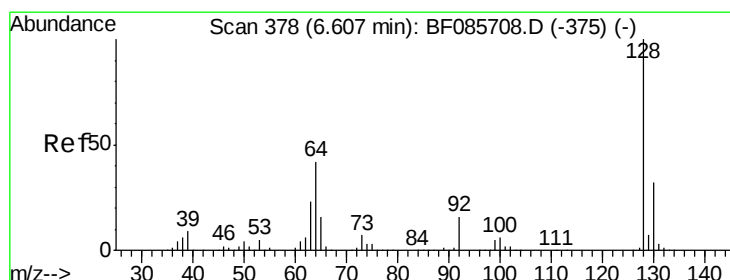
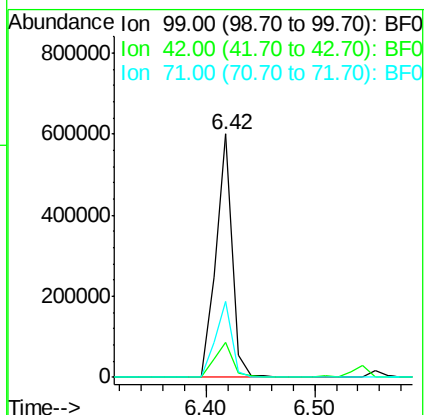
Tot Ion: 99 Resp: 629881

Ion Ratio Lower Upper

99 100

42 14.4 11.1 16.7

71 31.2 24.9 37.3



#8

2-Chlorophenol

Concen: 40.35 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

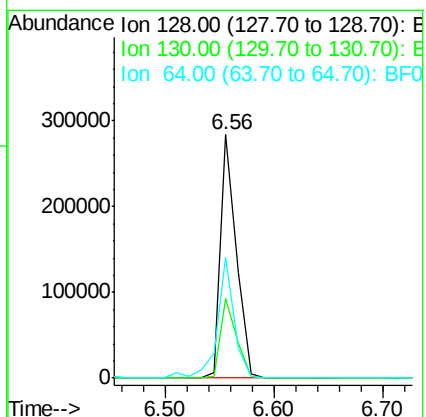
Tgt Ion:128 Resp: 287601

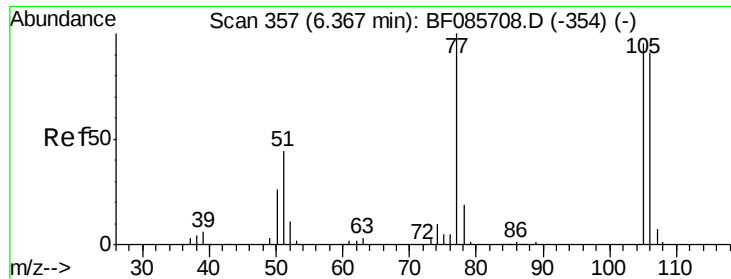
Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

64 49.7 20.2 60.2





#9

Benzaldehyde

Concen: 35.81 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

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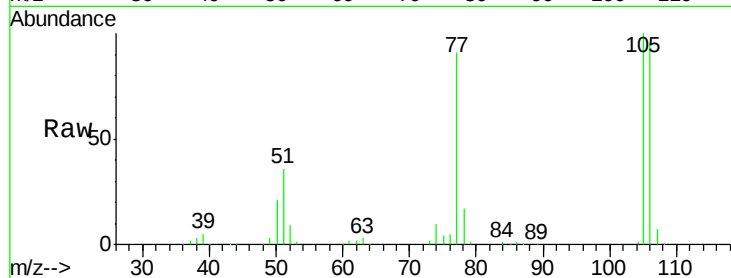
Tot Ion: 77 Resp: 168304

Ion Ratio Lower Upper

77 100

105 109.3 80.1 120.1

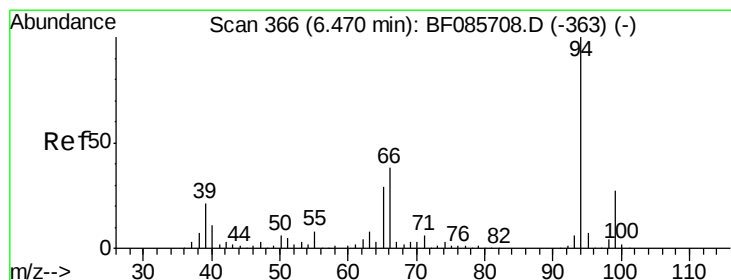
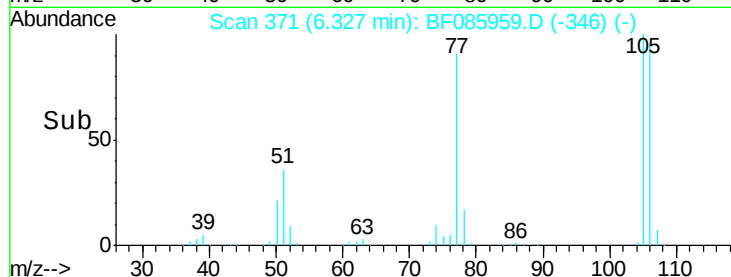
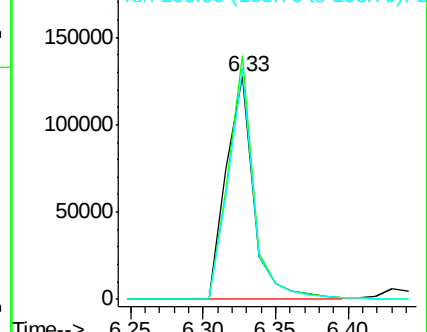
106 103.6 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.59 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

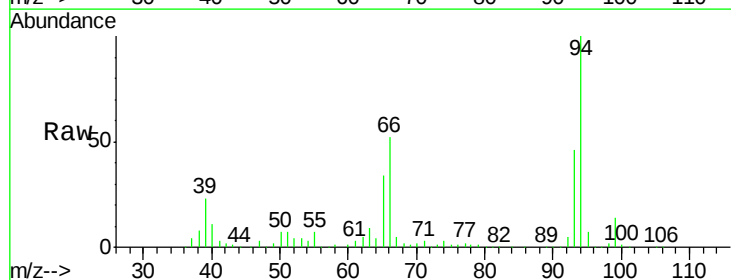
Tgt Ion: 94 Resp: 376311

Ion Ratio Lower Upper

94 100

65 34.2 8.6 48.6

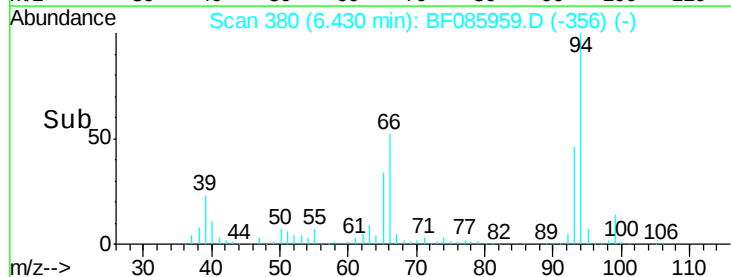
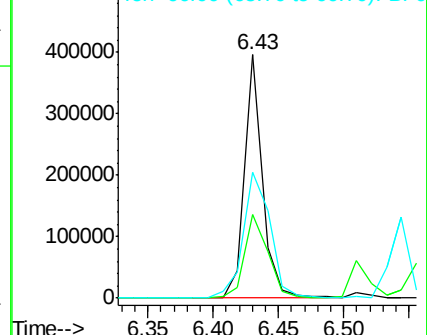
66 51.8 20.0 60.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

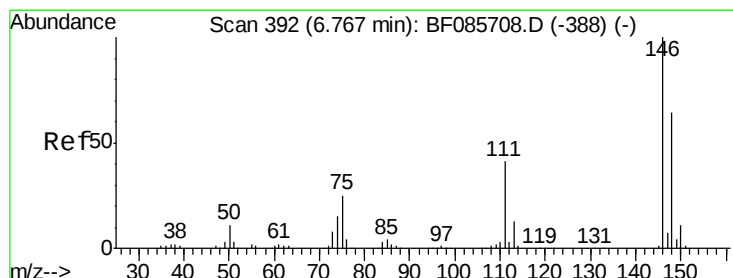
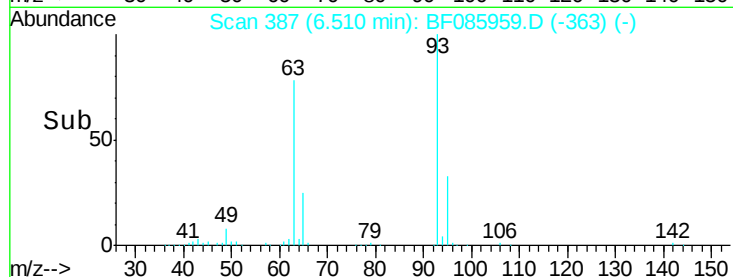
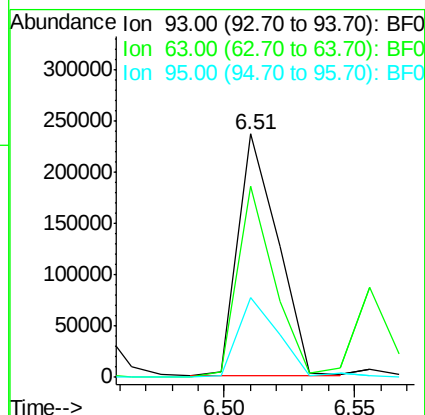
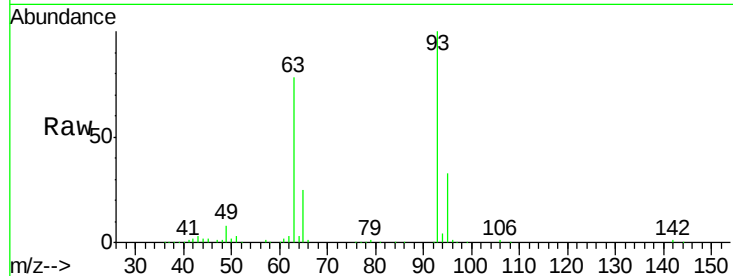




#11
bis(2-Chloroethyl)ether
Concen: 37.21 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.03 min
Lab File: BF085959.D
Acq: 1 Apr 2016 13:18

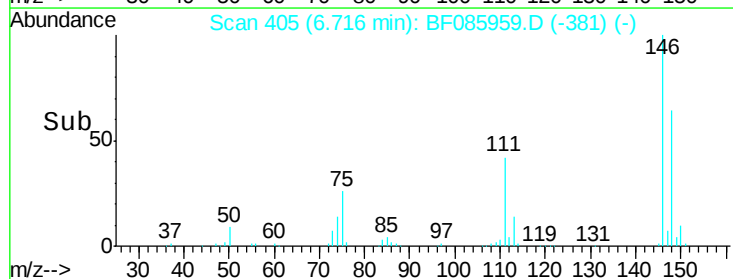
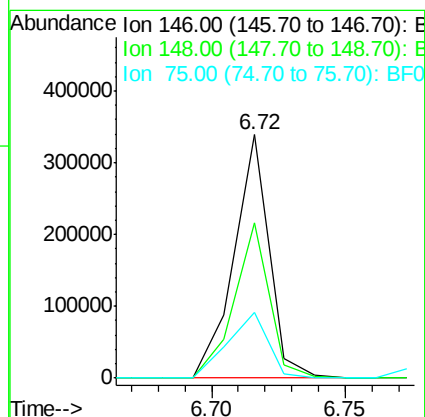
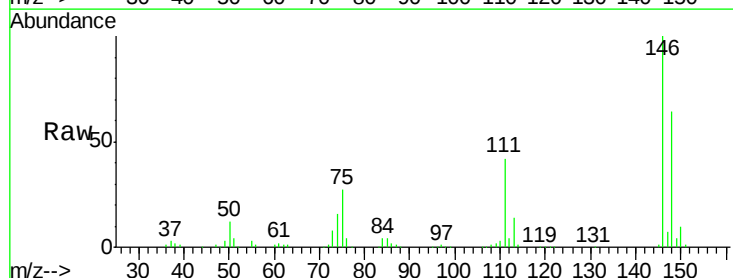
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

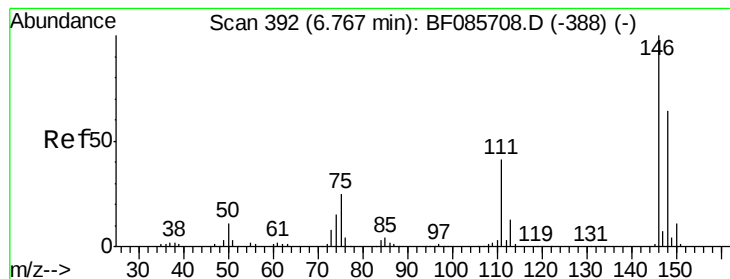
Tot Ion: 93 Resp: 252996
Ion Ratio Lower Upper
93 100
63 78.3 50.9 90.9
95 32.9 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.99 ng m
RT: 6.72 min Scan# 405
Delta R.T. -0.03 min
Lab File: BF085959.D
Acq: 1 Apr 2016 13:18

Tgt Ion: 146 Resp: 314611
Ion Ratio Lower Upper
146 100
148 63.8 52.3 78.5
75 26.7 17.4 26.2#





#13

1,4-Dichlorobenzene

Concen: 40.49 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

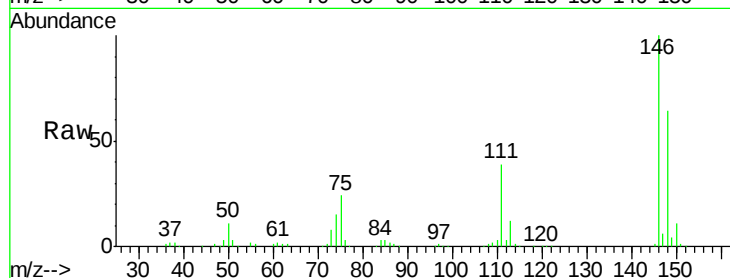
Tot Ion:146 Resp: 315203

Ion Ratio Lower Upper

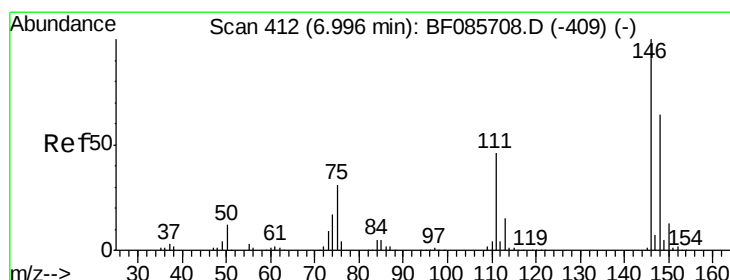
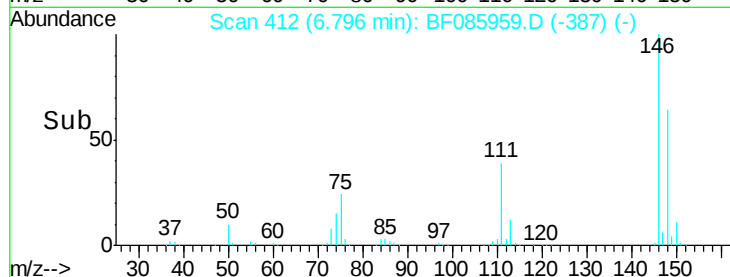
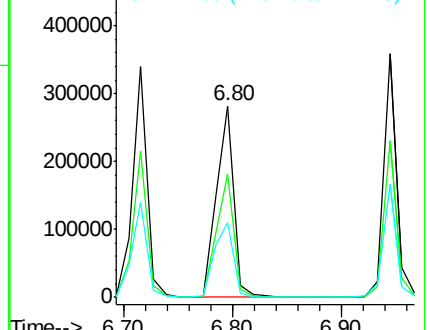
146 100

148 64.2 50.6 76.0

111 38.8 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: 40.84 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

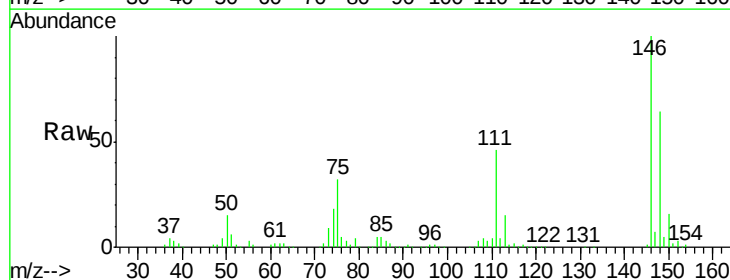
Tgt Ion:146 Resp: 296234

Ion Ratio Lower Upper

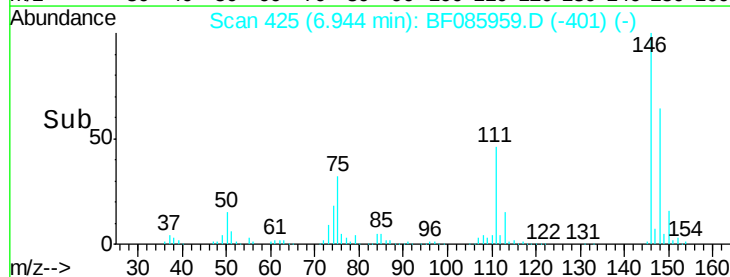
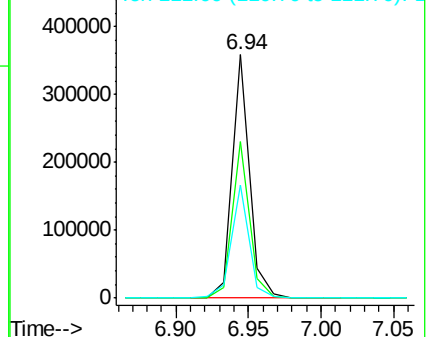
146 100

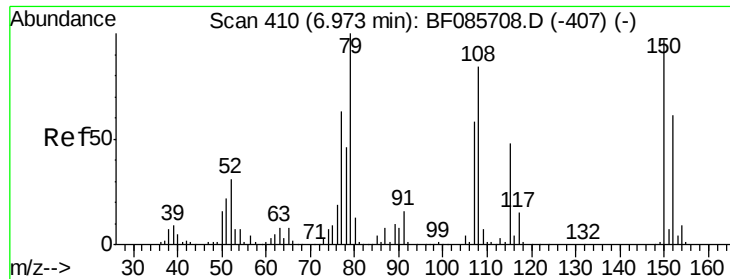
148 64.2 51.4 77.2

111 46.4 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: 38.55 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

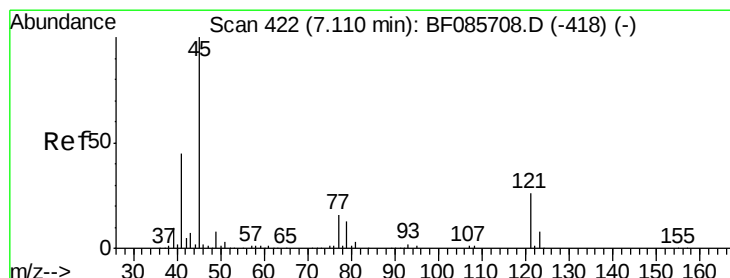
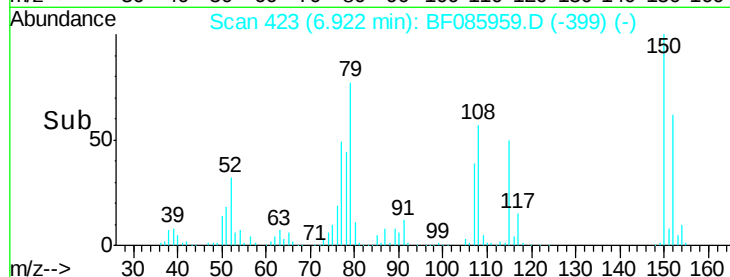
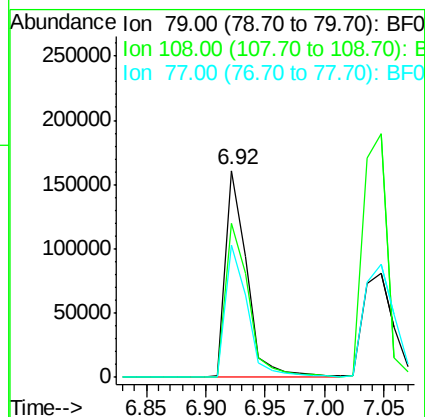
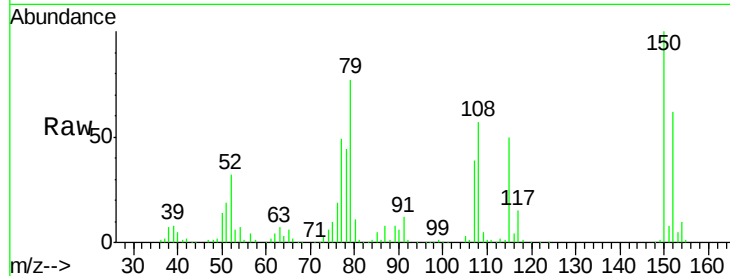
Tot Ion: 79 Resp: 200617

Ion Ratio Lower Upper

79 100

108 74.2 61.8 92.6

77 64.0 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.24 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

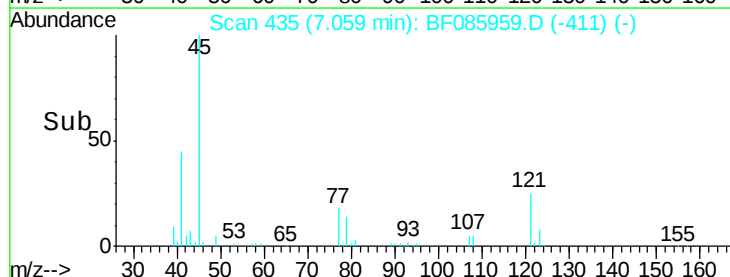
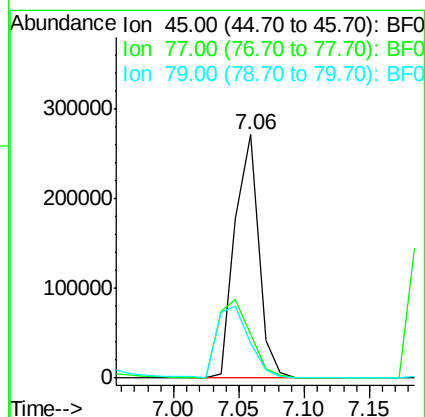
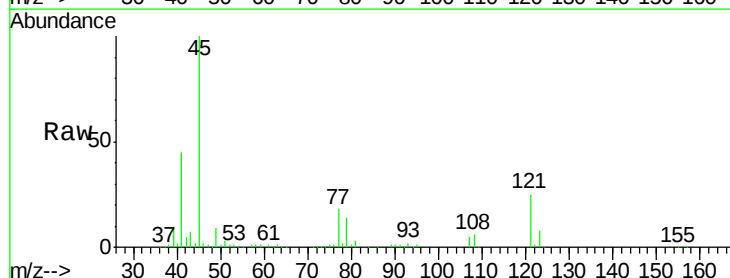
Tgt Ion: 45 Resp: 345022

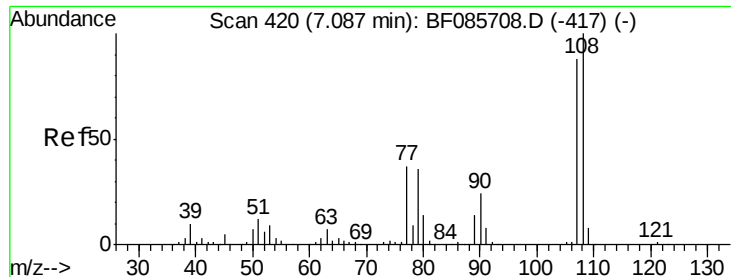
Ion Ratio Lower Upper

45 100

77 18.3 0.0 35.7

79 14.4 0.0 32.2





#17

2-Methylphenol

Concen: 40.02 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.02 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 228345

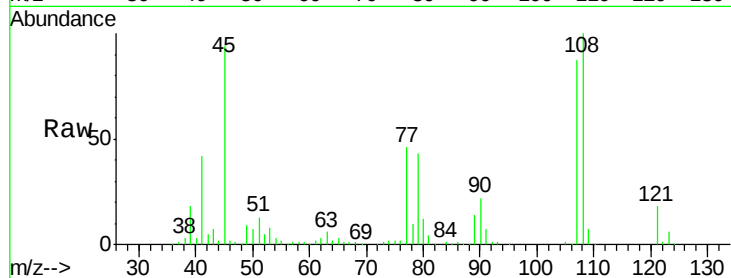
Ion Ratio Lower Upper

107 100

108 115.1 91.4 137.0

77 53.5 36.2 54.2

79 49.1 35.8 53.8

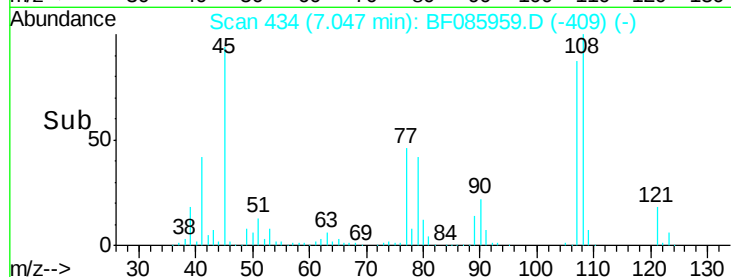


Abundance Ion 107.00 (106.70 to 107.70): E

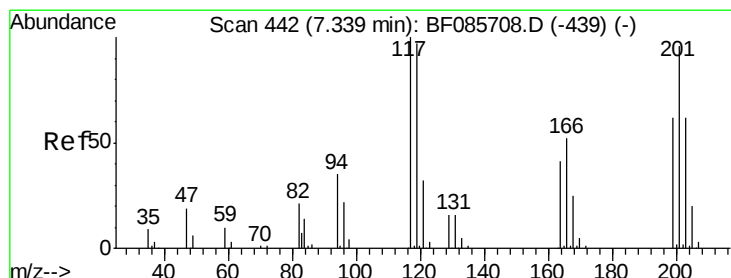
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 41.26 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

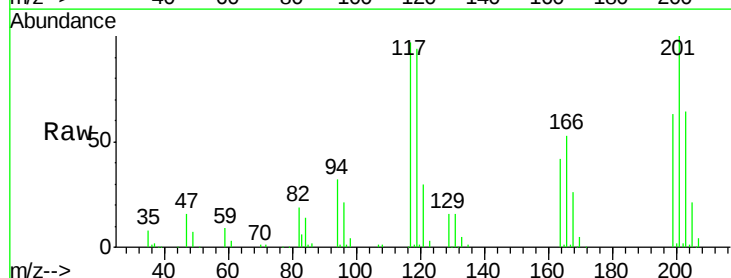
Tgt Ion:117 Resp: 117610

Ion Ratio Lower Upper

117 100

119 96.8 76.7 115.1

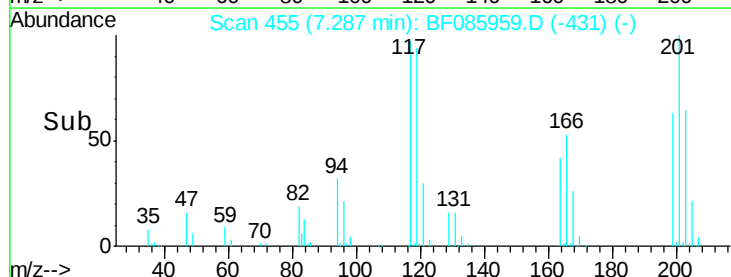
201 102.6 83.3 124.9



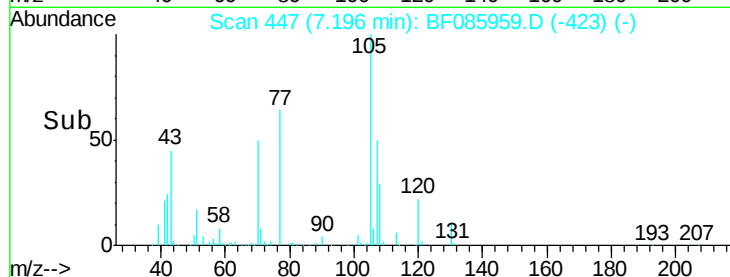
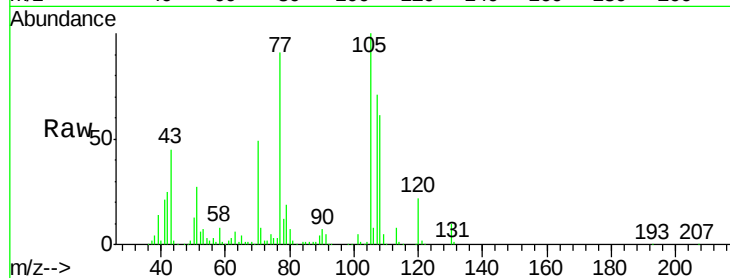
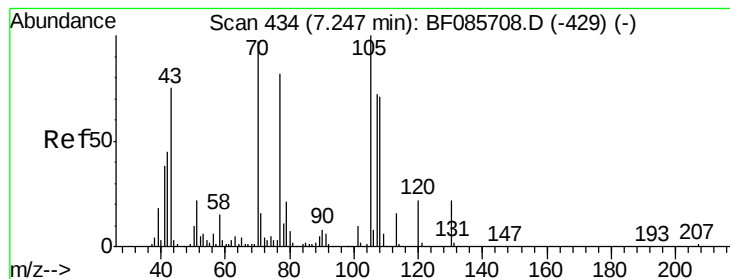
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 38.00 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 177466

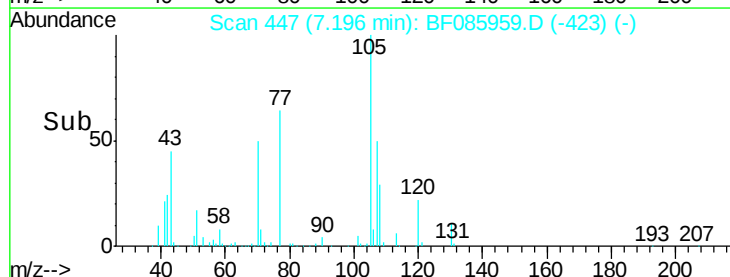
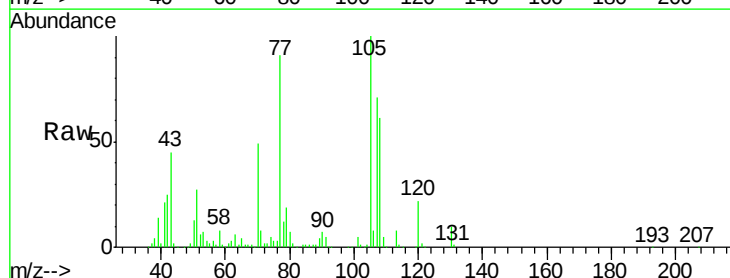
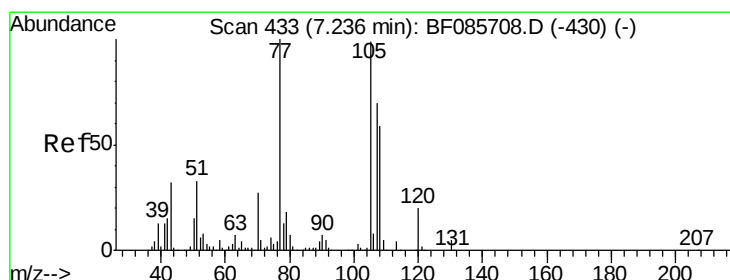
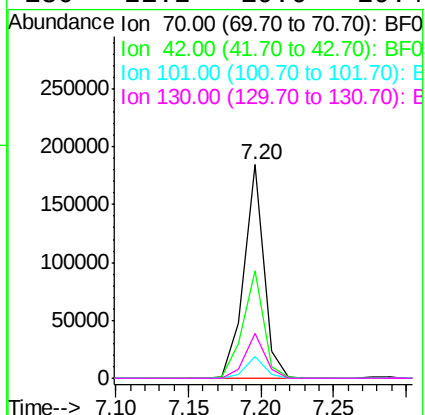
Ion Ratio Lower Upper

70 100

42 50.3 37.1 55.7

101 10.0 8.6 12.8

130 21.2 19.6 29.4



#20

3+4-Methylphenols

Concen: 40.76 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Tgt Ion:107 Resp: 279621

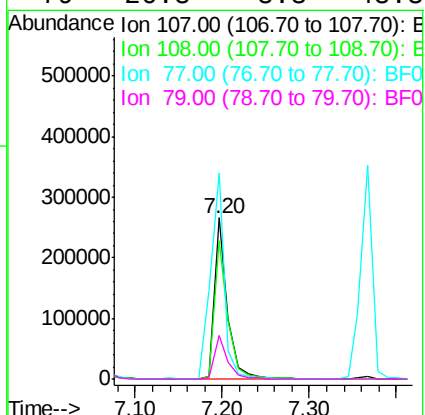
Ion Ratio Lower Upper

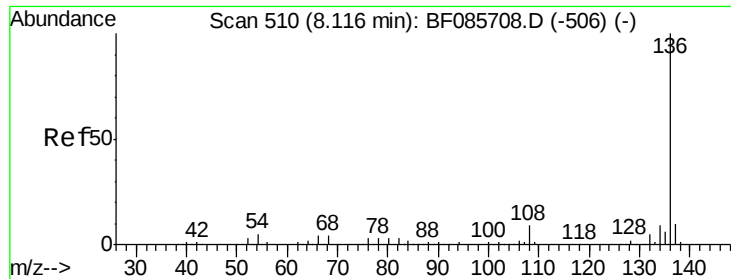
107 100

108 85.8 69.3 109.3

77 127.9 101.7 141.7

79 26.8 8.3 48.3

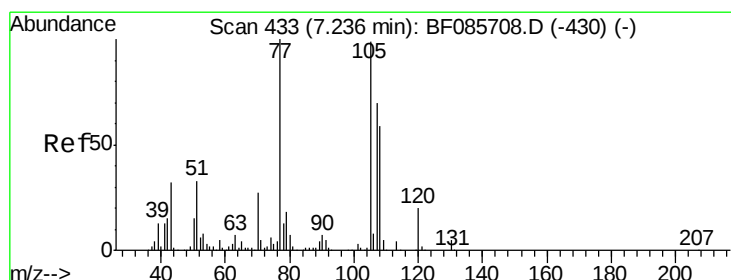
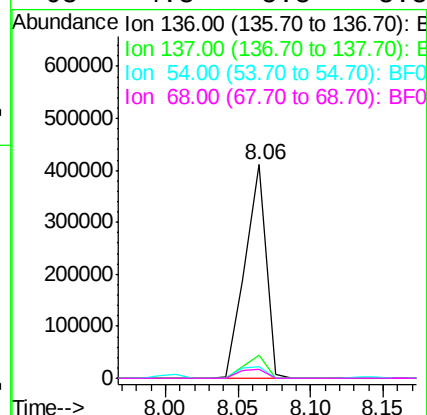
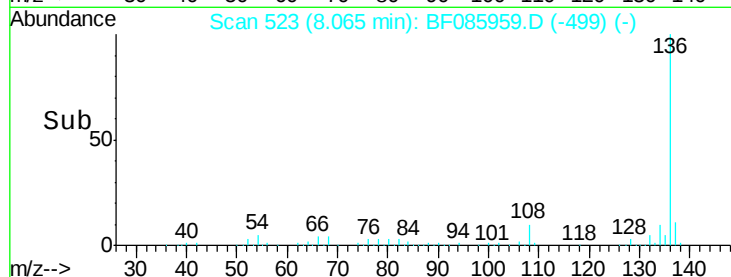
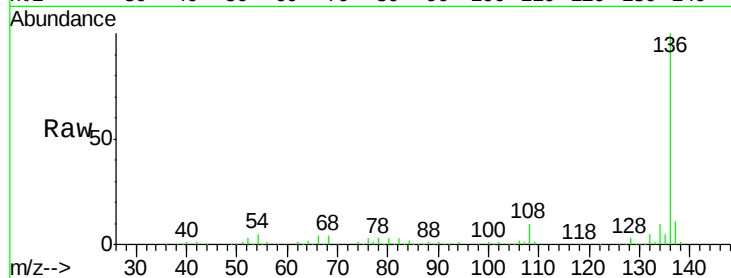




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.03 min
Lab File: BF085959.D
Acq: 1 Apr 2016 13:18

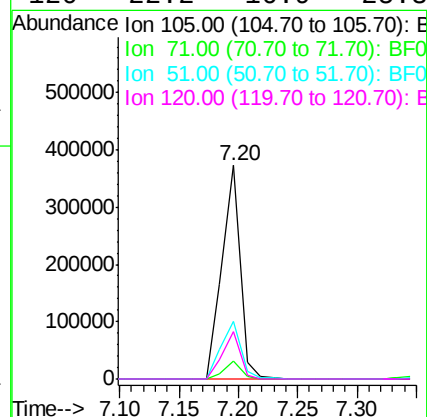
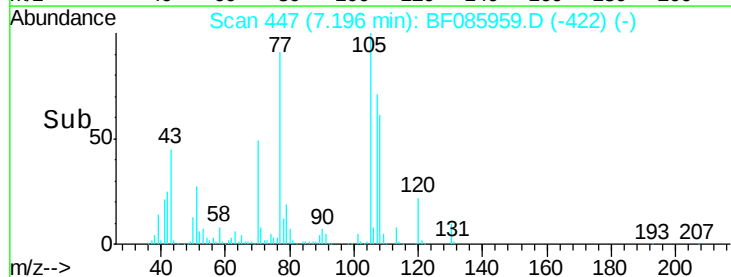
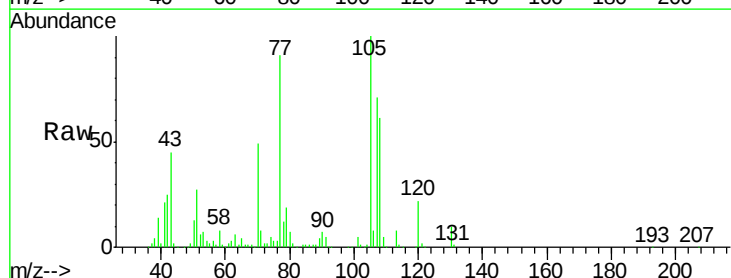
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	419234
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.1 13.7
54	5.2	7.4 11.0#
68	4.3	5.8 8.8#



#22
Acetophenone
Concen: 40.34 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF085959.D
Acq: 1 Apr 2016 13:18

Tgt Ion:105	Resp:	394037
Ion Ratio	Lower	Upper
105	100	
71	8.2	3.6 5.4#
51	26.9	25.4 38.0
120	22.2	16.9 25.3

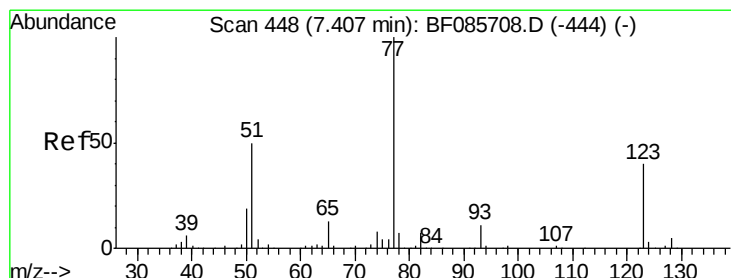
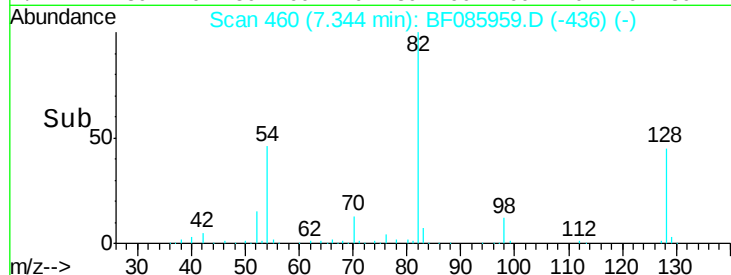
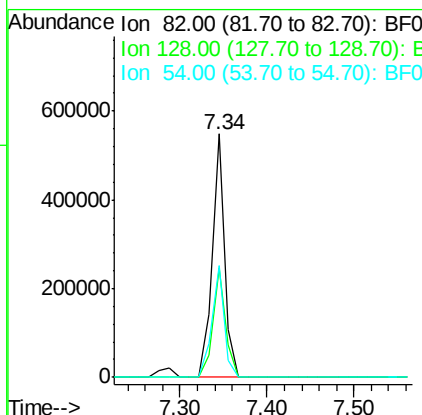
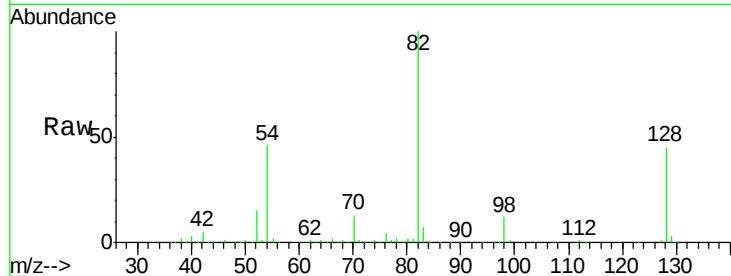




#23
 Nitrobenzene-d5
 Concen: 74.27 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.03 min
 Lab File: BF085959.D
 Acq: 1 Apr 2016 13:18

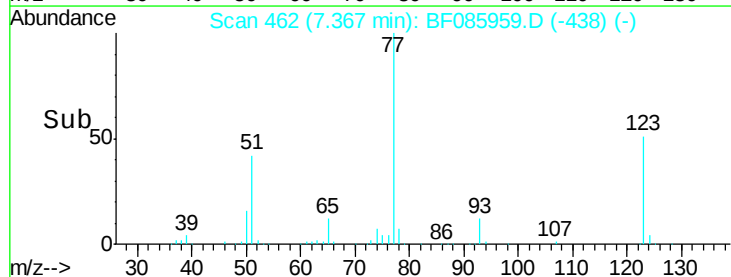
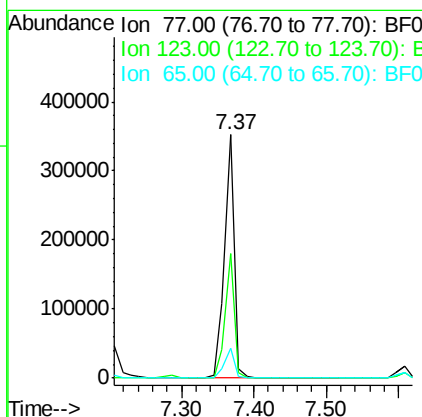
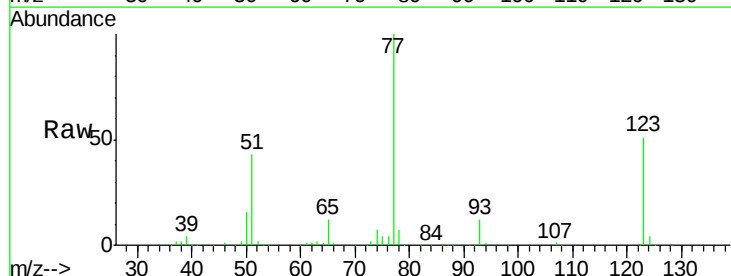
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

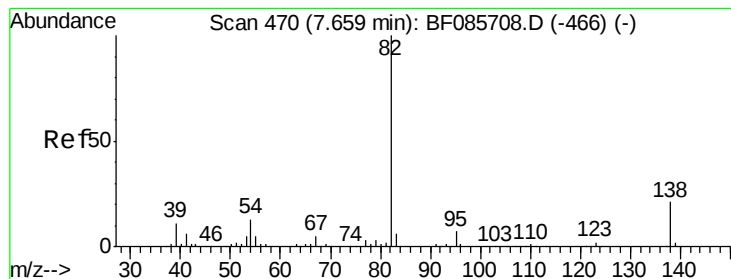
Tot Ion: 82 Resp: 552884
 Ion Ratio Lower Upper
 82 100
 128 44.8 41.8 62.8
 54 45.9 33.4 50.0



#24
 Nitrobenzene
 Concen: 43.55 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.03 min
 Lab File: BF085959.D
 Acq: 1 Apr 2016 13:18

Tgt Ion: 77 Resp: 334254
 Ion Ratio Lower Upper
 77 100
 123 51.0 35.0 52.4
 65 12.4 10.6 16.0





#25

Isophorone

Concen: 39.49 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

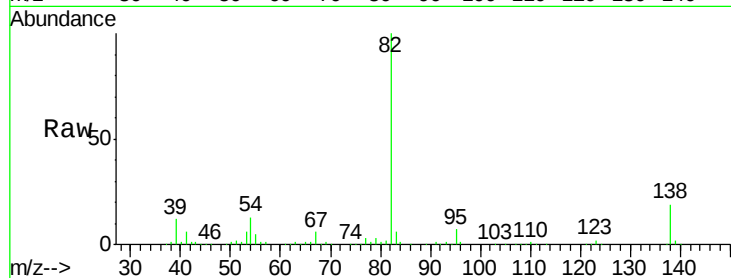
Tot Ion: 82 Resp: 566265

Ion Ratio Lower Upper

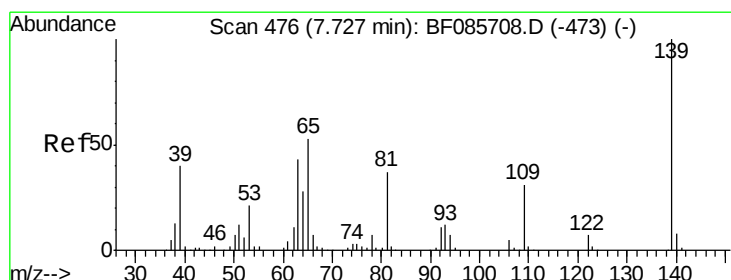
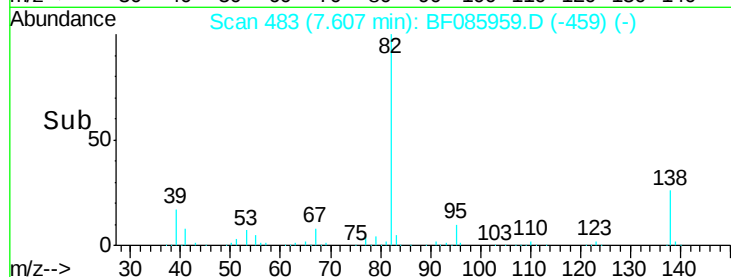
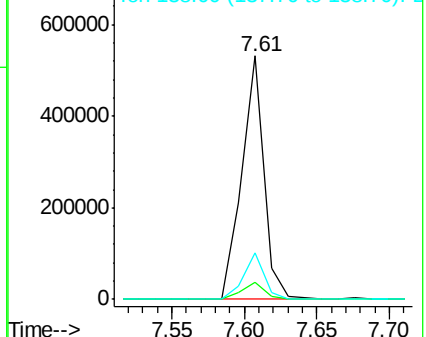
82 100

95 7.2 5.4 8.2

138 19.0 12.9 19.3



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



#26

2-Nitrophenol

Concen: 39.17 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

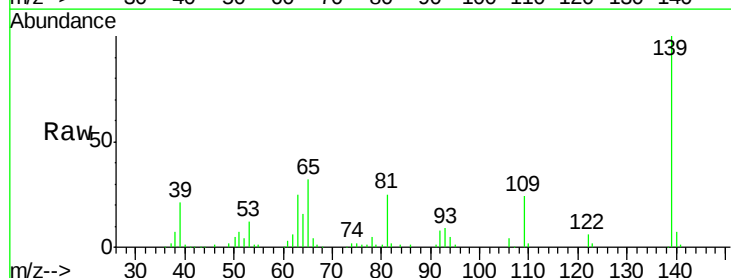
Tgt Ion: 139 Resp: 150397

Ion Ratio Lower Upper

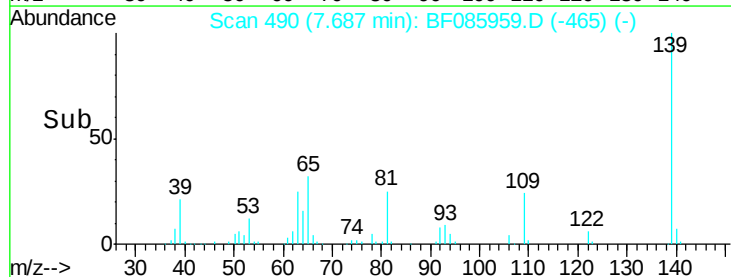
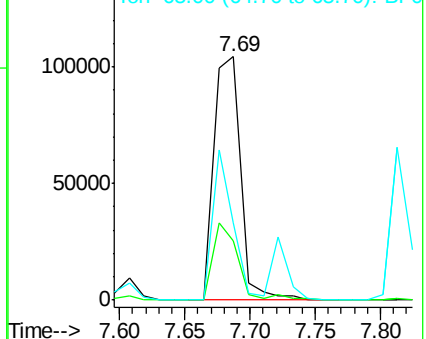
139 100

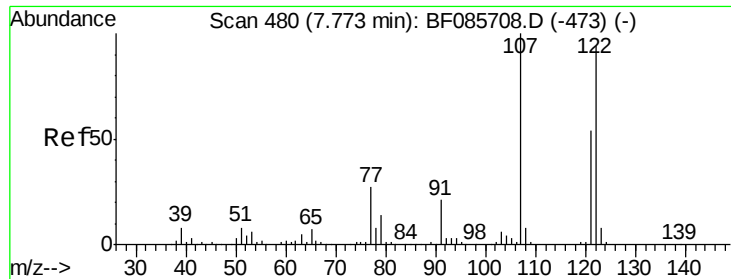
109 24.2 22.1 33.1

65 31.8 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: 36.83 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

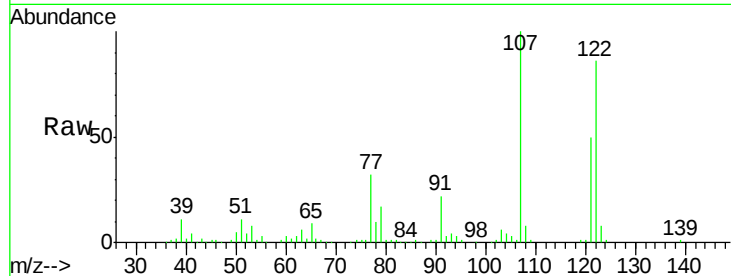
Tot Ion:122 Resp: 247135

Ion Ratio Lower Upper

122 100

107 115.8 93.0 139.6

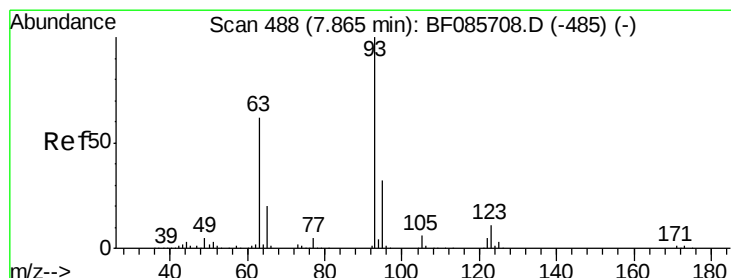
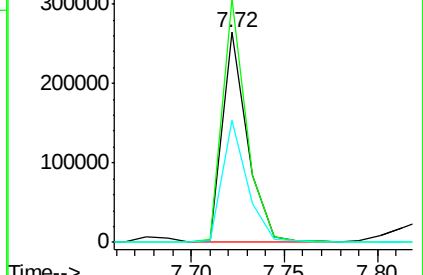
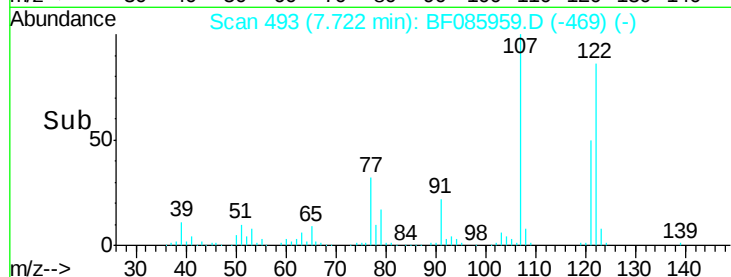
121 57.9 45.9 68.9



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: 37.50 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

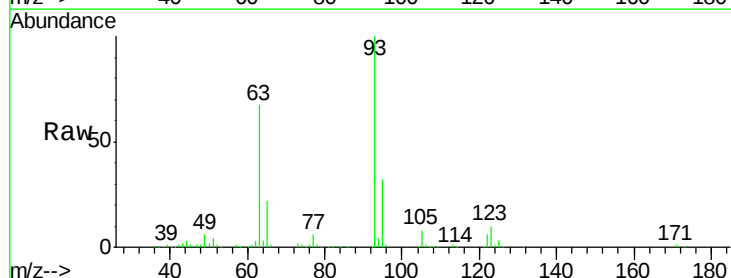
Tgt Ion: 93 Resp: 306441

Ion Ratio Lower Upper

93 100

95 32.2 26.4 39.6

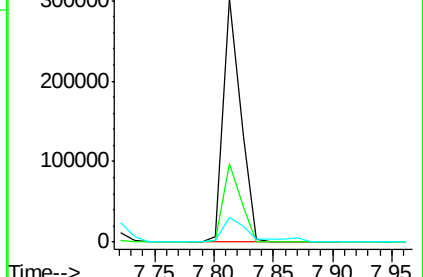
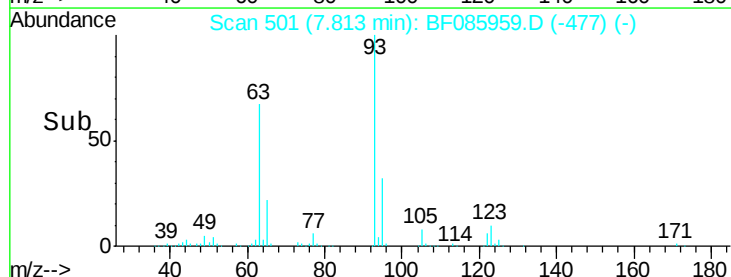
123 10.0 9.8 14.6

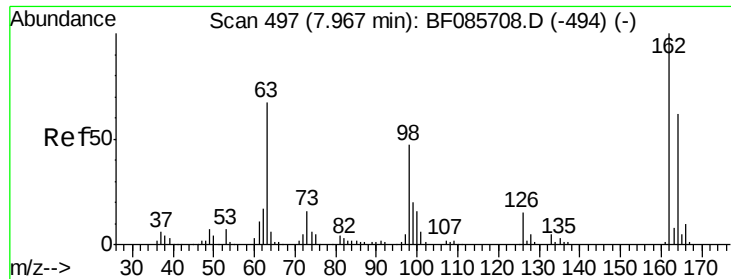


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

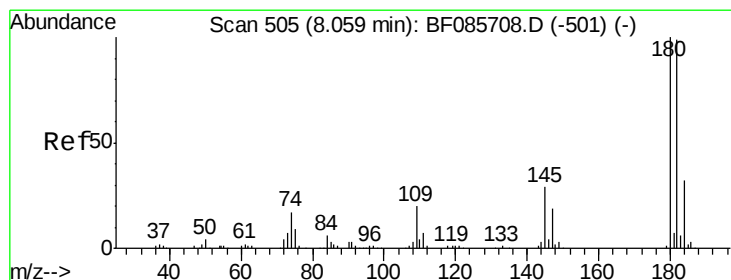
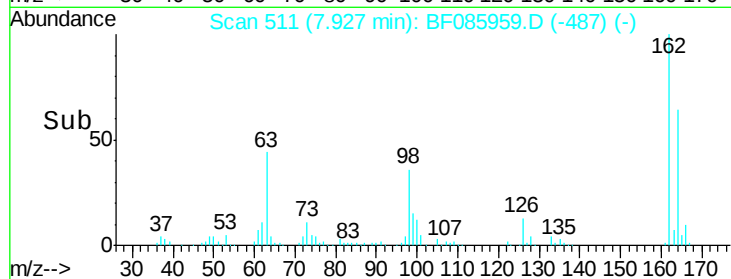
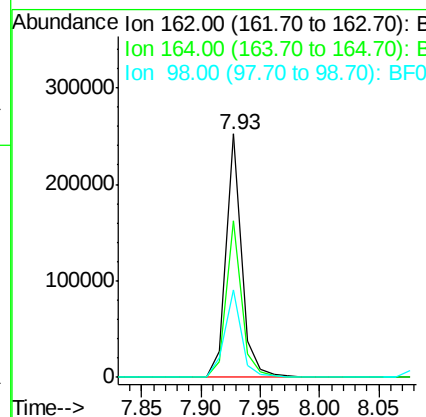
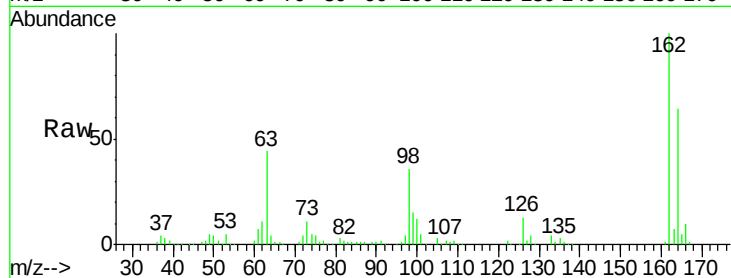




#29
 2,4-Dichlorophenol
 Concen: 40.32 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.03 min
 Lab File: BF085959.D
 Acq: 1 Apr 2016 13:18

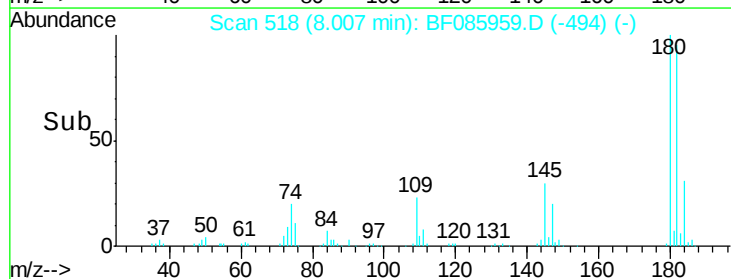
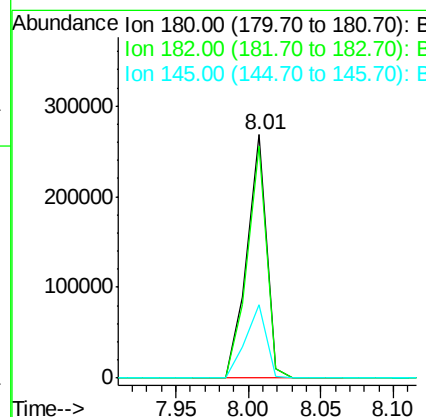
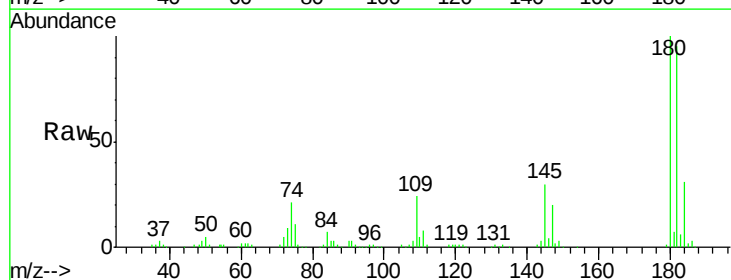
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

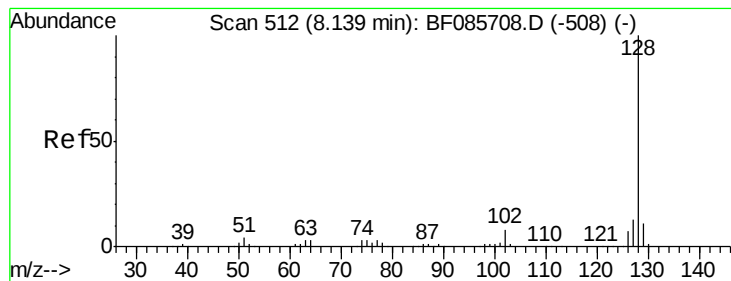
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.7	83.7
98	36.0	20.4	60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 40.52 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.03 min
 Lab File: BF085959.D
 Acq: 1 Apr 2016 13:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	73.8	110.8
145	30.3	28.4	42.6





#31

Naphthalene

Concen: 40.02 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

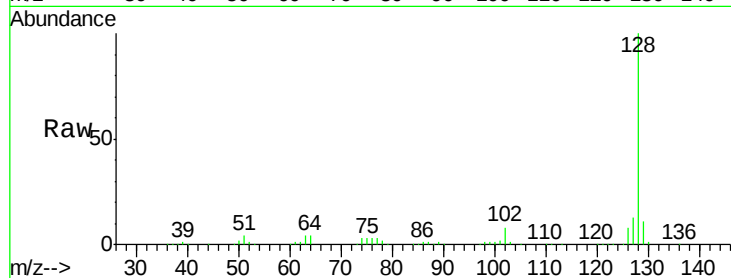
Tot Ion:128 Resp: 845487

Ion Ratio Lower Upper

128 100

129 10.8 9.4 14.0

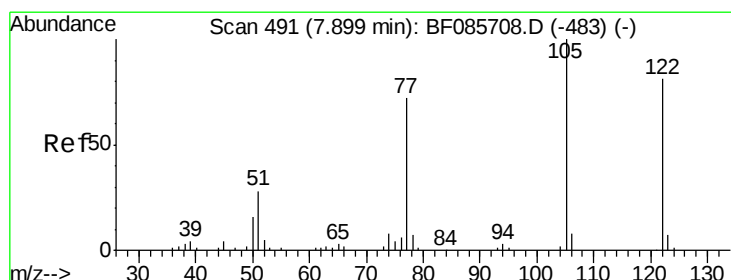
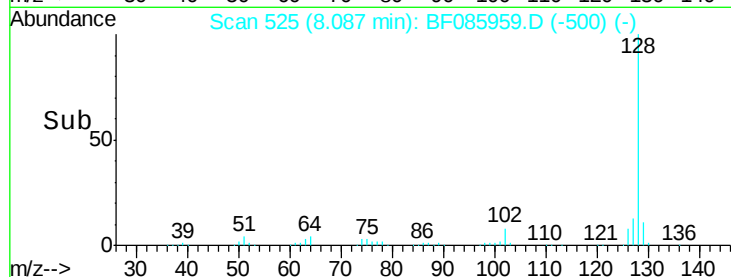
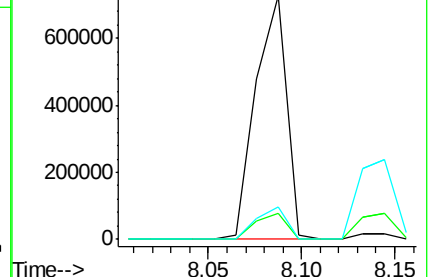
127 13.2 11.0 16.6



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: 47.61 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

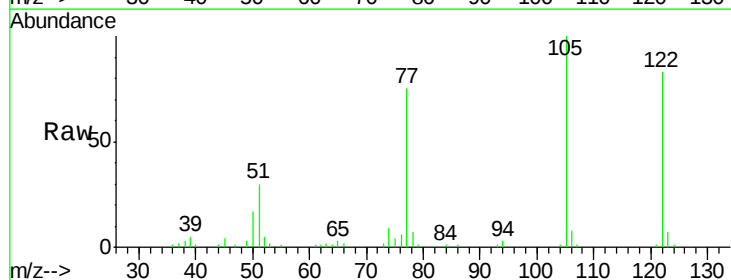
Tgt Ion:122 Resp: 212187

Ion Ratio Lower Upper

122 100

105 120.7 102.9 142.9

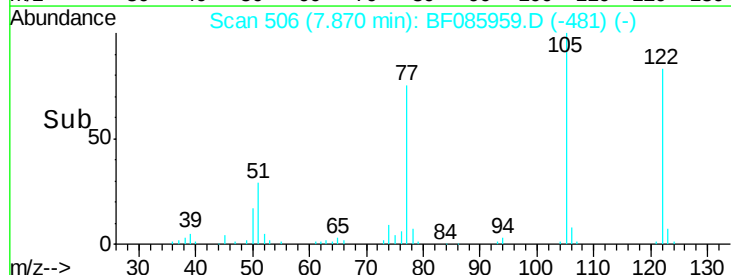
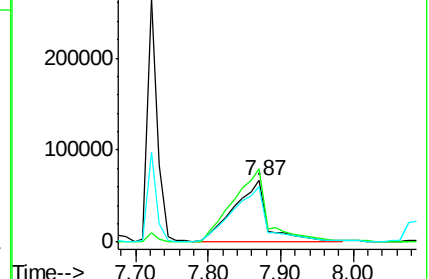
77 90.1 71.8 111.8

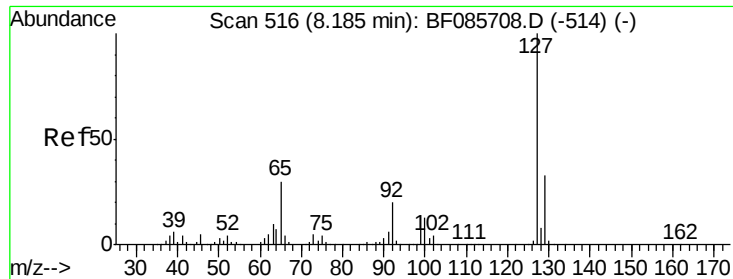


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

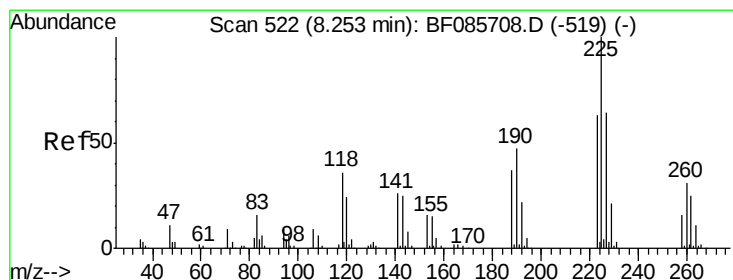
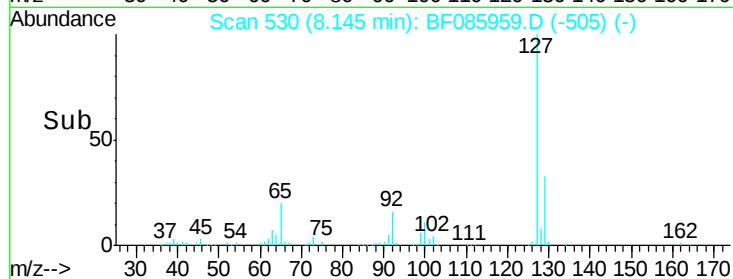
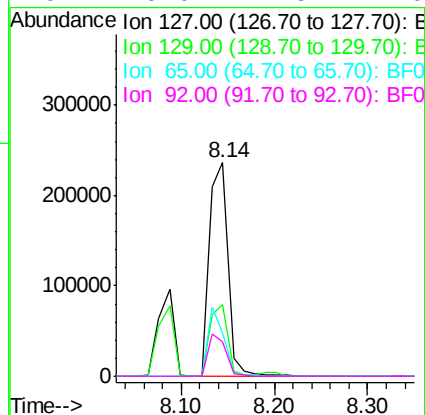
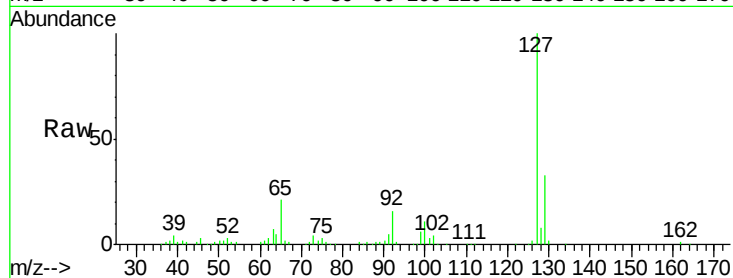




#33
4-Chloroaniline
Concen: 38.08 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF085959.D
Acq: 1 Apr 2016 13:18

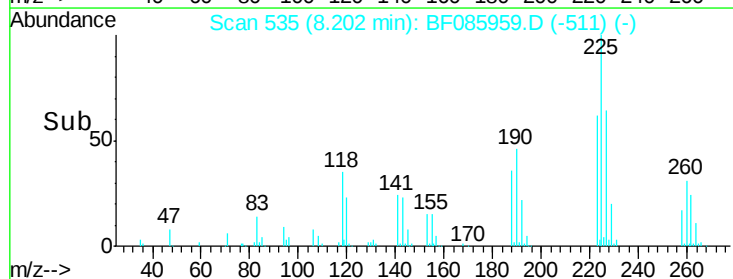
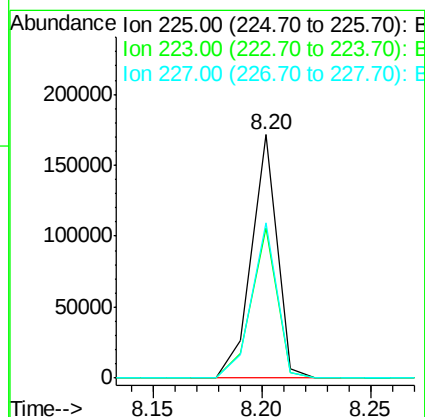
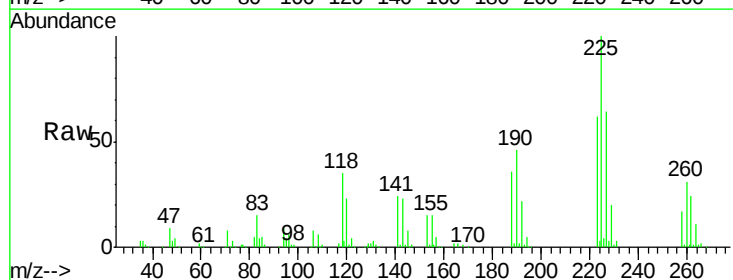
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	328421
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.1	39.1
65	20.6	19.5	29.3
92	16.0	14.6	22.0



#34
Hexachlorobutadiene
Concen: 41.22 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.03 min
Lab File: BF085959.D
Acq: 1 Apr 2016 13:18

Tgt Ion:	225	Resp:	140311
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.4	75.6
227	63.9	51.4	77.2





#35

Caprolactam

Concen: 40.70 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

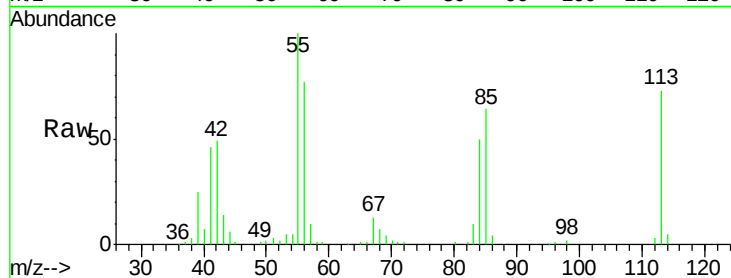
Tot Ion:113 Resp: 81339

Ion Ratio Lower Upper

113 100

55 137.6 139.4 179.4#

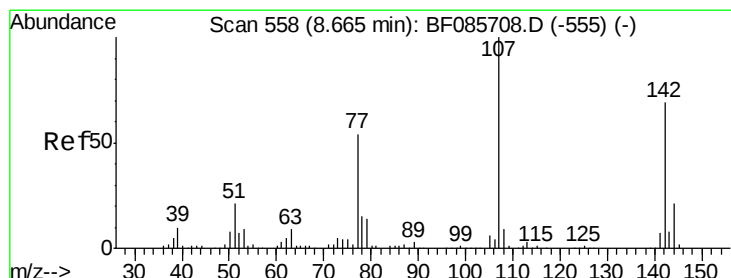
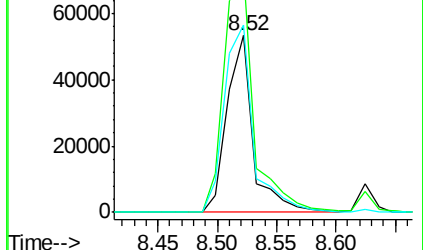
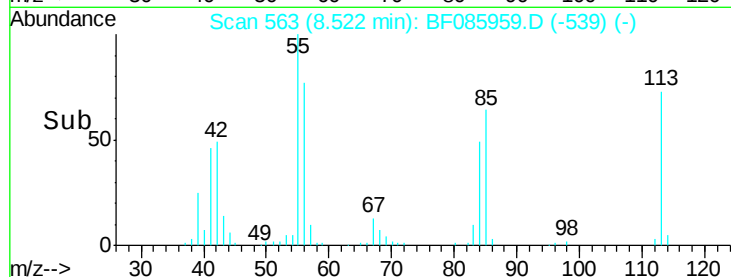
56 105.6 100.4 140.4



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: 38.62 ng

RT: 8.62 min Scan# 572

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

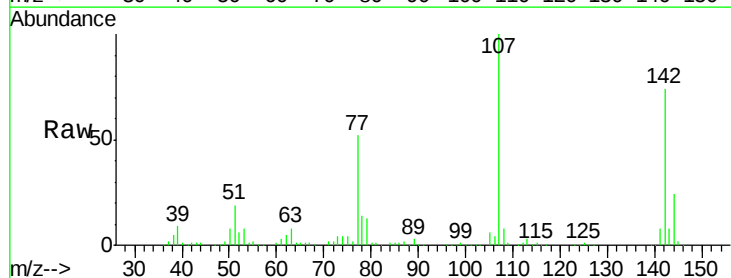
Tgt Ion:107 Resp: 254503

Ion Ratio Lower Upper

107 100

144 23.6 19.3 28.9

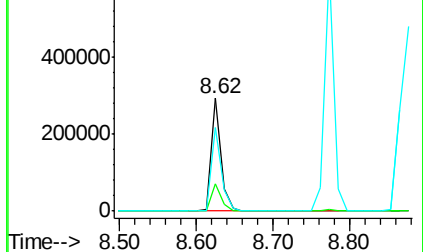
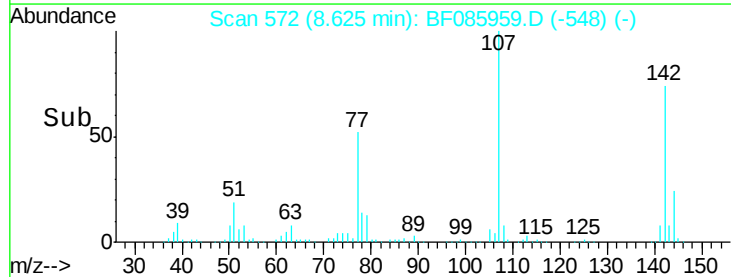
142 73.6 61.4 92.0

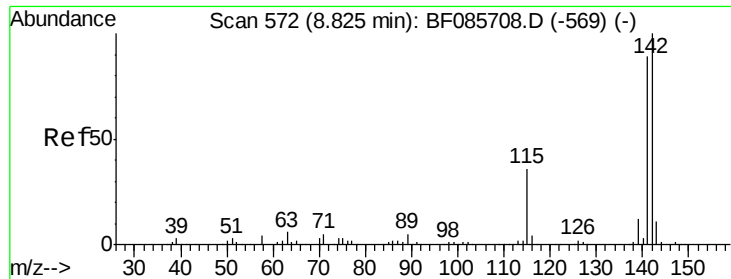


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

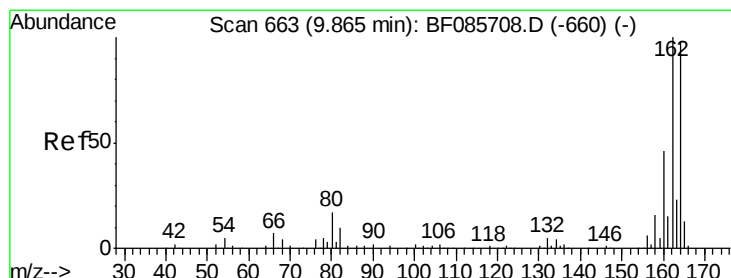
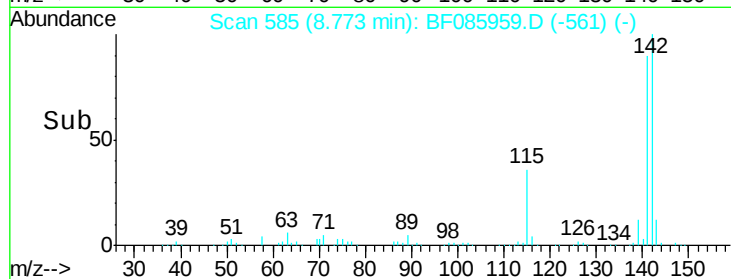
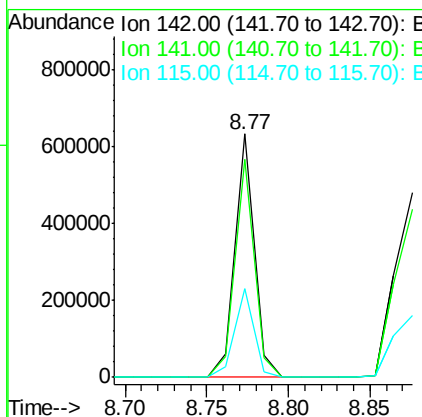
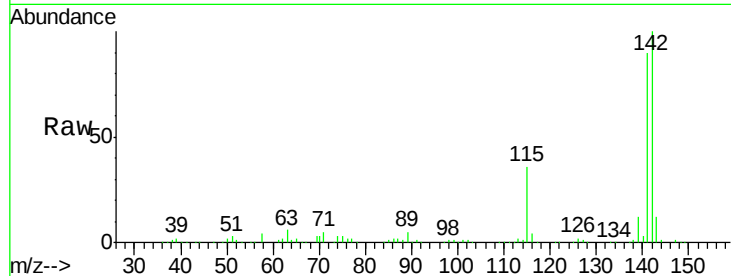




#37
 2-Methylnaphthalene
 Concen: 41.46 ng
 RT: 8.77 min Scan# 585
 Delta R.T. -0.03 min
 Lab File: BF085959.D
 Acq: 1 Apr 2016 13:18

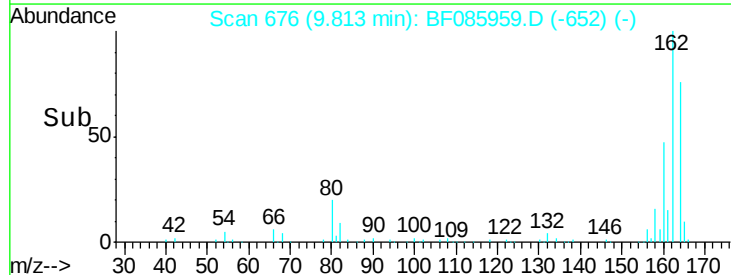
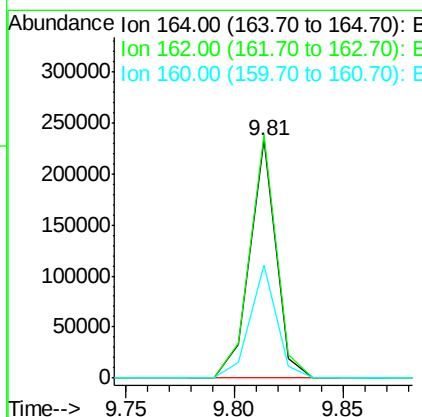
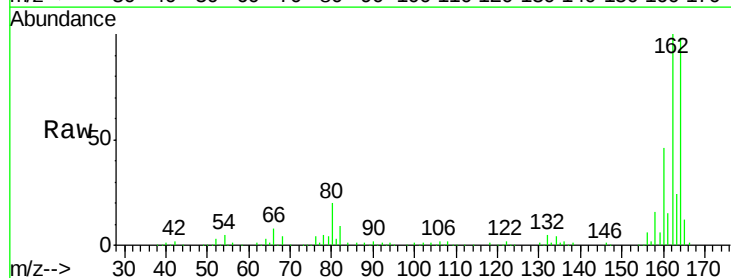
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

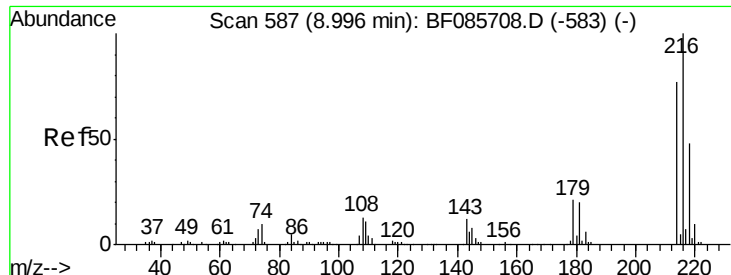
Tot Ion:142 Resp: 520473
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.6 107.4
 115 36.2 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.03 min
 Lab File: BF085959.D
 Acq: 1 Apr 2016 13:18

Tgt Ion:164 Resp: 195940
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.1 123.1
 160 47.3 37.4 56.2

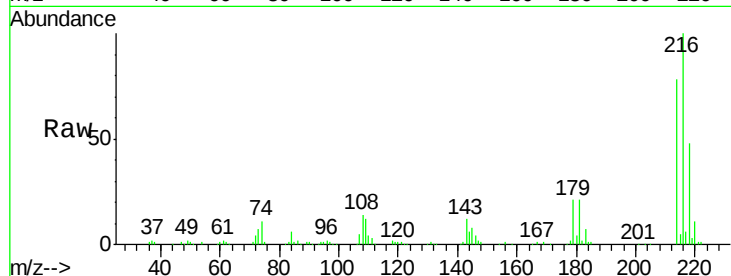




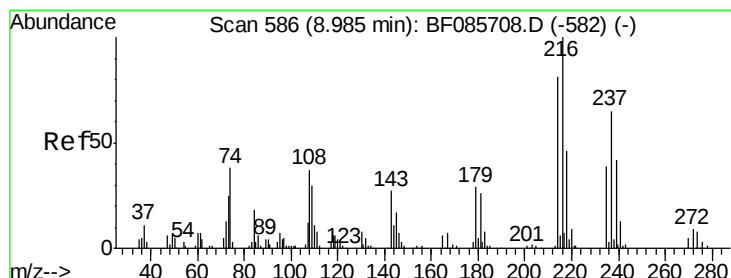
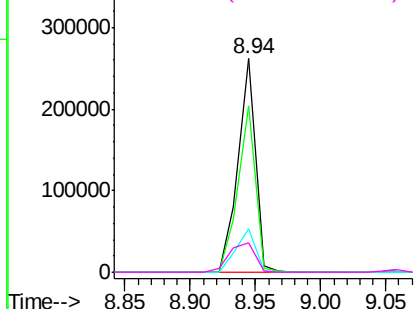
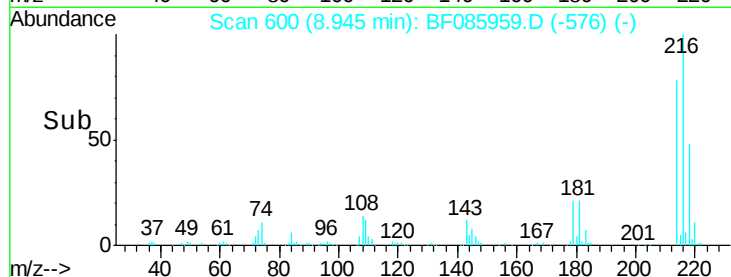
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.44 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF085959.D
 Acq: 1 Apr 2016 13:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:216	Resp:	240812
Ion Ratio	Lower	Upper
216	100	
214	78.6	63.1 94.7
179	22.4	18.2 27.2
108	20.3	17.3 25.9

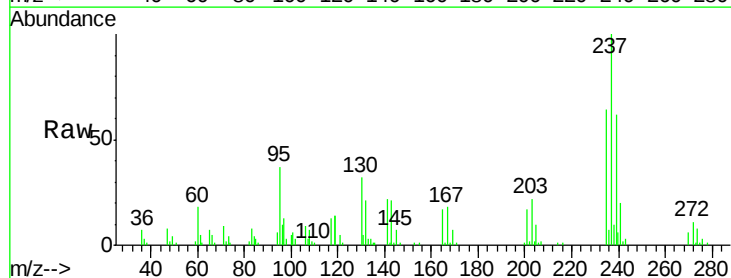


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

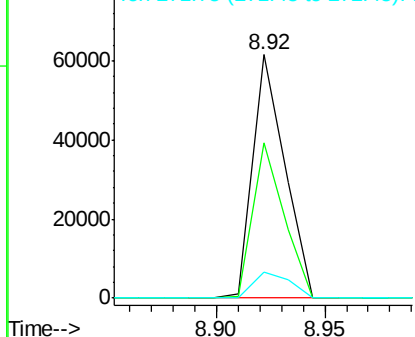
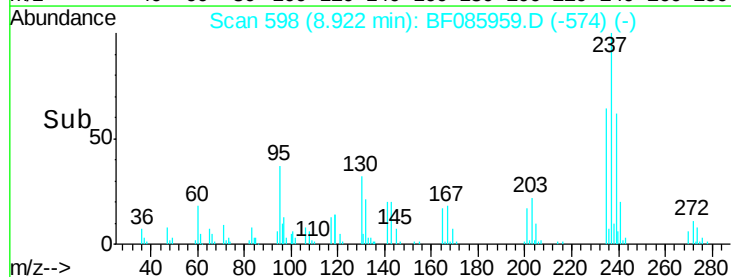


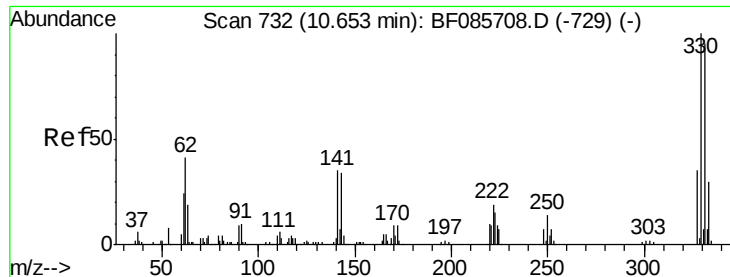
#40
 Hexachlorocyclopentadiene
 Concen: 32.18 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.03 min
 Lab File: BF085959.D
 Acq: 1 Apr 2016 13:18

Tgt Ion:237	Resp:	62901
Ion Ratio	Lower	Upper
237	100	
235	63.6	43.7 83.7
272	10.6	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

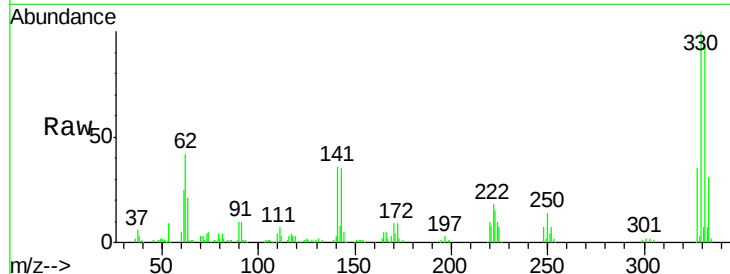




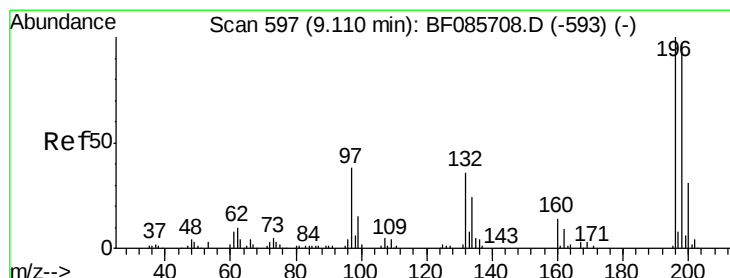
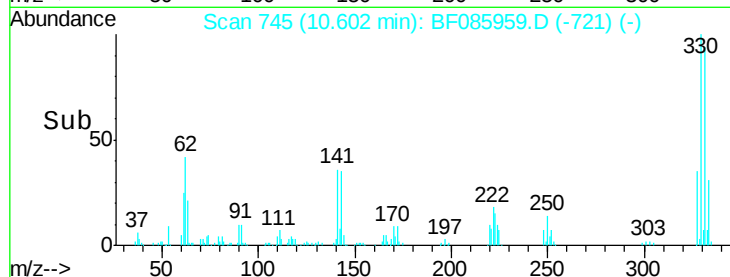
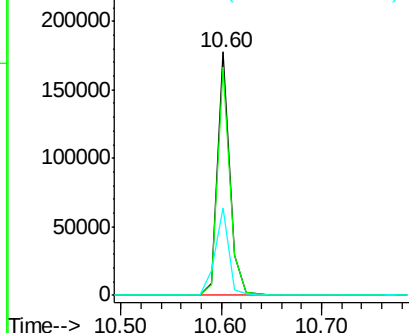
#41
 2,4,6-Tribromophenol
 Concen: 81.41 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF085959.D
 Acq: 1 Apr 2016 13:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.2	117.2
141	39.7	31.5	47.3

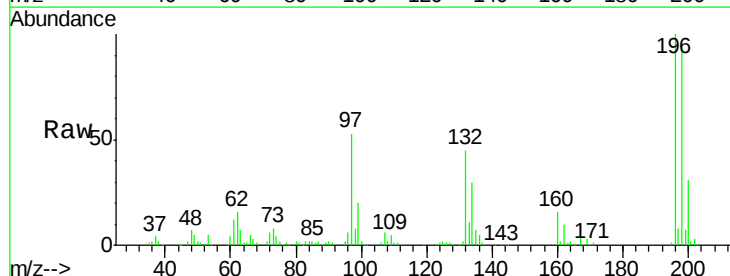


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

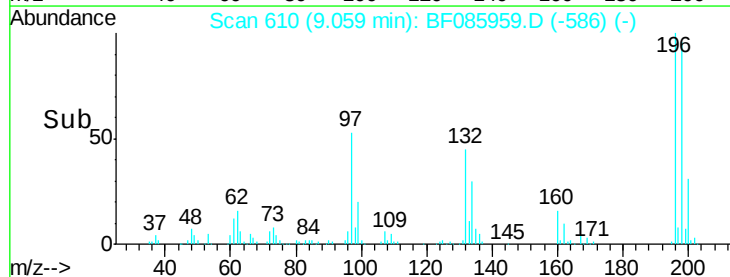
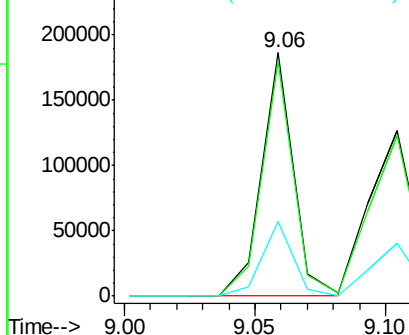


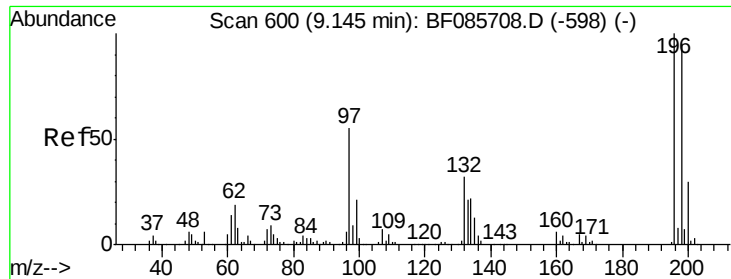
#42
 2,4,6-Trichlorophenol
 Concen: 40.41 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: BF085959.D
 Acq: 1 Apr 2016 13:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.3	112.9
200	30.8	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

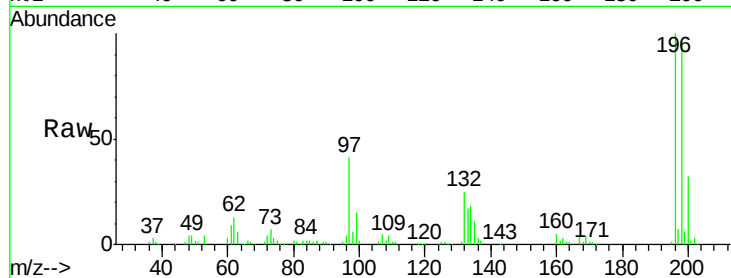




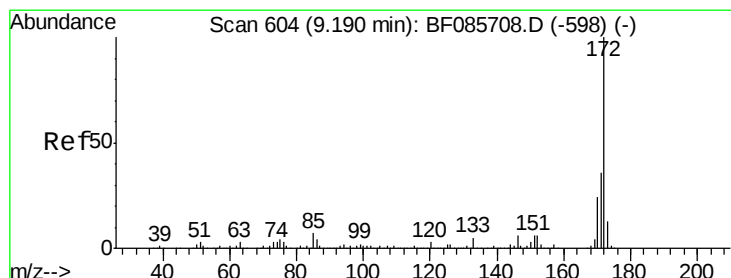
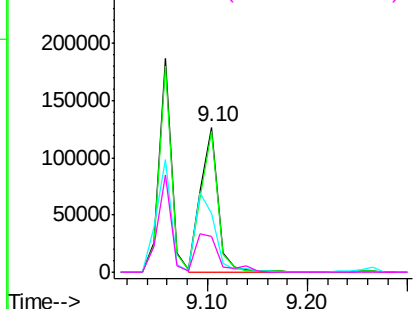
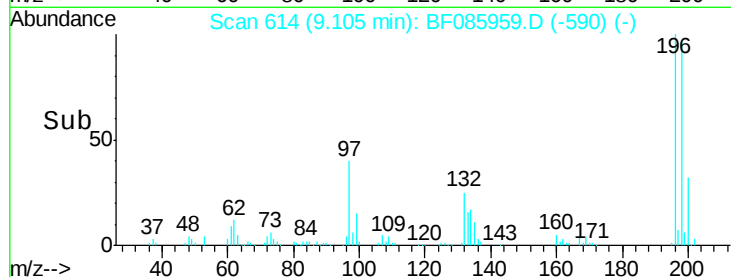
#43
 2,4,5-Trichlorophenol
 Concen: 37.10 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF085959.D
 Acq: 1 Apr 2016 13:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 152693
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.6 114.8
 97 40.6 30.5 45.7
 132 25.1 20.2 30.2

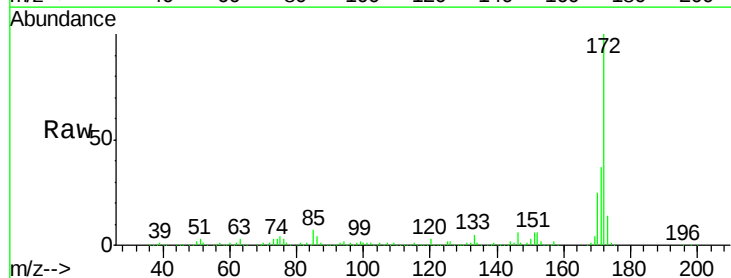


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

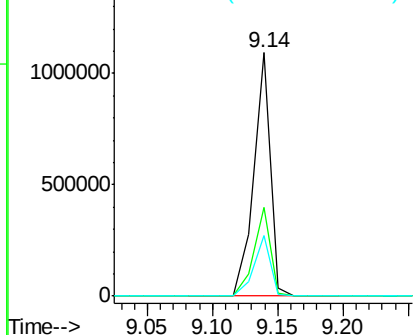
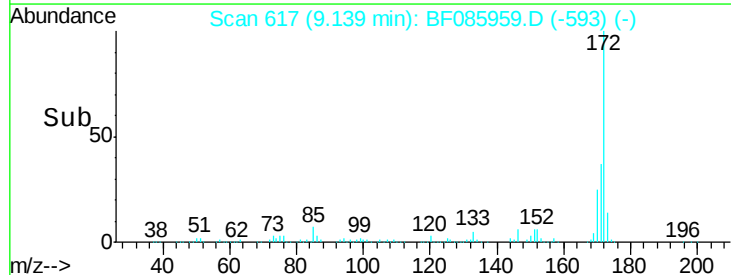


#44
 2-Fluorobiphenyl
 Concen: 82.52 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF085959.D
 Acq: 1 Apr 2016 13:18

Tgt Ion:172 Resp: 967779
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 24.9 19.8 29.6



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





#45

1,1'-Biphenyl

Concen: 41.60 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

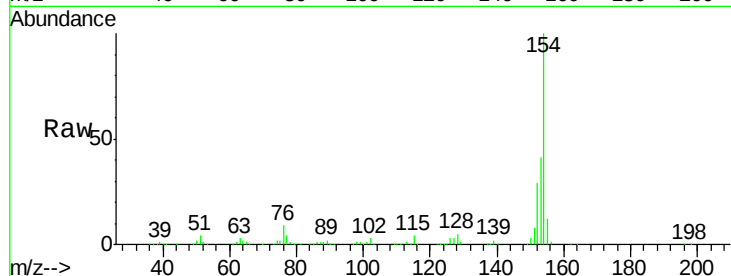
Tot Ion:154 Resp: 687771

Ion Ratio Lower Upper

154 100

153 40.8 20.8 60.8

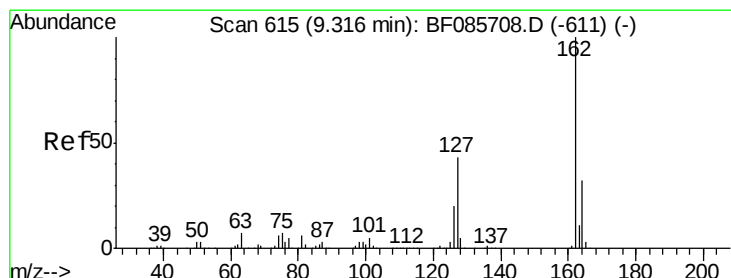
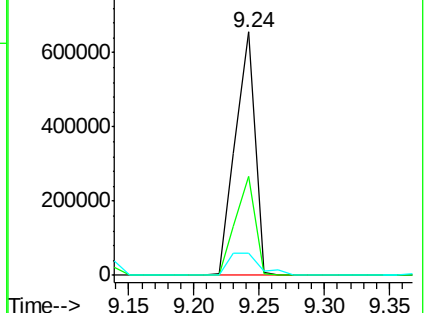
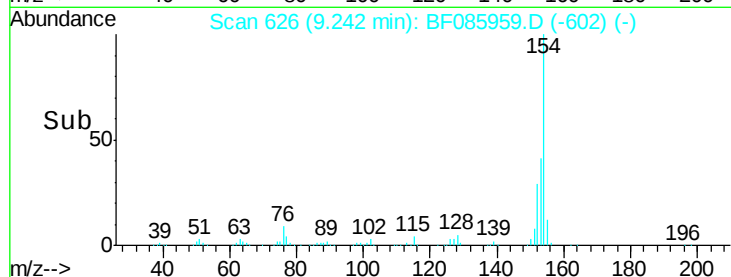
76 9.3 0.0 36.7



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): E



#46

2-Chloronaphthalene

Concen: 41.85 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

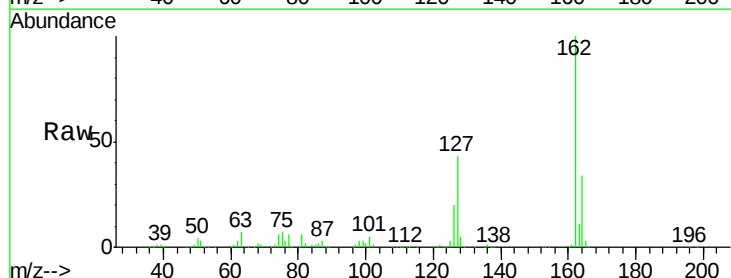
Tgt Ion:162 Resp: 508833

Ion Ratio Lower Upper

162 100

127 43.0 31.7 47.5

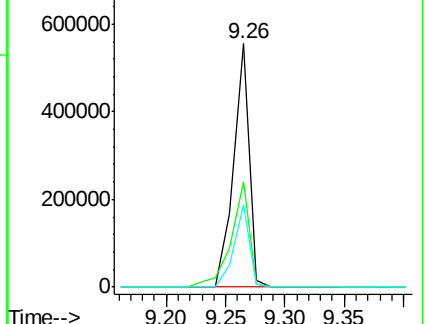
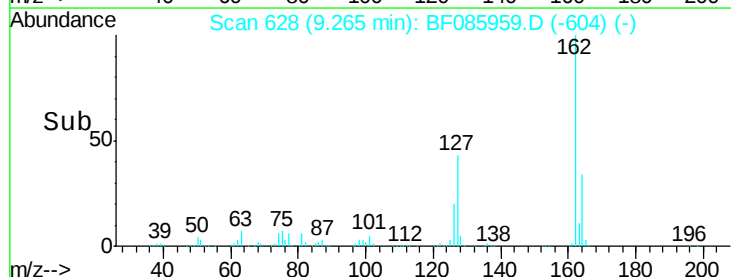
164 33.6 27.3 40.9

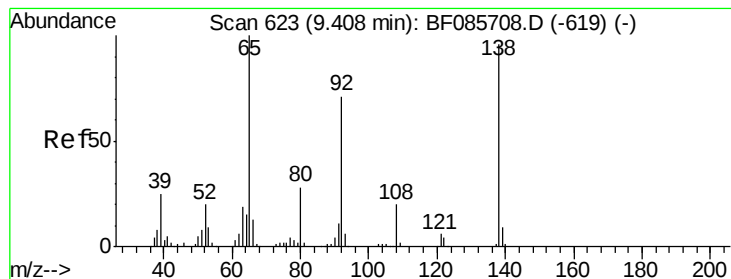


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.22 ng

RT: 9.37 min Scan# 637

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

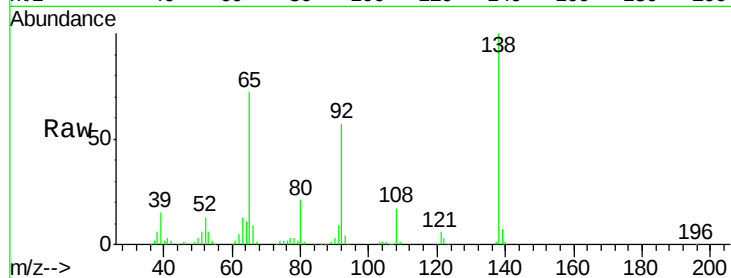
Tot Ion: 65 Resp: 156973

Ion Ratio Lower Upper

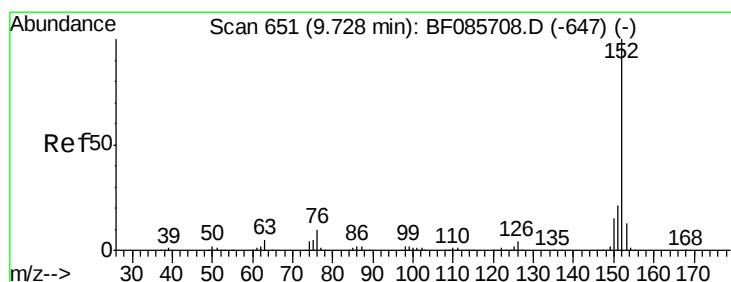
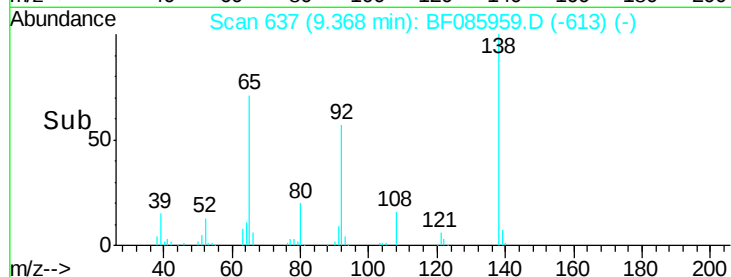
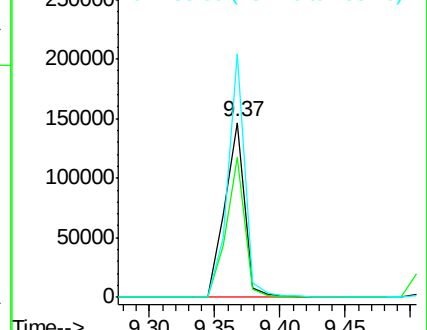
65 100

92 79.6 59.7 89.5

138 139.0 91.4 137.0#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 41.95 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

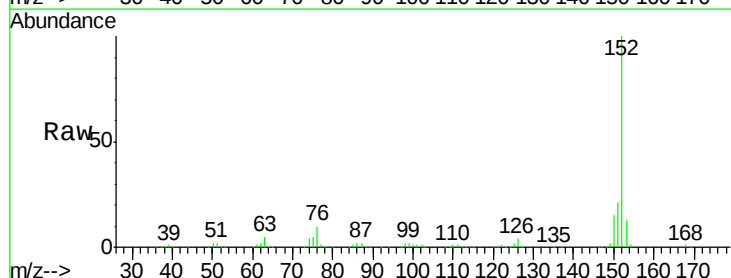
Tgt Ion: 152 Resp: 831020

Ion Ratio Lower Upper

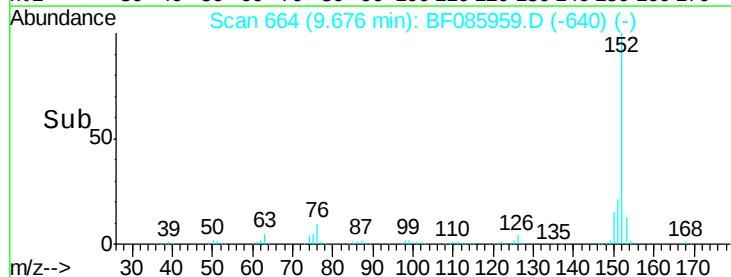
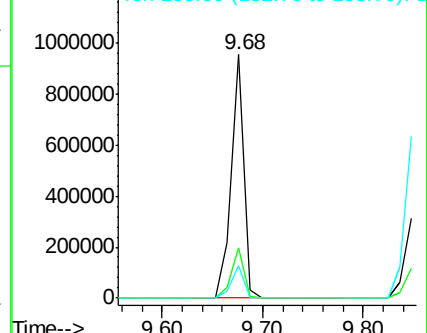
152 100

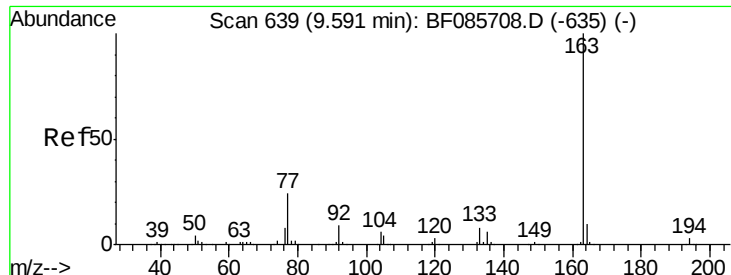
151 20.7 16.8 25.2

153 13.3 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

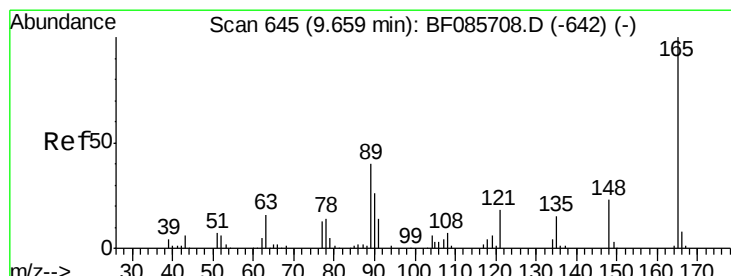
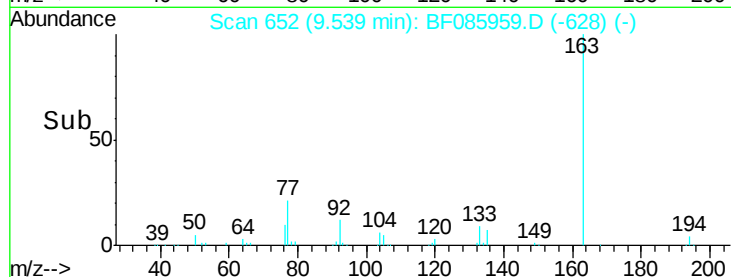
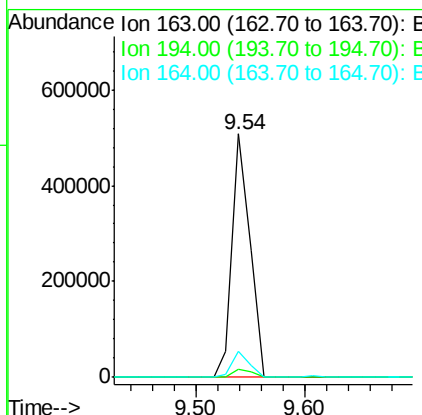
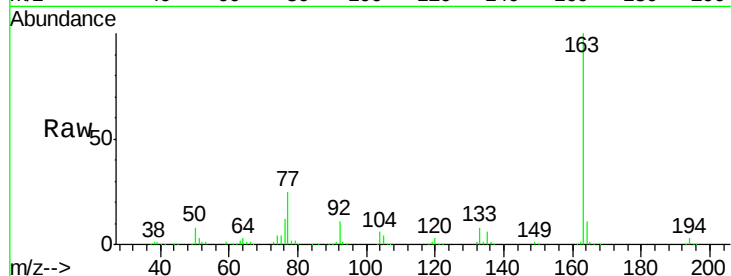




#49
Dimethylphthalate
Concen: 38.32 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.03 min
Lab File: BF085959.D
Acq: 1 Apr 2016 13:18

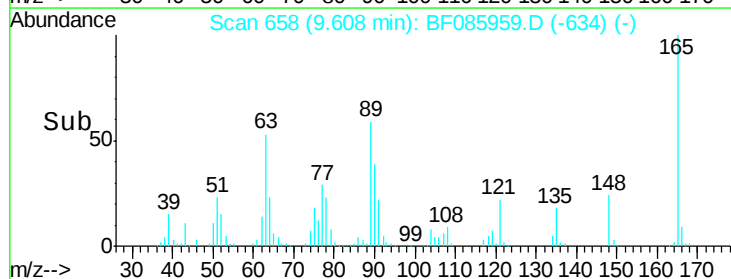
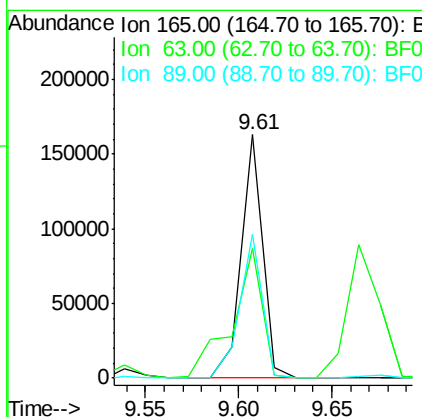
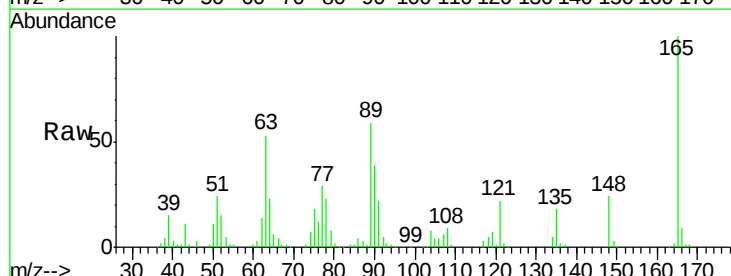
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 569657
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 10.6 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 41.15 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF085959.D
Acq: 1 Apr 2016 13:18

Tgt Ion:165 Resp: 131673
Ion Ratio Lower Upper
165 100
63 53.3 51.8 77.8
89 59.2 53.7 80.5





#51

Acenaphthene

Concen: 40.03 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

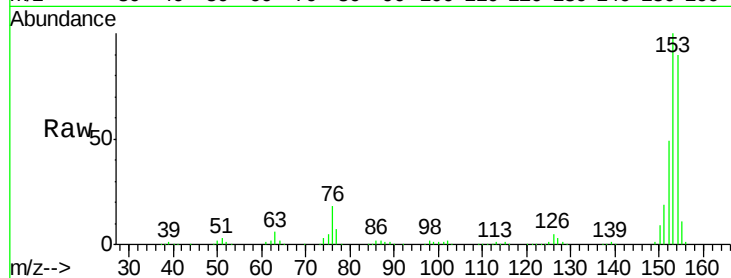
Tot Ion:154 Resp: 484360

Ion Ratio Lower Upper

154 100

153 111.1 90.1 135.1

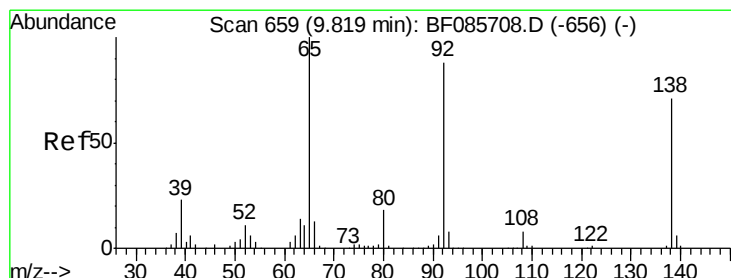
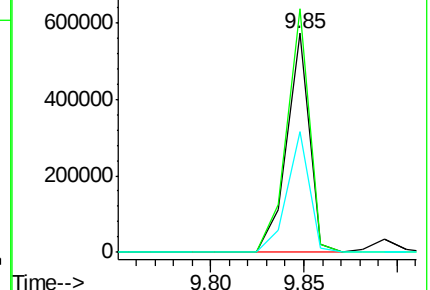
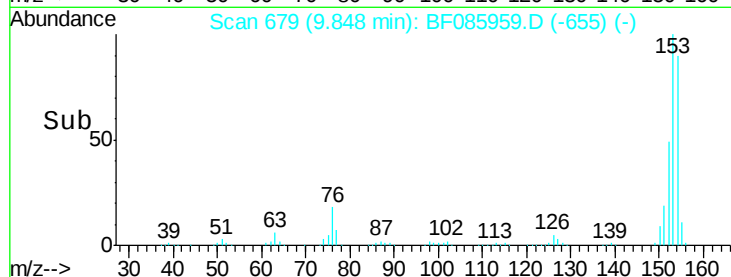
152 54.9 44.2 66.2



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: 45.08 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

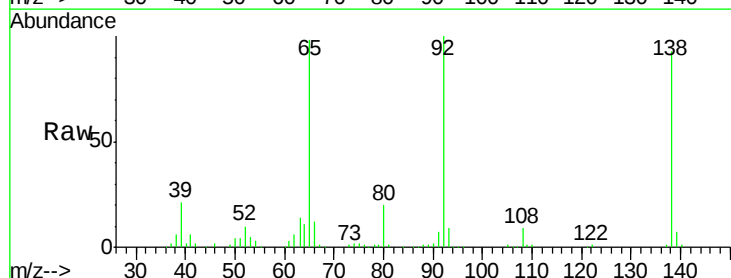
Tgt Ion:138 Resp: 165112

Ion Ratio Lower Upper

138 100

108 10.1 8.7 13.1

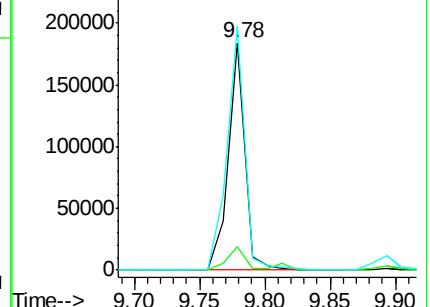
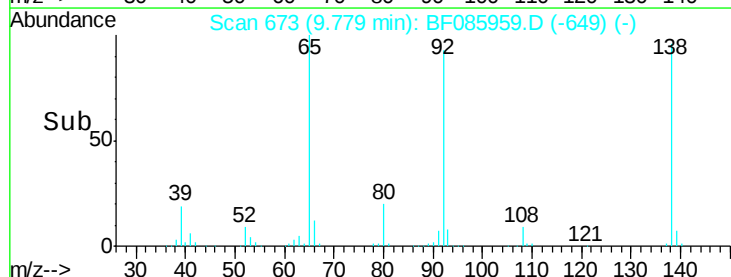
92 107.2 93.3 139.9



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

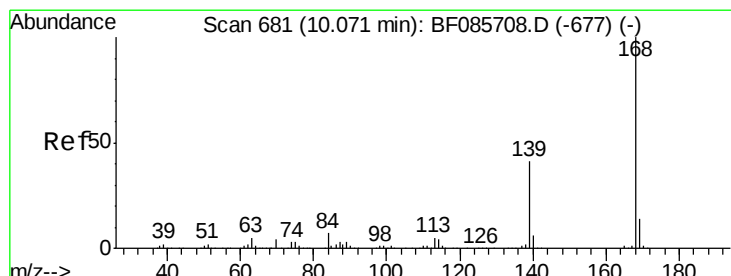
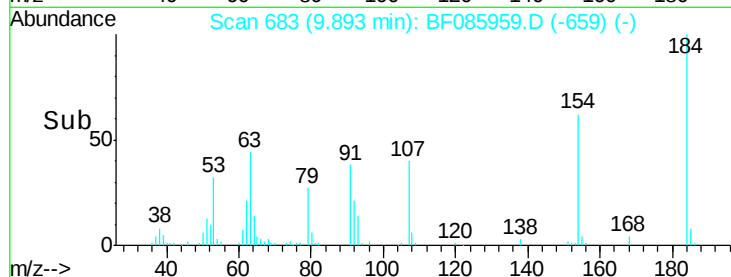
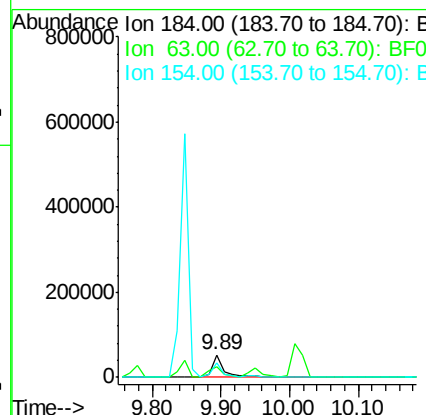
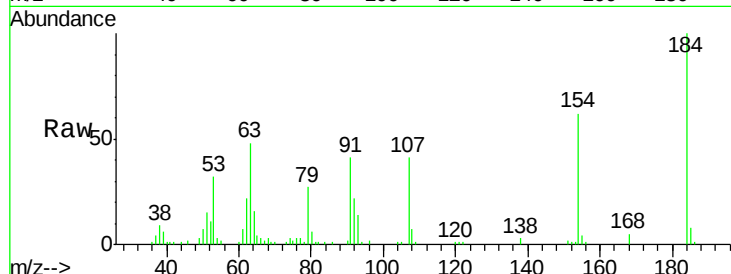




#53
2,4-Dinitrophenol
Concen: 43.19 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF085959.D
Acq: 1 Apr 2016 13:18

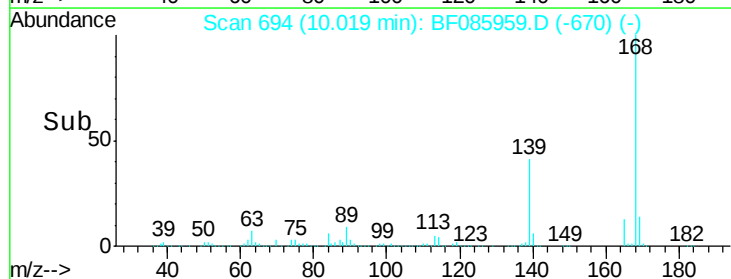
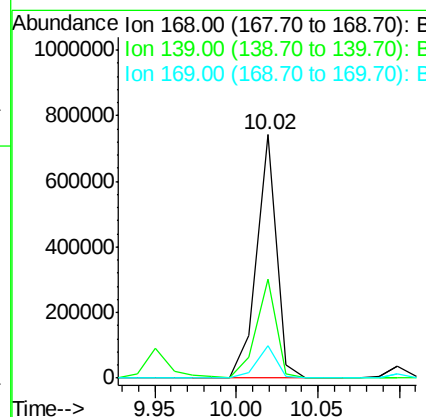
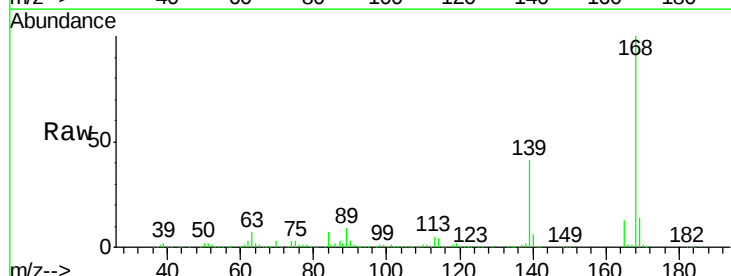
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

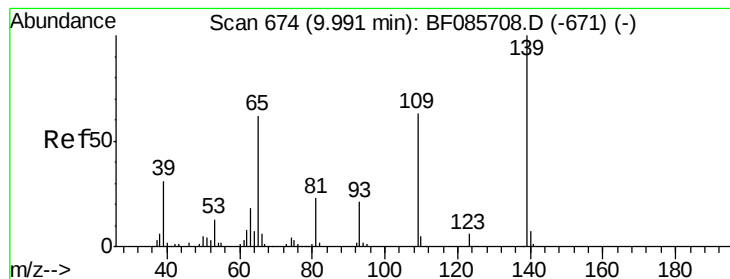
Tot Ion:184 Resp: 64963
Ion Ratio Lower Upper
184 100
63 47.7 69.5 104.3#
154 61.7 58.3 87.5



#54
Dibenzofuran
Concen: 40.16 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF085959.D
Acq: 1 Apr 2016 13:18

Tgt Ion:168 Resp: 628955
Ion Ratio Lower Upper
168 100
139 40.8 31.9 47.9
169 13.5 11.0 16.6





#55

4-Nitrophenol

Concen: 38.81 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

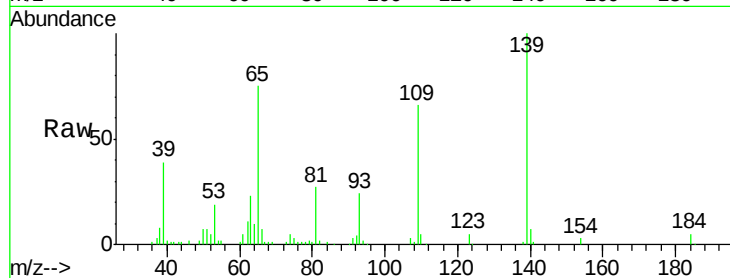
Tot Ion:139 Resp: 92607

Ion Ratio Lower Upper

139 100

109 66.2 49.2 89.2

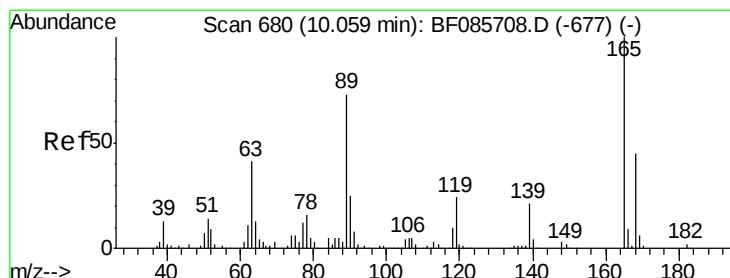
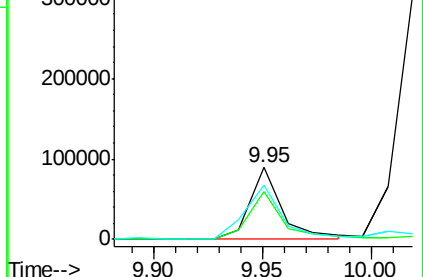
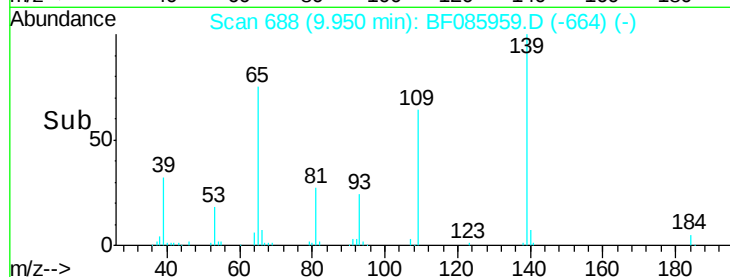
65 75.3 66.9 106.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 37.91 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Tgt Ion:165 Resp: 154190

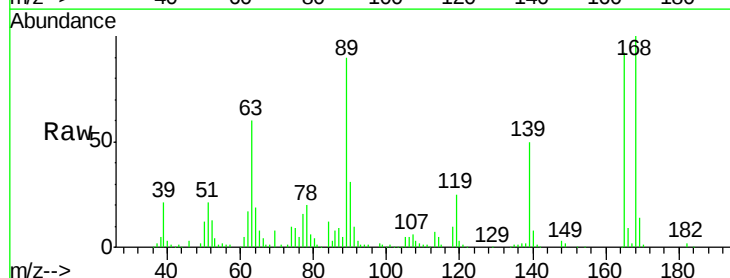
Ion Ratio Lower Upper

165 100

63 64.6 24.9 37.3#

89 97.4 41.0 61.6#

182 2.4 2.1 3.1

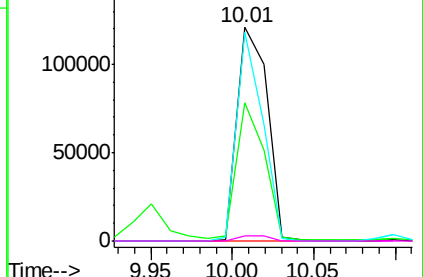
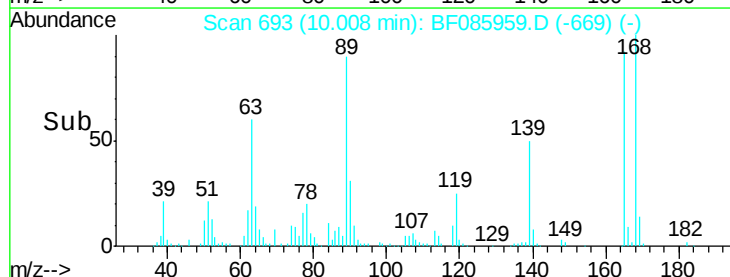


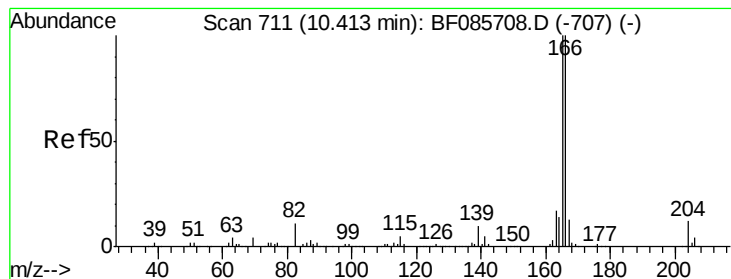
Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.32 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

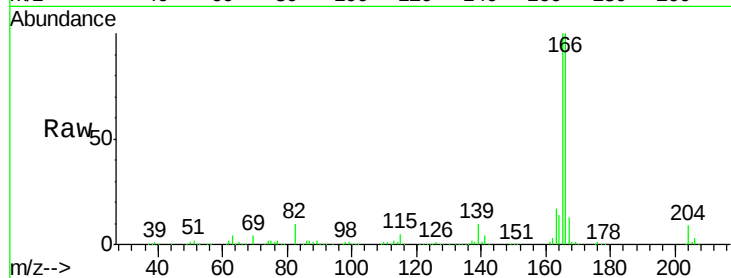
Tot Ion:166 Resp: 551010

Ion Ratio Lower Upper

166 100

165 99.9 79.4 119.0

167 13.2 11.0 16.4

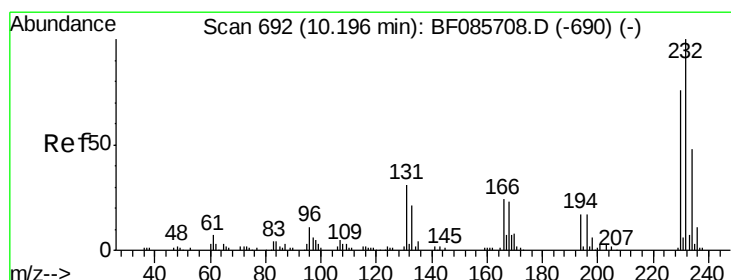
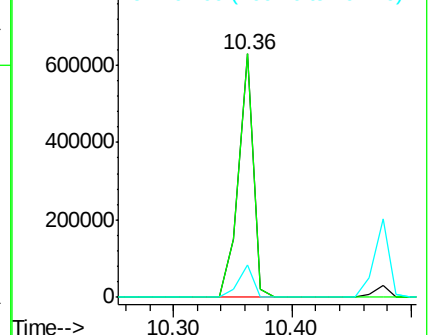
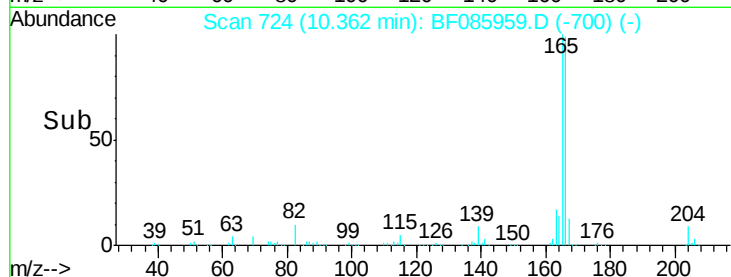


Abundance

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: 42.07 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Tgt Ion:232 Resp: 120340

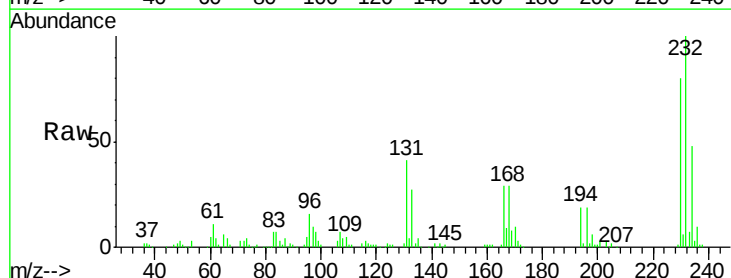
Ion Ratio Lower Upper

232 100

131 51.9 44.9 67.3

130 2.5 2.3 3.5

166 31.0 28.1 42.1



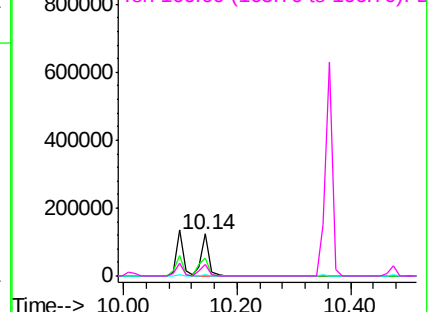
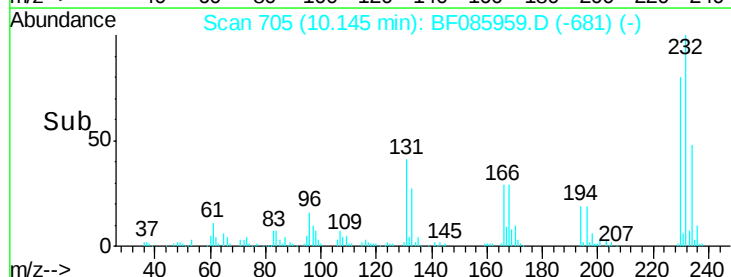
Abundance

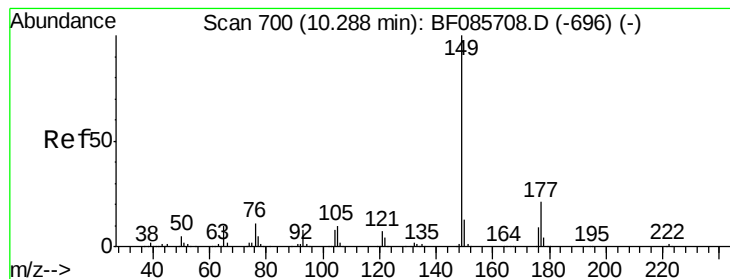
Ion 232.00 (231.70 to 232.70): E

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: 37.55 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

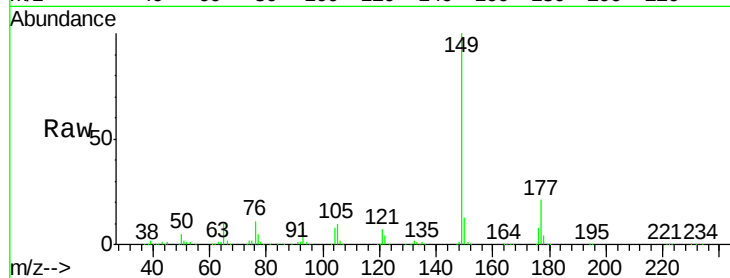
Tot Ion:149 Resp: 551481

Ion Ratio Lower Upper

149 100

177 20.7 17.9 26.9

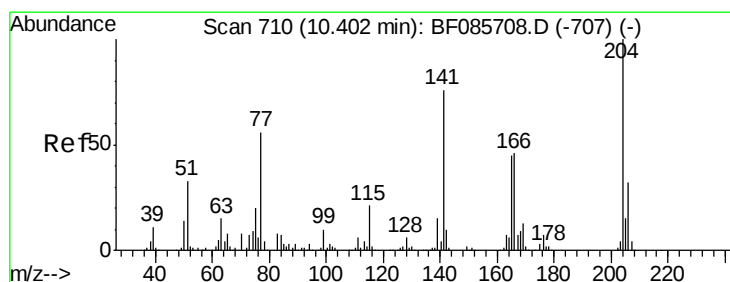
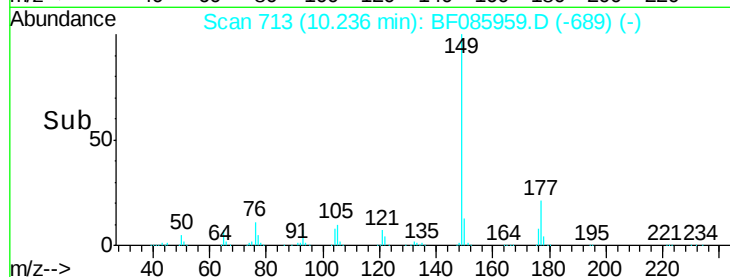
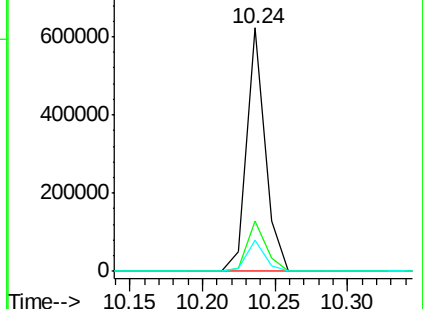
150 12.9 10.2 15.2



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: 37.43 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

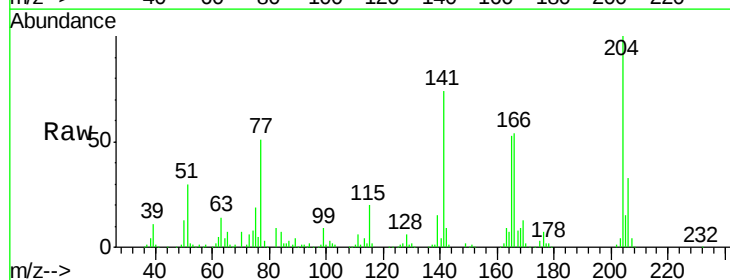
Tgt Ion:204 Resp: 238274

Ion Ratio Lower Upper

204 100

206 33.0 26.6 39.8

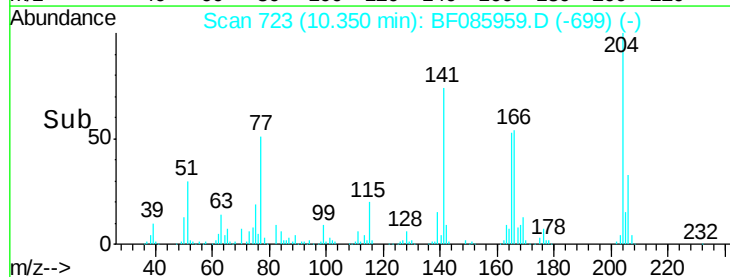
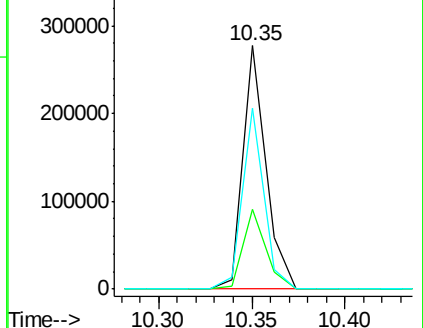
141 74.1 57.4 86.0

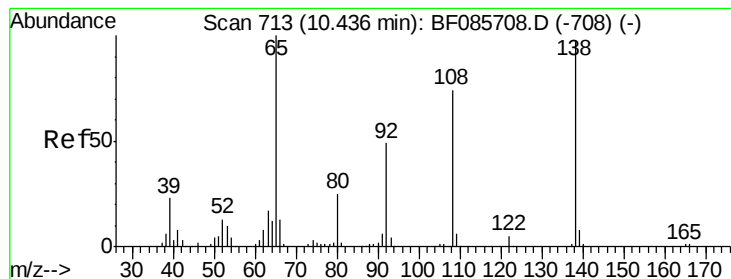


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.41 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

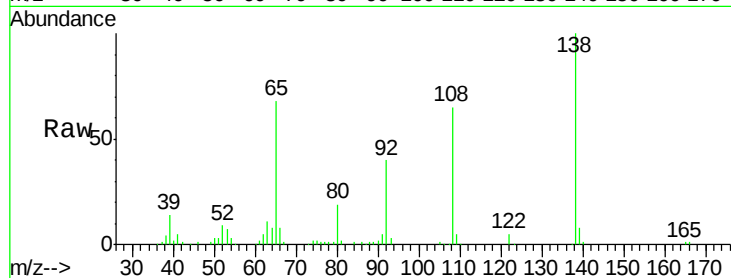
Tot Ion:138 Resp: 155590

Ion Ratio Lower Upper

138 100

92 39.8 26.4 66.4

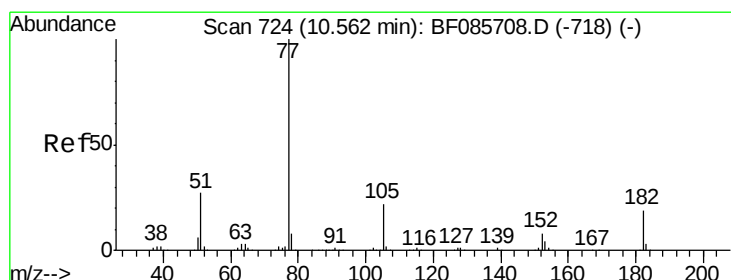
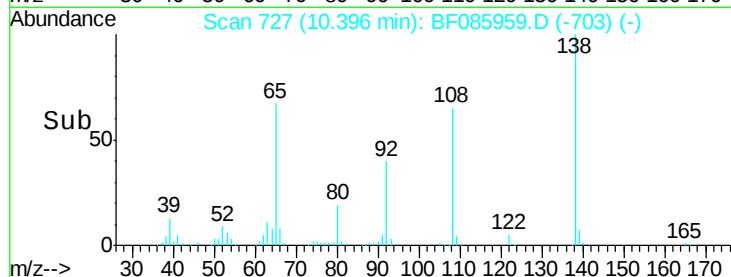
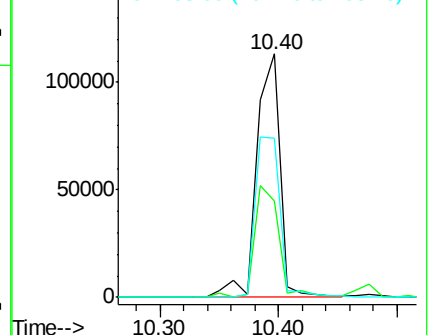
108 65.4 49.0 89.0



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: 40.31 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Tgt Ion: 77 Resp: 568975

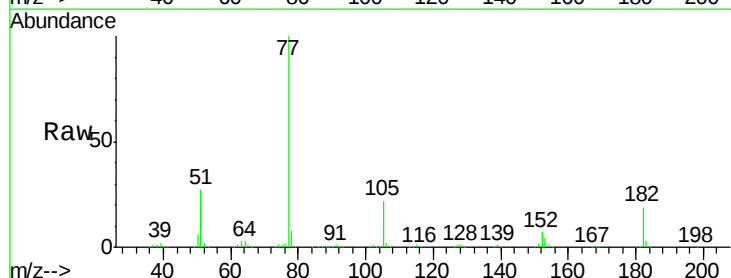
Ion Ratio Lower Upper

77 100

182 19.1 1.9 41.9

105 22.1 3.5 43.5

51 26.7 6.3 46.3

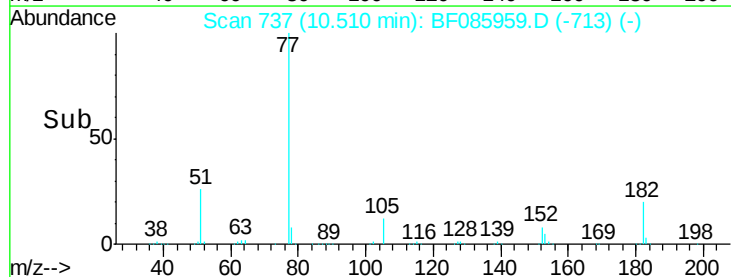
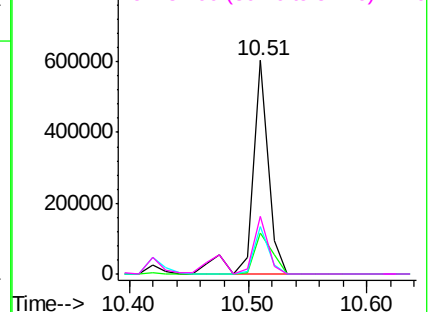


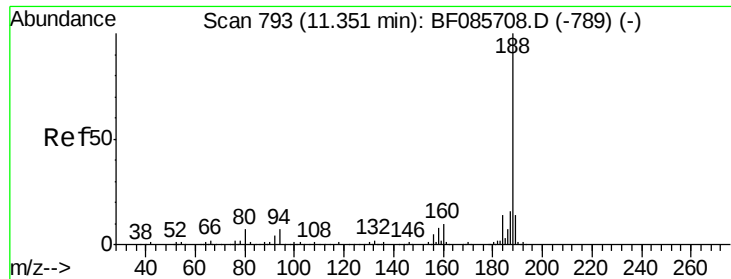
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

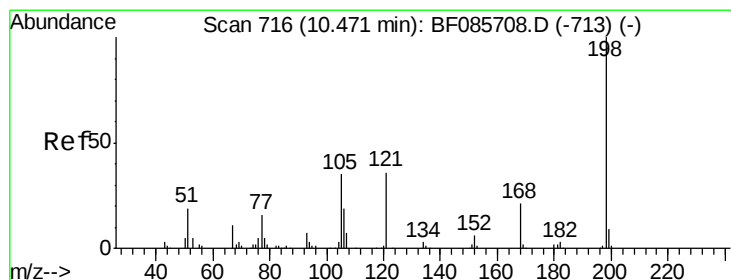
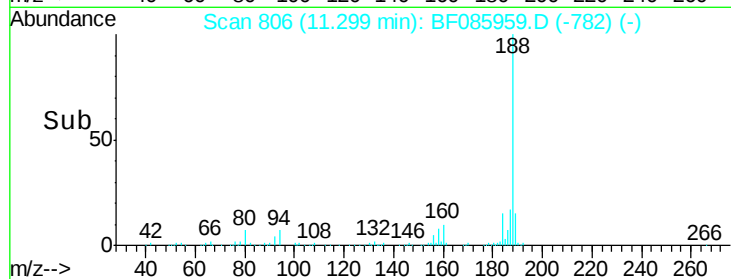
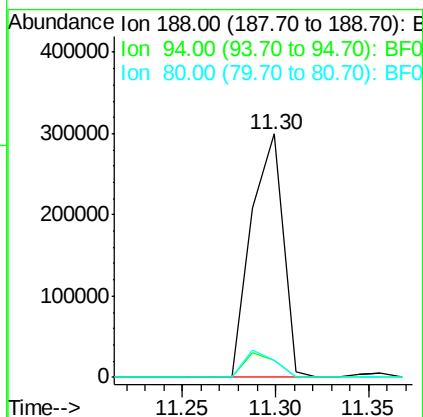
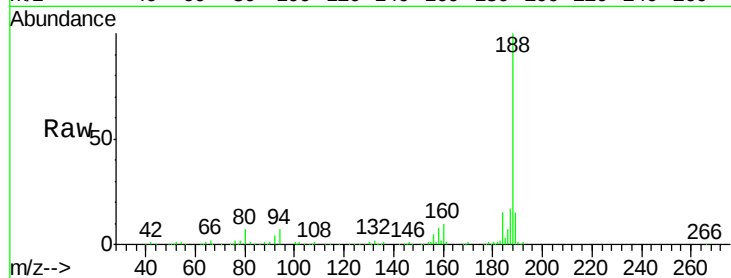




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.03 min
Lab File: BF085959.D
Acq: 1 Apr 2016 13:18

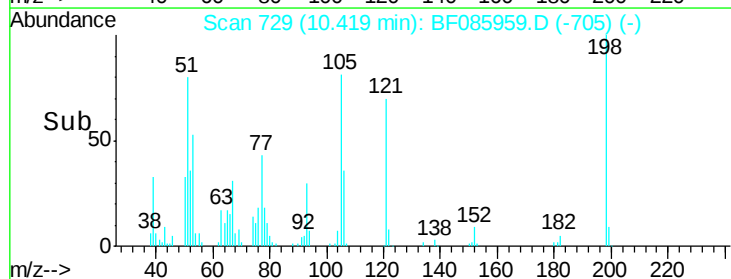
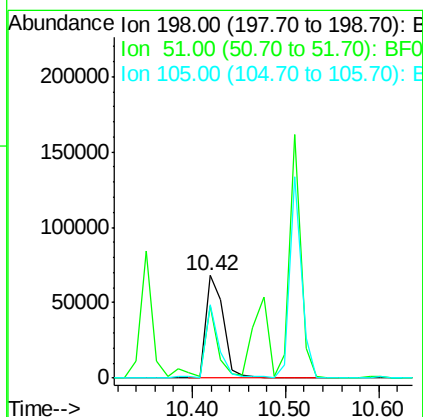
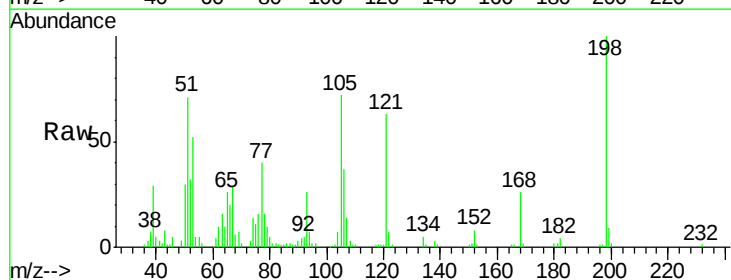
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

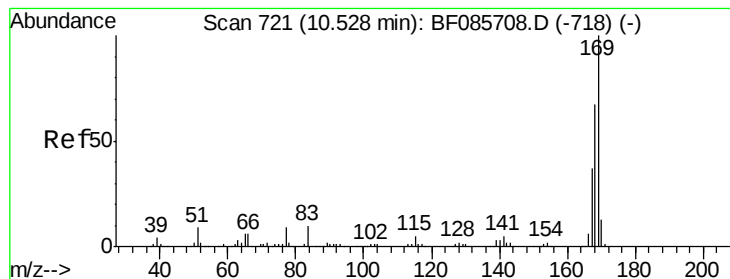
Tot Ion:188 Resp: 355443
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 6.9 5.5 8.3



#64
4,6-Dinitro-2-methylphenol
Concen: 43.30 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.03 min
Lab File: BF085959.D
Acq: 1 Apr 2016 13:18

Tgt Ion:198 Resp: 90137
Ion Ratio Lower Upper
198 100
51 71.1 45.4 85.4
105 71.5 45.9 85.9





#65

n-Nitrosodiphenylamine

Concen: 43.16 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

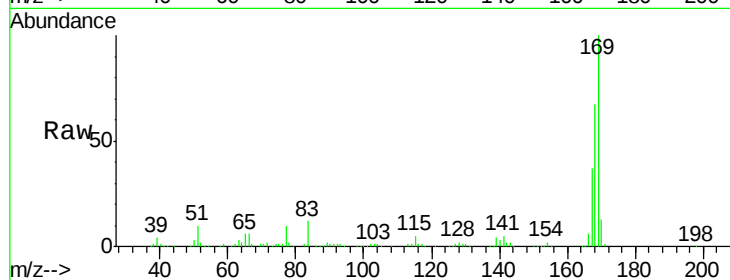
Tot Ion:169 Resp: 485927

Ion Ratio Lower Upper

169 100

168 67.0 54.4 81.6

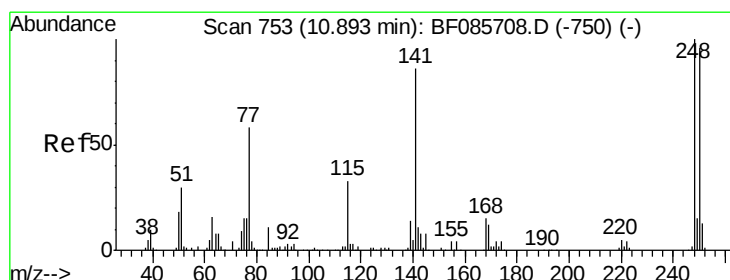
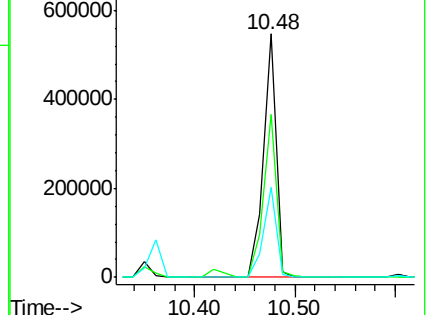
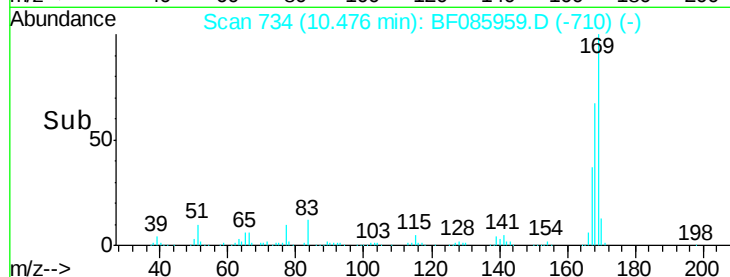
167 36.9 29.4 44.0



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: 42.91 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

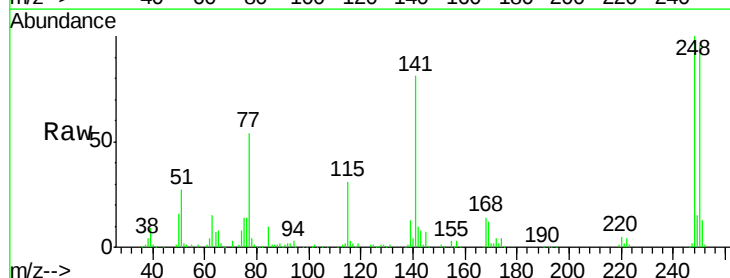
Tgt Ion:248 Resp: 156026

Ion Ratio Lower Upper

248 100

250 96.2 77.4 116.0

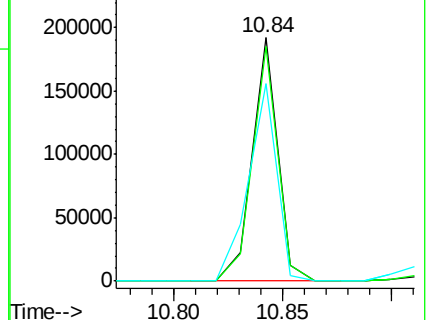
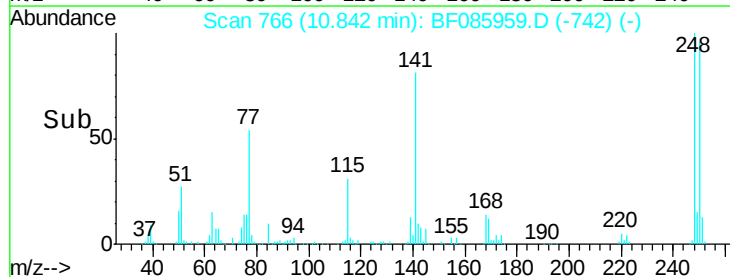
141 81.0 63.6 95.4

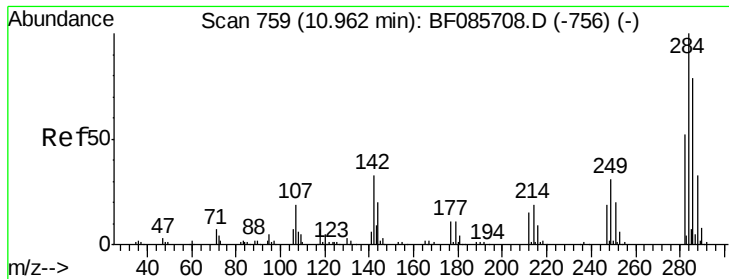


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

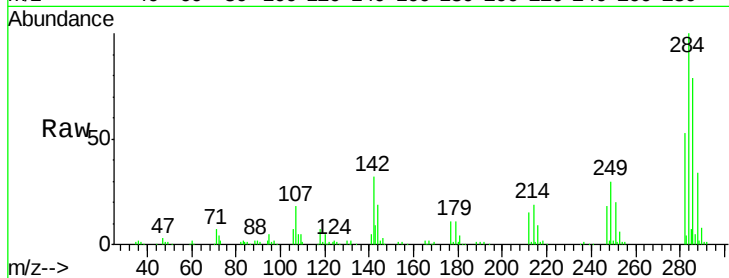




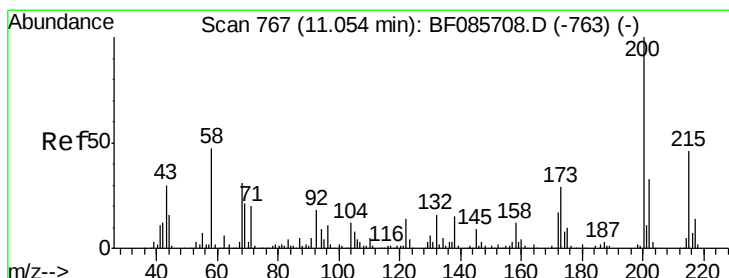
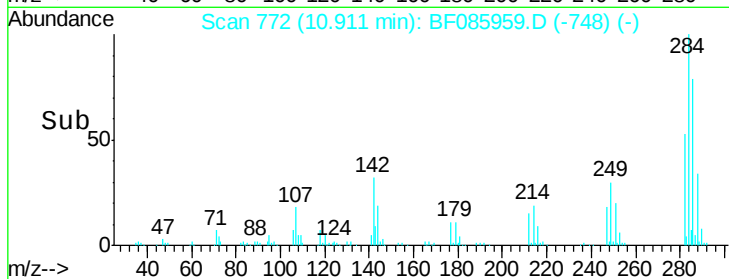
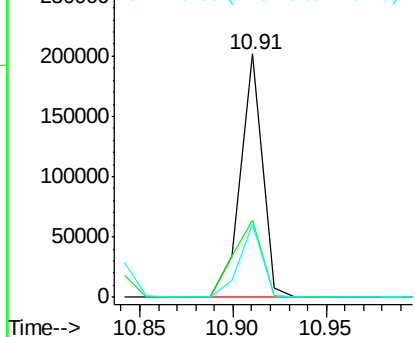
#67
Hexachlorobenzene
Concen: 43.94 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF085959.D
Acq: 1 Apr 2016 13:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 167119
Ion Ratio Lower Upper
284 100
142 31.7 23.1 34.7
249 30.4 24.2 36.2

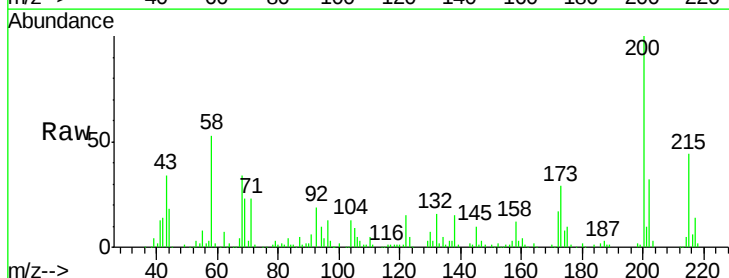


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

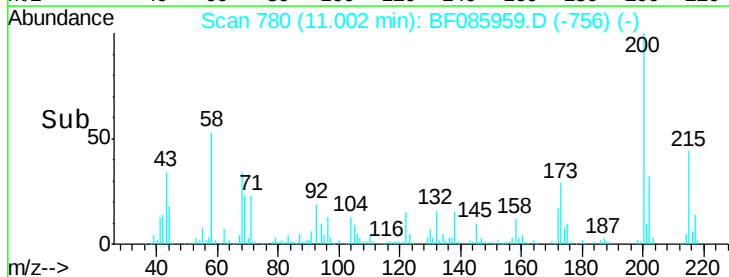
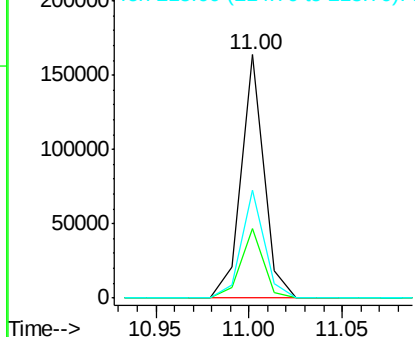


#68
Atrazine
Concen: 36.79 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF085959.D
Acq: 1 Apr 2016 13:18

Tgt Ion:200 Resp: 139823
Ion Ratio Lower Upper
200 100
173 28.8 7.7 47.7
215 44.1 25.4 65.4

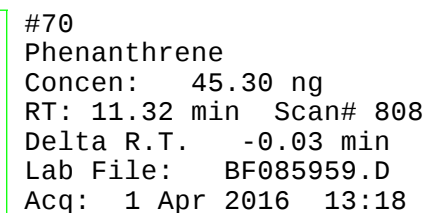
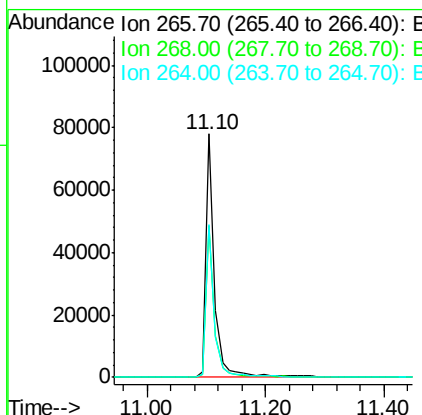


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

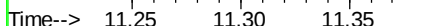
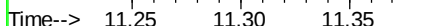
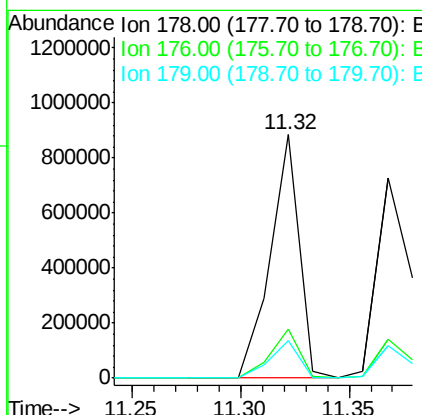


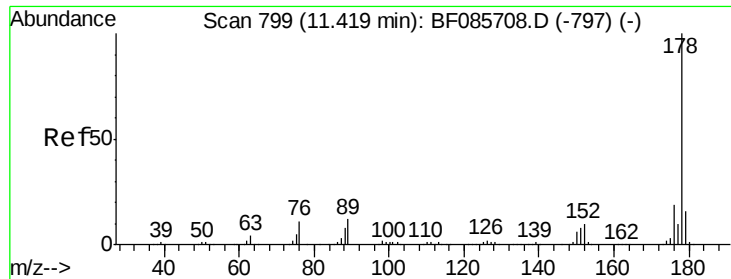


Tot	Ion:266	Resp:	80438
Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.5	77.3
264	62.7	50.6	76.0



Tgt	Ion:178	Resp:	826729
Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.3	24.5
179	15.5	12.6	18.8

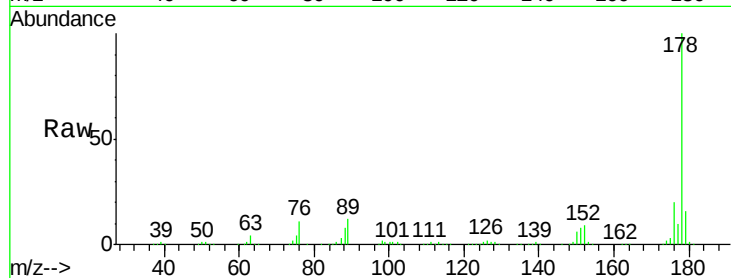




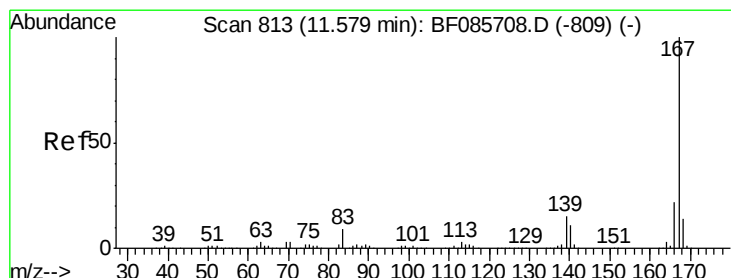
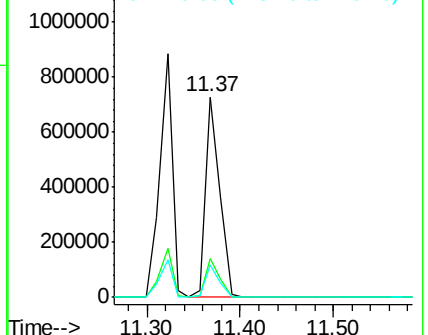
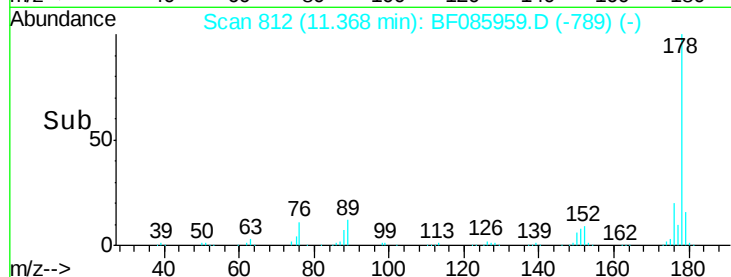
#71
 Anthracene
 Concen: 40.66 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.04 min
 Lab File: BF085959.D
 Acq: 1 Apr 2016 13:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 778952
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 16.2 13.0 19.4

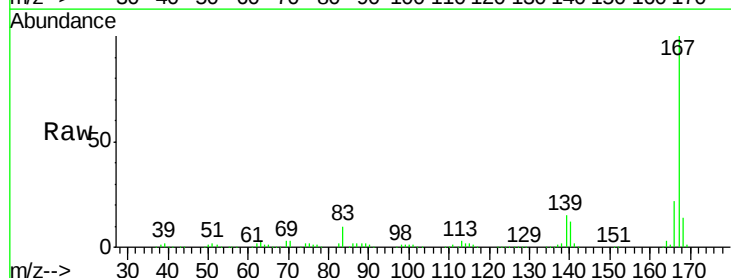


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

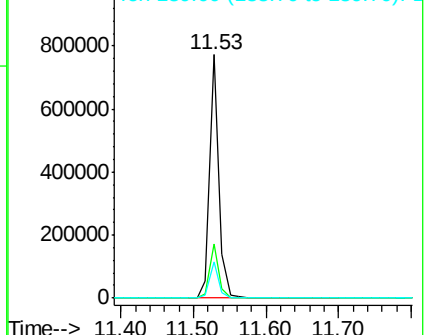
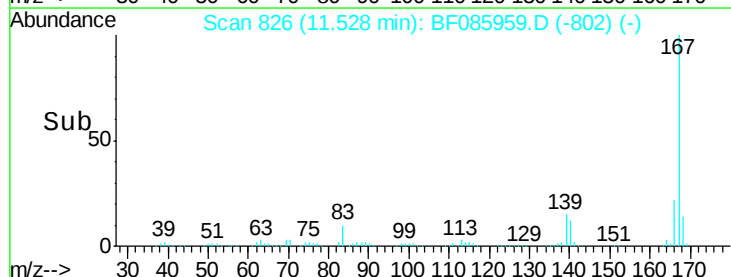


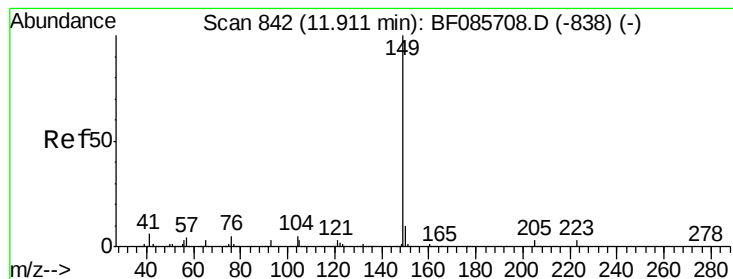
#72
 Carbazole
 Concen: 42.23 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.03 min
 Lab File: BF085959.D
 Acq: 1 Apr 2016 13:18

Tgt Ion:167 Resp: 679235
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 15.2 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: 41.74 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

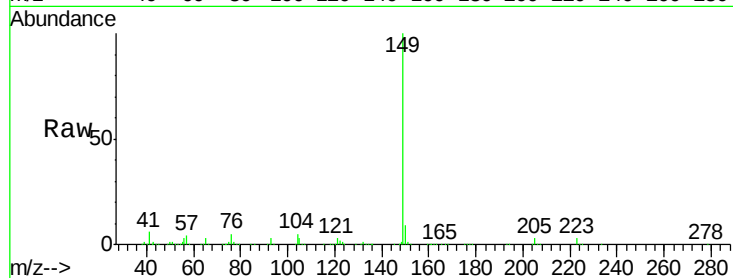
Tot Ion:149 Resp: 921384

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

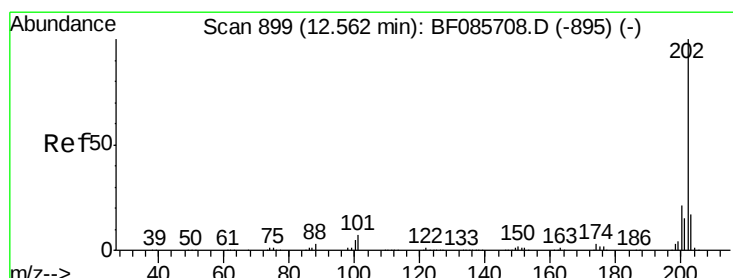
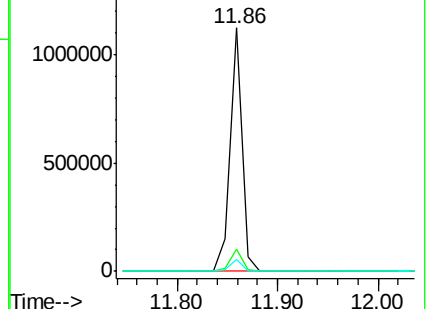
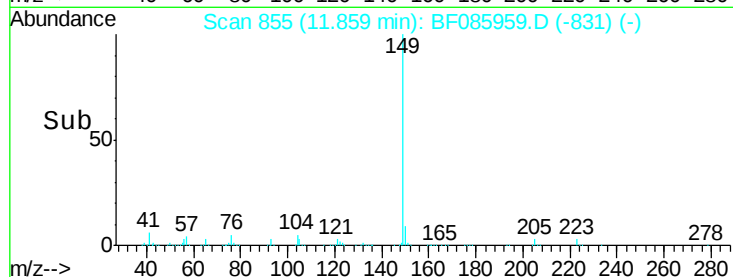
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.95 ng

RT: 12.50 min Scan# 911

Delta R.T. -0.04 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

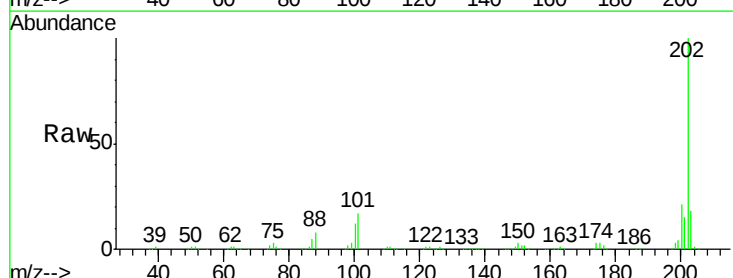
Tgt Ion:202 Resp: 794406

Ion Ratio Lower Upper

202 100

101 16.6 0.0 36.6

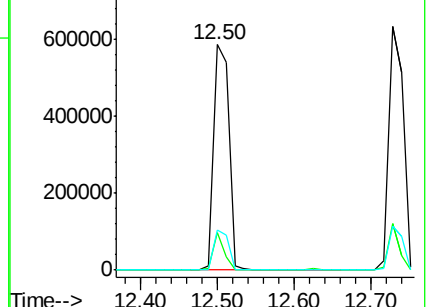
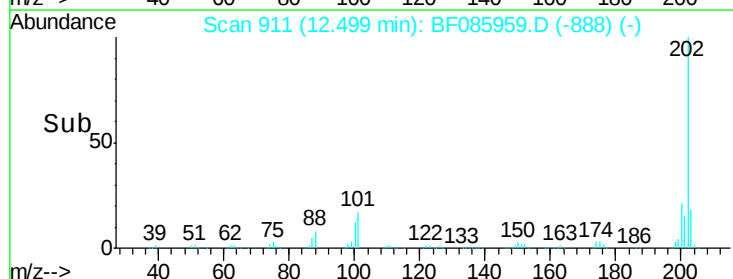
203 17.8 0.0 38.1



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: 13.93 min Scan# 1036

Delta R.T. -0.04 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

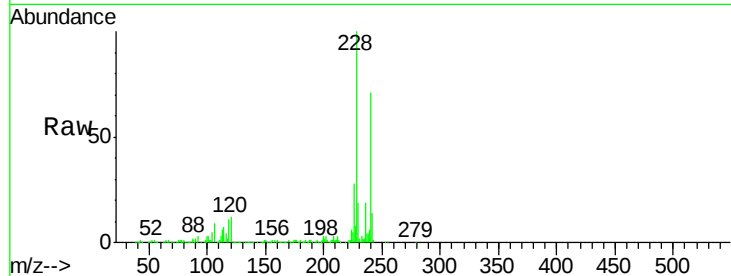
Tot Ion:240 Resp: 288945

Ion Ratio Lower Upper

240 100

120 17.4 13.8 20.8

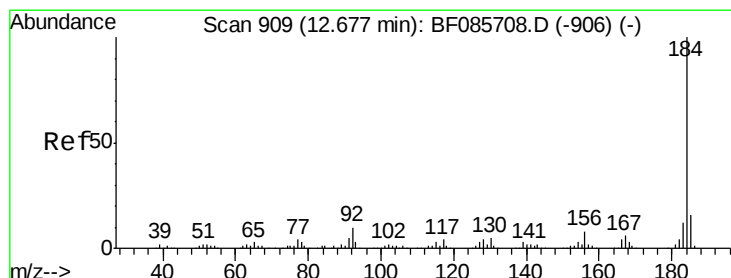
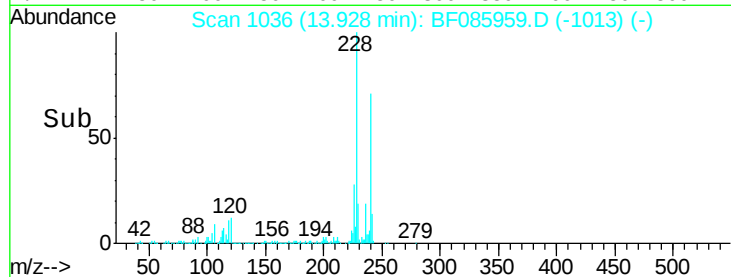
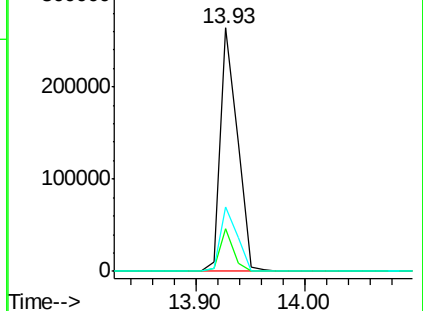
236 26.3 20.6 30.8



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: 44.41 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.04 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

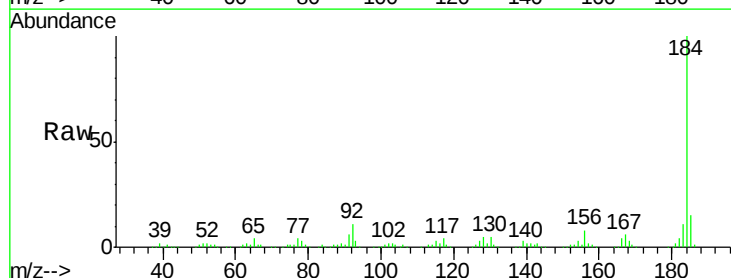
Tgt Ion:184 Resp: 451913

Ion Ratio Lower Upper

184 100

185 14.9 12.4 18.6

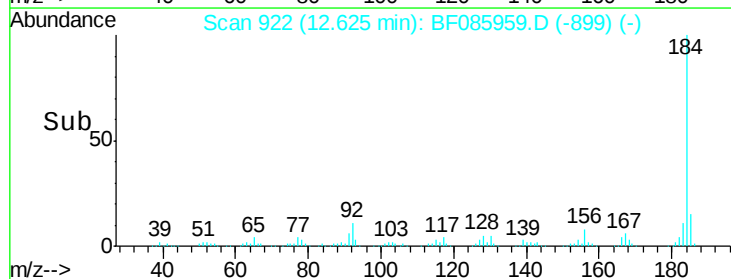
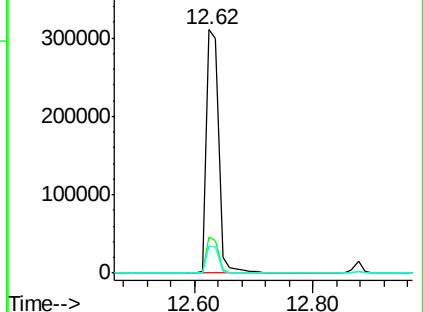
183 11.4 9.4 14.2

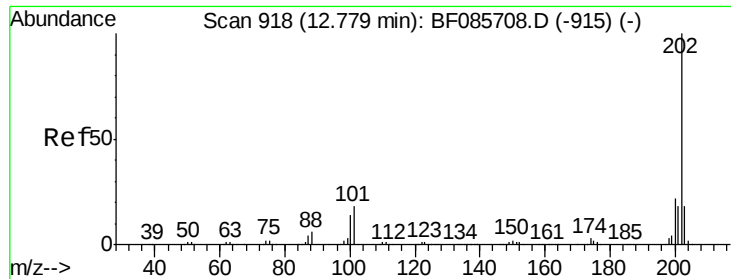


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

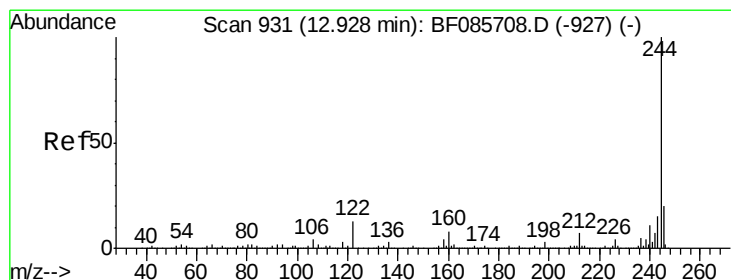
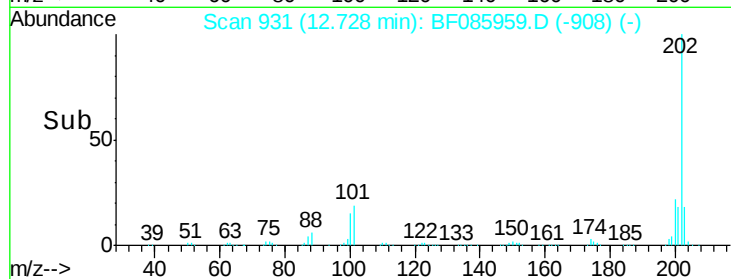
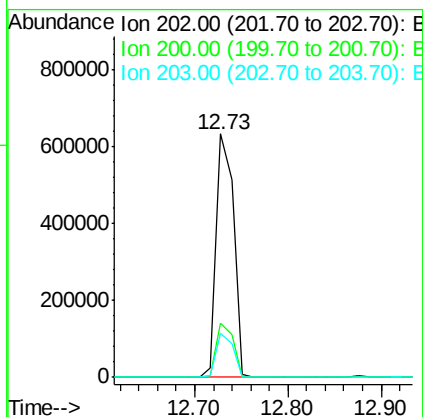
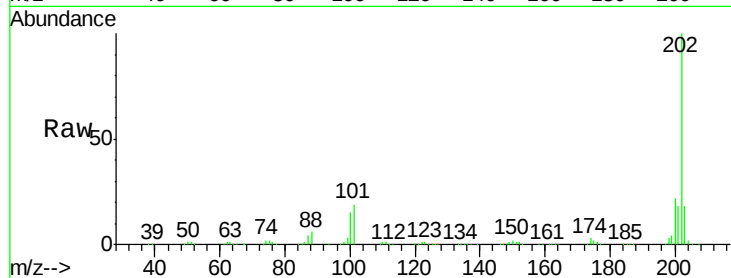




#77
Pvrene
Concen: 34.18 ng
RT: 12.73 min Scan# 931
Delta R.T. -0.04 min
Lab File: BF085959.D
Acq: 1 Apr 2016 13:18

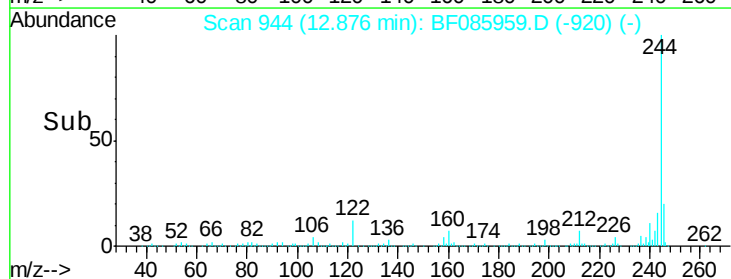
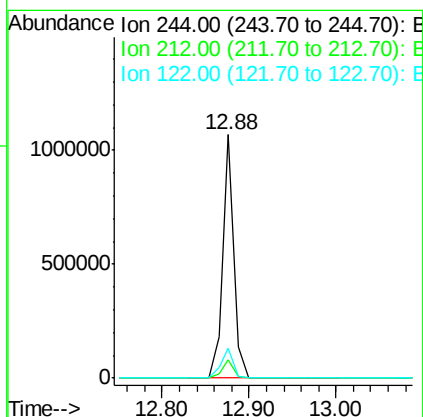
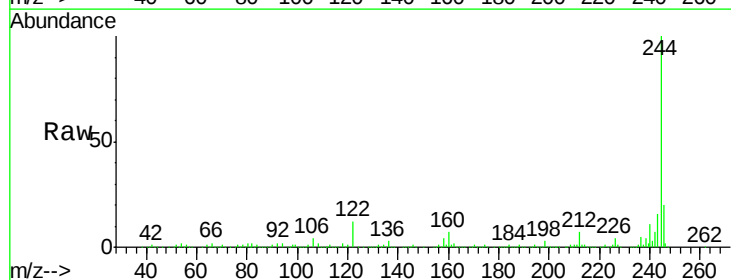
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

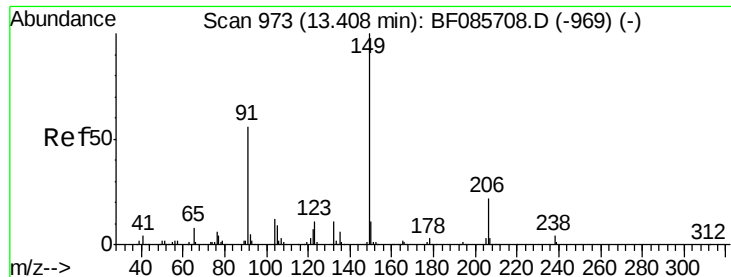
Tot Ion:202 Resp: 811889
Ion Ratio Lower Upper
202 100
200 22.3 17.6 26.4
203 18.2 14.0 21.0



#78
Terphenyl-d14
Concen: 68.23 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.03 min
Lab File: BF085959.D
Acq: 1 Apr 2016 13:18

Tgt Ion:244 Resp: 958586
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 12.2 10.2 15.4





#79

Butylbenzylphthalate

Concen: 39.23 ng

RT: 13.36 min Scan# 986

Delta R.T. -0.03 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

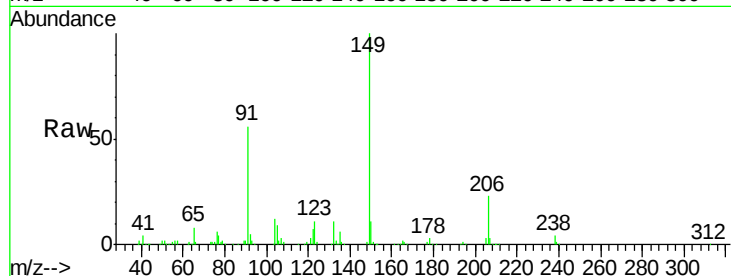
Tot Ion:149 Resp: 390208

Ion Ratio Lower Upper

149 100

91 56.2 45.8 68.8

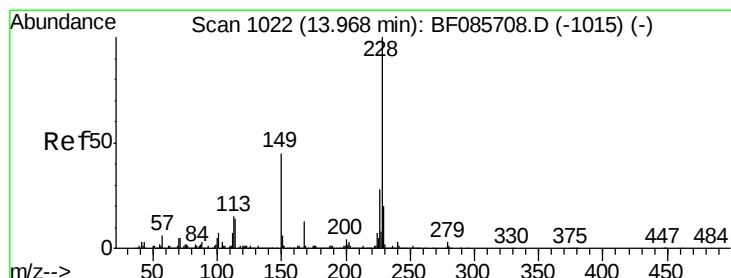
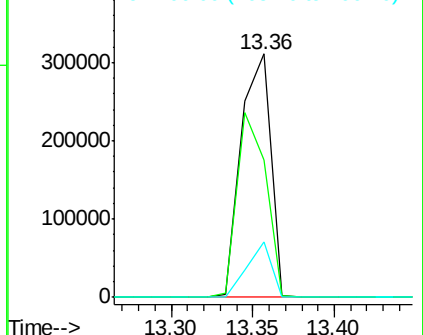
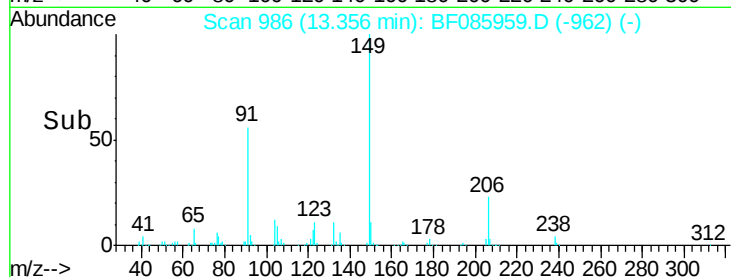
206 22.7 17.8 26.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.92 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.04 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

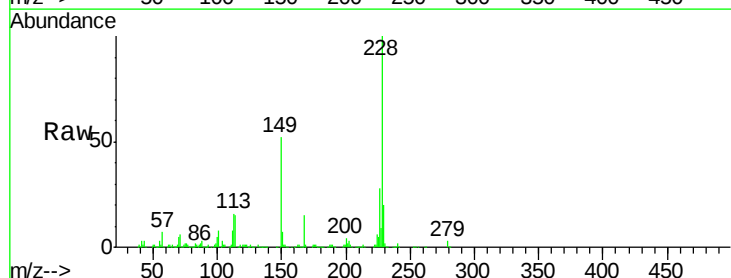
Tgt Ion:228 Resp: 674146

Ion Ratio Lower Upper

228 100

226 28.4 22.1 33.1

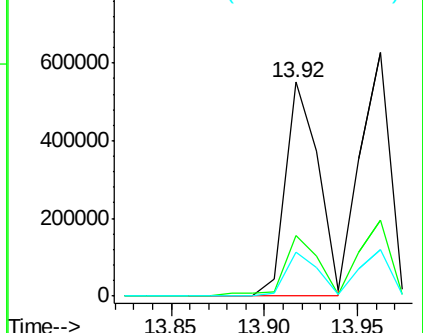
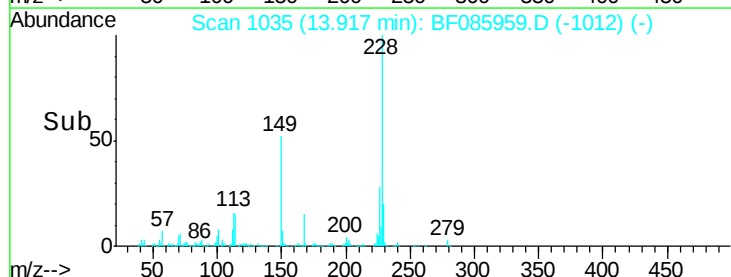
229 20.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

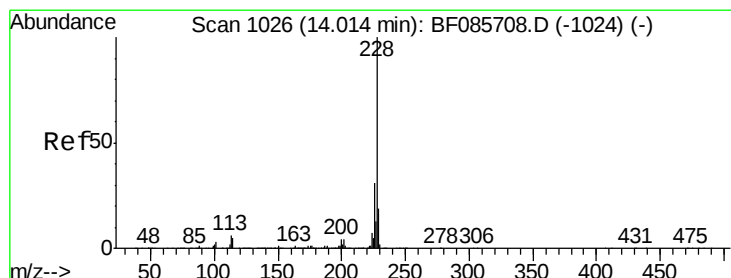
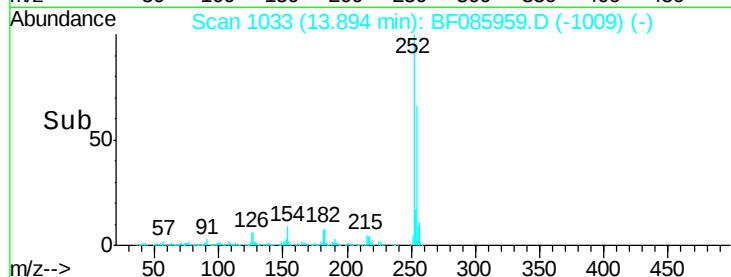
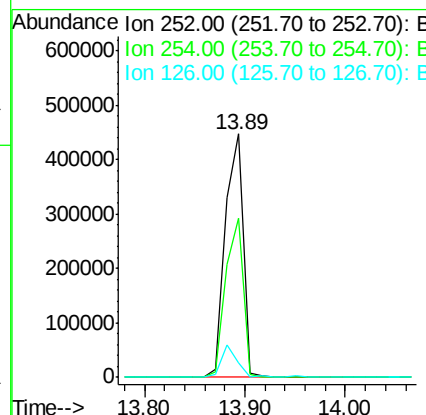
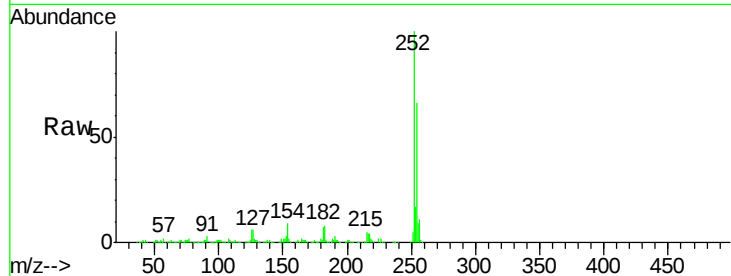




#81
 3,3'-Dichlorobenzidine
 Concen: 48.34 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.03 min
 Lab File: BF085959.D
 Acq: 1 Apr 2016 13:18

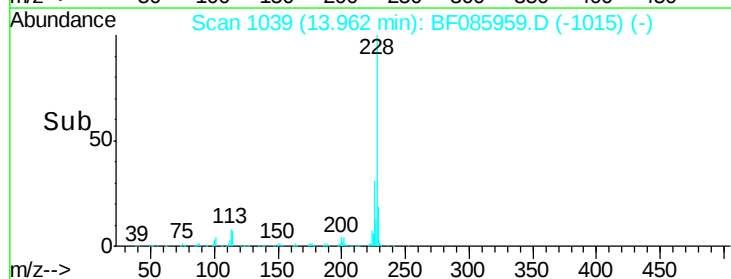
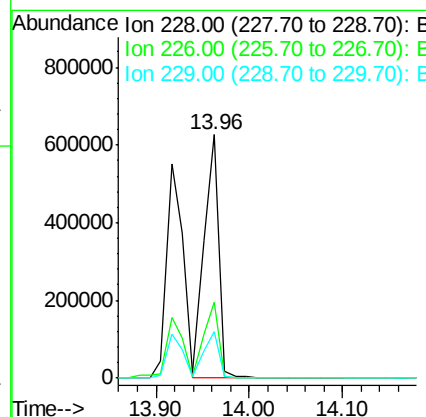
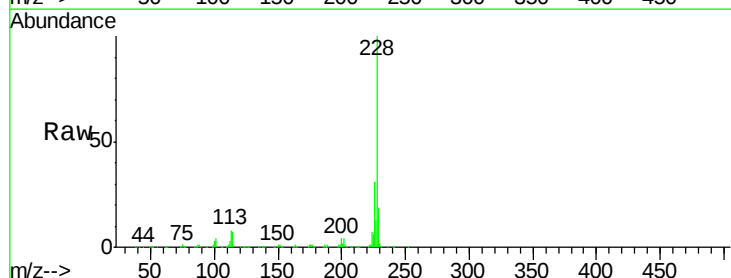
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 552767
 Ion Ratio Lower Upper
 252 100
 254 65.6 50.7 76.1
 126 6.0 11.8 17.6#



#82
 Chrysene
 Concen: 41.74 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.03 min
 Lab File: BF085959.D
 Acq: 1 Apr 2016 13:18

Tgt Ion:228 Resp: 692679
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.6
 229 19.3 15.7 23.5

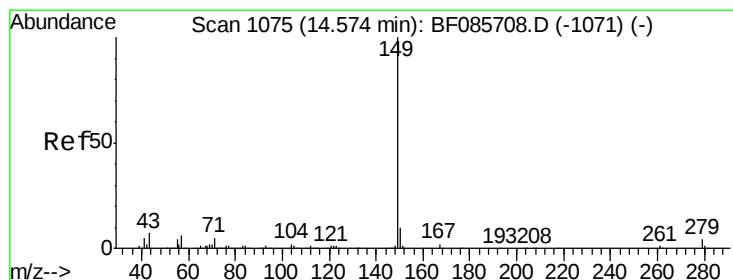
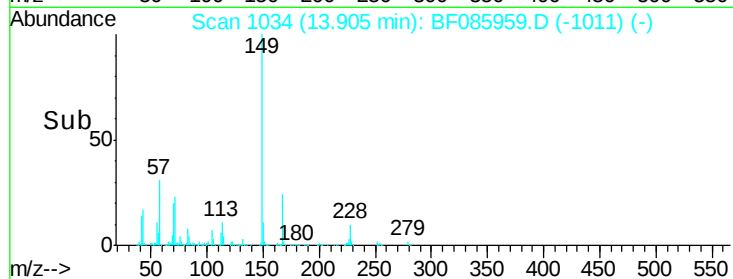
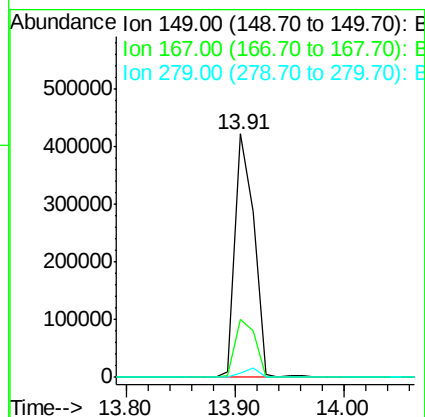
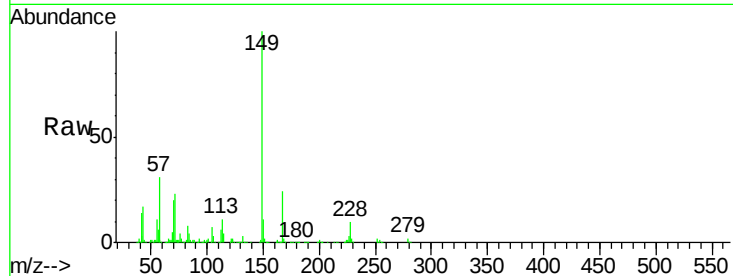




#83
Bis(2-ethylhexyl)phthalate
Concen: 42.06 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.04 min
Lab File: BF085959.D
Acq: 1 Apr 2016 13:18

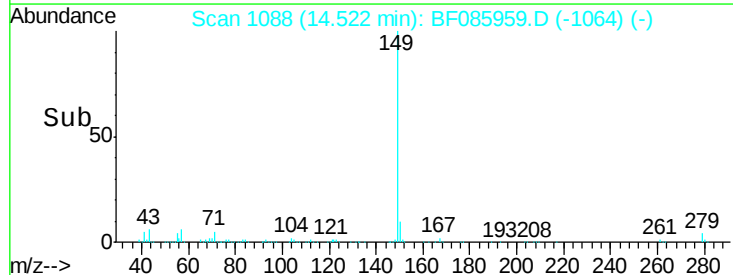
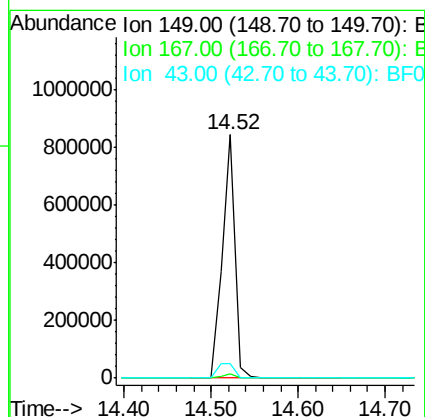
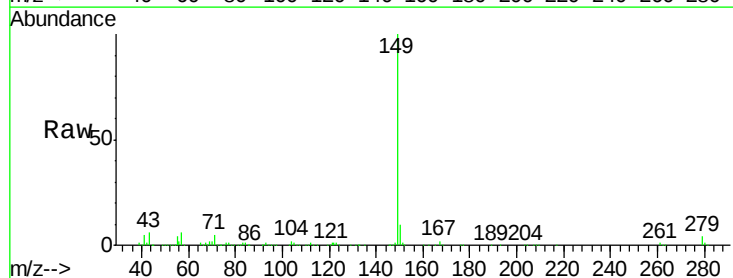
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

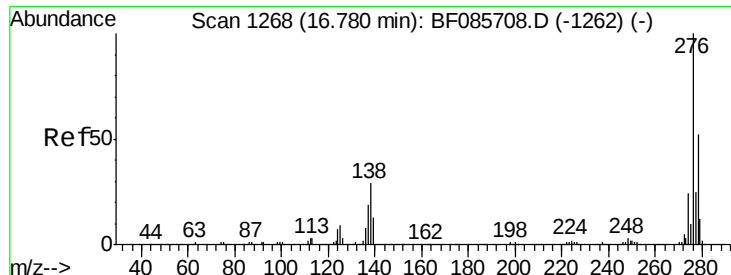
Tot Ion:149 Resp: 500971
Ion Ratio Lower Upper
149 100
167 23.8 19.4 29.2
279 1.9 1.5 2.3



#84
Di-n-octyl phthalate
Concen: 48.84 ng
RT: 14.52 min Scan# 1088
Delta R.T. -0.03 min
Lab File: BF085959.D
Acq: 1 Apr 2016 13:18

Tgt Ion:149 Resp: 864956
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.5 7.1 10.7

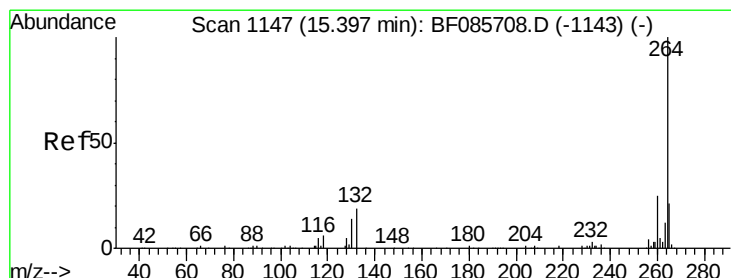
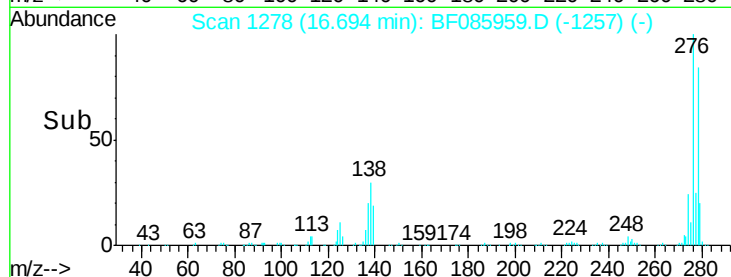
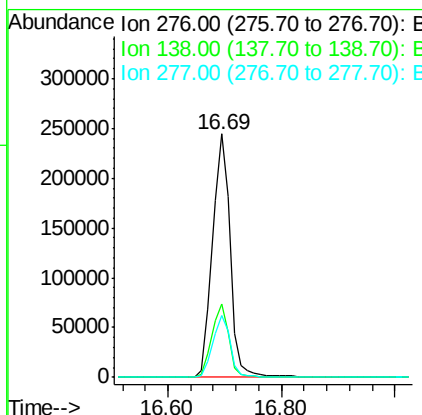
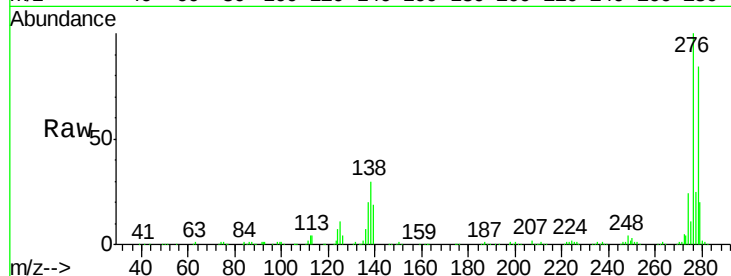




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.96 ng
 RT: 16.69 min Scan# 1278
 Delta R.T. -0.06 min
 Lab File: BF085959.D
 Acq: 1 Apr 2016 13:18

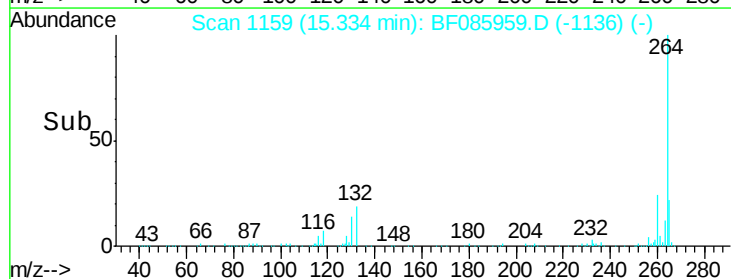
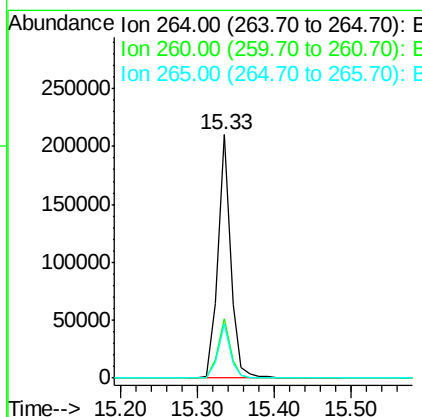
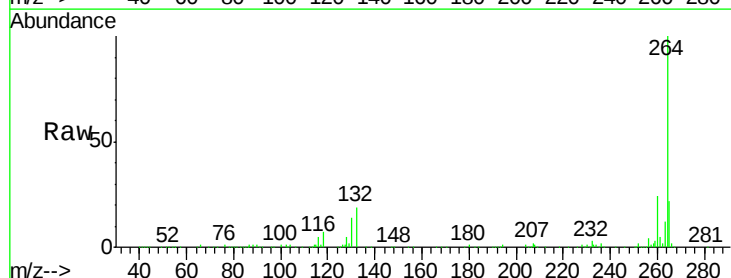
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

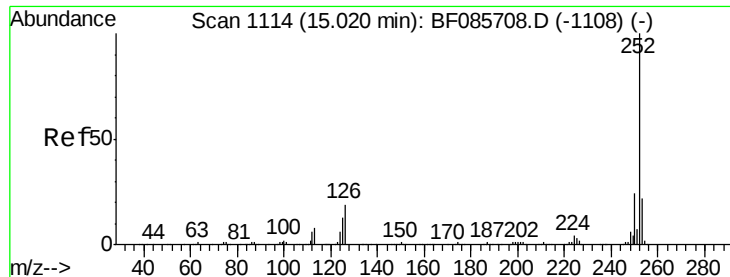
Tot Ion:276 Resp: 524941
 Ion Ratio Lower Upper
 276 100
 138 29.2 24.2 36.4
 277 25.1 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. -0.04 min
 Lab File: BF085959.D
 Acq: 1 Apr 2016 13:18

Tgt Ion:264 Resp: 243957
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 22.0 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 46.67 ng m

RT: 14.93 min Scan# 1124

Delta R.T. -0.04 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

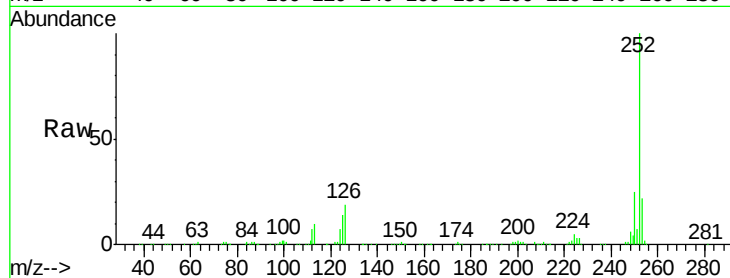
Tot Ion:252 Resp: 717316

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

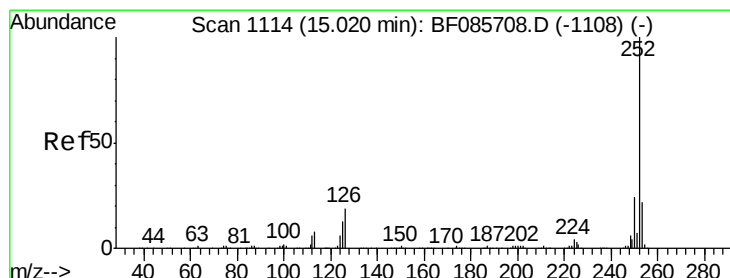
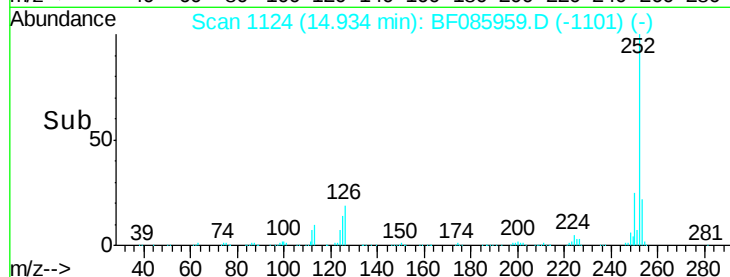
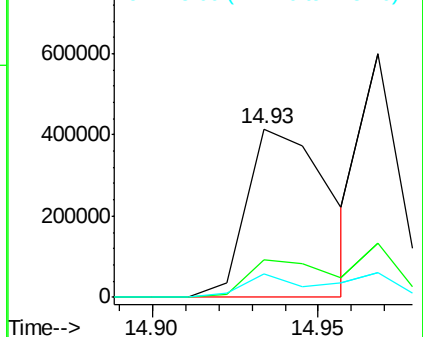
125 13.8 10.3 15.5



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



#88

Benzo(k)fluoranthene

Concen: 34.56 ng m

RT: 14.97 min Scan# 1127

Delta R.T. -0.04 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

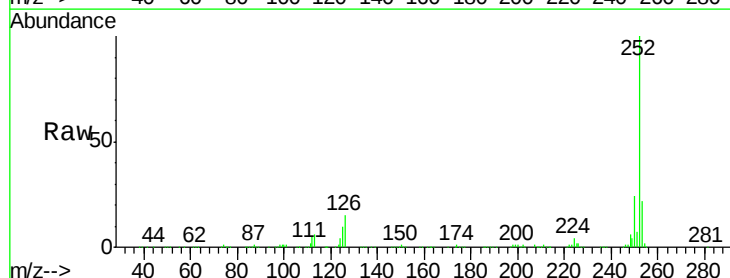
Tgt Ion:252 Resp: 478759

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

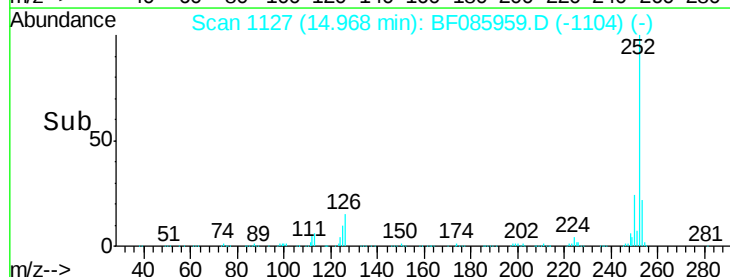
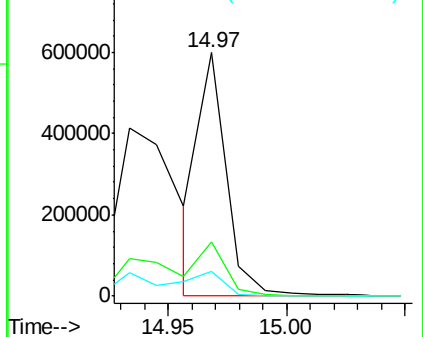
125 9.9 7.7 11.5

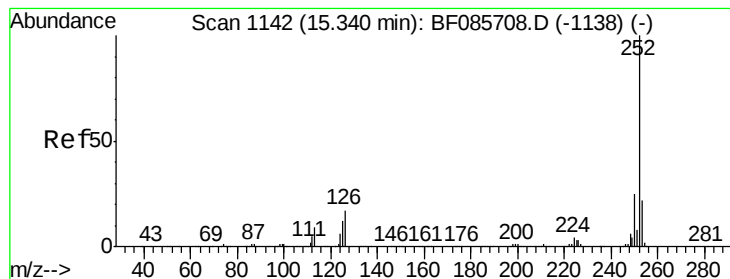


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.87 ng

RT: 15.28 min Scan# 1154

Delta R.T. -0.04 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

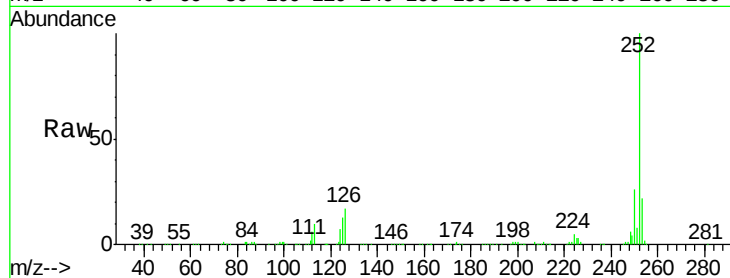
Tot Ion:252 Resp: 544044

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

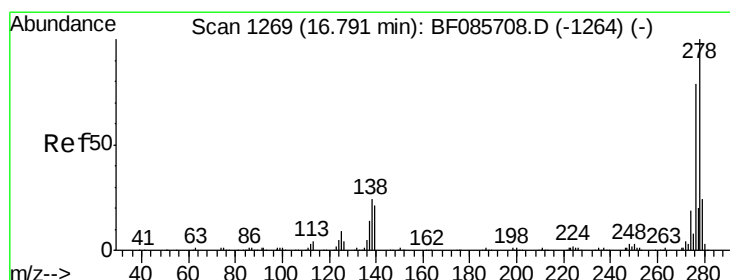
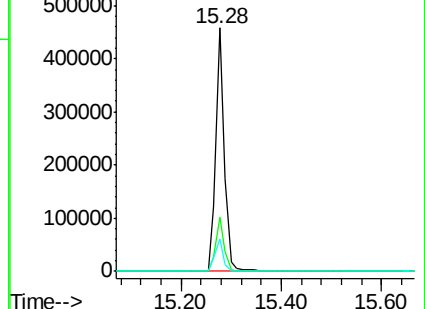
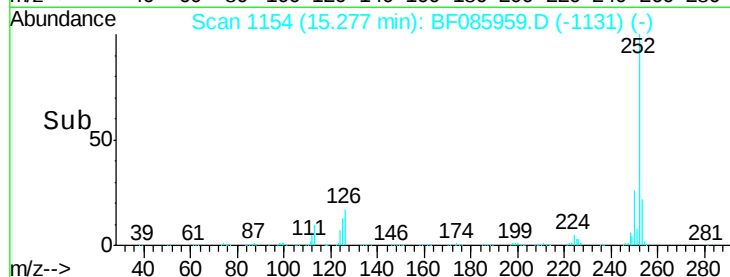
125 13.1 10.3 15.5



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: 34.52 ng

RT: 16.71 min Scan# 1279

Delta R.T. -0.06 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

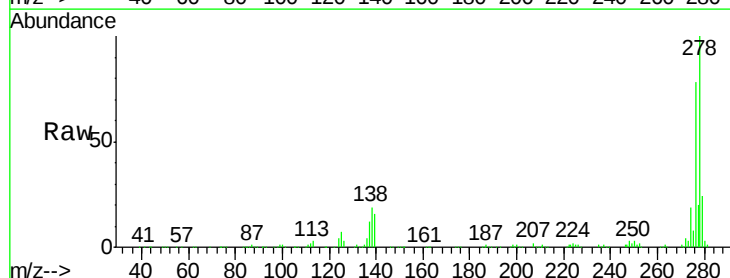
Tgt Ion:278 Resp: 437658

Ion Ratio Lower Upper

278 100

139 15.7 14.4 21.6

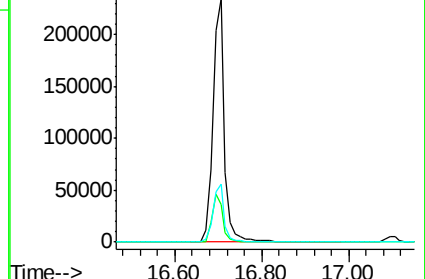
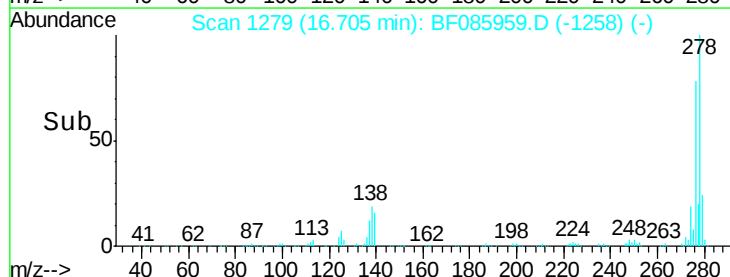
279 23.8 19.1 28.7

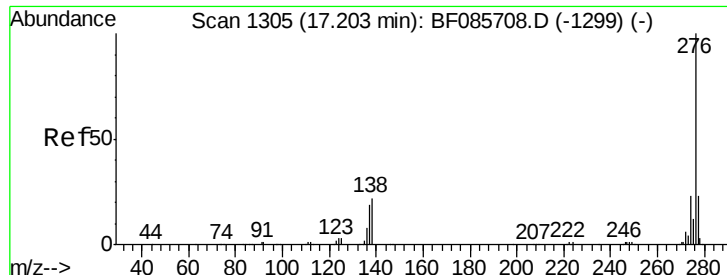


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 33.06 ng

RT: 17.09 min Scan# 1313

Delta R.T. -0.07 min

Lab File: BF085959.D

Acq: 1 Apr 2016 13:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

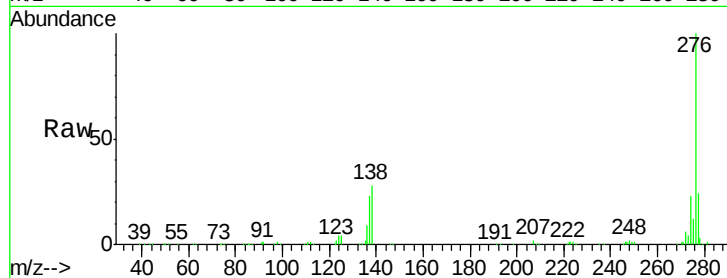
Tot Ion:276 Resp: 424397

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 27.8 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

