

Data Path : Z:\HPCHEM1\BNA F\Data\BF120115\
 Data File : BF083402.D
 Acq On : 2 Dec 2015 6:08
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 02 06:33:44 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	179955	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	696813	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	354852	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	682547	20.00	ng	0.00
75) Chrysene-d12	14.76	240	522568	20.00	ng	0.00
86) Perylene-d12	16.82	264	433835	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	921755	76.86	ng	0.00
7) Phenol-d6	6.22	99	1248210	76.04	ng	0.00
23) Nitrobenzene-d5	7.13	82	1177066	74.26	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	258678	72.62	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1811969	72.77	ng	0.00
78) Terphenyl-d14	13.22	244	1876215	85.62	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.94	88	233548	35.96	ng	99
3) Pyridine	2.56	79	648447	39.92	ng	99
4) n-Nitrosodimethylamine	2.52	42	311584	38.97	ng	95
6) Aniline	6.21	93	834417	37.16	ng	98
8) 2-Chlorophenol	6.34	128	508218	38.42	ng	99
9) Benzaldehyde	6.09	77	310032	39.04	ng	99
10) Phenol	6.24	94	749319	37.94	ng	99
11) bis(2-Chloroethyl)ether	6.29	93	533116	37.11	ng	98
12) 1,3-Dichlorobenzene	6.49	146	569312	38.72	ng	99
13) 1,4-Dichlorobenzene	6.57	146	579605	38.14	ng	98
14) 1,2-Dichlorobenzene	6.73	146	487664	34.97	ng	100
15) Benzyl Alcohol	6.72	79	503703	39.70	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.85	45	948912	37.64	ng	92
17) 2-Methylphenol	6.84	107	424924	38.54	ng	98
18) Hexachloroethane	7.06	117	200121	37.91	ng	99
19) n-Nitroso-di-n-propylamine	6.99	70	485315	41.36	ng	98
20) 3+4-Methylphenols	7.00	107	574266	38.45	ng	98
22) Acetophenone	6.98	105	794650	38.12	ng	100
24) Nitrobenzene	7.15	77	627568	37.07	ng	99
25) Isophorone	7.39	82	1160885	37.81	ng	99
26) 2-Nitrophenol	7.46	139	252753	36.58	ng	99
27) 2,4-Dimethylphenol	7.53	122	460023	39.71	ng	99
28) bis(2-Chloroethoxy)methane	7.61	93	652757	37.33	ng	99
29) 2,4-Dichlorophenol	7.71	162	418633	37.58	ng	97
30) 1,2,4-Trichlorobenzene	7.79	180	454263	37.46	ng	99
31) Naphthalene	7.86	128	1380809	36.52	ng	99
32) Benzoic acid	7.66	122	250153	31.31	ng	96
33) 4-Chloroaniline	7.93	127	640326	39.29	ng	98
34) Hexachlorobutadiene	7.98	225	256266	37.22	ng	98
35) Caprolactam	8.32	113	145190	41.25	ng	# 69
36) 4-Chloro-3-methylphenol	8.43	107	468796	37.52	ng	99
37) 2-Methylnaphthalene	8.56	142	930621	36.83	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	414695	36.87	ng	99
40) Hexachlorocyclopentadiene	8.70	237	157931	29.56	ng	96

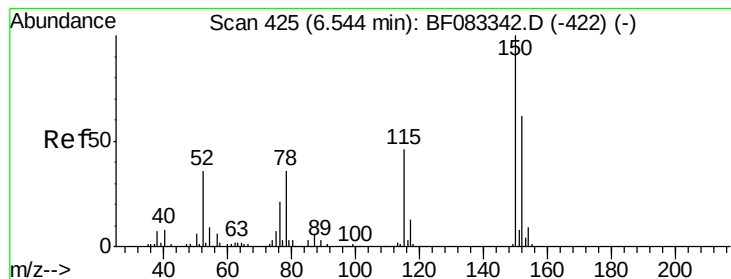
Data Path : Z:\HPCHEM1\BNA F\Data\BF120115\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	313479	39.73	nq	97
43) 2,4,5-Trichlorophenol	8.89	196	306290	37.47	nq	92
45) 1,1'-Biphenyl	9.02	154	1159483	37.26	nq	100
46) 2-Chloronaphthalene	9.04	162	867929	36.60	nq	99
47) 2-Nitroaniline	9.15	65	380665	40.53	nq	95
48) Acenaphthylene	9.45	152	1381356	36.52	nq	100
49) Dimethylphthalate	9.33	163	1037996	35.99	nq	100
50) 2,6-Dinitrotoluene	9.39	165	226961	36.85	nq	90
51) Acenaphthene	9.62	154	800058	35.96	nq	99
52) 3-Nitroaniline	9.56	138	265896	36.84	nq	96
53) 2,4-Dinitrophenol	9.66	184	69579	22.71	nq	# 79
54) Dibenzofuran	9.79	168	1154994	35.43	nq	99
55) 4-Nitrophenol	9.79	139	575016	127.36	nq	# 1
56) 2,4-Dinitrotoluene	9.79	165	283159	36.24	nq	92
57) Fluorene	10.13	166	942475	36.61	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.93	232	242946	36.83	nq	100
59) Diethylphthalate	10.03	149	1056715	38.44	nq	100
60) 4-Chlorophenyl-phenylether	10.13	204	450492	38.08	nq	96
61) 4-Nitroaniline	10.18	138	290189	40.18	nq	97
62) Azobenzene	10.29	77	1329762	40.05	nq	98
64) 4,6-Dinitro-2-methylphenol	10.20	198	134472	29.34	nq	91
65) n-Nitrosodiphenylamine	10.26	169	950375	39.62	nq	99
66) 4-Bromophenyl-phenylether	10.64	248	294478	39.44	nq	97
67) Hexachlorobenzene	10.70	284	323760	39.22	nq	99
68) Atrazine	10.82	200	252826	38.11	nq	98
69) Pentachlorophenol	10.92	266	133830	30.95	nq	99
70) Phenanthrene	11.16	178	1545438	38.26	nq	99
71) Anthracene	11.22	178	1583668	38.95	nq	99
72) Carbazole	11.41	167	1358962	37.20	nq	99
73) Di-n-butylphthalate	11.86	149	1753071	40.49	nq	100
74) Fluoranthene	12.66	202	1534896	36.66	nq	100
76) Benzidine	12.87	184	592743	38.08	nq	100
77) Pyrene	12.98	202	1576849	43.21	nq	100
79) Butylbenzylphthalate	13.96	149	703723	45.46	nq	97
80) Benzo(a)anthracene	14.74	228	1261454	39.40	nq	100
81) 3,3'-Dichlorobenzidine	14.73	252	382332	38.23	nq	99
82) Chrysene	14.80	228	1149009	37.15	nq	98
83) Bis(2-ethylhexyl)phthalate	14.88	149	1003689	48.33	nq	100
84) Di-n-octyl phthalate	15.85	149	1558755	50.40	nq	100
85) Indeno(1,2,3-cd)pyrene	18.20	276	1047608	46.50	nq	100
87) Benzo(b)fluoranthene	16.31	252	1049544	37.70	nq	99
88) Benzo(k)fluoranthene	16.35	252	941063	35.80	nq	98
89) Benzo(a)pyrene	16.75	252	923086	38.61	nq	100
90) Dibenzo(a,h)anthracene	18.23	278	878712	42.18	nq	99
91) Benzo(g,h,i)perylene	18.58	276	822027	40.20	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

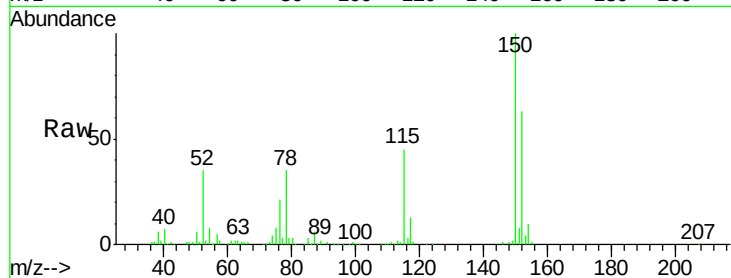
Tot Ion:152 Resp: 179955

Ion Ratio Lower Upper

152 100

150 158.3 129.8 194.8

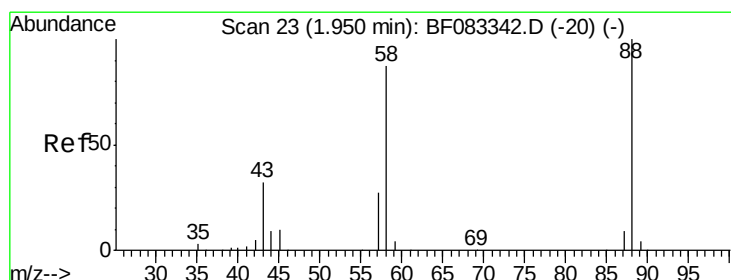
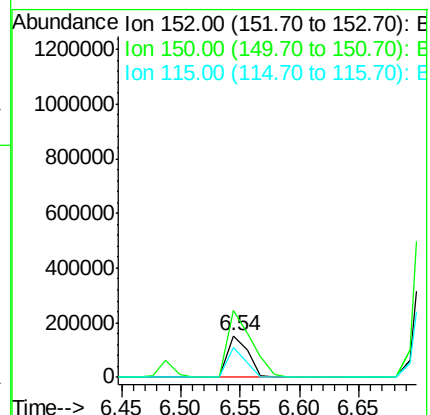
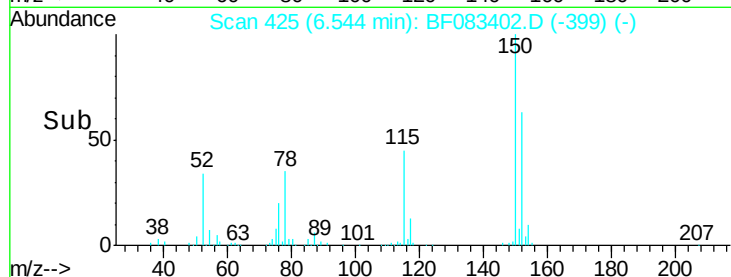
115 70.9 59.2 88.8



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: 35.96 ng

RT: 1.94 min Scan# 22

Delta R.T. -0.01 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

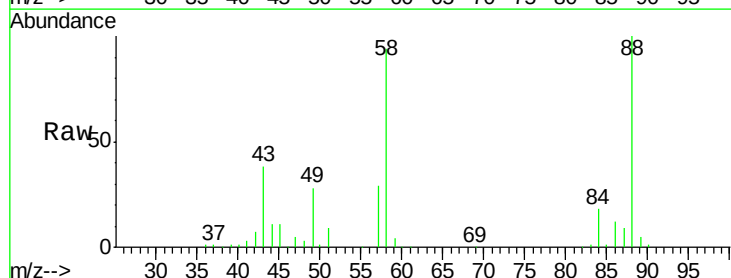
Tgt Ion: 88 Resp: 233548

Ion Ratio Lower Upper

88 100

58 83.7 66.6 100.0

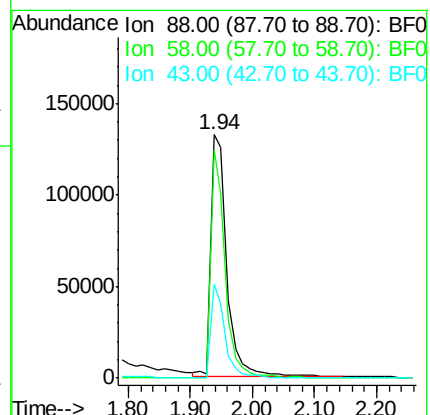
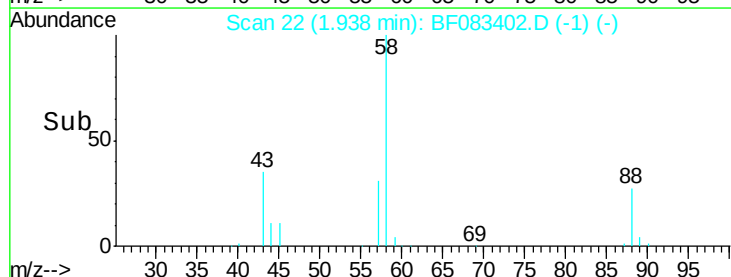
43 34.5 27.1 40.7

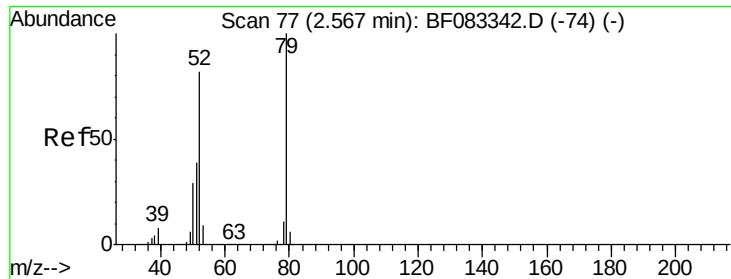


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.92 ng

RT: 2.56 min Scan# 76

Delta R.T. -0.01 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

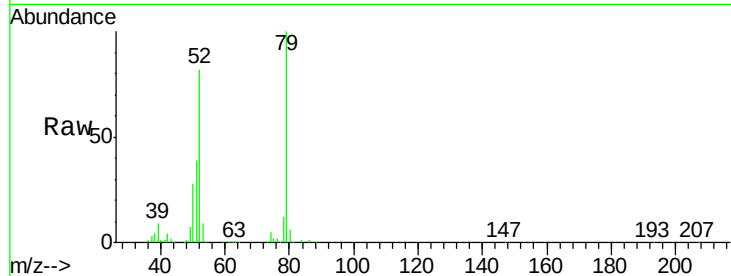
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 648447

Ion	Ratio	Lower	Upper
79	100		
52	82.2	65.9	98.9
51	38.8	32.3	48.5

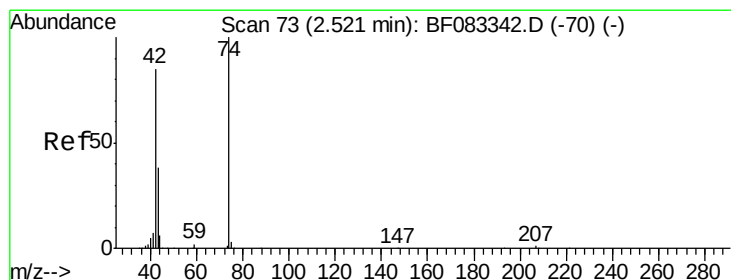
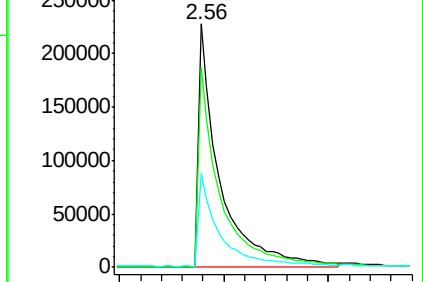
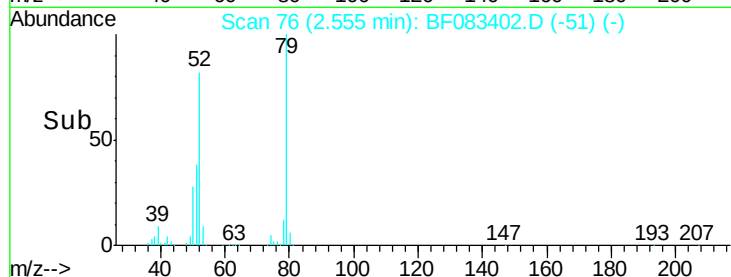


Abundance

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: 38.97 ng

RT: 2.52 min Scan# 73

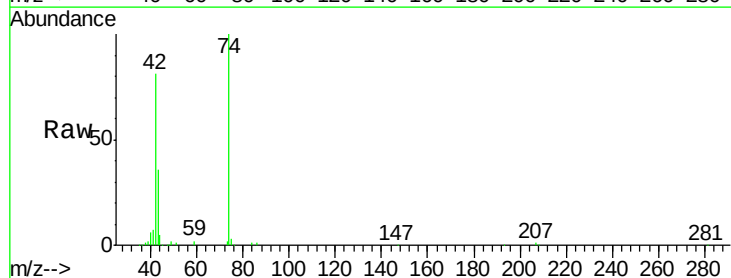
Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Tgt Ion: 42 Resp: 311584

Ion	Ratio	Lower	Upper
42	100		
74	122.8	93.7	140.5
44	6.7	5.6	8.4

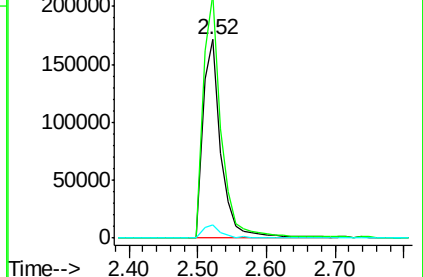
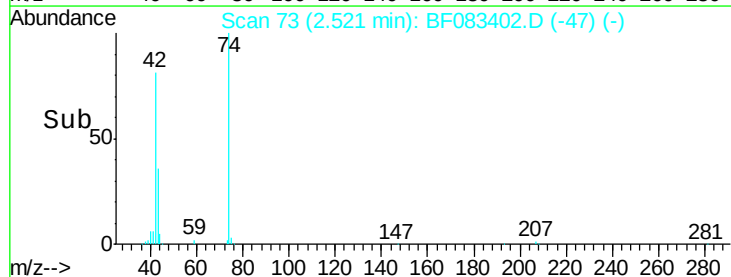


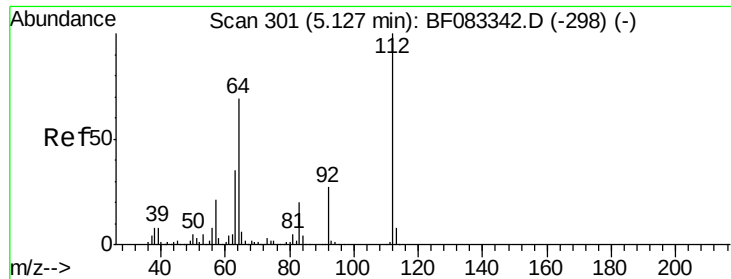
Abundance

Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 76.86 ng

RT: 5.13 min Scan# 301

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

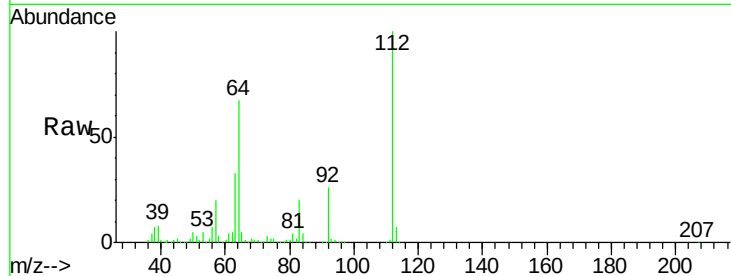
Tot Ion:112 Resp: 921755

Ion Ratio Lower Upper

112 100

64 67.0 55.6 83.4

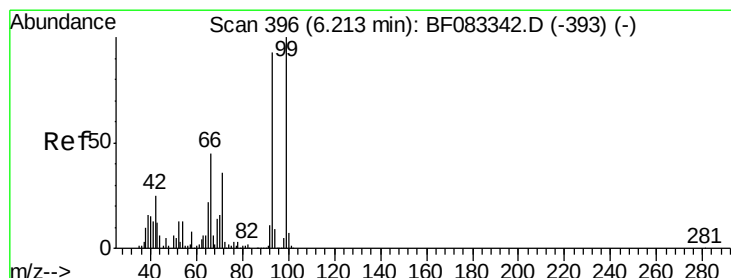
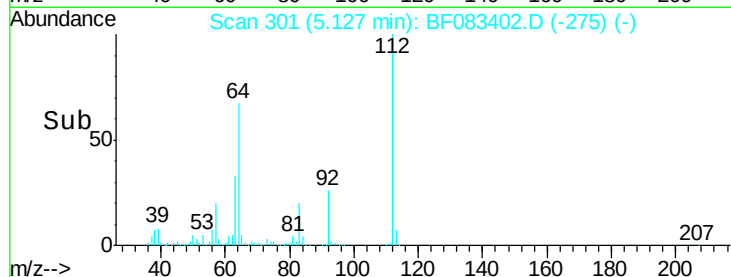
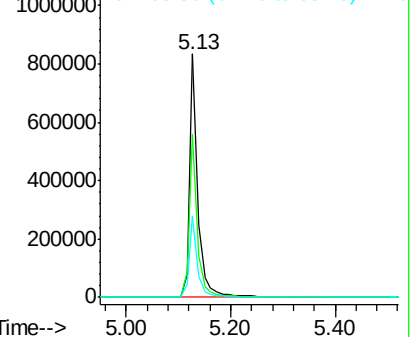
63 33.4 28.2 42.2



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: 37.16 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

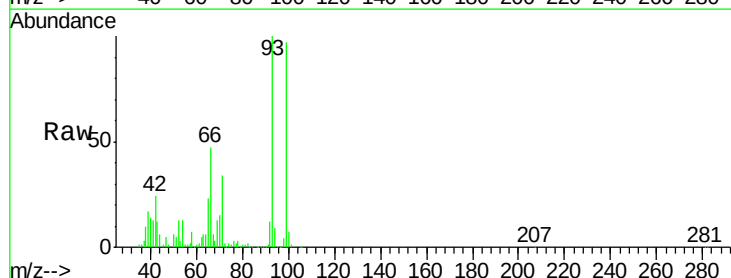
Tgt Ion: 93 Resp: 834417

Ion Ratio Lower Upper

93 100

66 47.1 38.7 58.1

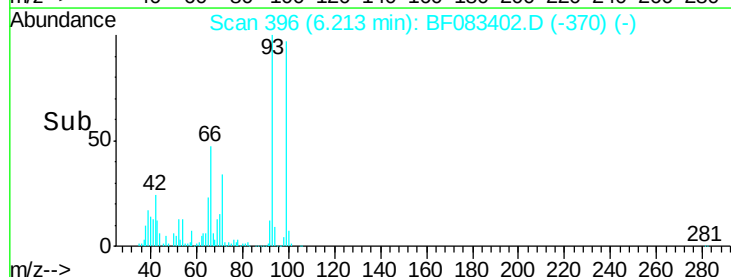
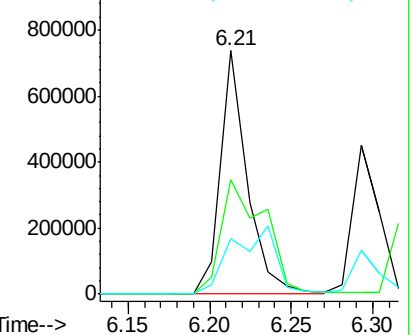
65 22.8 19.0 28.6

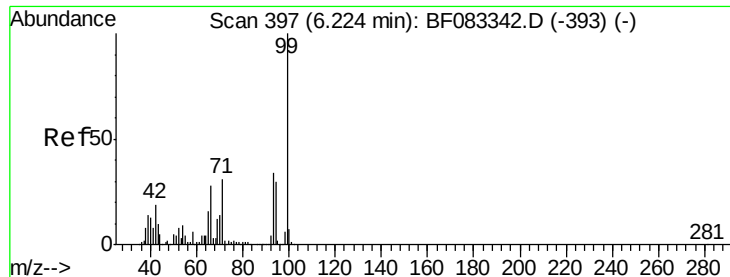


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.04 ng

RT: 6.22 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

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ClientSampleId :

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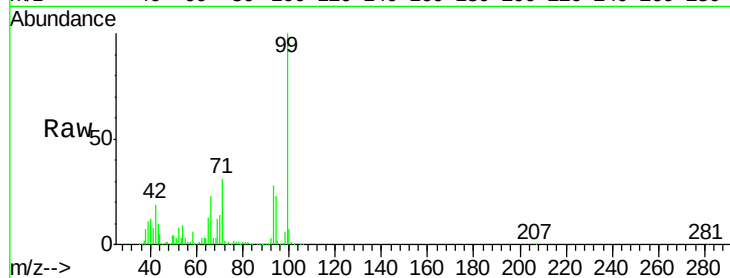
Tot Ion: 99 Resp: 1248210

Ion Ratio Lower Upper

99 100

42 18.7 14.9 22.3

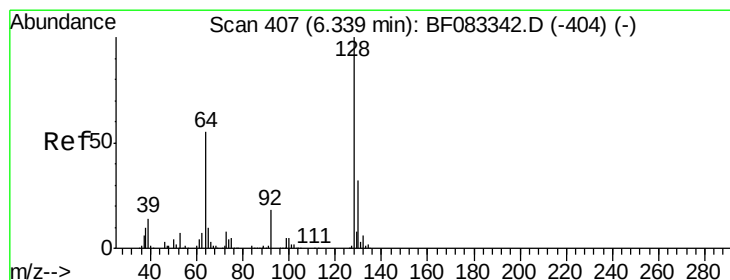
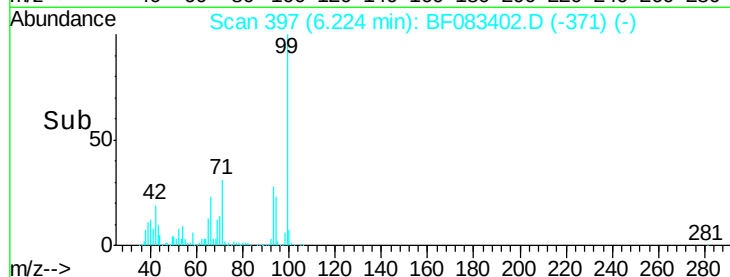
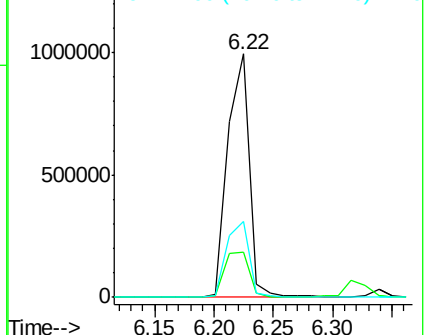
71 31.4 24.7 37.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.42 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

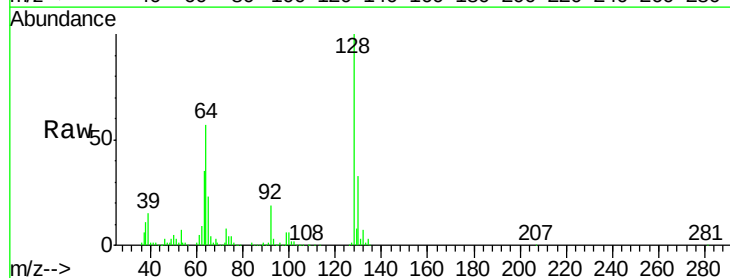
Tgt Ion: 128 Resp: 508218

Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

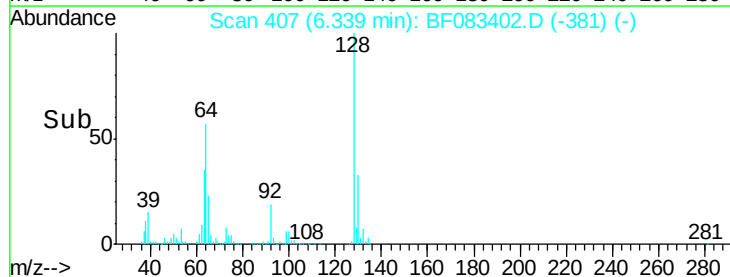
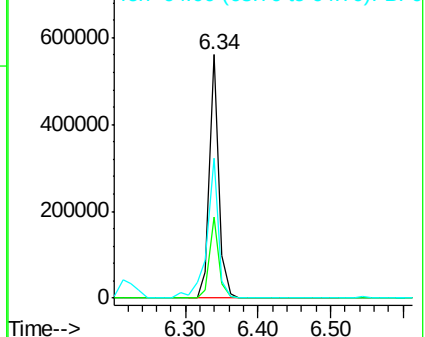
64 57.2 36.4 76.4

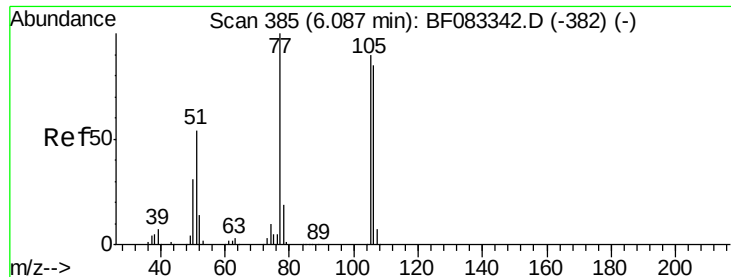


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.04 ng

RT: 6.09 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

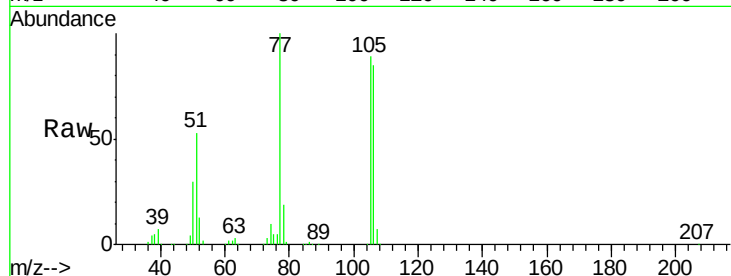
Tot Ion: 77 Resp: 310032

Ion Ratio Lower Upper

77 100

105 89.1 70.0 110.0

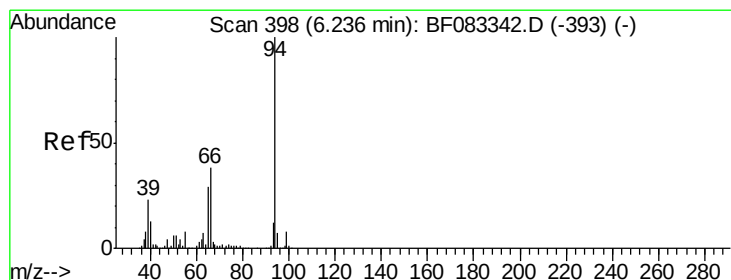
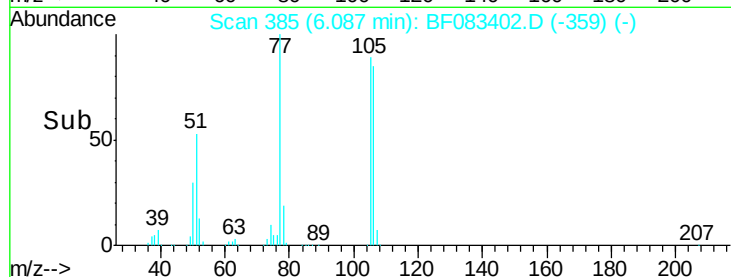
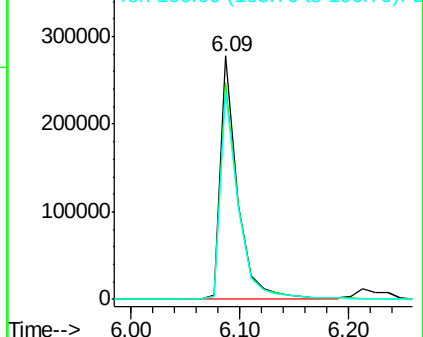
106 85.4 65.0 105.0



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: 37.94 ng

RT: 6.24 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

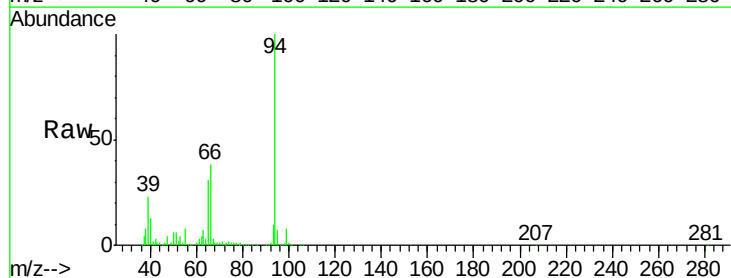
Tgt Ion: 94 Resp: 749319

Ion Ratio Lower Upper

94 100

65 30.6 9.5 49.5

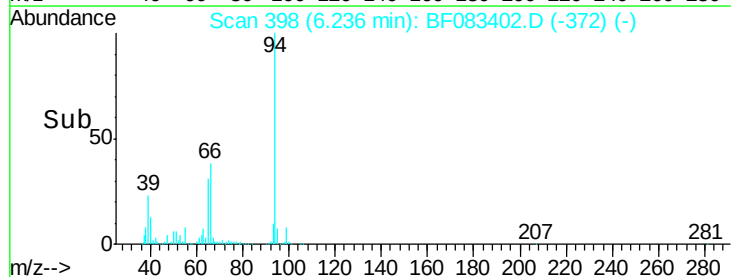
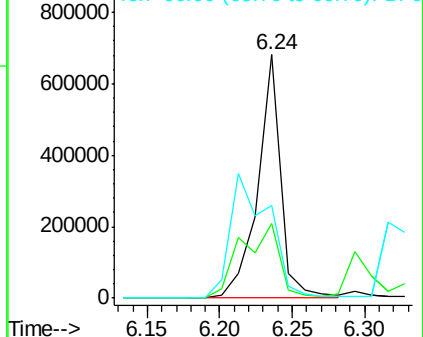
66 37.9 17.9 57.9

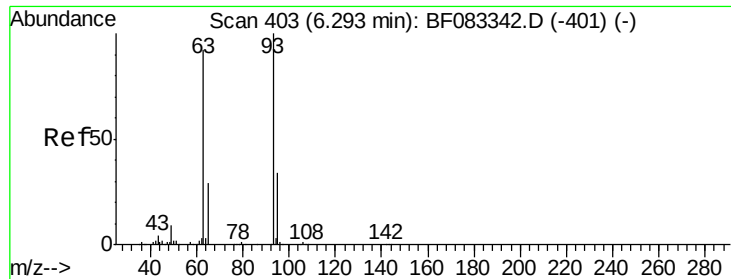


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

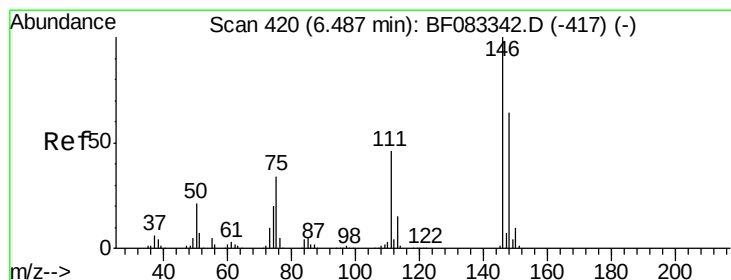
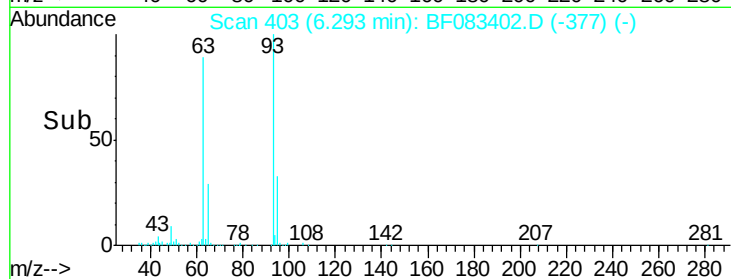
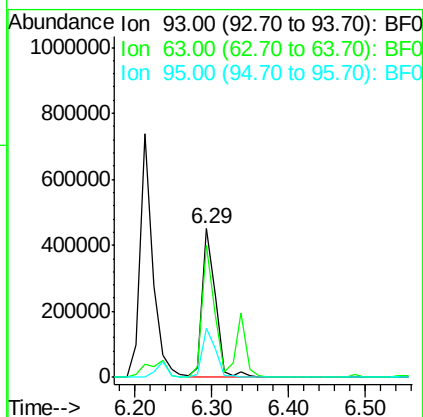
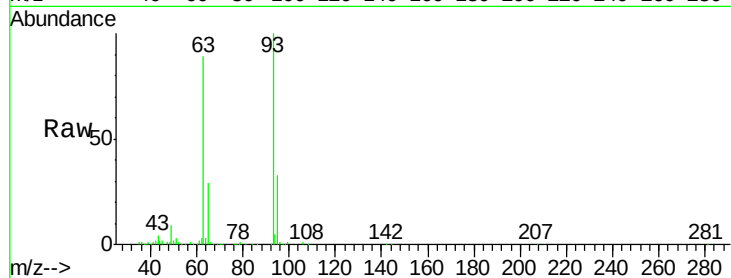




#11
bis(2-Chloroethyl)ether
Concen: 37.11 ng
RT: 6.29 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

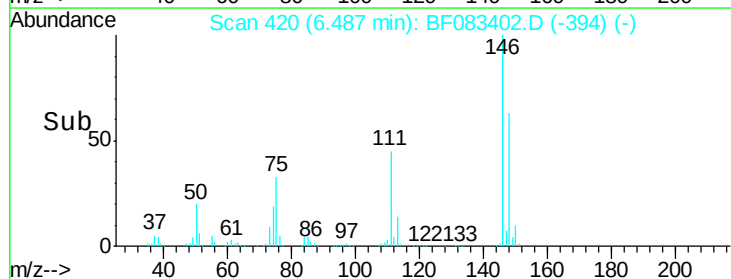
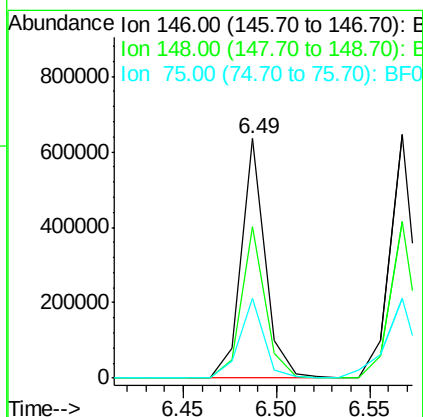
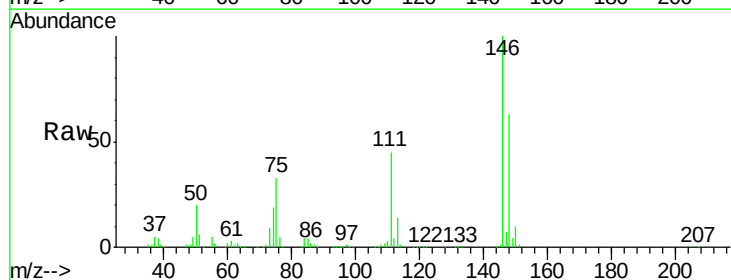
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

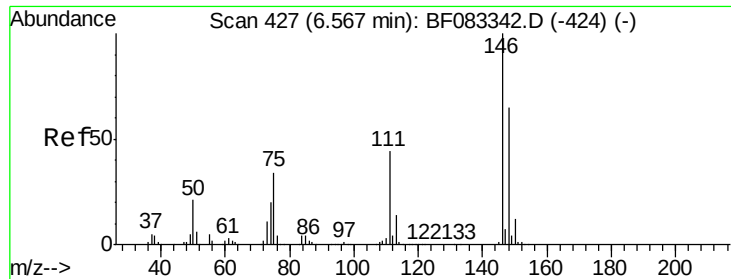
Tot Ion: 93 Resp: 533116
Ion Ratio Lower Upper
93 100
63 89.0 71.4 111.4
95 32.8 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 38.72 ng
RT: 6.49 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Tgt Ion: 146 Resp: 569312
Ion Ratio Lower Upper
146 100
148 63.2 51.1 76.7
75 33.1 27.5 41.3

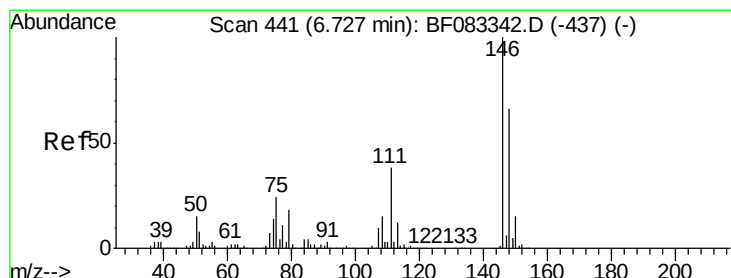
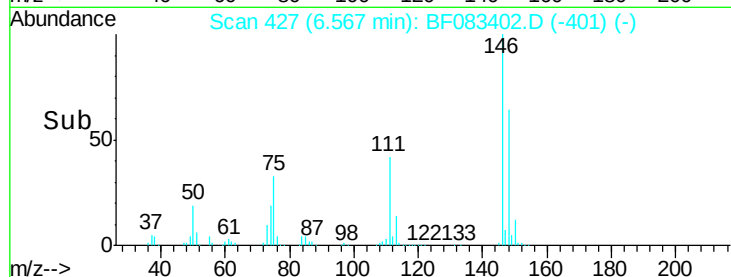
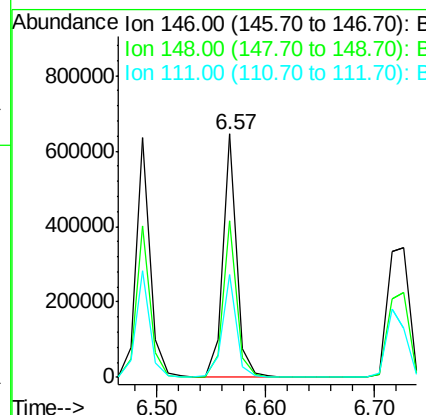
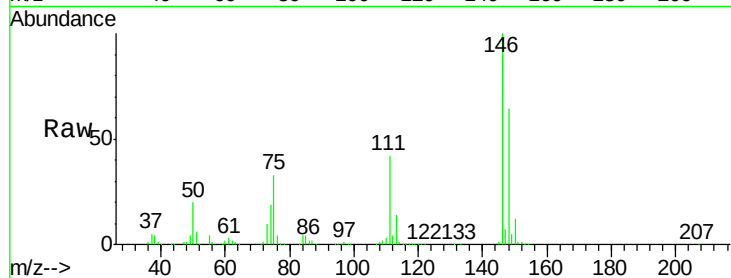




#13
 1,4-Dichlorobenzene
 Concen: 38.14 ng
 RT: 6.57 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

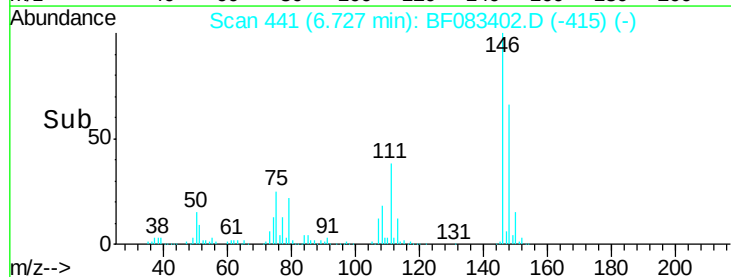
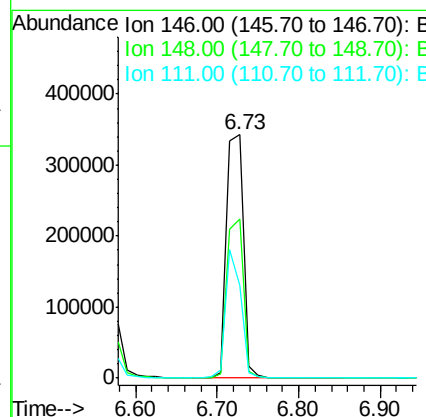
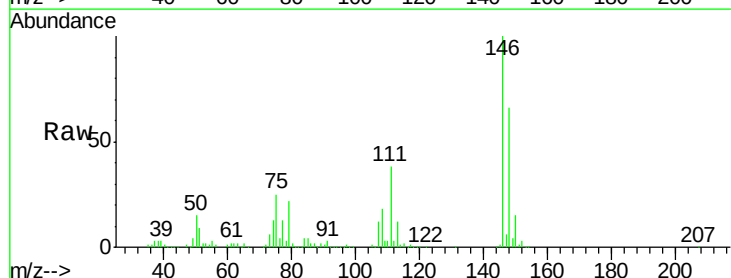
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

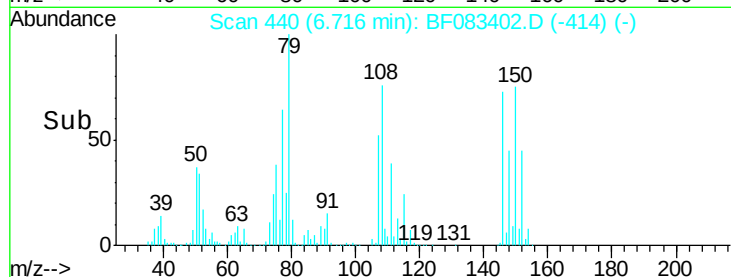
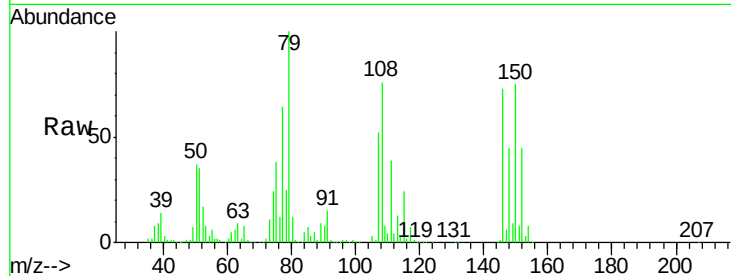
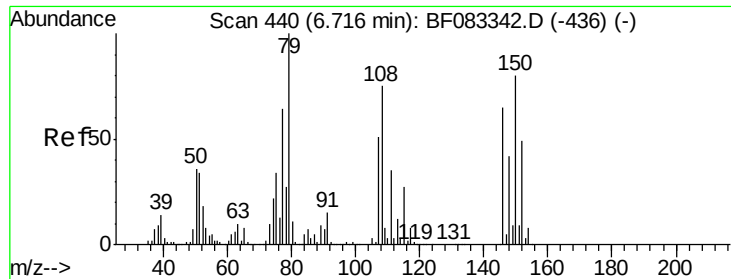
Tot Ion:146 Resp: 579605
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.1 78.1
 111 42.5 35.4 53.0



#14
 1,2-Dichlorobenzene
 Concen: 34.97 ng
 RT: 6.73 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Tgt Ion:146 Resp: 487664
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.5 78.7
 111 37.9 30.6 46.0





#15

Benzyl Alcohol

Concen: 39.70 ng

RT: 6.72 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

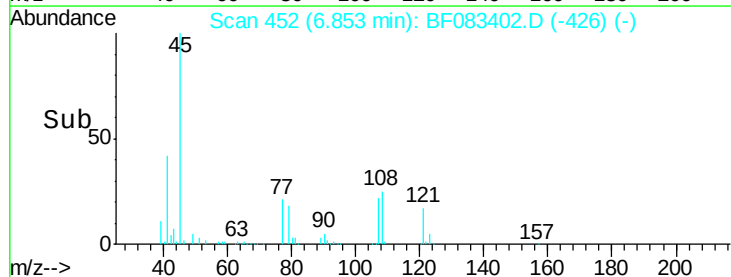
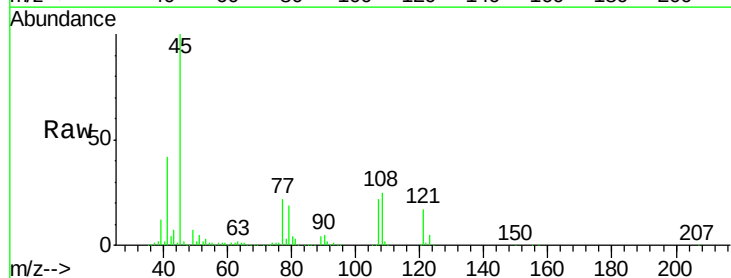
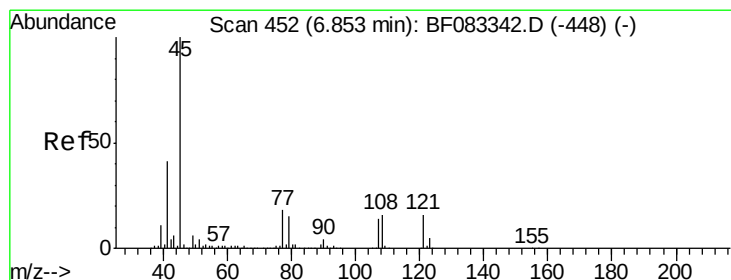
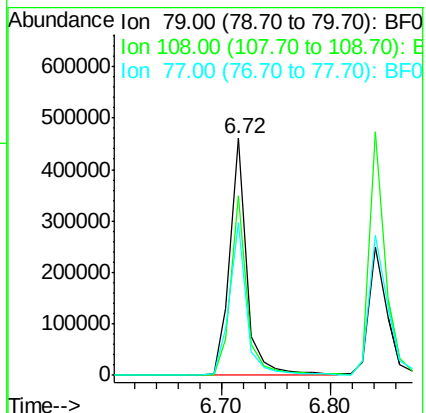
Tot Ion: 79 Resp: 503703

Ion Ratio Lower Upper

79 100

108 75.9 59.9 89.9

77 64.3 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.64 ng

RT: 6.85 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

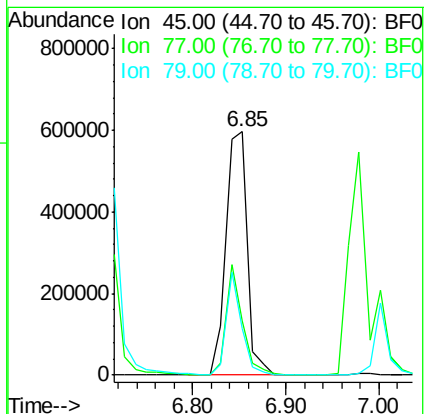
Tgt Ion: 45 Resp: 948912

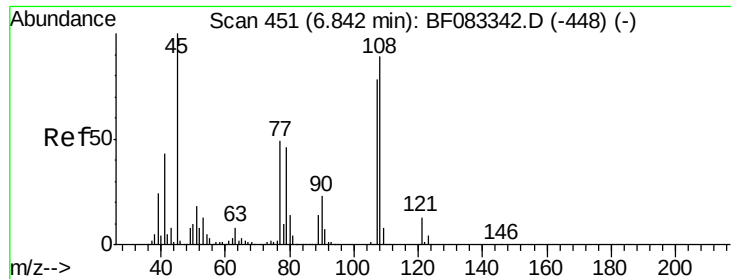
Ion Ratio Lower Upper

45 100

77 22.0 0.0 38.3

79 18.9 0.0 35.4





#17

2-Methylphenol

Concen: 38.54 ng

RT: 6.84 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 424924

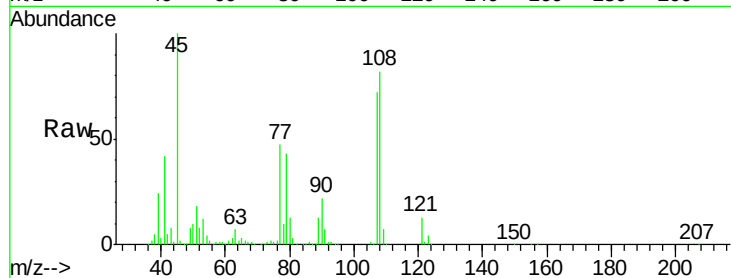
Ion Ratio Lower Upper

107 100

108 113.9 91.6 137.4

77 65.5 49.9 74.9

79 60.3 47.3 70.9



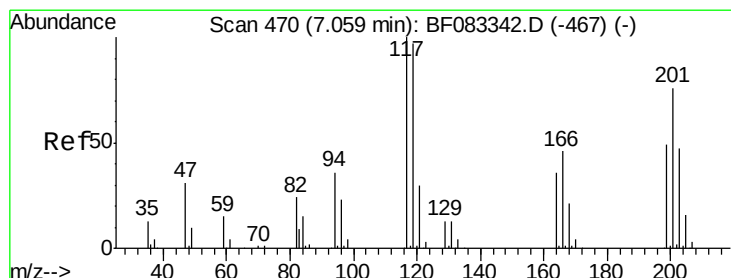
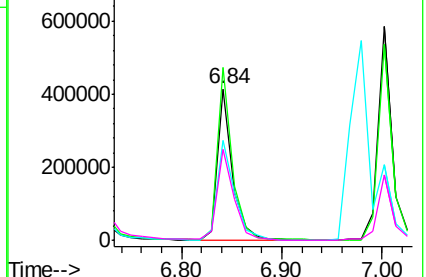
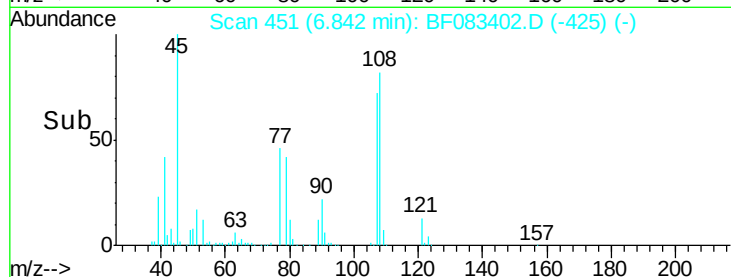
Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.91 ng

RT: 7.06 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

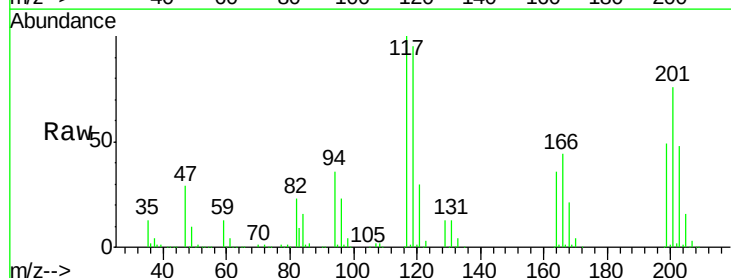
Tgt Ion:117 Resp: 200121

Ion Ratio Lower Upper

117 100

119 94.7 77.3 115.9

201 76.1 60.6 90.8

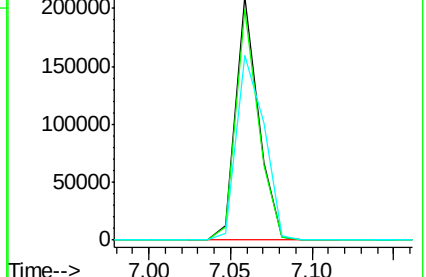
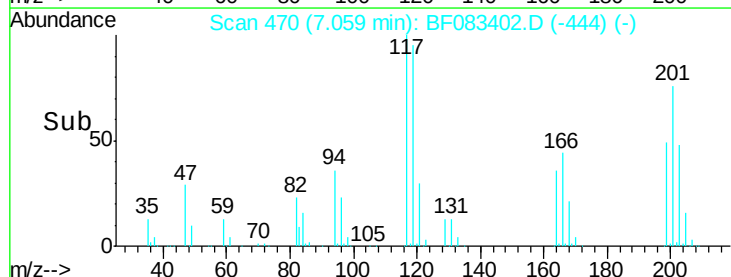


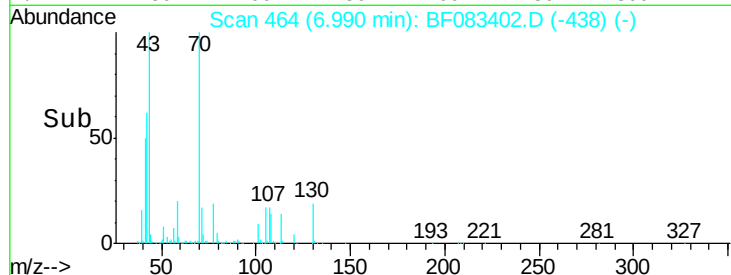
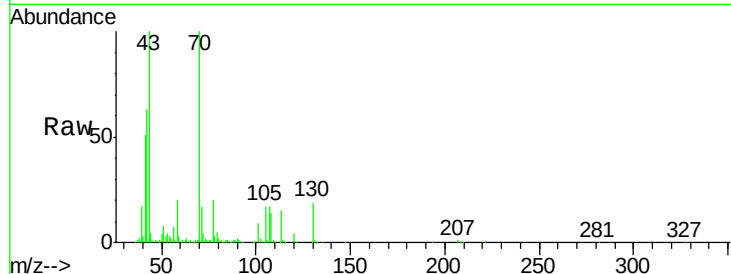
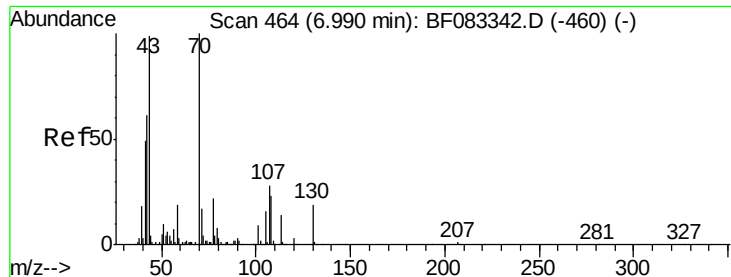
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

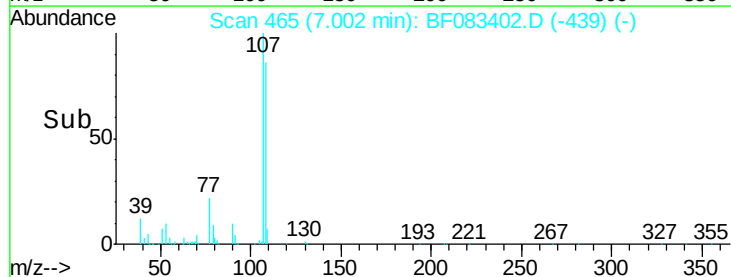
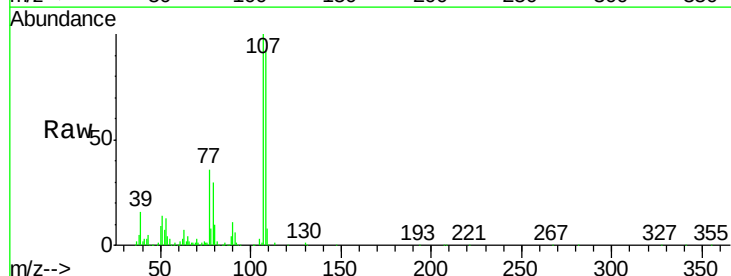
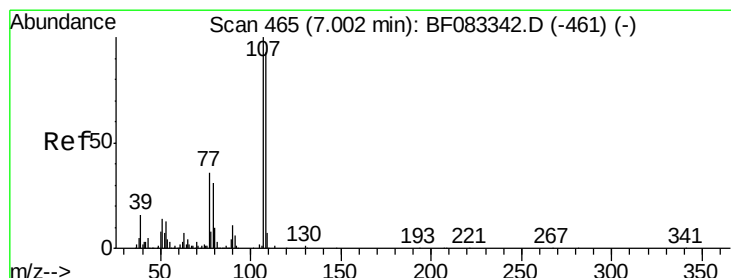
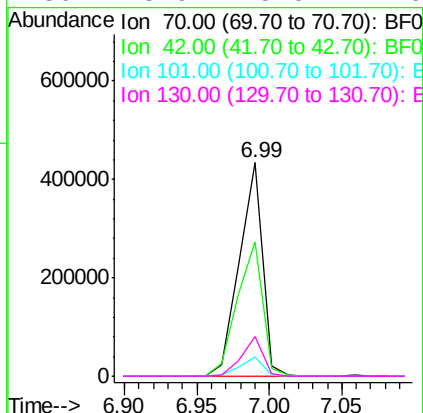




#19
n-Nitroso-di-n-propylamine
Concen: 41.36 ng
RT: 6.99 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

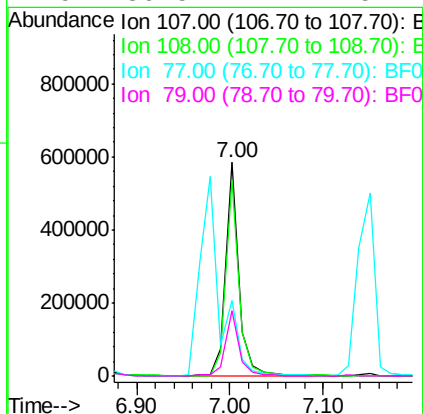
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

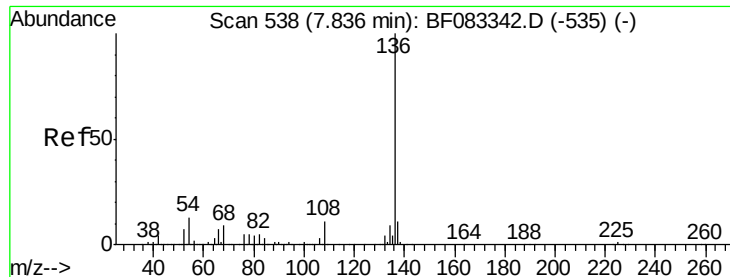
Tot Ion:	70	Resp:	485315
Ion	Ratio	Lower	Upper
70	100		
42	62.7	48.8	73.2
101	8.7	7.1	10.7
130	18.9	15.0	22.6



#20
3+4-Methylphenols
Concen: 38.45 ng
RT: 7.00 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Tgt Ion:	107	Resp:	574266
Ion	Ratio	Lower	Upper
107	100		
108	91.5	73.0	113.0
77	35.6	16.8	56.8
79	30.5	11.4	51.4

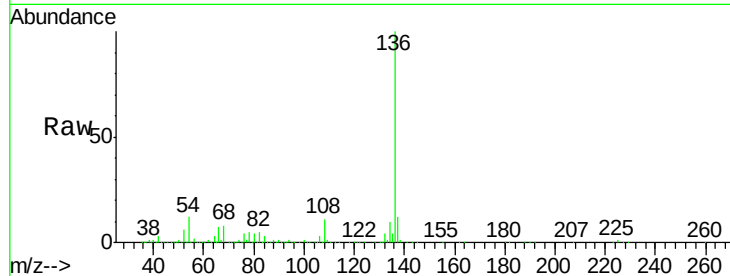




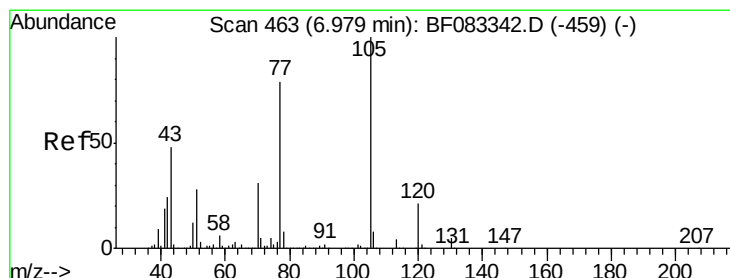
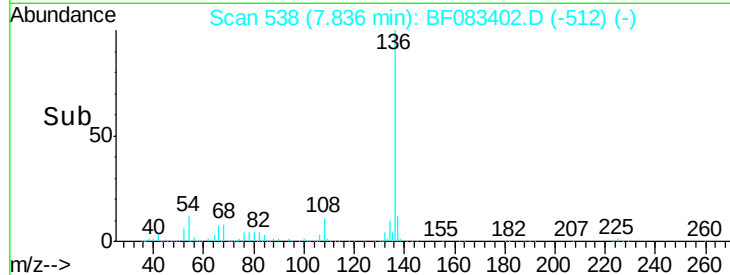
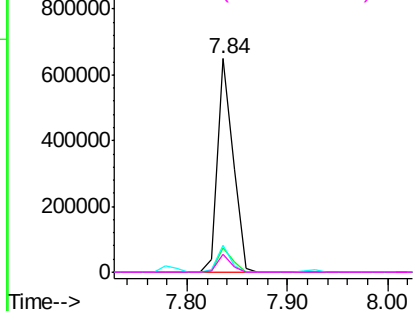
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp: 696813
Ion Ratio	Lower Upper
136 100	
137 11.5	9.0 13.4
54 12.3	10.1 15.1
68 8.4	7.1 10.7

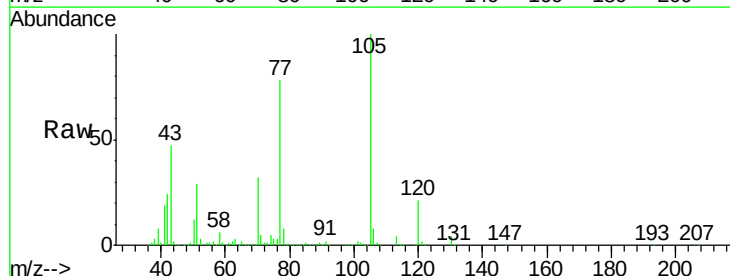


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

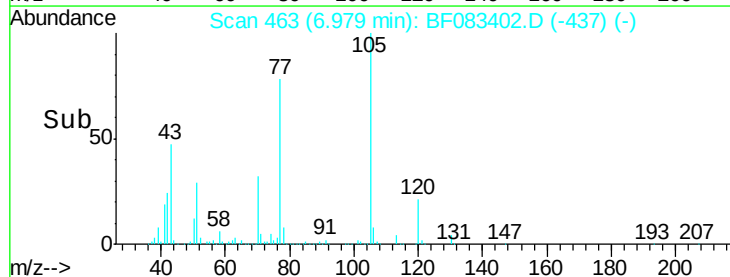
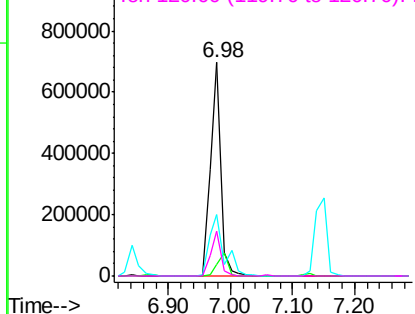


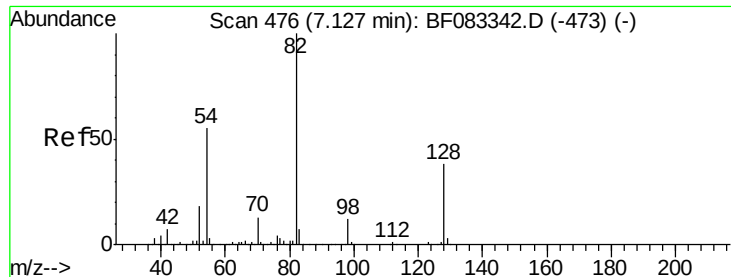
#22
Acetophenone
Concen: 38.12 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Tgt Ion	Ion:105	Resp:	794650
	Ratio	Lower	Upper
105	100		
71	5.3	4.3	6.5
51	28.6	22.9	34.3
120	20.7	16.7	25.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E



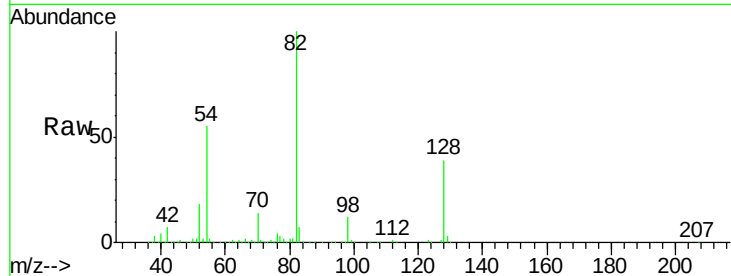


#23
 Nitrobenzene-d5
 Concen: 74.26 ng
 RT: 7.13 min Scan# 476
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

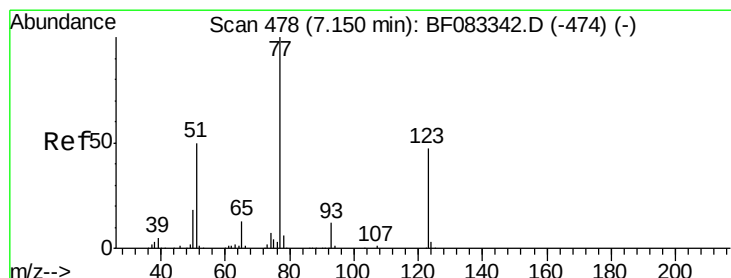
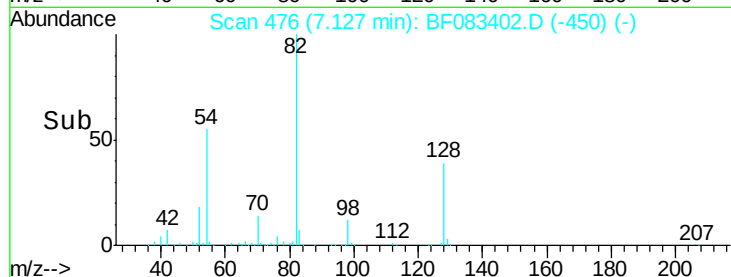
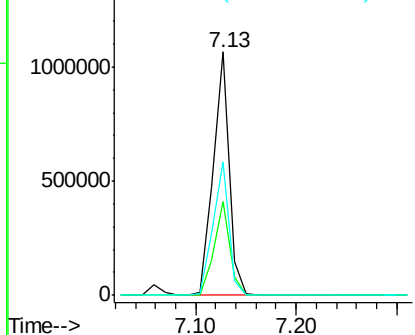
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1177066

Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.6	46.0
54	54.8	43.8	65.6



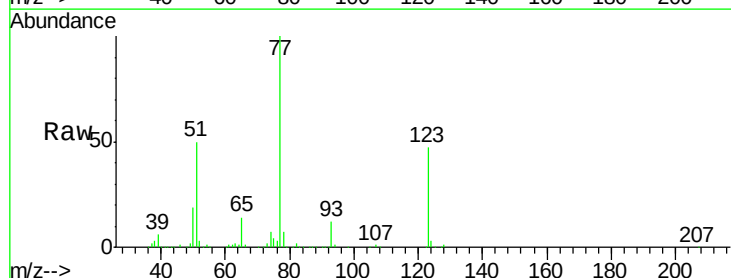
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0



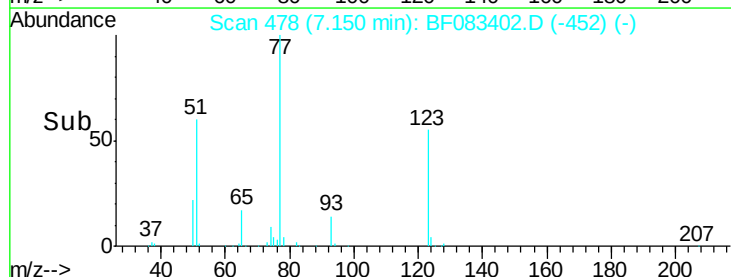
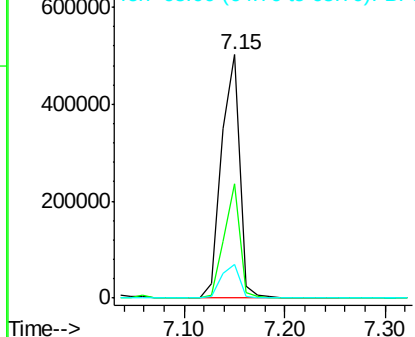
#24
 Nitrobenzene
 Concen: 37.07 ng
 RT: 7.15 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

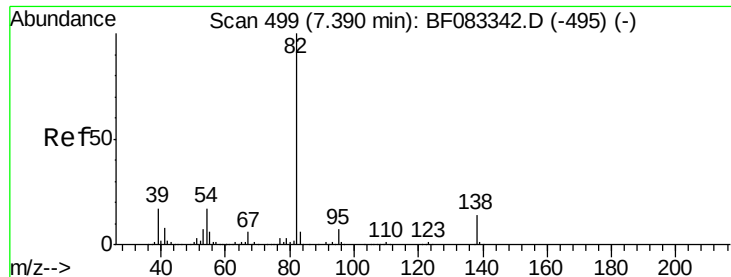
Tgt Ion: 77 Resp: 627568

Ion	Ratio	Lower	Upper
77	100		
123	47.1	37.4	56.0
65	13.8	10.6	15.8



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





#25

Isophorone

Concen: 37.81 ng

RT: 7.39 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

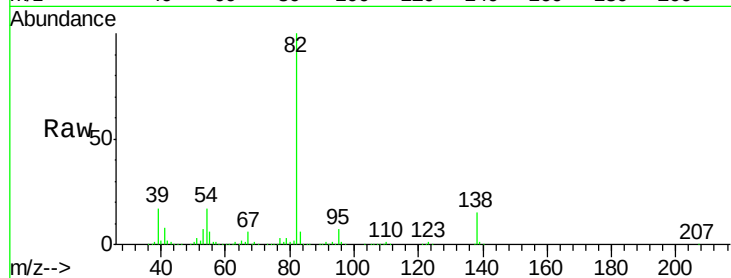
Tot Ion: 82 Resp: 1160885

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

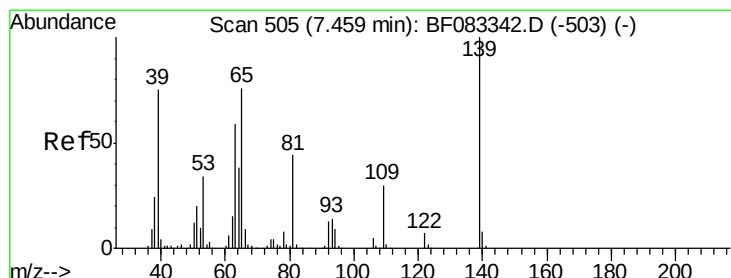
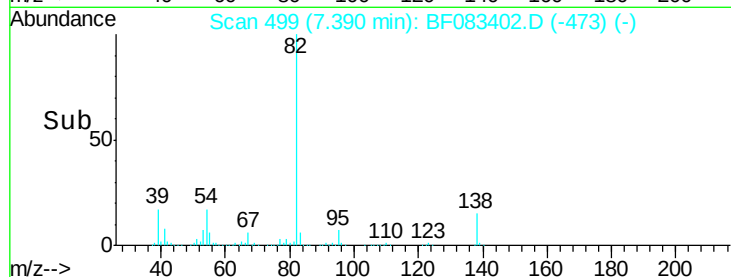
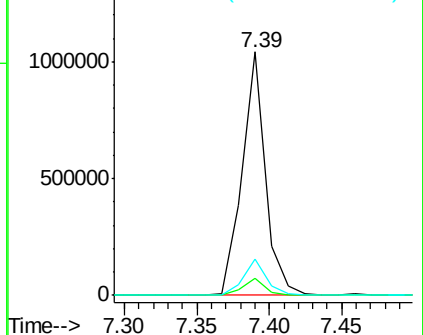
138 15.0 11.6 17.4



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: 36.58 ng

RT: 7.46 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

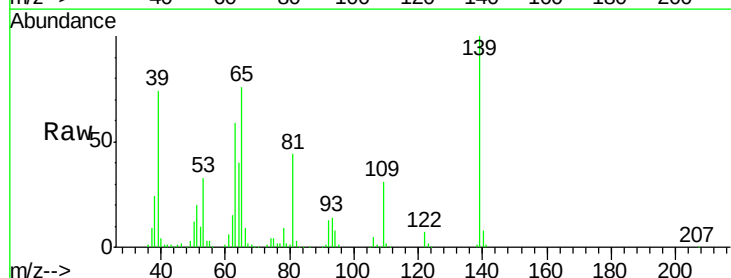
Tgt Ion: 139 Resp: 252753

Ion Ratio Lower Upper

139 100

109 30.5 24.2 36.4

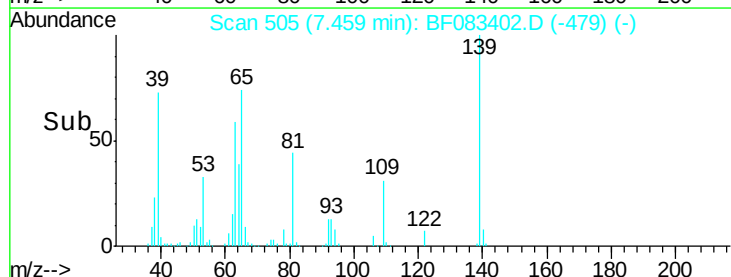
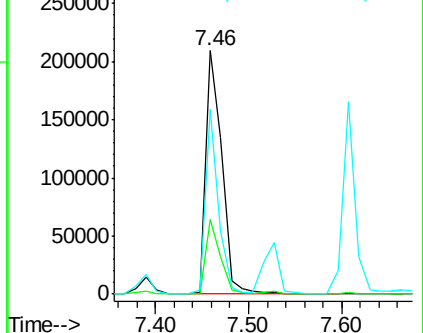
65 75.7 61.0 91.6

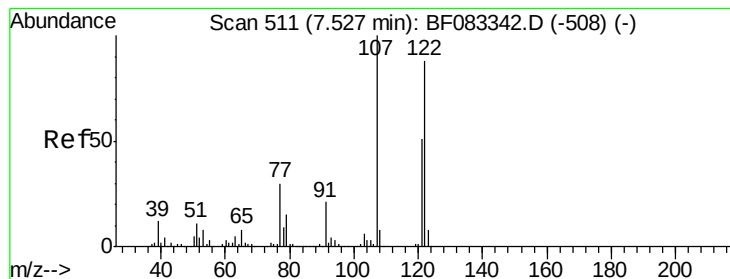


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.71 ng

RT: 7.53 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

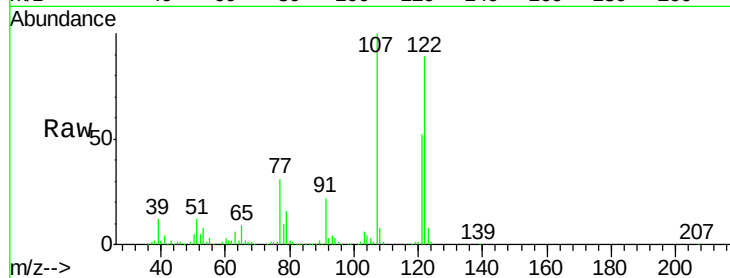
Tot Ion:122 Resp: 460023

Ion Ratio Lower Upper

122 100

107 112.4 91.2 136.8

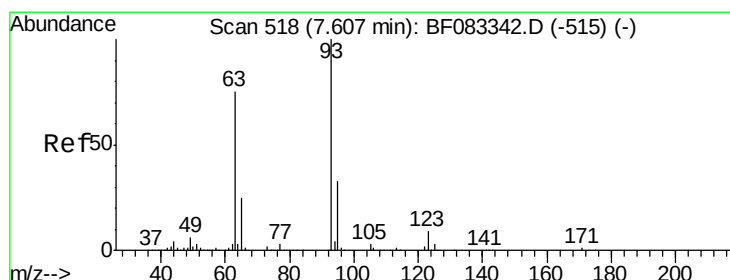
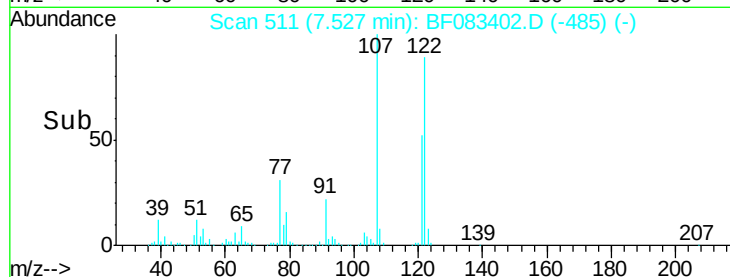
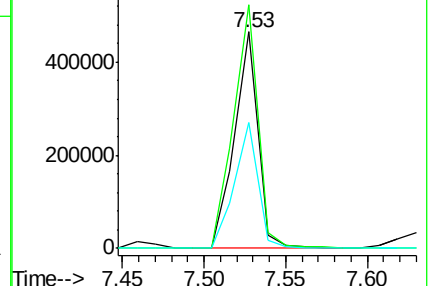
121 58.0 46.4 69.6



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: 37.33 ng

RT: 7.61 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

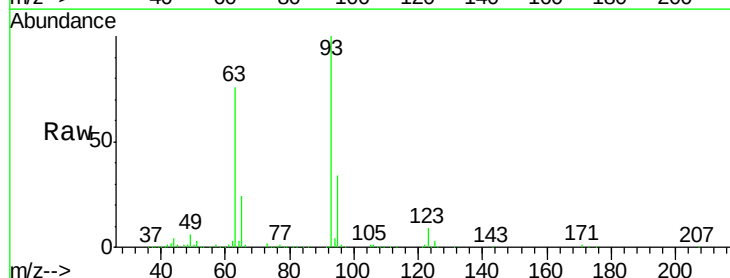
Tgt Ion: 93 Resp: 652757

Ion Ratio Lower Upper

93 100

95 33.6 26.1 39.1

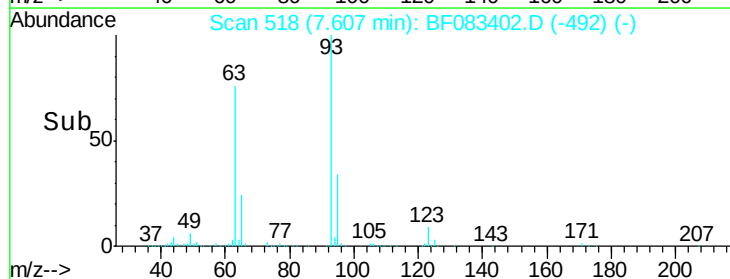
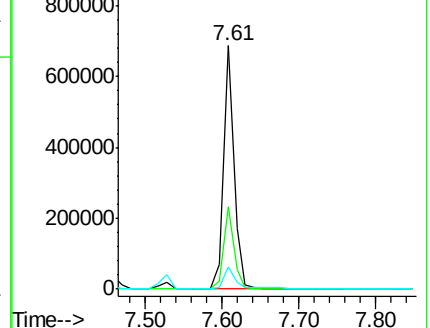
123 9.1 7.4 11.0

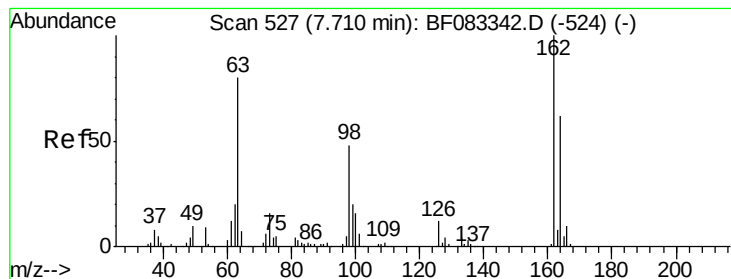


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.58 ng

RT: 7.71 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

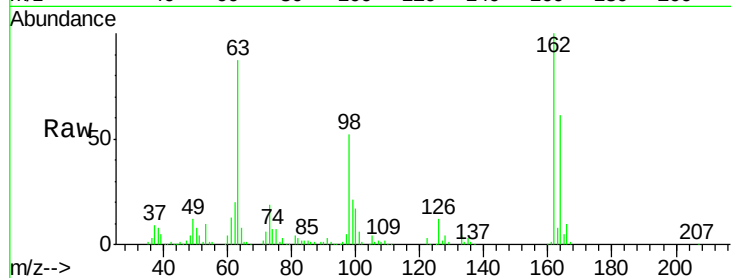
Tot Ion:162 Resp: 418633

Ion Ratio Lower Upper

162 100

164 61.3 41.9 81.9

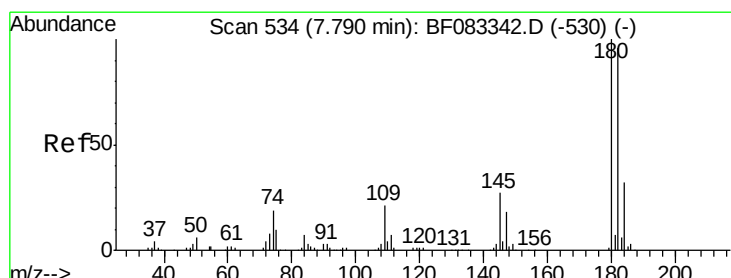
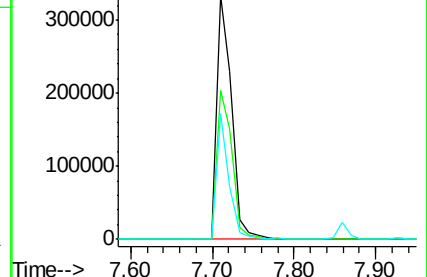
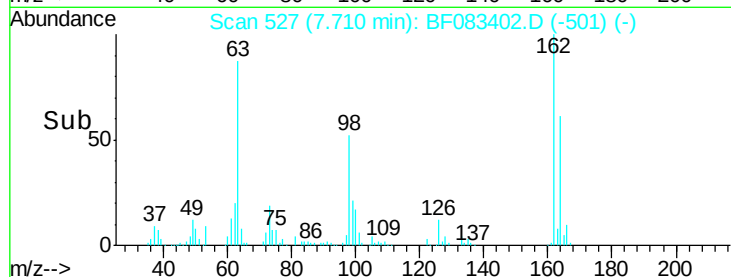
98 51.6 28.1 68.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 37.46 ng

RT: 7.79 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

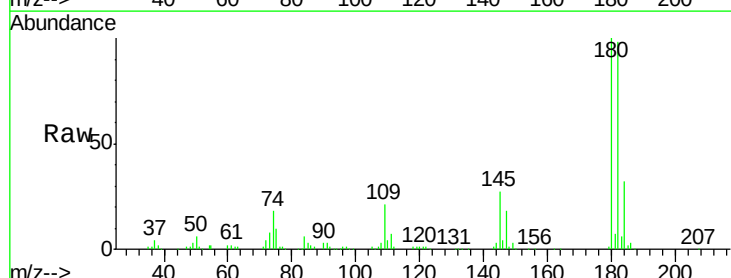
Tgt Ion:180 Resp: 454263

Ion Ratio Lower Upper

180 100

182 98.2 77.2 115.8

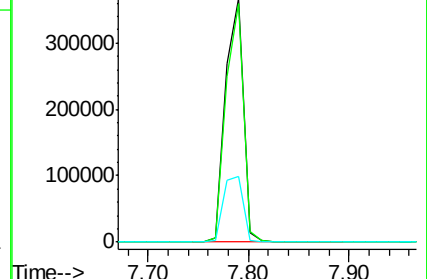
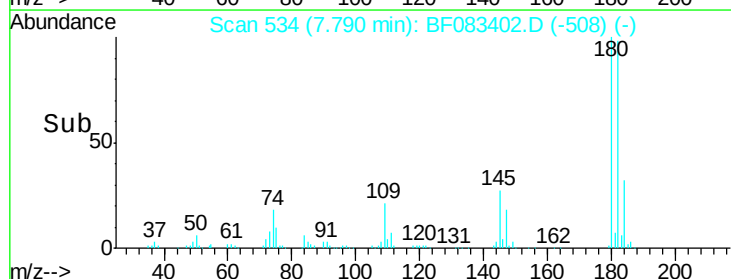
145 27.1 21.4 32.2

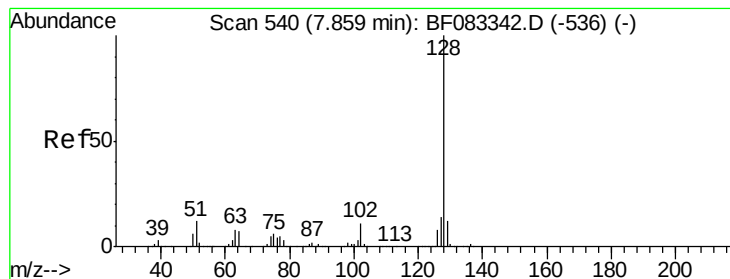


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.52 ng

RT: 7.86 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

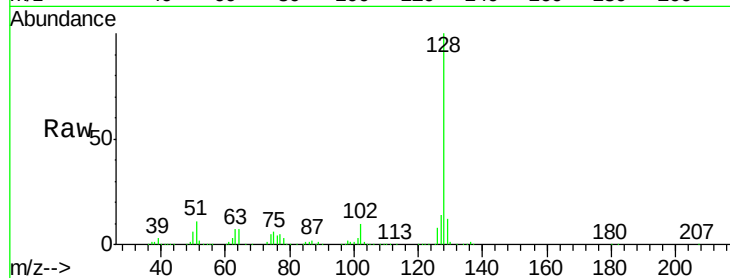
Tot Ion:128 Resp: 1380809

Ion Ratio Lower Upper

128 100

129 11.7 9.7 14.5

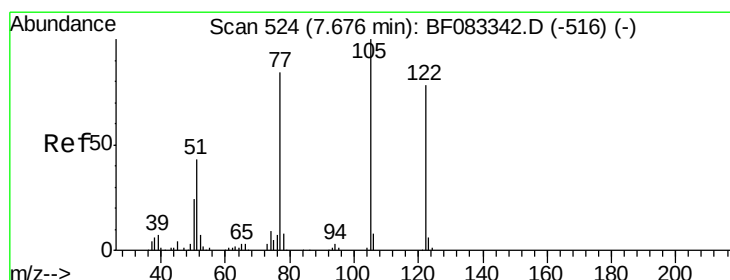
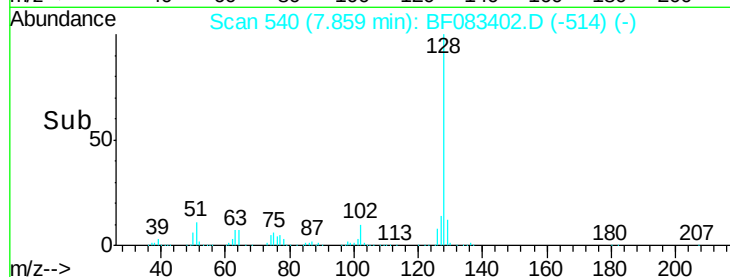
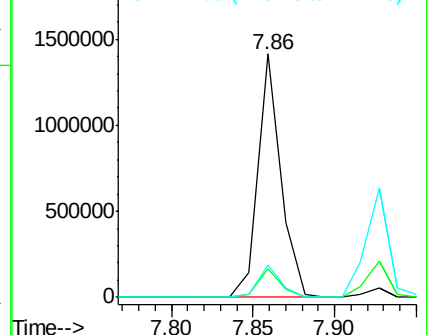
127 13.6 11.0 16.4



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: 31.31 ng

RT: 7.66 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

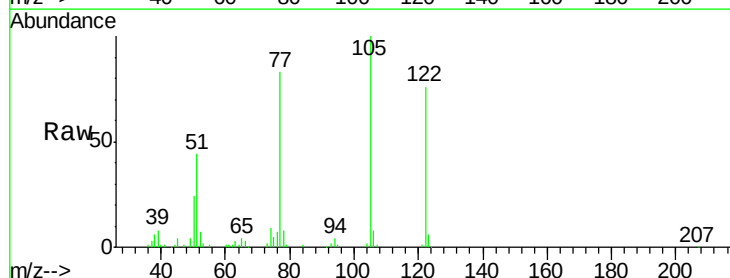
Tgt Ion:122 Resp: 250153

Ion Ratio Lower Upper

122 100

105 131.7 106.0 146.0

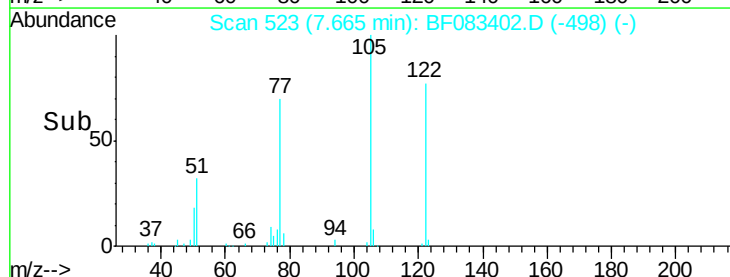
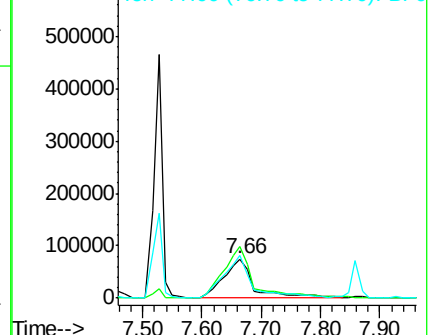
77 108.7 86.3 126.3

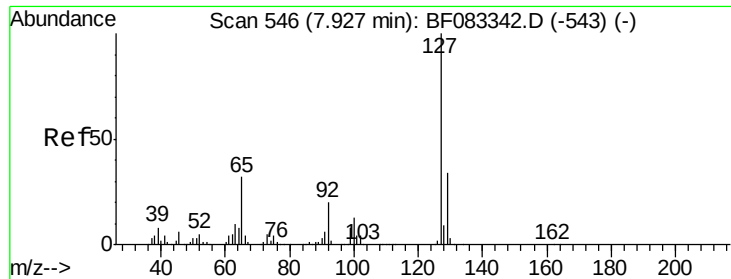


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

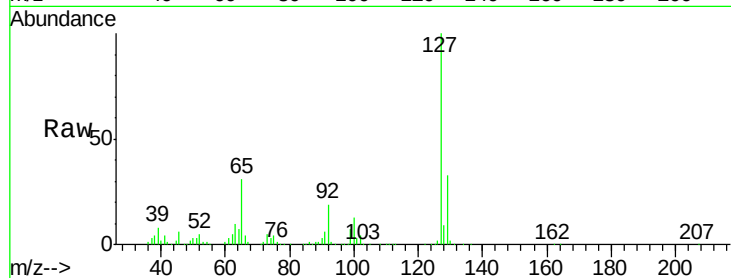




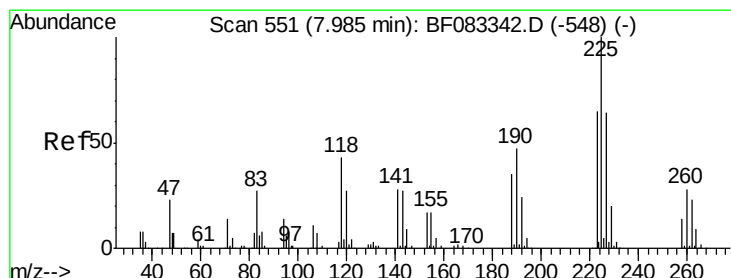
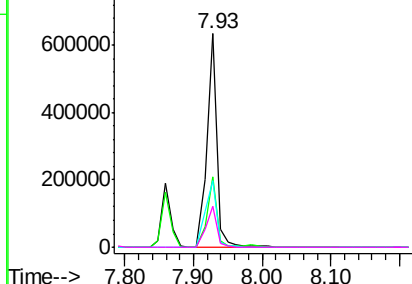
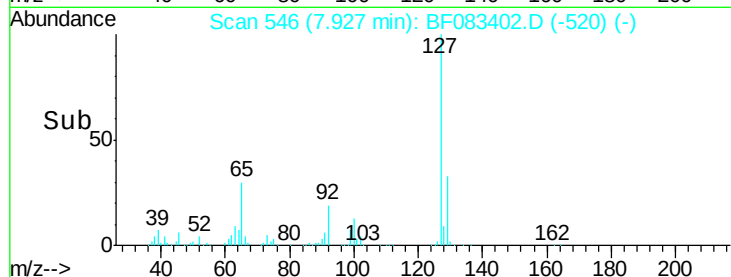
#33
4-Chloroaniline
Concen: 39.29 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	640326
Ion	Ratio	Lower	Upper
127	100		
129	32.7	27.0	40.4
65	31.1	25.9	38.9
92	19.1	15.8	23.8

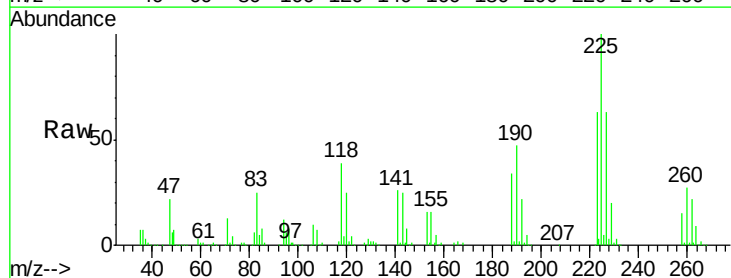


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

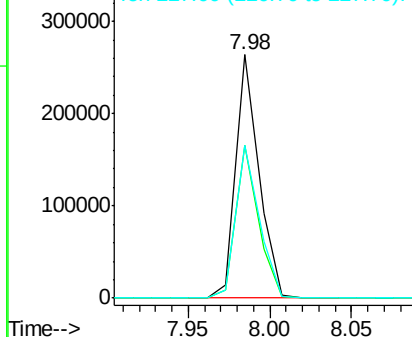
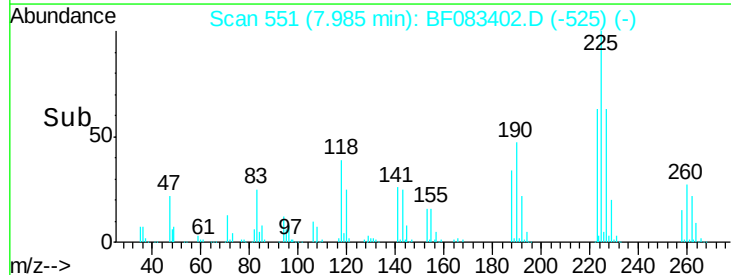


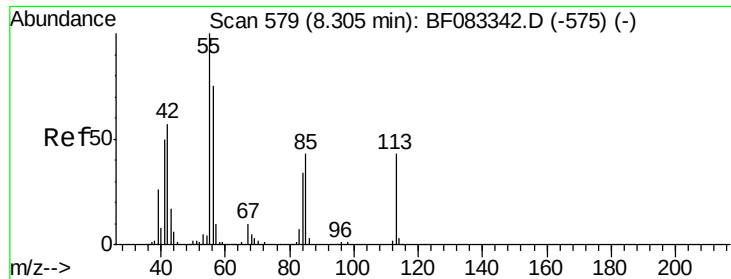
#34
Hexachlorobutadiene
Concen: 37.22 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Tgt Ion:	225	Resp:	256266
Ion	Ratio	Lower	Upper
225	100		
223	62.9	52.0	78.0
227	62.9	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.25 ng

RT: 8.32 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

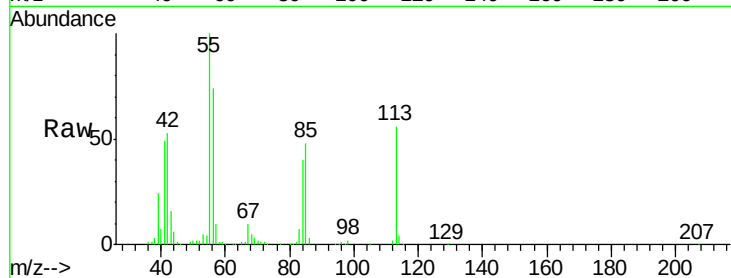
Tot Ion:113 Resp: 145190

Ion Ratio Lower Upper

113 100

55 179.2 211.6 251.6#

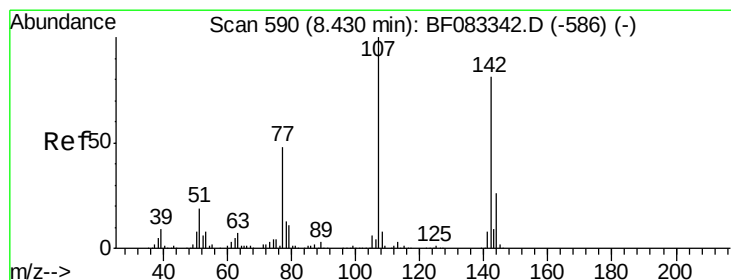
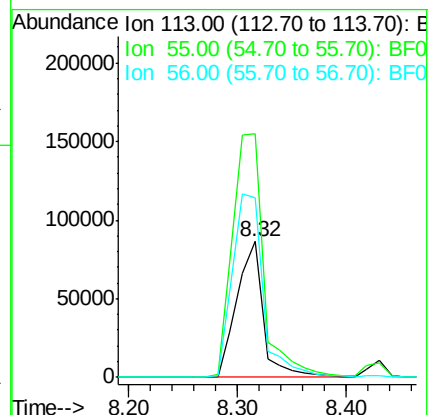
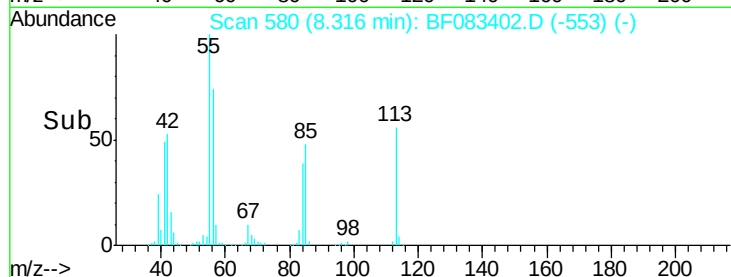
56 131.9 153.0 193.0#



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: 37.52 ng

RT: 8.43 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

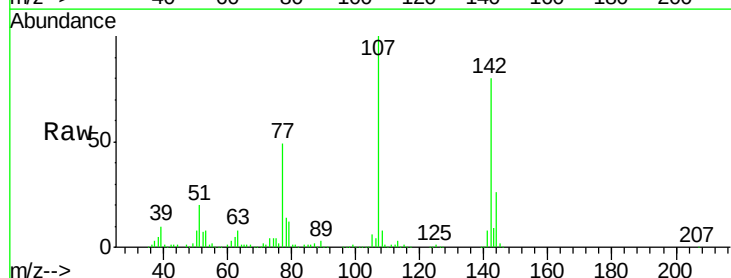
Tgt Ion:107 Resp: 468796

Ion Ratio Lower Upper

107 100

144 26.0 21.1 31.7

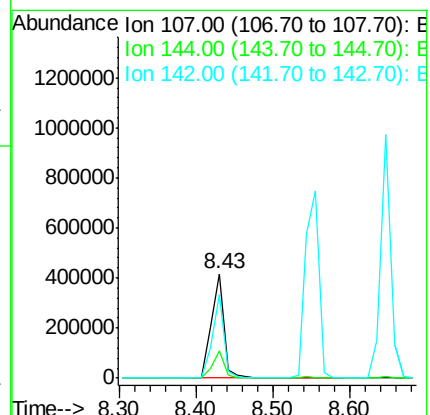
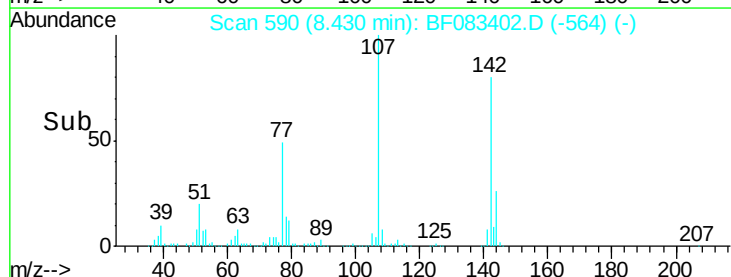
142 80.0 65.1 97.7

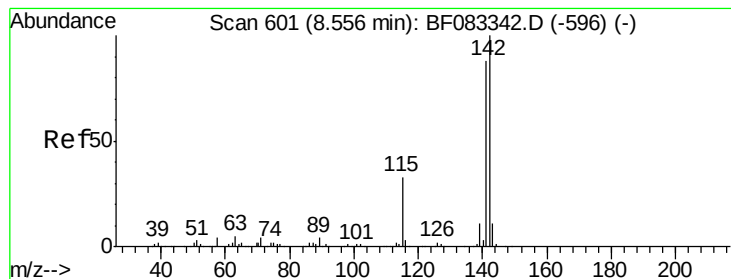


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

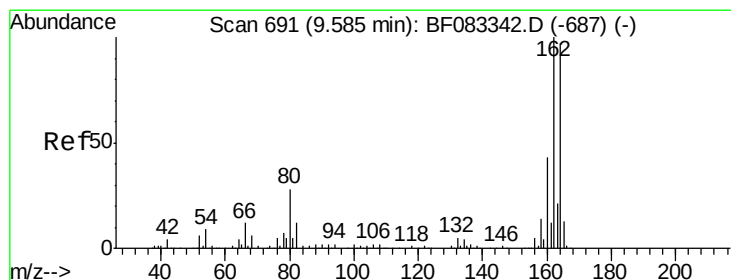
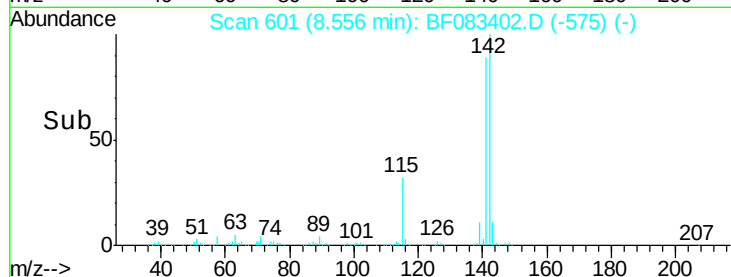
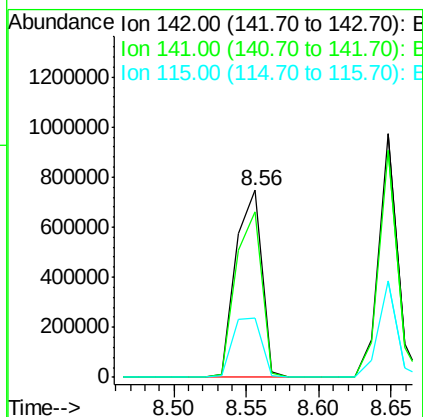
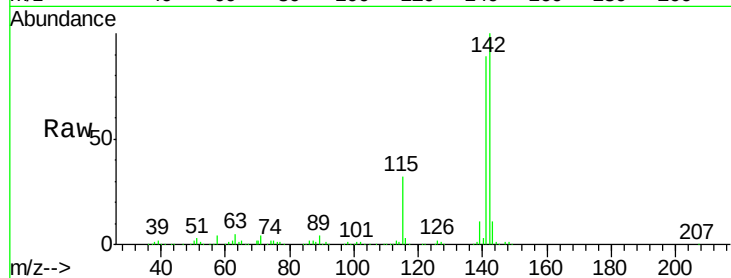




#37
2-Methylnaphthalene
Concen: 36.83 ng
RT: 8.56 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

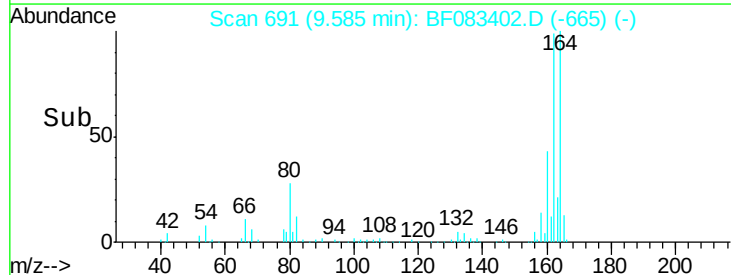
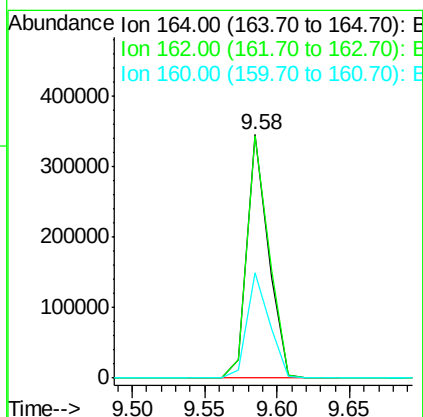
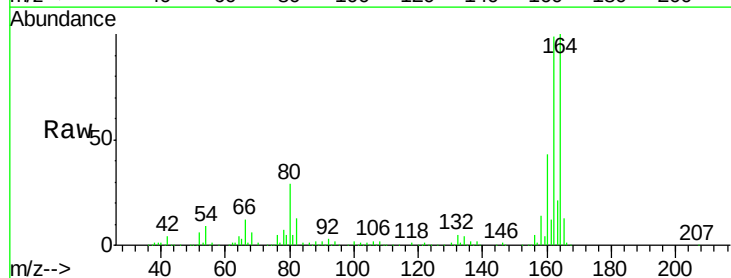
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

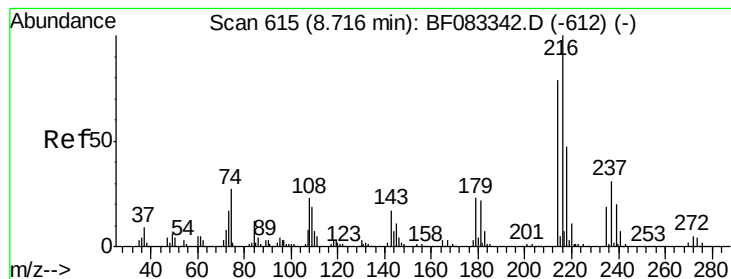
Tot Ion:142 Resp: 930621
Ion Ratio Lower Upper
142 100
141 88.6 70.6 105.8
115 31.8 26.2 39.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Tgt Ion:164 Resp: 354852
Ion Ratio Lower Upper
164 100
162 99.4 82.6 123.8
160 43.1 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.87 ng

RT: 8.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 414695

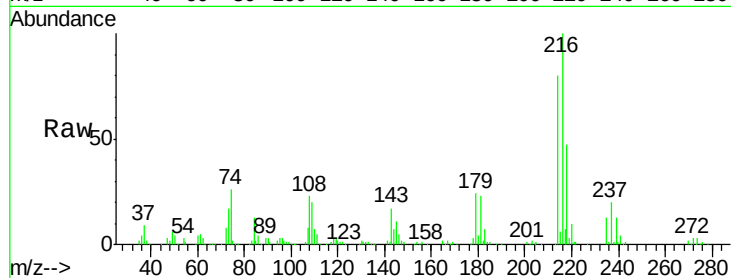
Ion Ratio Lower Upper

216 100

214 78.8 62.3 93.5

179 21.7 17.0 25.4

108 20.5 16.7 25.1

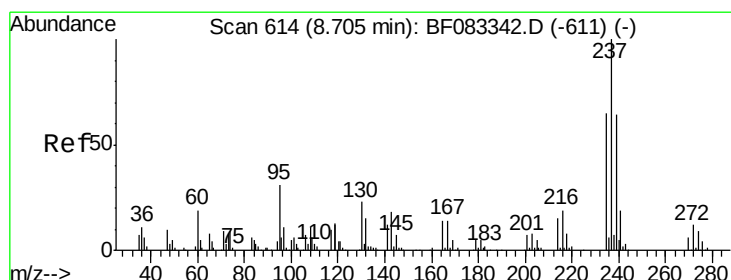
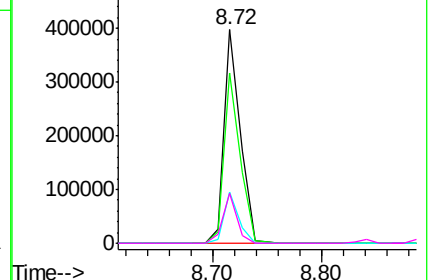
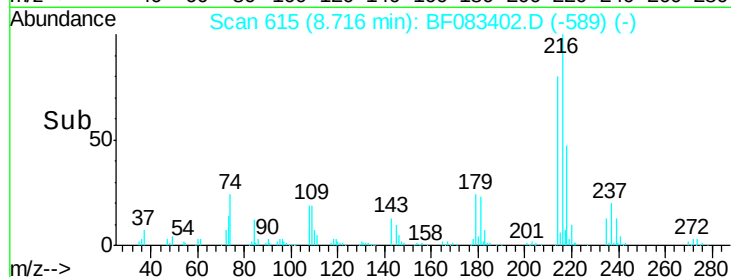


Abundance Ion 216.00 (215.70 to 216.70): E

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: 29.56 ng

RT: 8.70 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

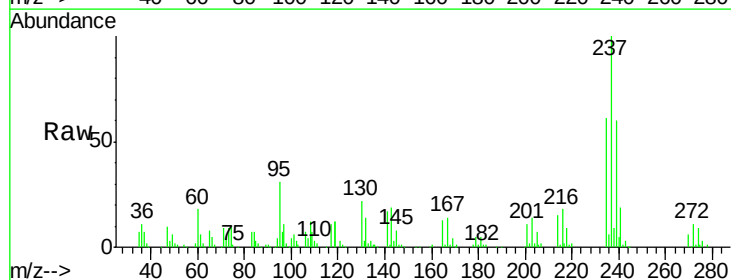
Tgt Ion:237 Resp: 157931

Ion Ratio Lower Upper

237 100

235 61.2 44.5 84.5

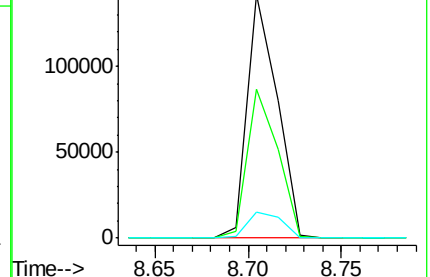
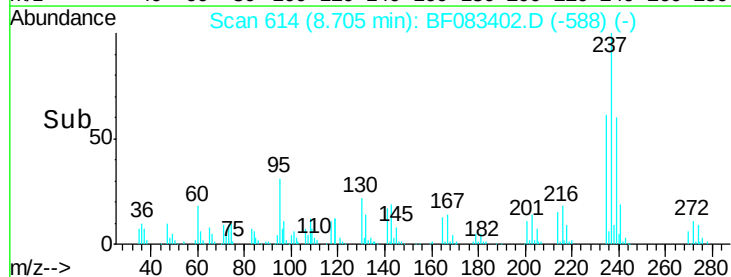
272 10.5 0.0 31.6

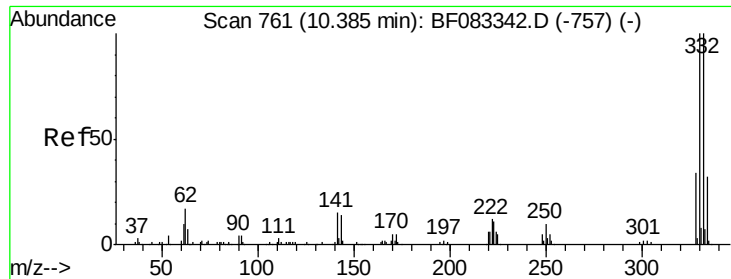


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

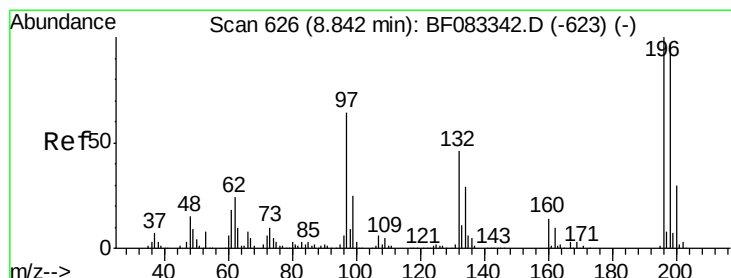
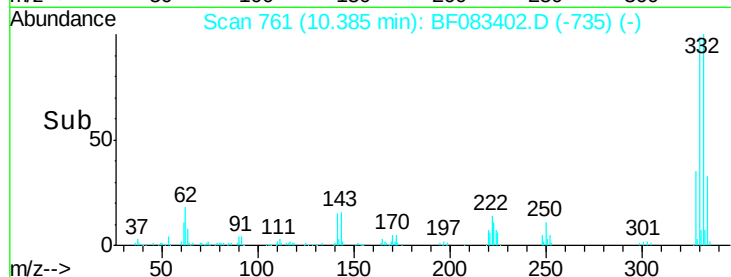
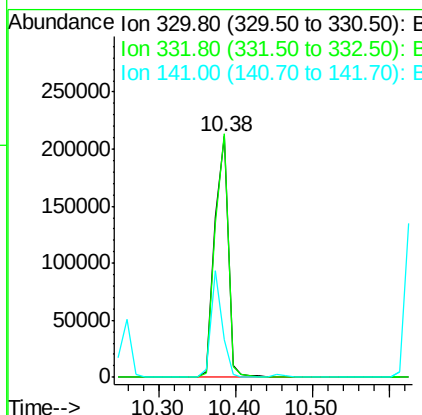
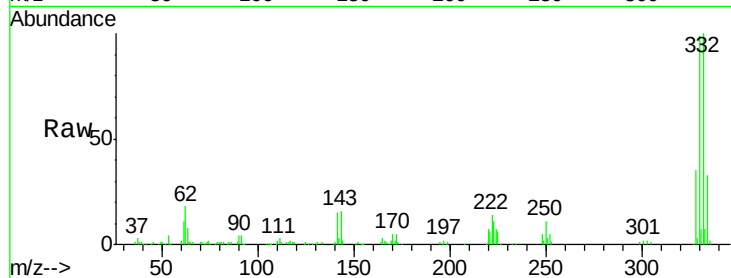




#41
 2,4,6-Tribromophenol
 Concen: 72.62 ng
 RT: 10.38 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

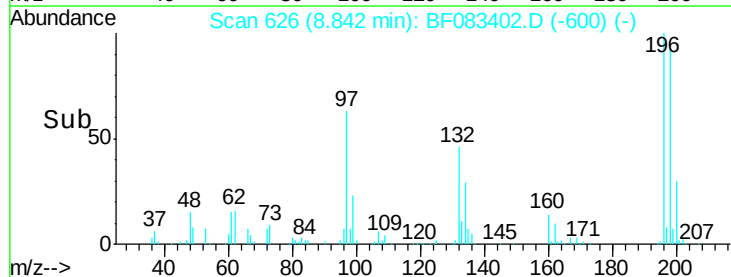
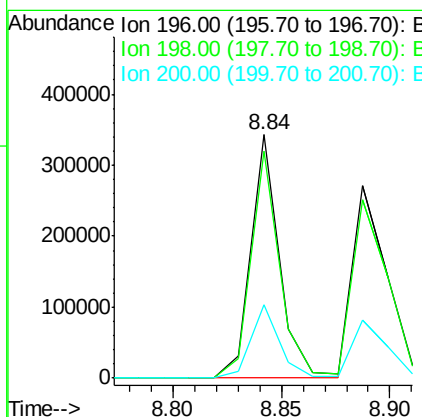
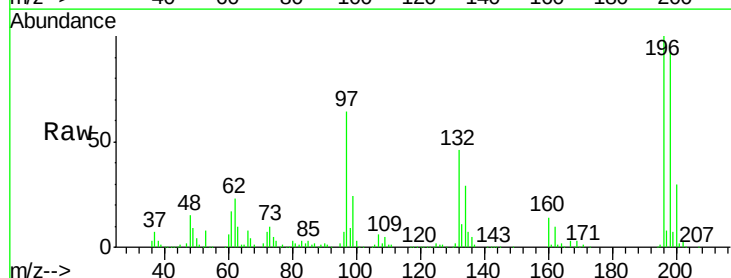
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

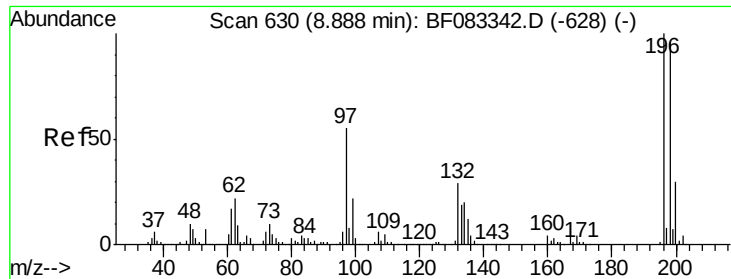
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.8	116.6
141	36.4	29.4	44.0



#42
 2,4,6-Trichlorophenol
 Concen: 39.73 ng
 RT: 8.84 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.0	77.2	115.8
200	30.1	24.2	36.4

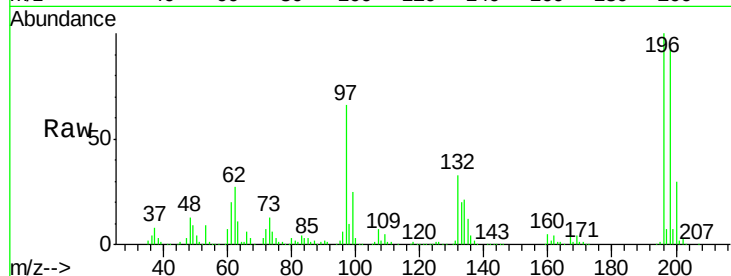




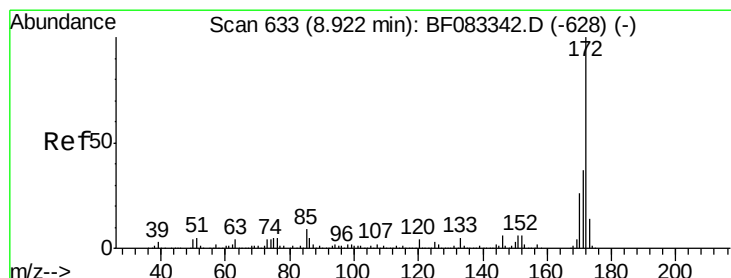
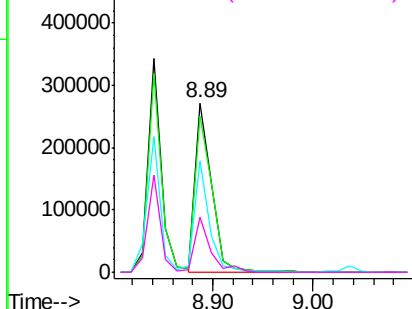
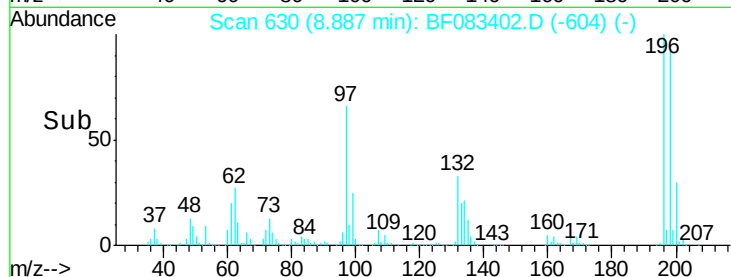
#43
 2,4,5-Trichlorophenol
 Concen: 37.47 ng
 RT: 8.89 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196	Resp:	306290
Ion	Ratio	Lower Upper
196	100	
198	92.4	77.2 115.8
97	65.6	44.4 66.6
132	32.8	23.2 34.8

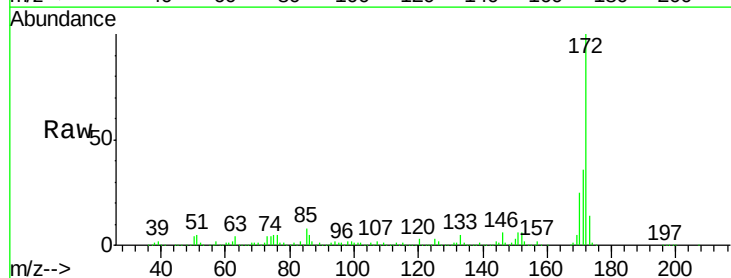


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

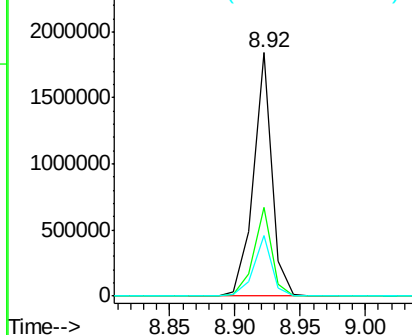
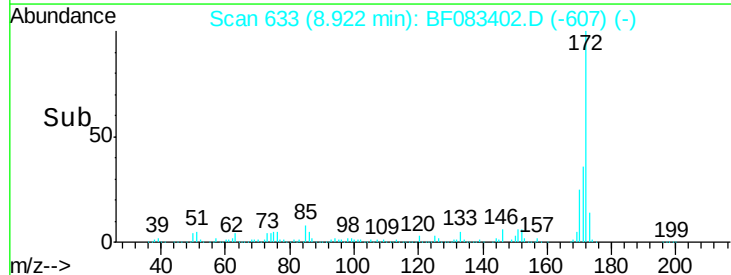


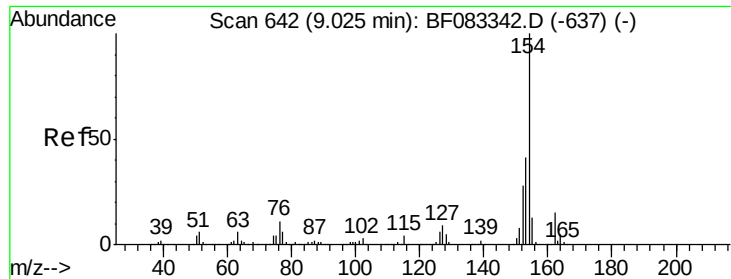
#44
 2-Fluorobiphenyl
 Concen: 72.77 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Tgt Ion:172	Resp:	1811969
Ion	Ratio	Lower Upper
172	100	
171	36.5	29.4 44.0
170	24.8	20.4 30.6



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



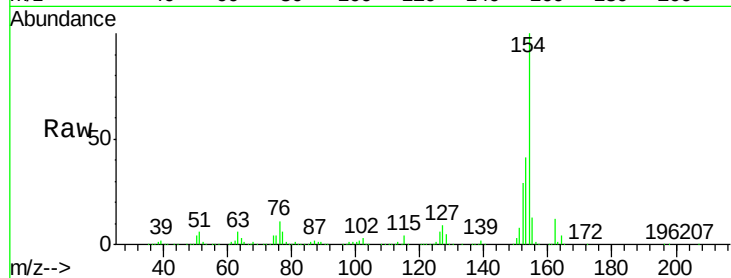


#45
 1,1'-Biphenyl
 Concen: 37.26 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

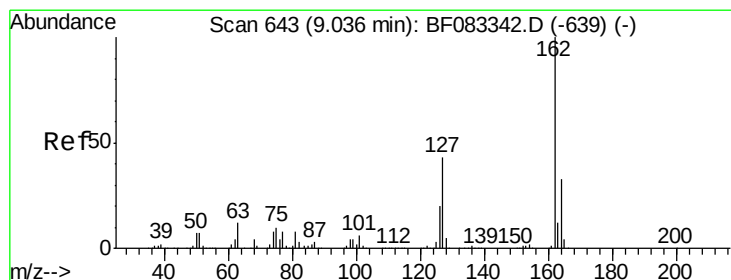
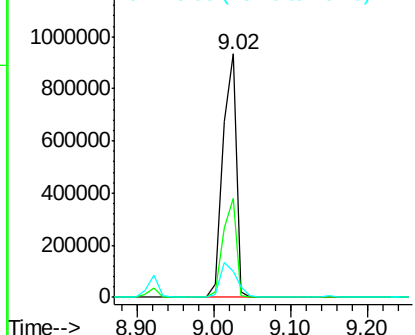
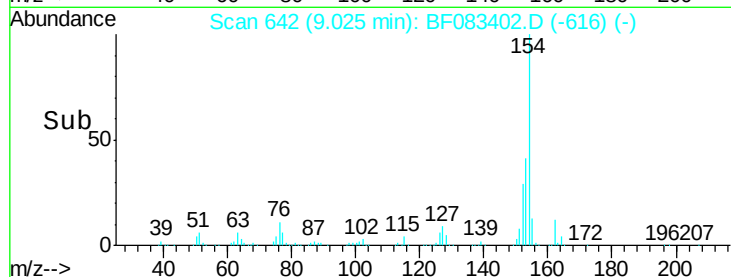
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 1159483

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.6	60.6
76	10.9	0.0	30.5



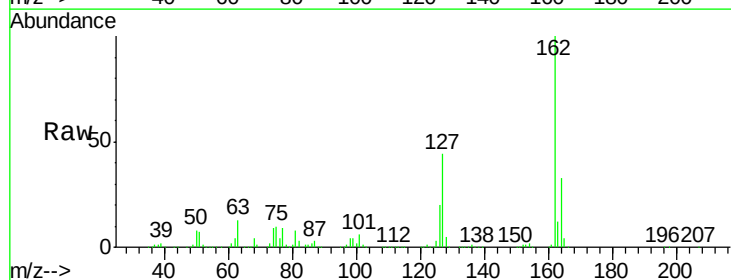
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



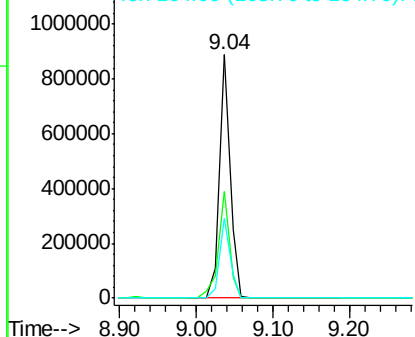
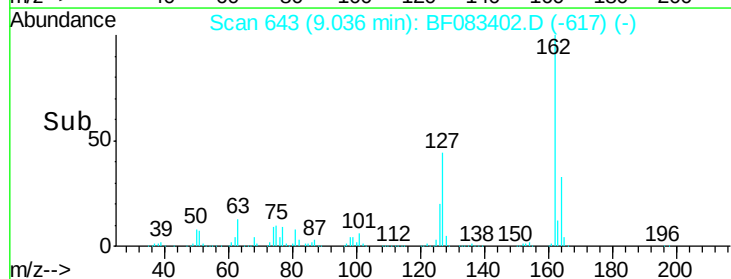
#46
 2-Chloronaphthalene
 Concen: 36.60 ng
 RT: 9.04 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

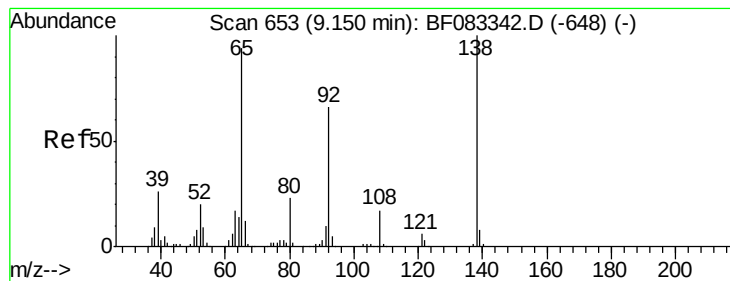
Tgt Ion:162 Resp: 867929

Ion	Ratio	Lower	Upper
162	100		
127	43.7	34.1	51.1
164	32.7	26.6	39.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.53 ng

RT: 9.15 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

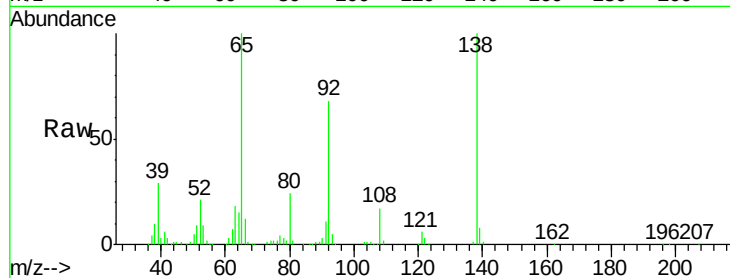
Tot Ion: 65 Resp: 380665

Ion Ratio Lower Upper

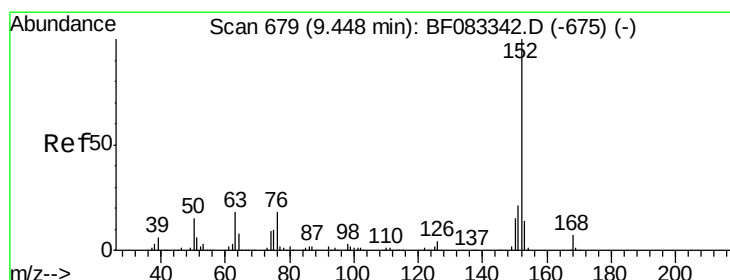
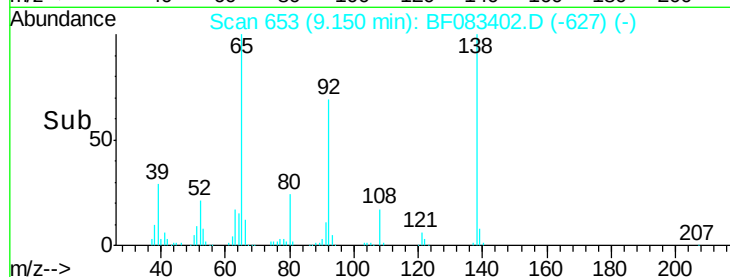
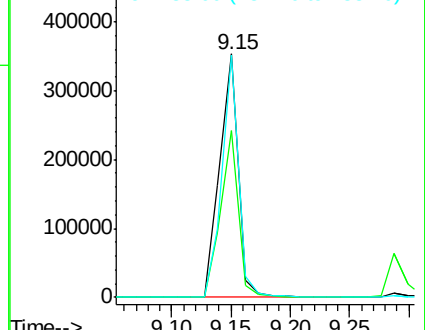
65 100

92 68.5 56.2 84.4

138 99.6 85.4 128.0



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): BF0



#48

Acenaphthylene

Concen: 36.52 ng

RT: 9.45 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

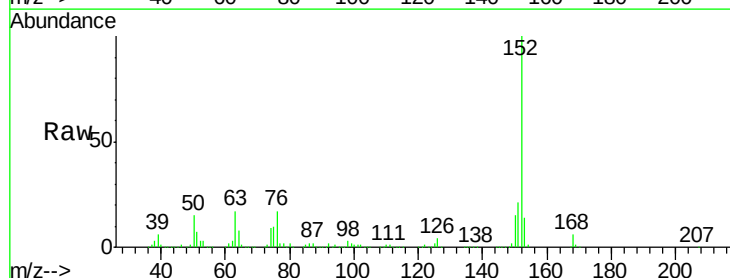
Tgt Ion: 152 Resp: 1381356

Ion Ratio Lower Upper

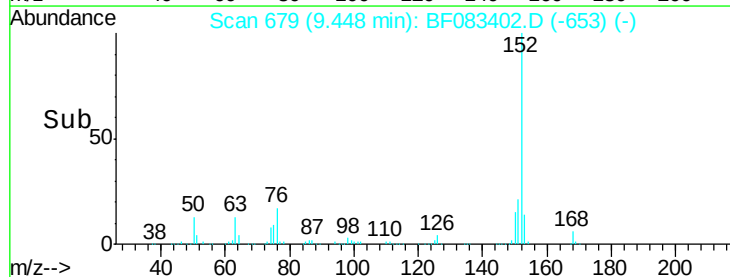
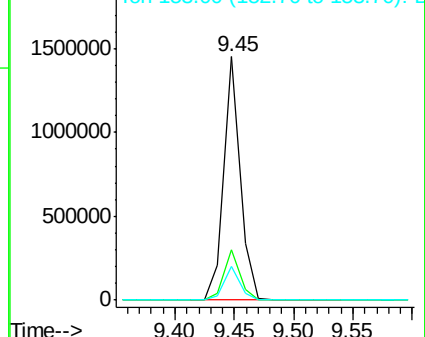
152 100

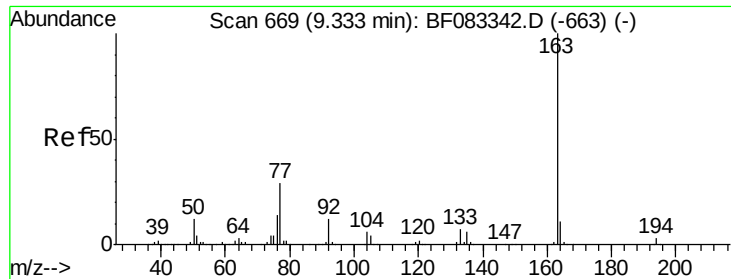
151 20.8 16.7 25.1

153 14.1 11.2 16.8



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: 35.99 ng

RT: 9.33 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

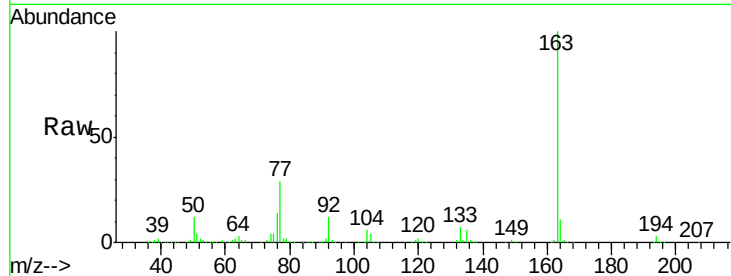
Tot Ion:163 Resp: 1037996

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

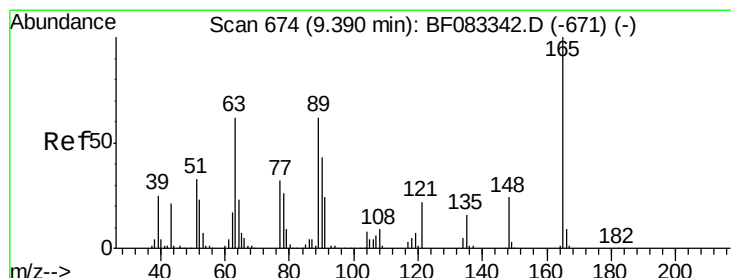
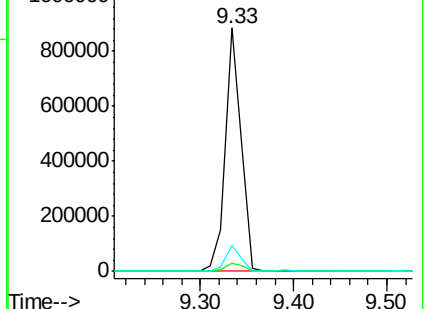
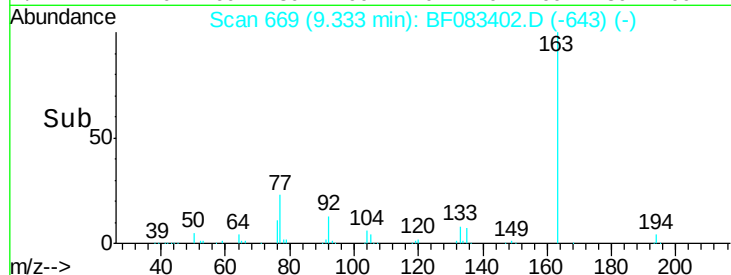
164 10.8 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.85 ng

RT: 9.39 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

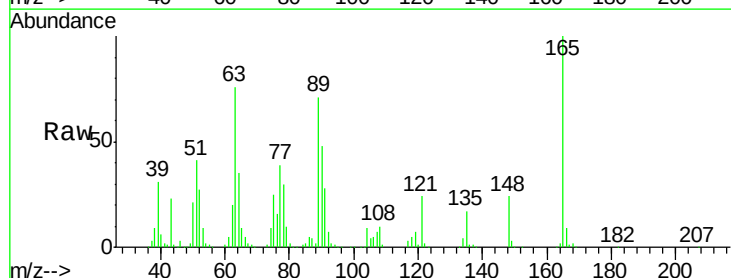
Tgt Ion:165 Resp: 226961

Ion Ratio Lower Upper

165 100

63 76.4 56.0 84.0

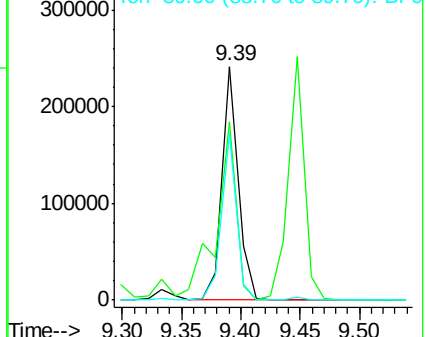
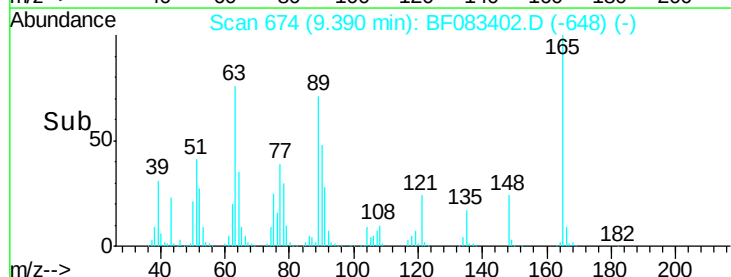
89 71.3 49.8 74.8

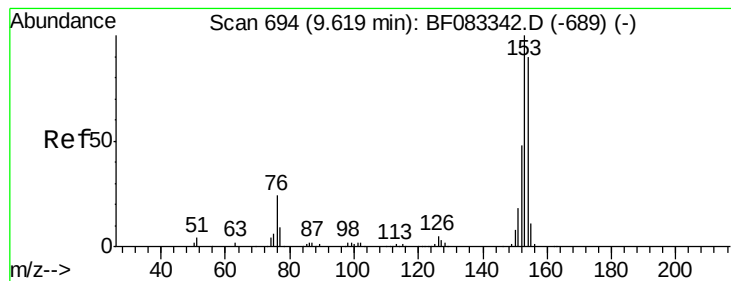


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.96 ng

RT: 9.62 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

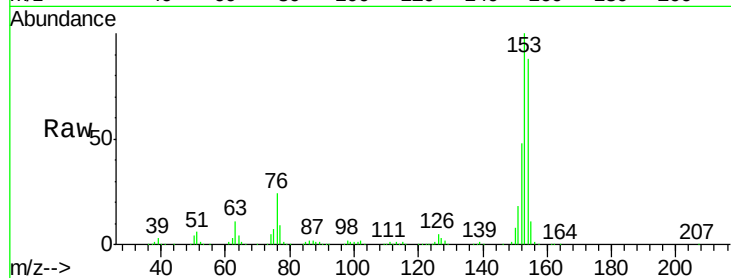
Tot Ion:154 Resp: 800058

Ion Ratio Lower Upper

154 100

153 113.0 89.3 133.9

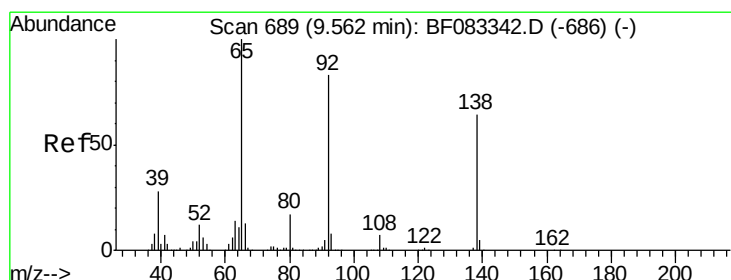
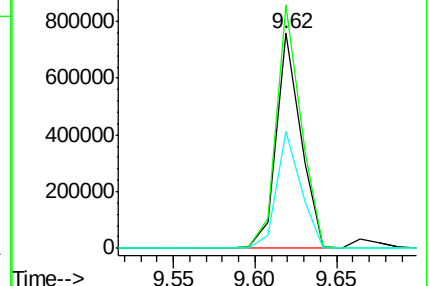
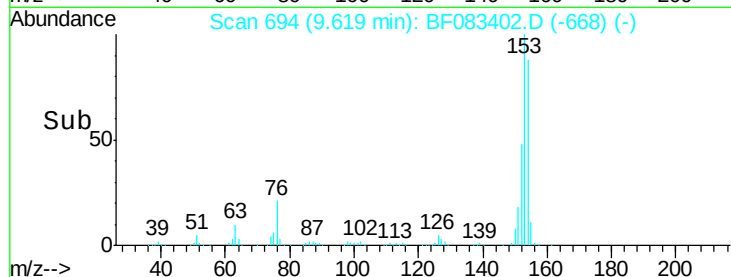
152 54.1 42.5 63.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.84 ng

RT: 9.56 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

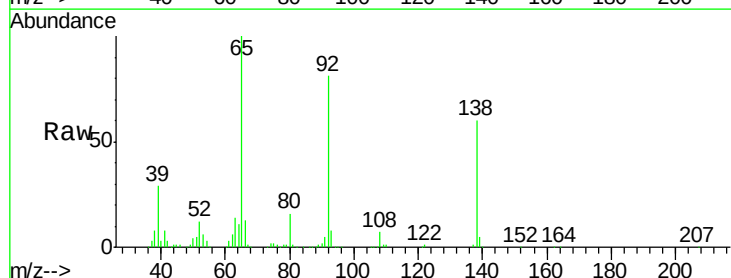
Tgt Ion:138 Resp: 265896

Ion Ratio Lower Upper

138 100

108 11.0 8.4 12.6

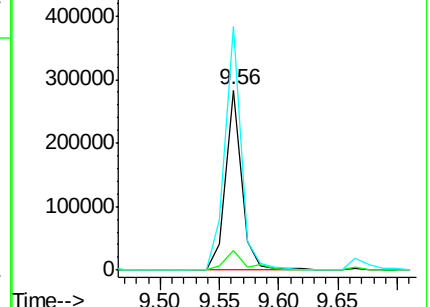
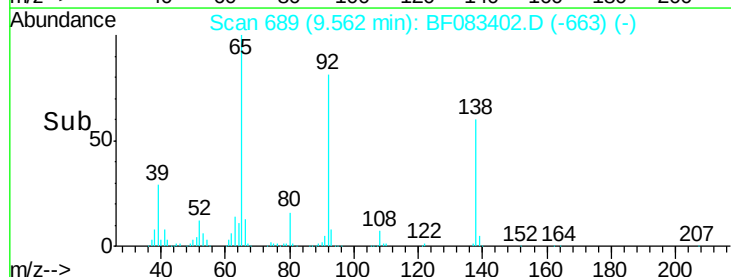
92 135.2 104.2 156.4

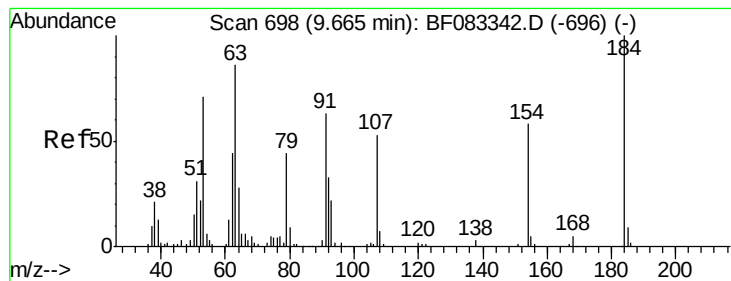


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 22.71 ng

RT: 9.66 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

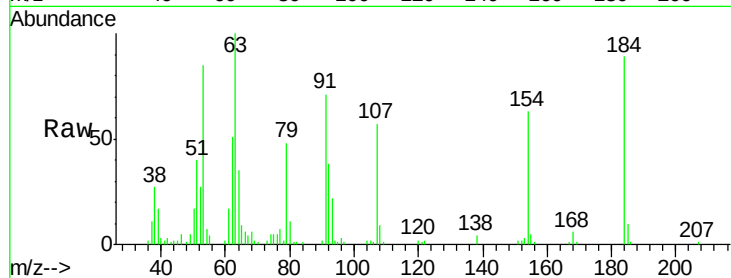
Tot Ion:184 Resp: 69579

Ion Ratio Lower Upper

184 100

63 112.2 69.0 103.6#

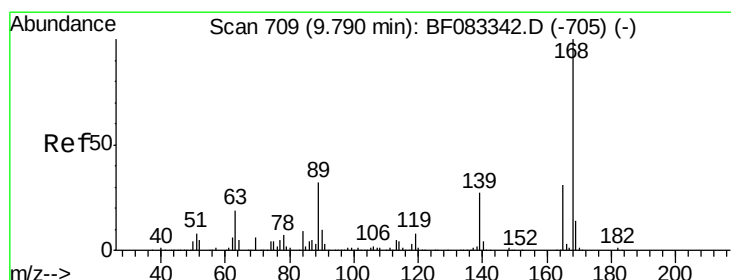
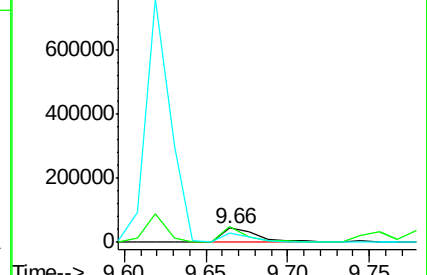
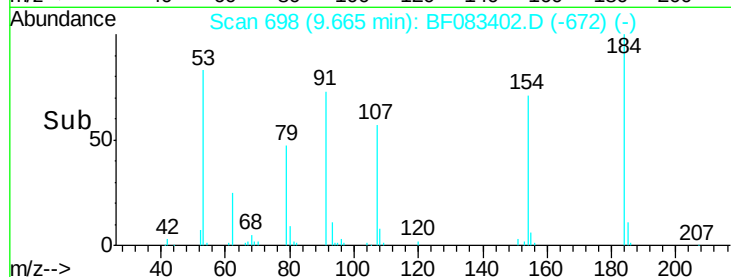
154 70.6 50.0 75.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 35.43 ng

RT: 9.79 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

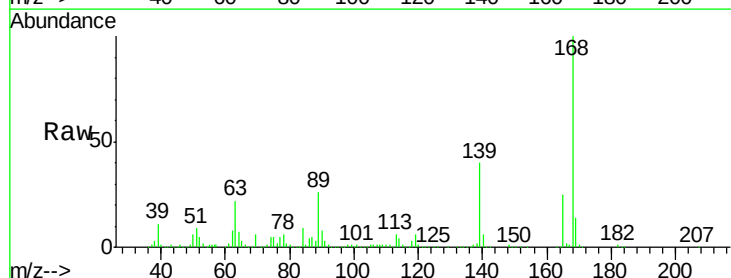
Tgt Ion:168 Resp: 1154994

Ion Ratio Lower Upper

168 100

139 40.0 32.7 49.1

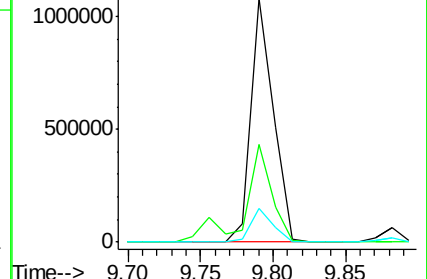
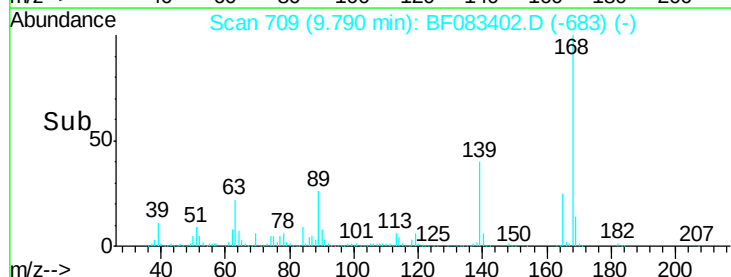
169 14.0 11.1 16.7

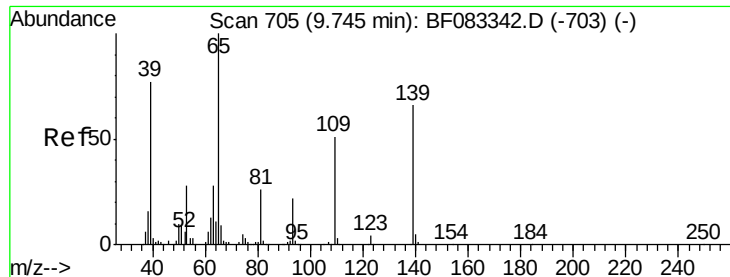


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

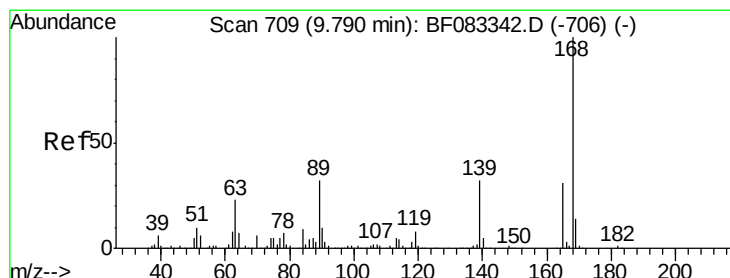
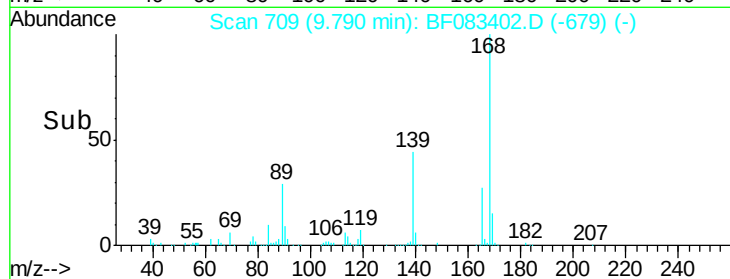
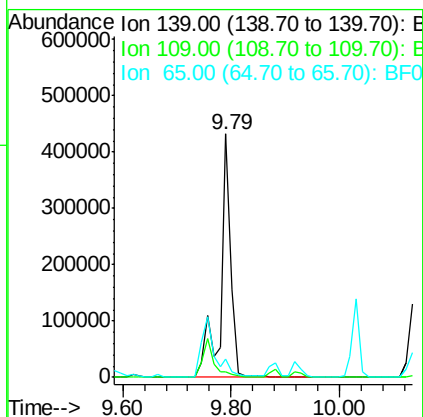
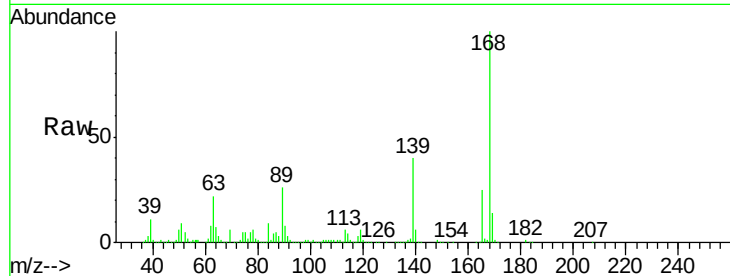




#55
4-Nitrophenol
Concen: 127.36 ng
RT: 9.79 min Scan# 709
Delta R.T. 0.05 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

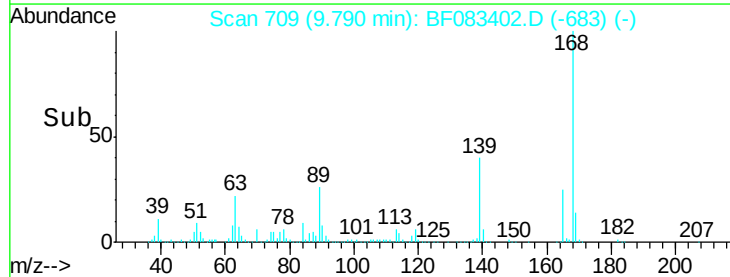
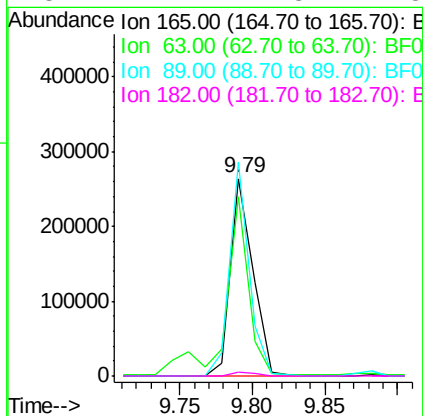
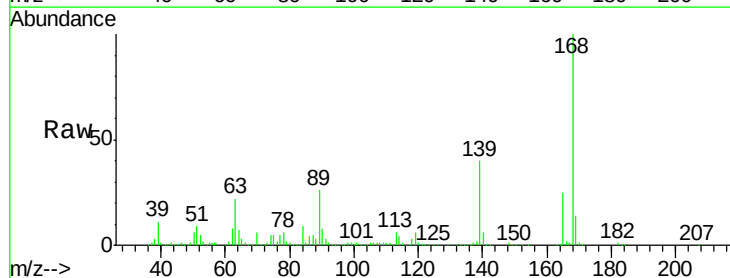
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

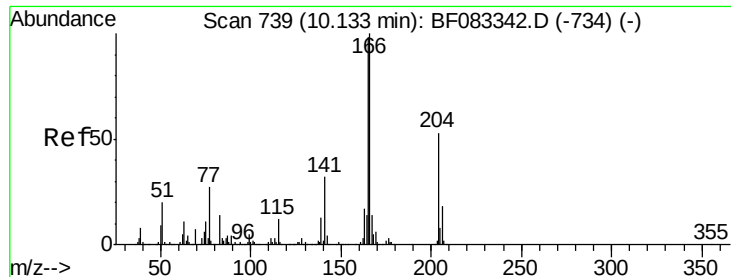
Tot Ion:139 Resp: 575016
Ion Ratio Lower Upper
139 100
109 2.3 57.4 97.4#
65 7.7 131.6 171.6#



#56
2,4-Dinitrotoluene
Concen: 36.24 ng
RT: 9.79 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Tgt Ion:165 Resp: 283159
Ion Ratio Lower Upper
165 100
63 90.5 65.4 98.0
89 108.0 81.2 121.8
182 2.2 1.8 2.8

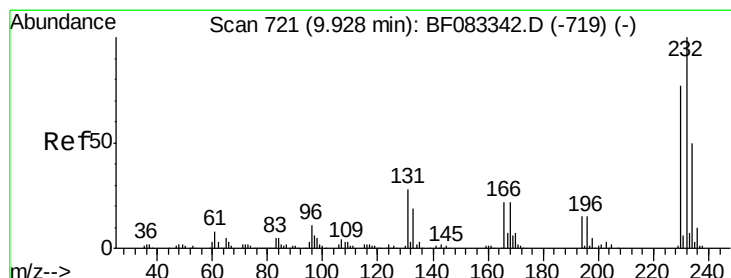
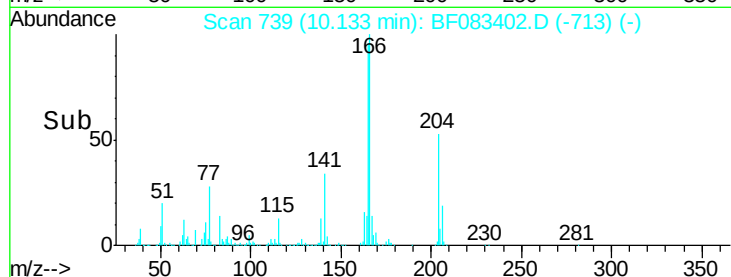
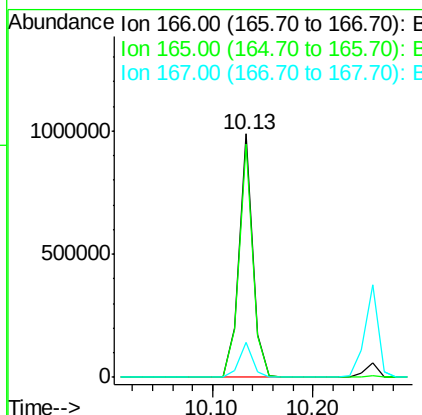
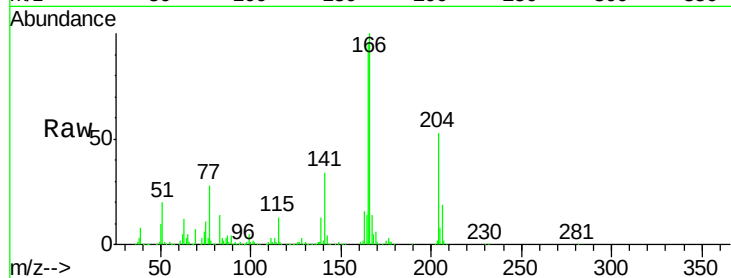




#57
 Fluorene
 Concen: 36.61 ng
 RT: 10.13 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

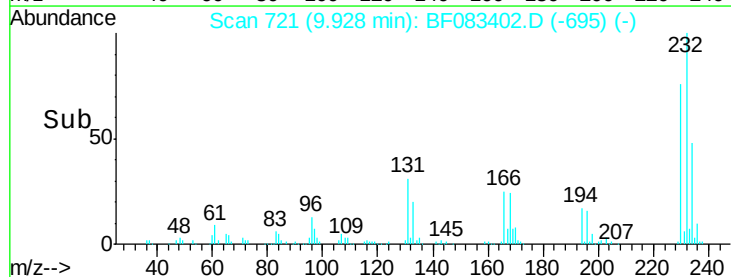
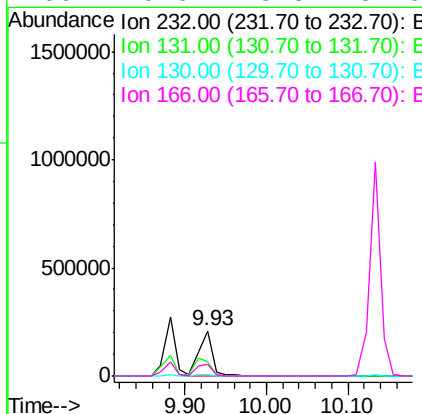
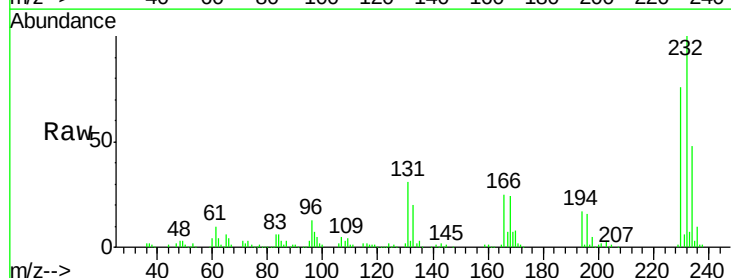
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

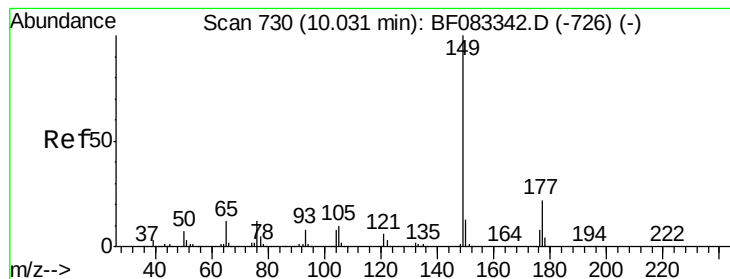
Tot Ion:166 Resp: 942475
 Ion Ratio Lower Upper
 166 100
 165 95.7 78.3 117.5
 167 14.3 11.1 16.7



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.83 ng
 RT: 9.93 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Tgt Ion:232 Resp: 242946
 Ion Ratio Lower Upper
 232 100
 131 44.3 35.4 53.2
 130 2.0 1.7 2.5
 166 29.6 23.3 34.9





#59

Diethylphthalate

Concen: 38.44 ng

RT: 10.03 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

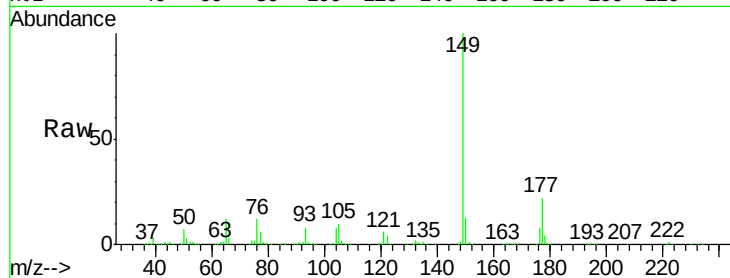
Tot Ion:149 Resp: 1056715

Ion Ratio Lower Upper

149 100

177 22.0 17.4 26.2

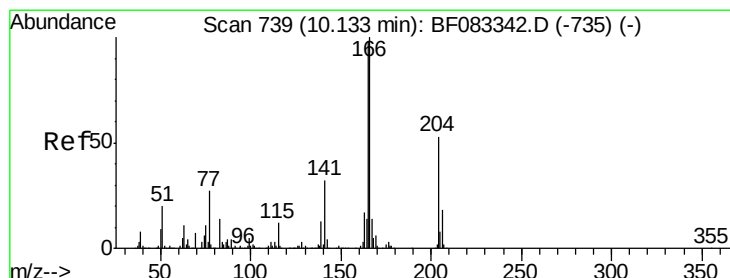
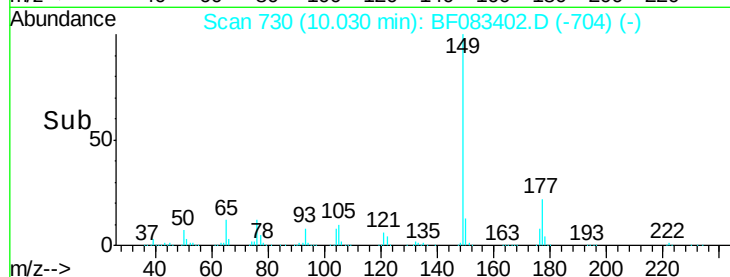
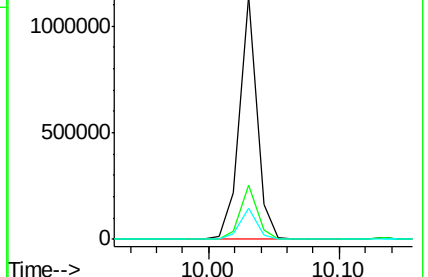
150 13.0 10.4 15.6



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: 38.08 ng

RT: 10.13 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

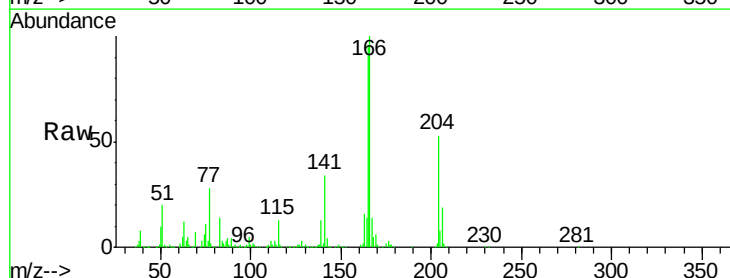
Tgt Ion:204 Resp: 450492

Ion Ratio Lower Upper

204 100

206 35.1 27.5 41.3

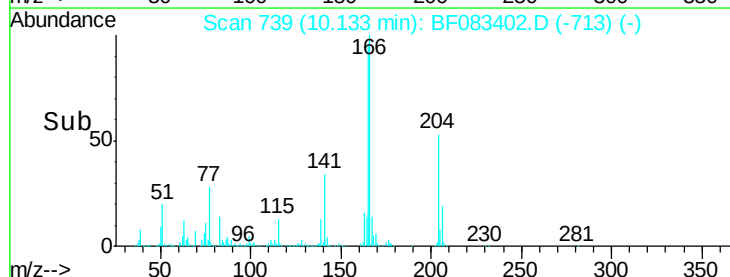
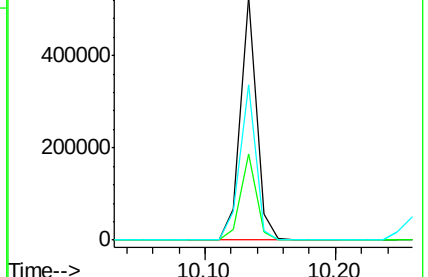
141 63.8 48.1 72.1

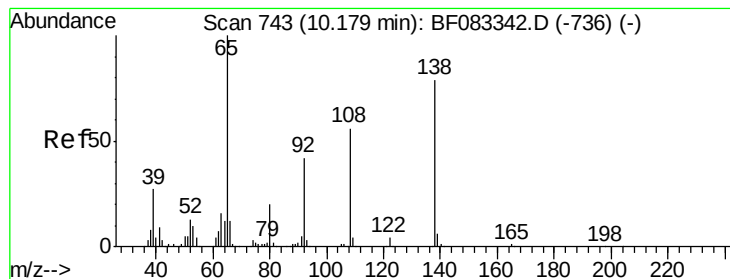


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.18 ng

RT: 10.18 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

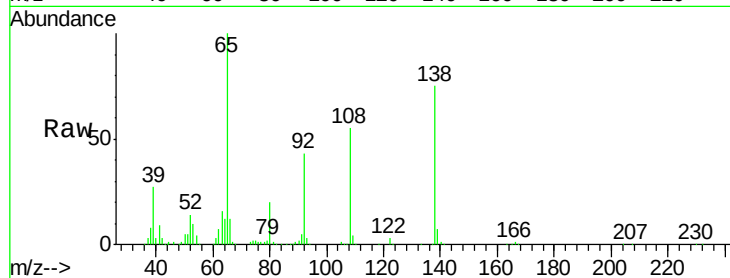
Tot Ion:138 Resp: 290189

Ion Ratio Lower Upper

138 100

92 56.7 33.6 73.6

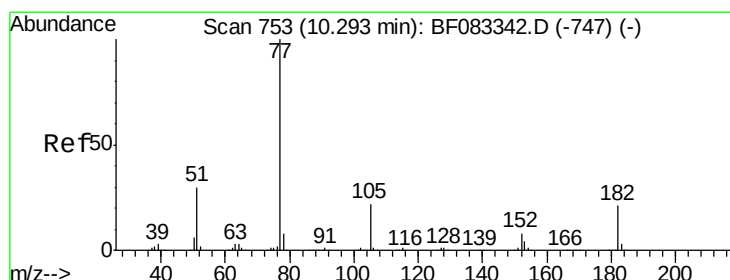
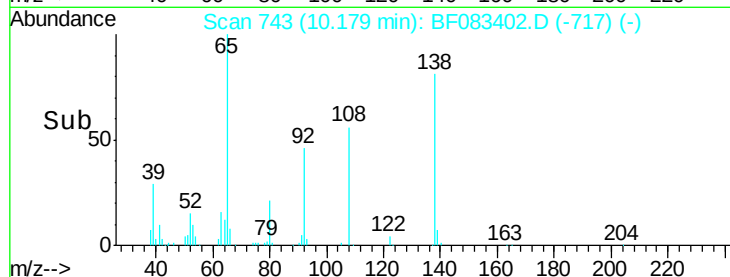
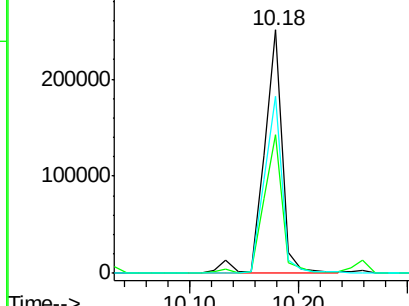
108 72.6 51.0 91.0



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: 40.05 ng

RT: 10.29 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Tgt Ion: 77 Resp: 1329762

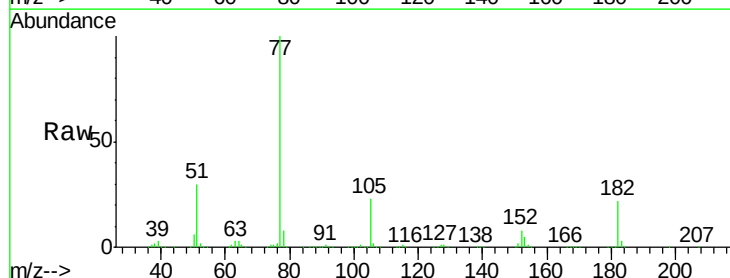
Ion Ratio Lower Upper

77 100

182 22.4 0.8 40.8

105 23.1 2.3 42.3

51 30.1 10.6 50.6

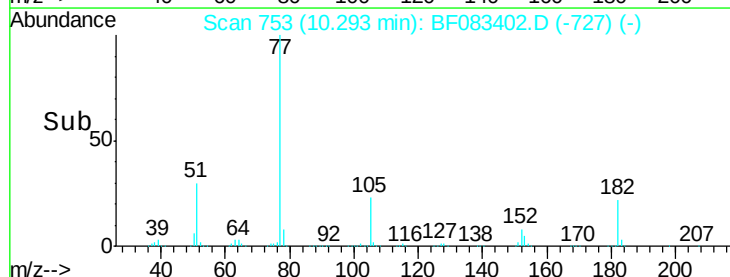
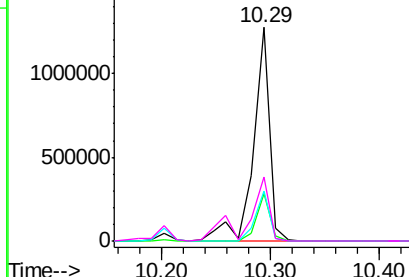


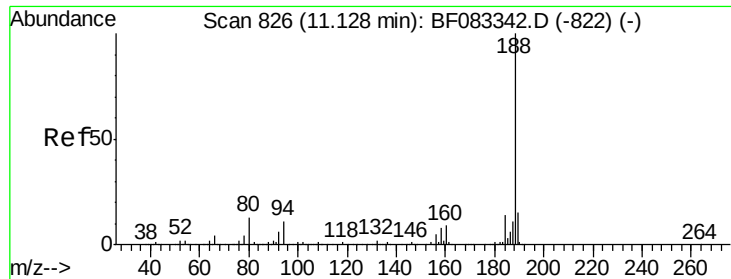
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.13 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

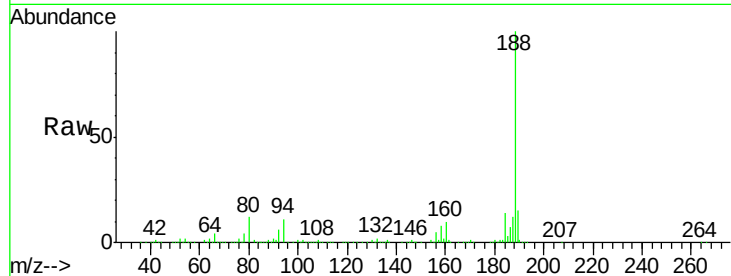
Tot Ion:188 Resp: 682547

Ion Ratio Lower Upper

188 100

94 10.6 8.7 13.1

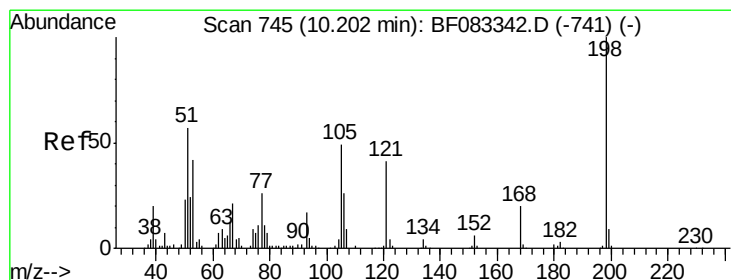
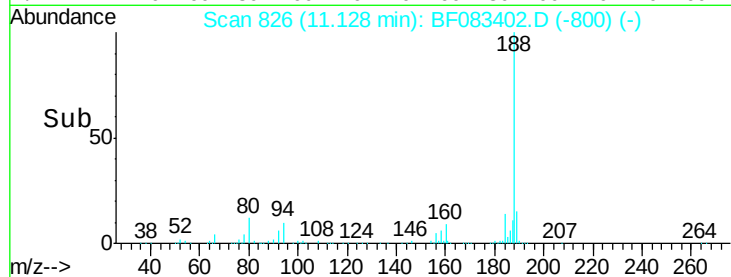
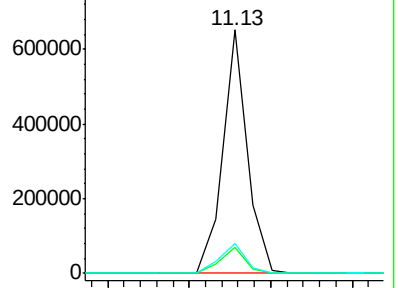
80 12.0 10.3 15.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 29.34 ng

RT: 10.20 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

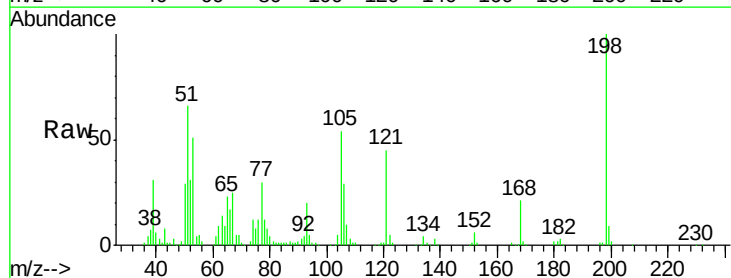
Tgt Ion:198 Resp: 134472

Ion Ratio Lower Upper

198 100

51 66.1 38.3 78.3

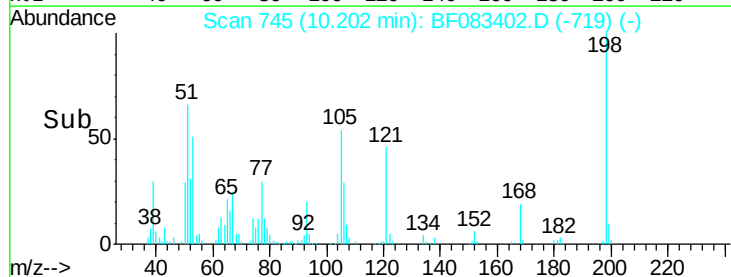
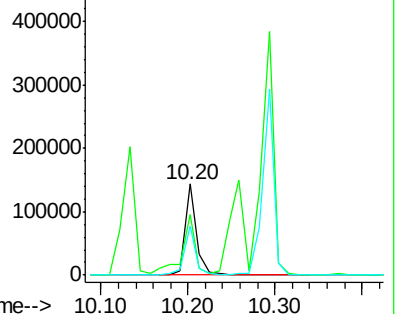
105 54.1 29.2 69.2

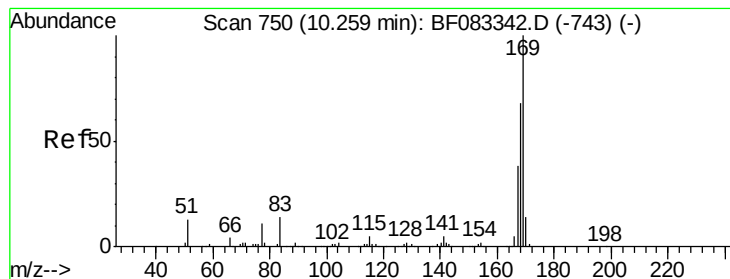


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.62 ng

RT: 10.26 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

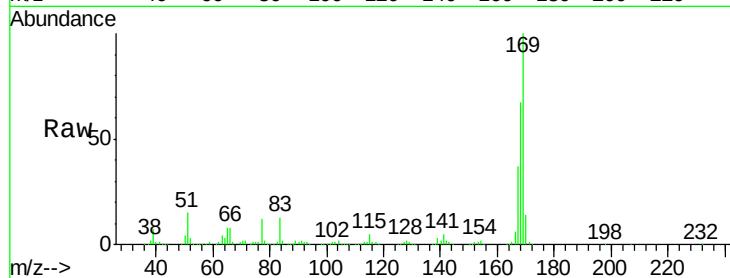
Tot Ion:169 Resp: 950375

Ion Ratio Lower Upper

169 100

168 67.3 54.8 82.2

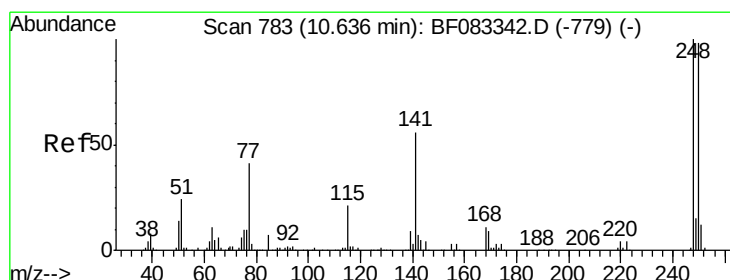
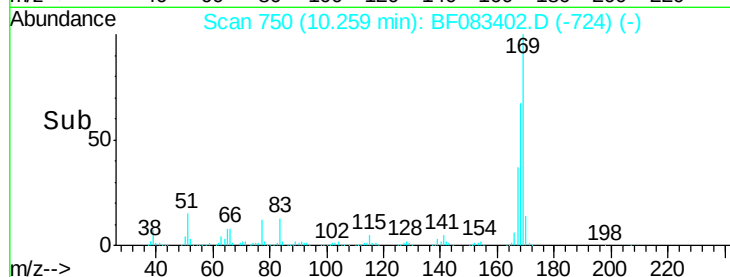
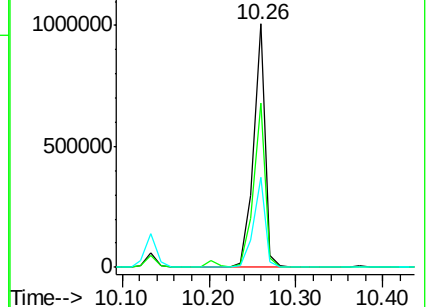
167 37.2 30.2 45.2



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: 39.44 ng

RT: 10.64 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

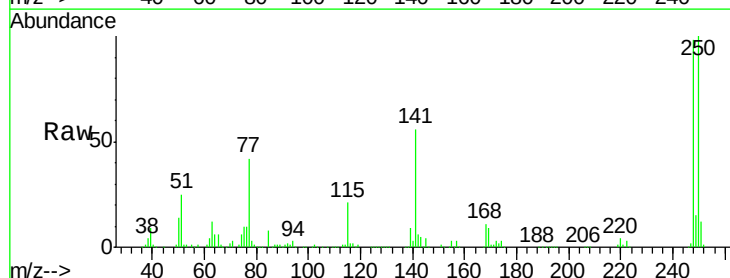
Tgt Ion:248 Resp: 294478

Ion Ratio Lower Upper

248 100

250 102.0 78.6 118.0

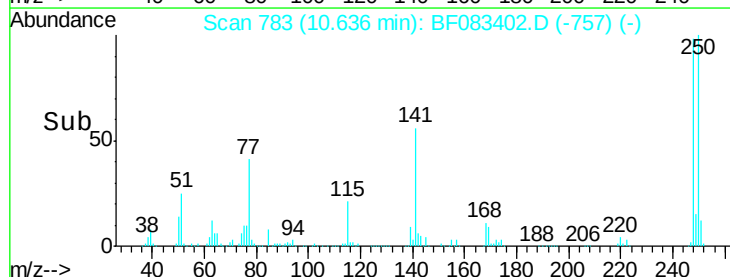
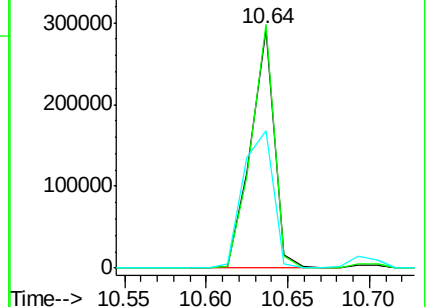
141 57.5 44.4 66.6

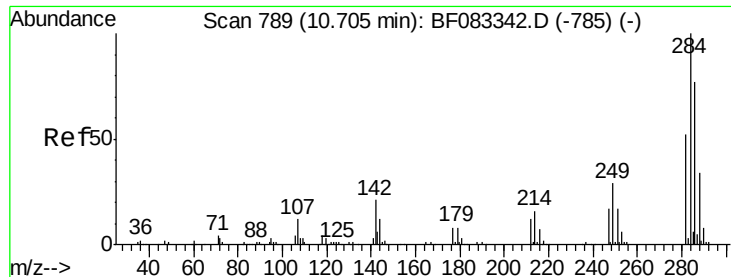


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.22 ng

RT: 10.70 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

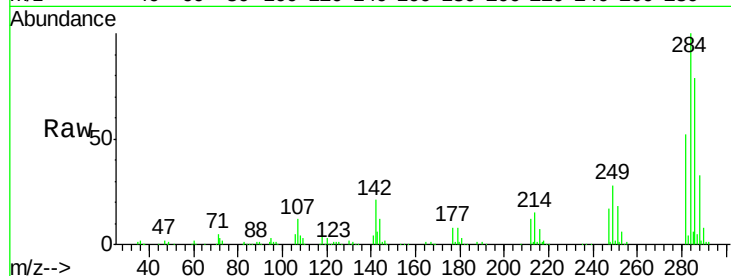
Tot Ion:284 Resp: 323760

Ion Ratio Lower Upper

284 100

142 20.8 16.6 24.8

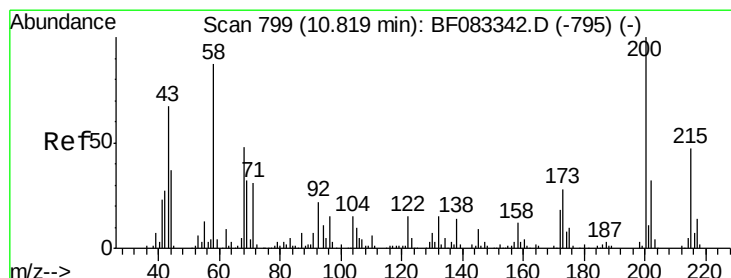
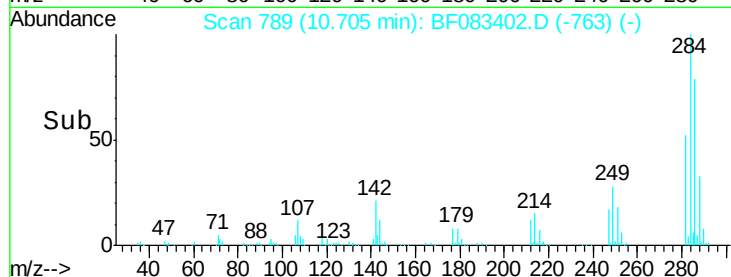
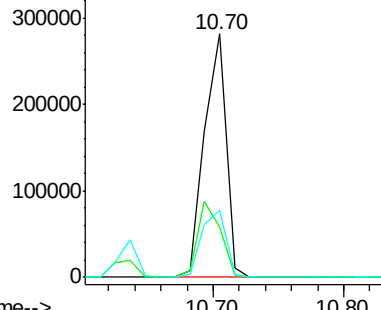
249 27.6 23.0 34.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.11 ng

RT: 10.82 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

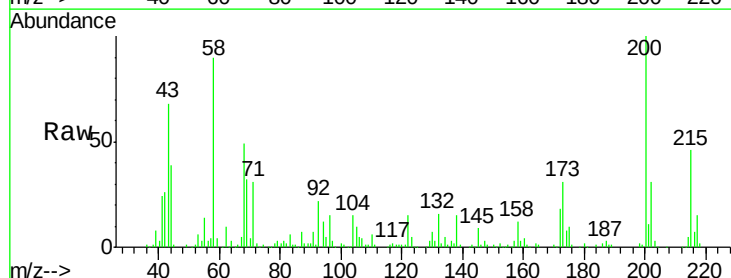
Tgt Ion:200 Resp: 252826

Ion Ratio Lower Upper

200 100

173 30.6 8.3 48.3

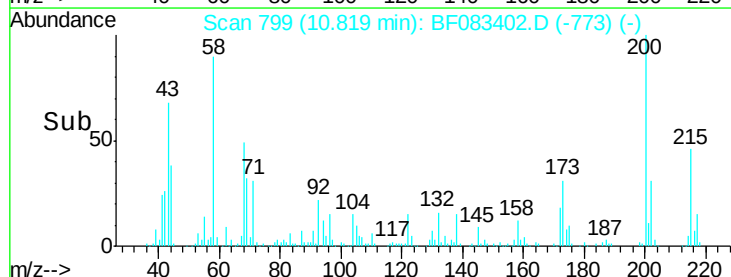
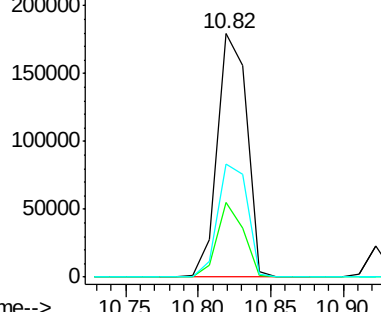
215 46.3 26.7 66.7

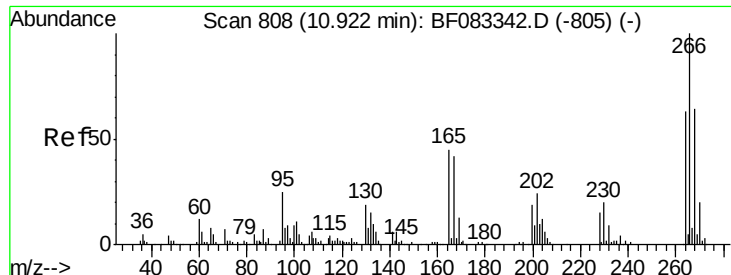


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

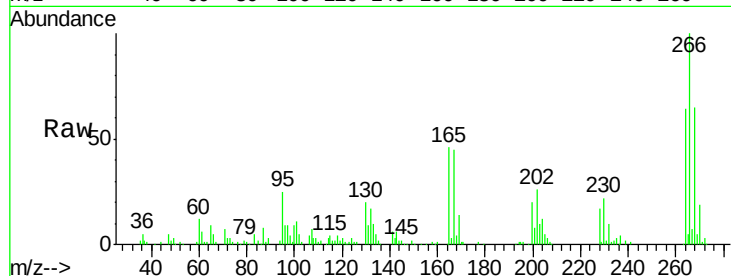




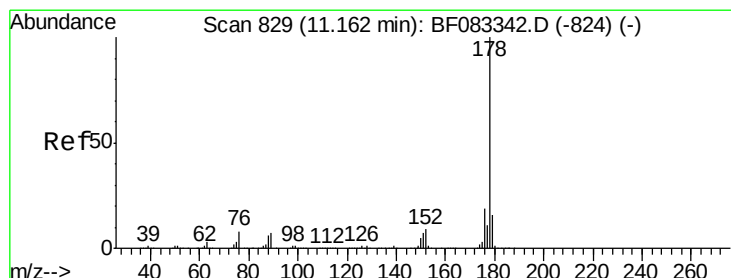
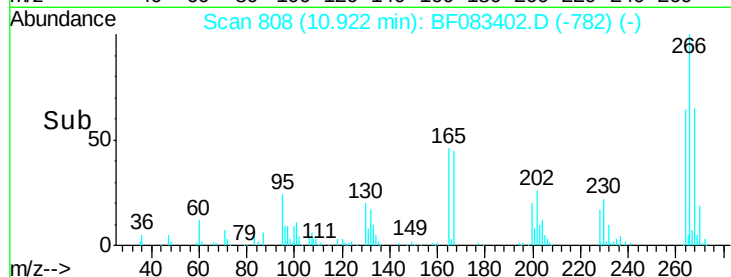
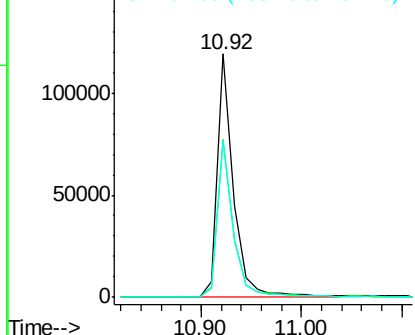
#69
 Pentachlorophenol
 Concen: 30.95 ng
 RT: 10.92 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 133830
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.5 77.3
 264 64.2 50.4 75.6

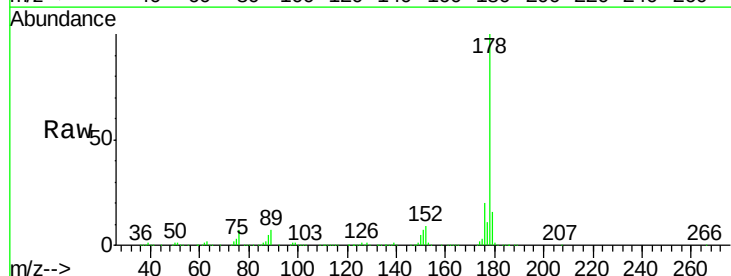


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

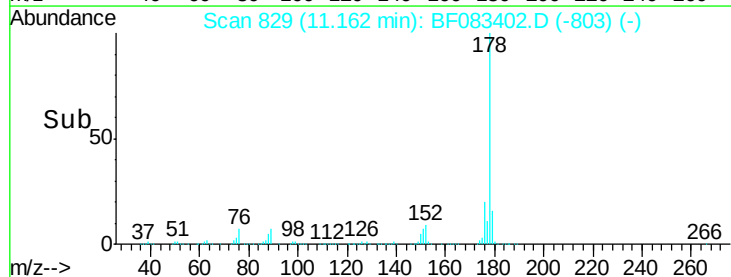
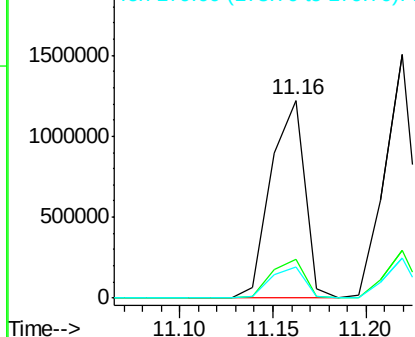


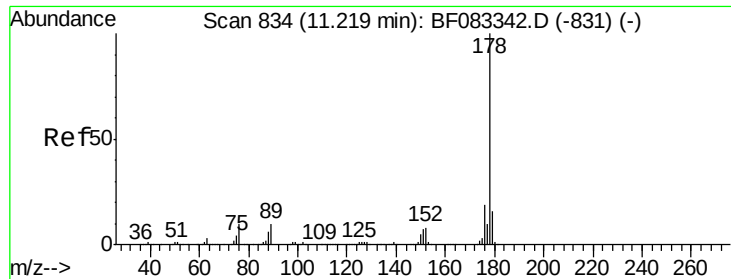
#70
 Phenanthrene
 Concen: 38.26 ng
 RT: 11.16 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Tgt Ion:178 Resp: 1545438
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.3 22.9
 179 15.7 12.4 18.6



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

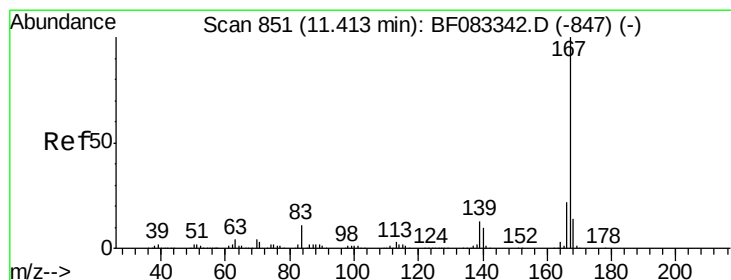
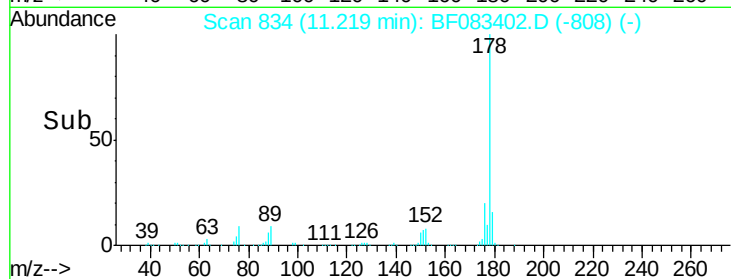
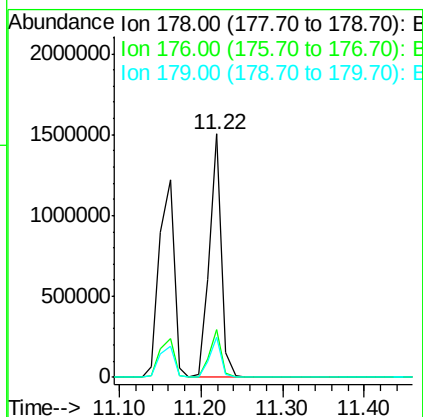
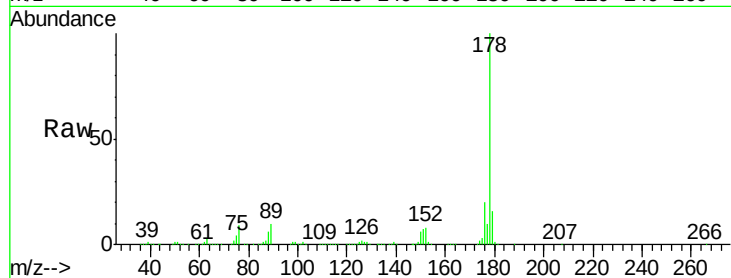




#71
 Anthracene
 Concen: 38.95 ng
 RT: 11.22 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

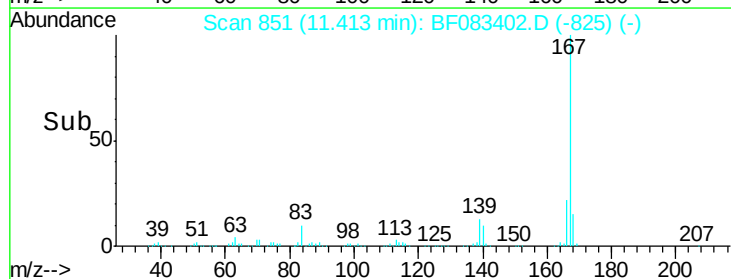
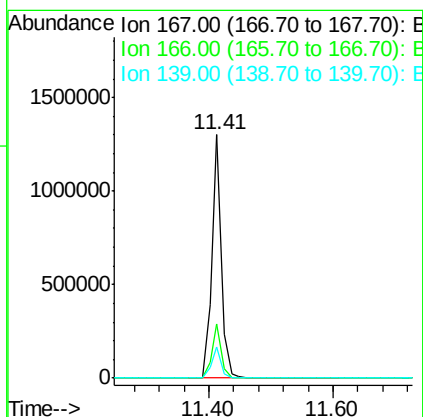
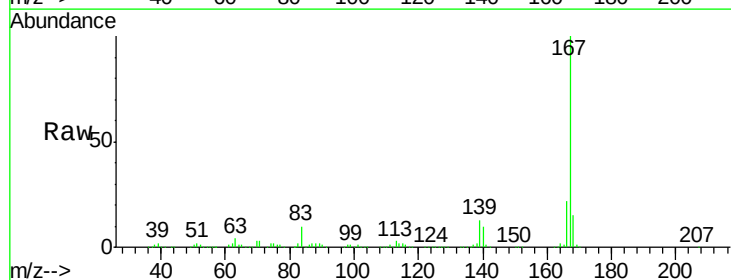
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

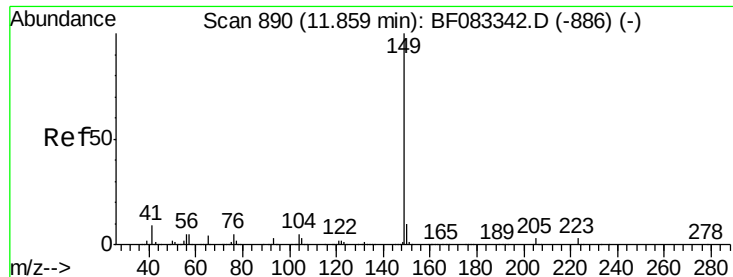
Tot Ion:178 Resp: 1583668
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 16.3 12.8 19.2



#72
 Carbazole
 Concen: 37.20 ng
 RT: 11.41 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Tgt Ion:167 Resp: 1358962
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 12.9 10.5 15.7





#73

Di-n-butylphthalate

Concen: 40.49 ng

RT: 11.86 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

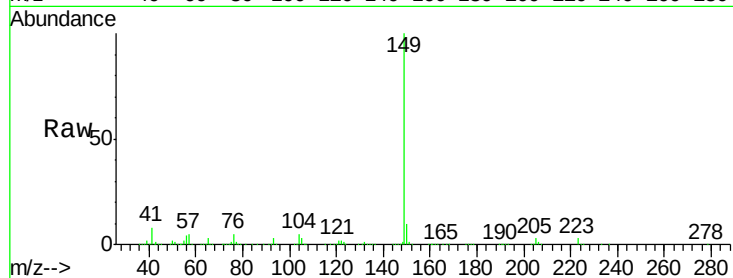
Tot Ion:149 Resp: 1753071

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

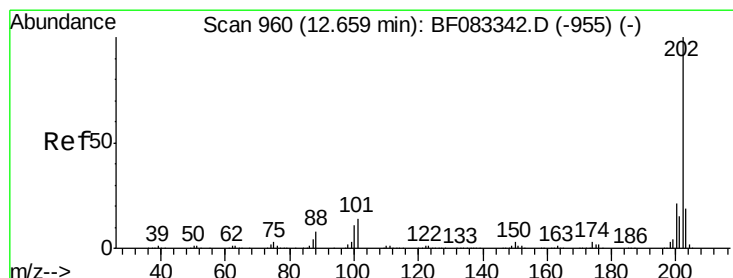
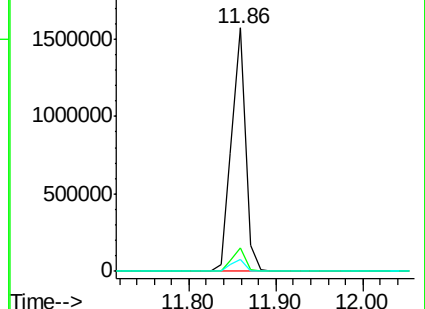
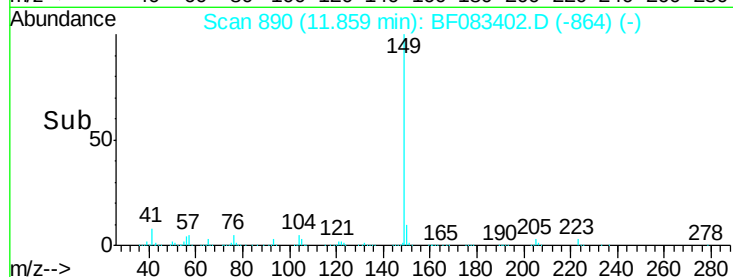
104 4.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.66 ng

RT: 12.66 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

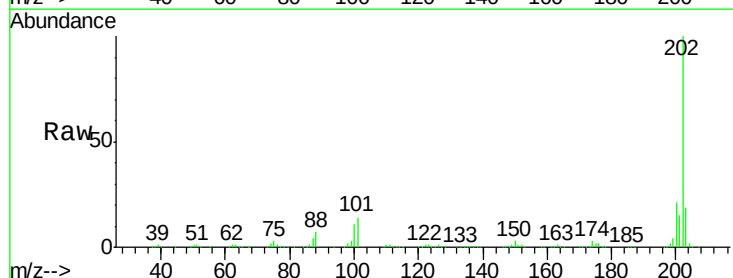
Tgt Ion:202 Resp: 1534896

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.5

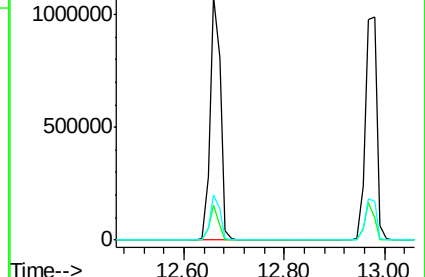
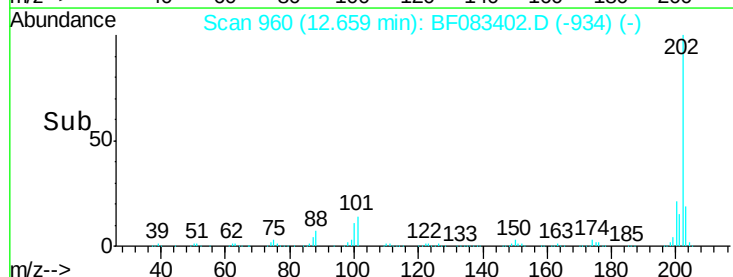
203 18.7 0.0 38.7

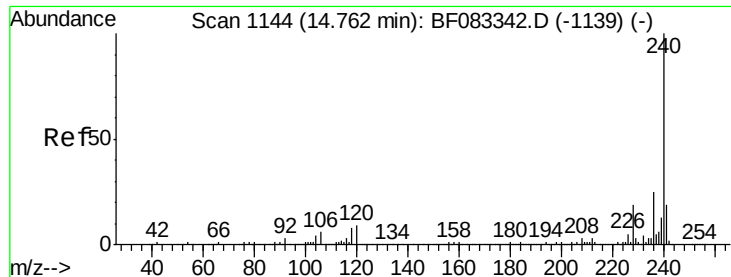


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

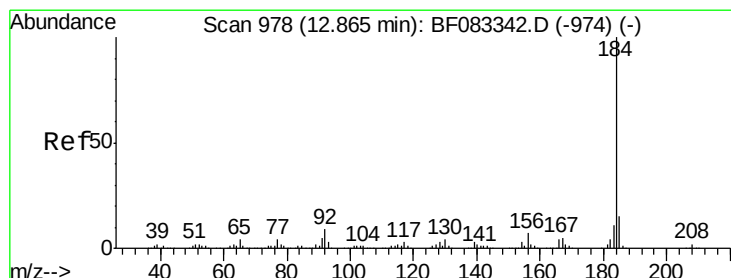
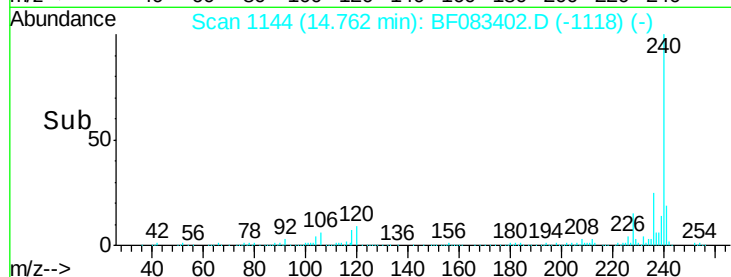
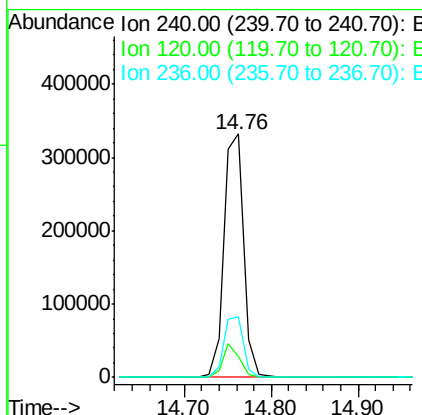
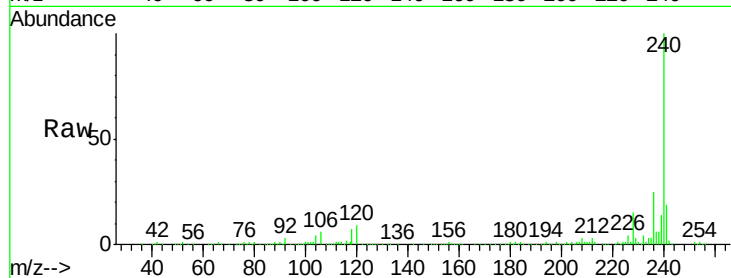




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.76 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

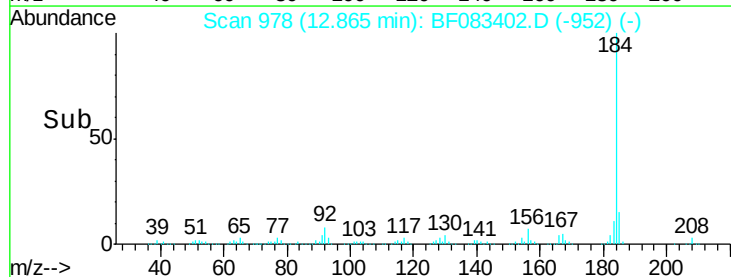
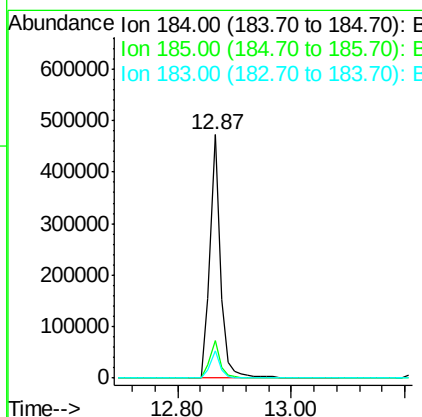
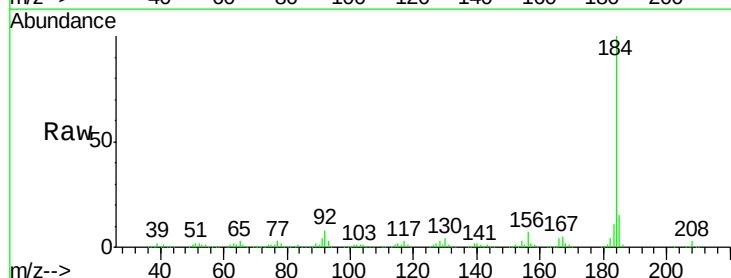
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

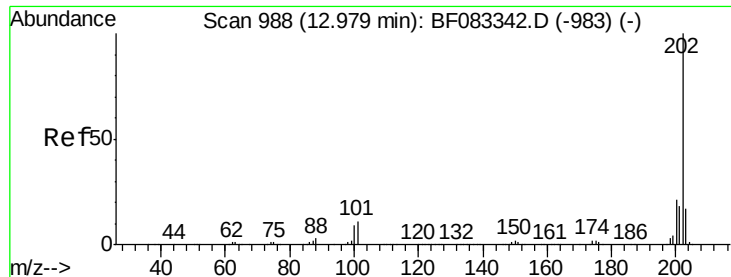
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.9	10.3
236	24.9	19.8	29.6



#76
 Benzidine
 Concen: 38.08 ng
 RT: 12.87 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.4	18.6
183	11.2	9.0	13.4

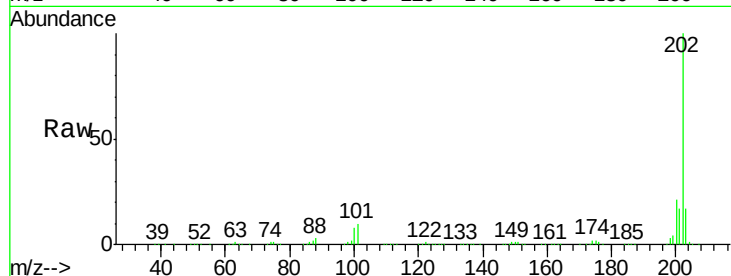




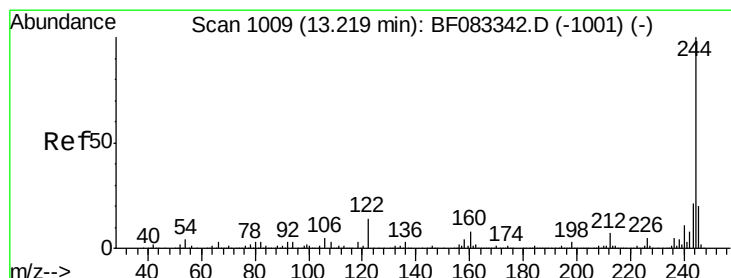
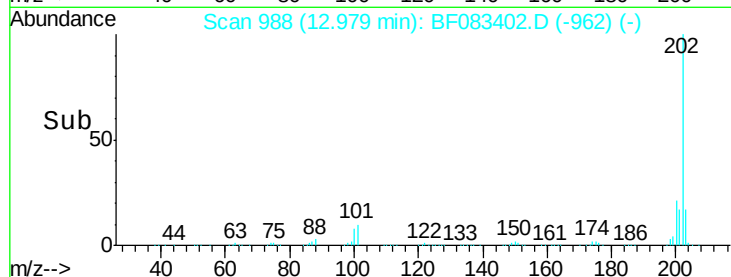
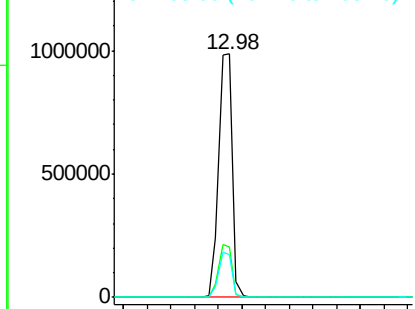
#77
Pvrene
Concen: 43.21 ng
RT: 12.98 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1576849
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.4 13.9 20.9

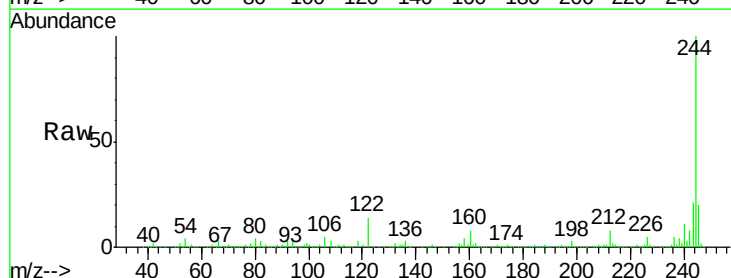


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

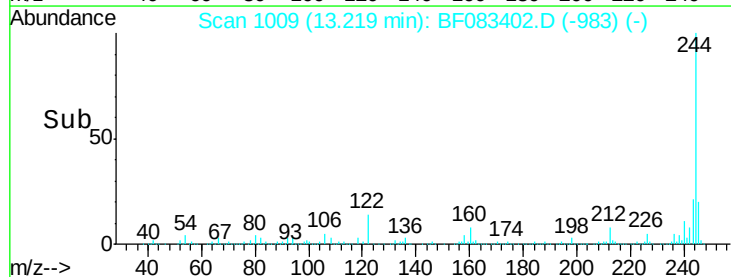
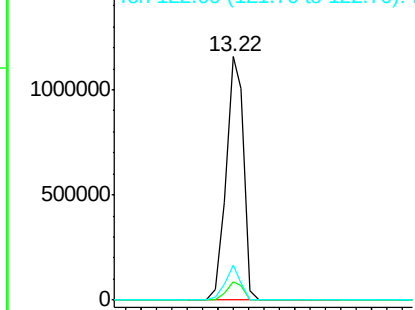


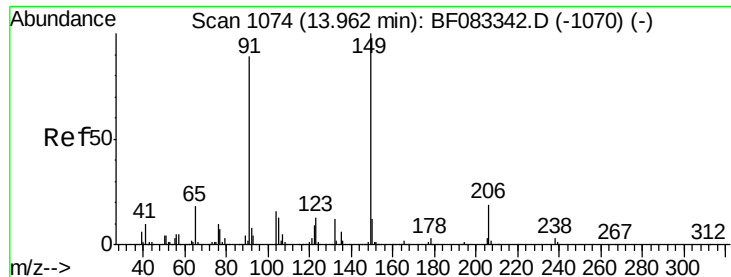
#78
Terphenyl-d14
Concen: 85.62 ng
RT: 13.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Tgt Ion:244 Resp: 1876215
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.8
122 14.2 11.0 16.4



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

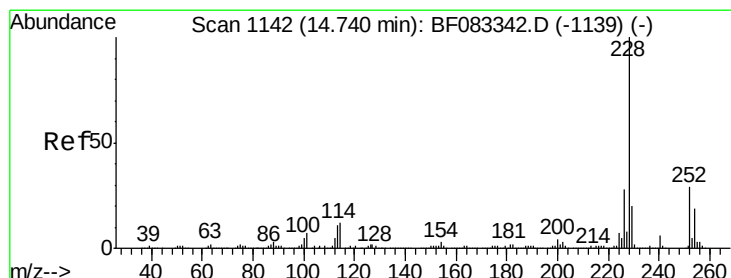
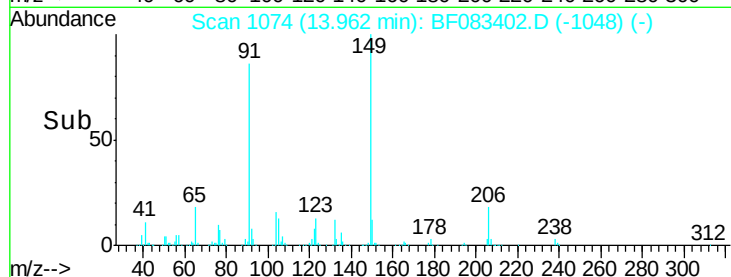
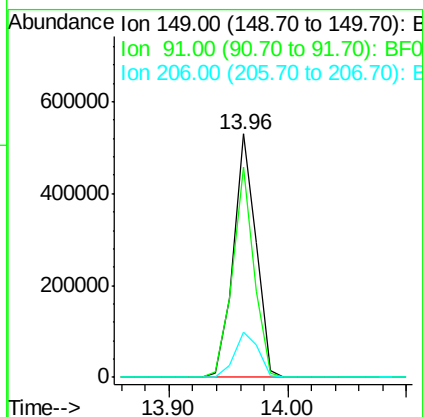
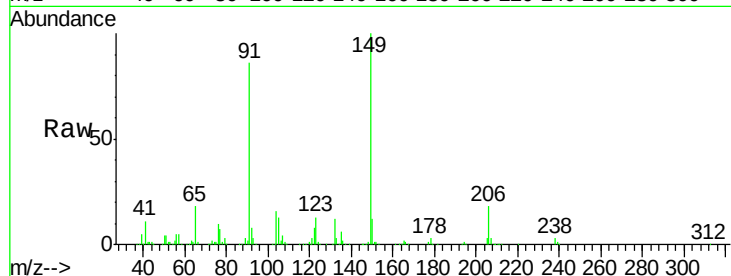




#79
Butylbenzylphthalate
Concen: 45.46 ng
RT: 13.96 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

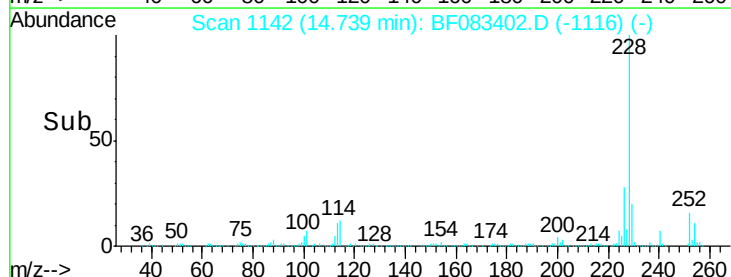
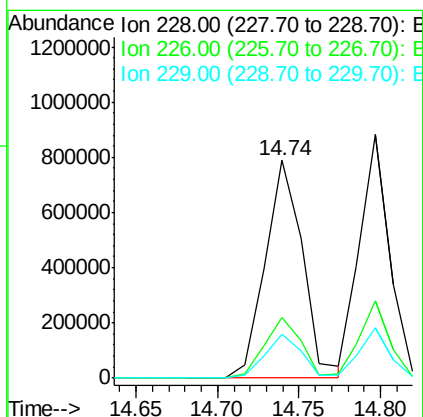
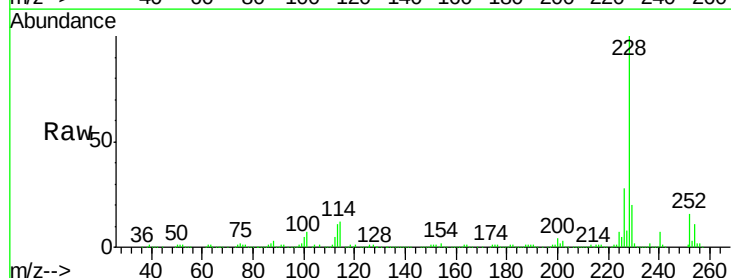
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

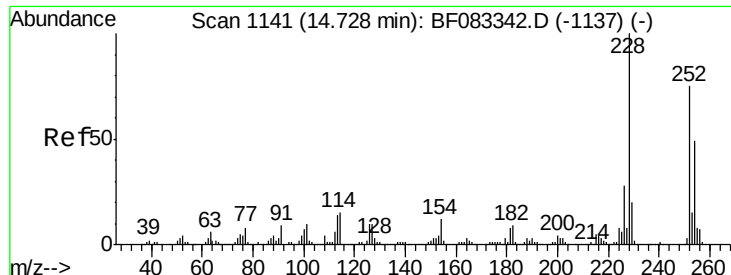
Tot Ion	Ratio	Lower	Upper
149	100		
91	86.2	71.4	107.2
206	18.5	15.1	22.7



#80
Benzo(a)anthracene
Concen: 39.40 ng
RT: 14.74 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.4
229	20.1	16.1	24.1

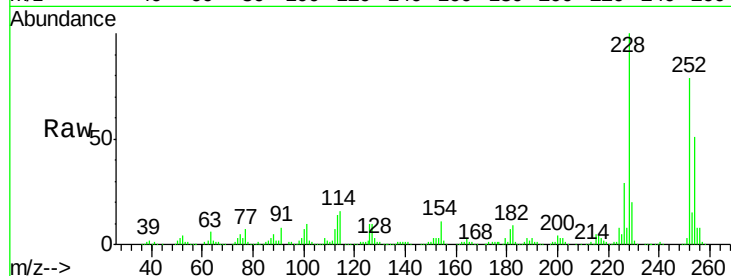




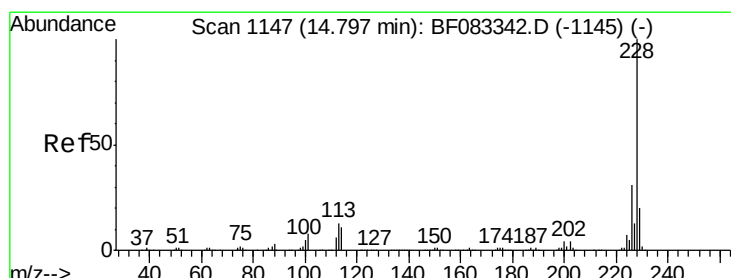
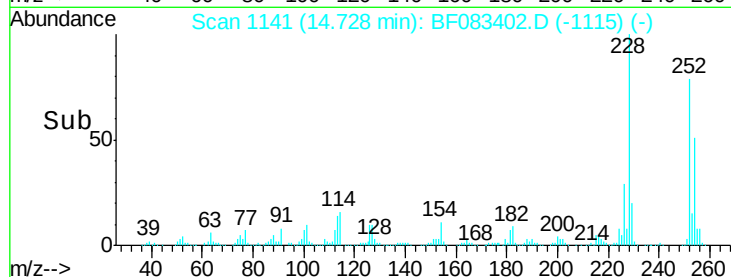
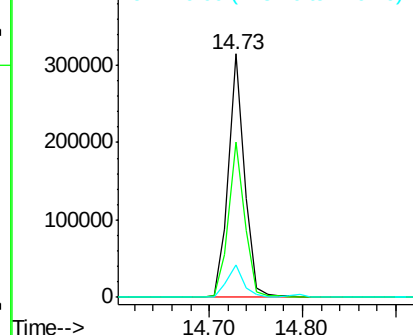
#81
 3,3'-Dichlorobenzidine
 Concen: 38.23 ng
 RT: 14.73 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 382332
 Ion Ratio Lower Upper
 252 100
 254 63.9 52.0 78.0
 126 13.2 10.7 16.1

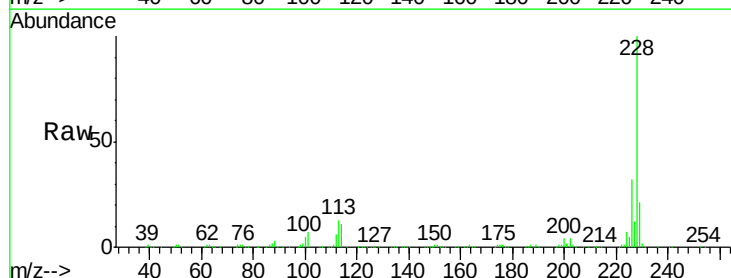


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

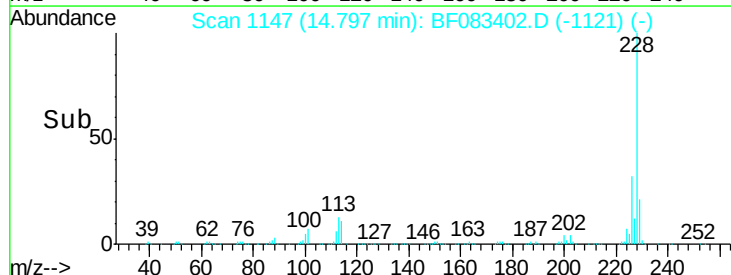
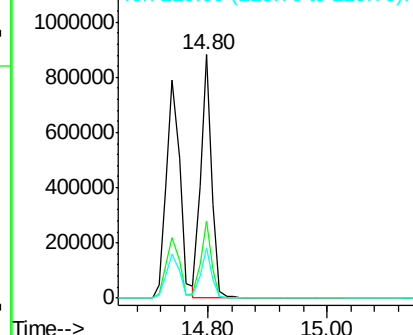


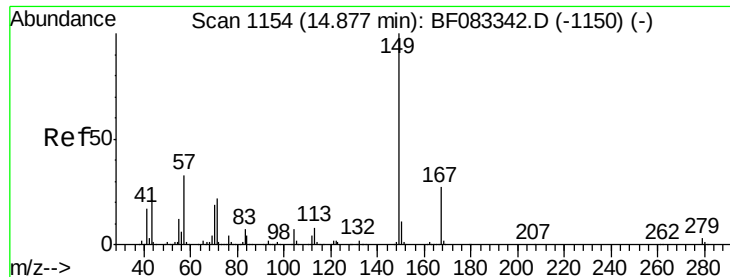
#82
 Chrysene
 Concen: 37.15 ng
 RT: 14.80 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Tgt Ion:228 Resp: 1149009
 Ion Ratio Lower Upper
 228 100
 226 31.9 24.6 37.0
 229 20.6 16.2 24.2



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.33 ng

RT: 14.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

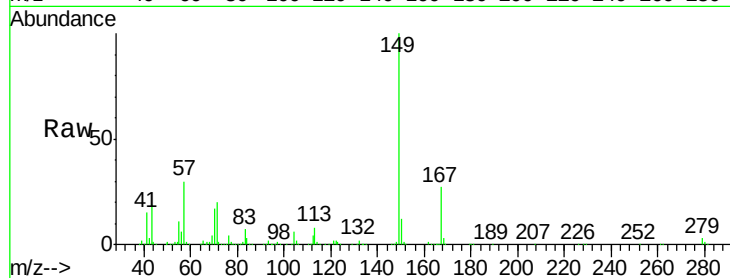
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1003689

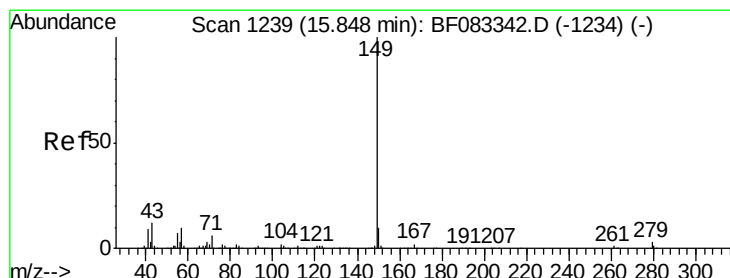
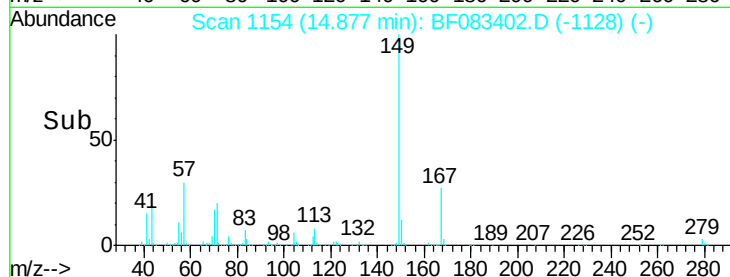
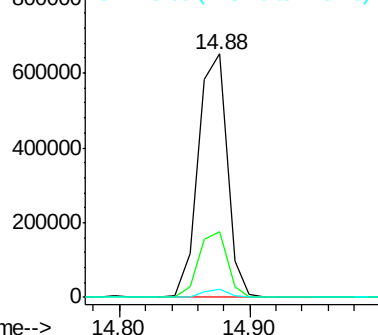
Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.5	32.3
279	3.4	2.6	3.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.40 ng

RT: 15.85 min Scan# 1239

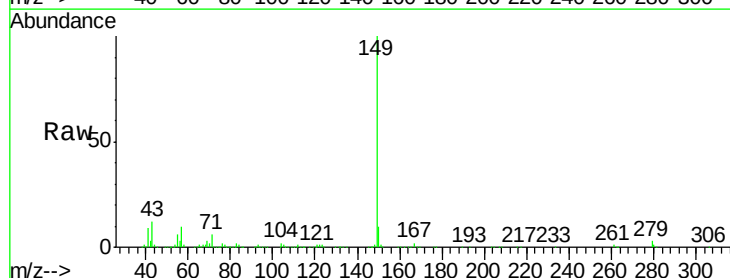
Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Tgt Ion:149 Resp: 1558755

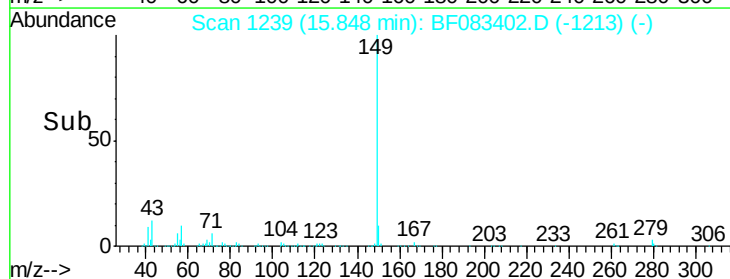
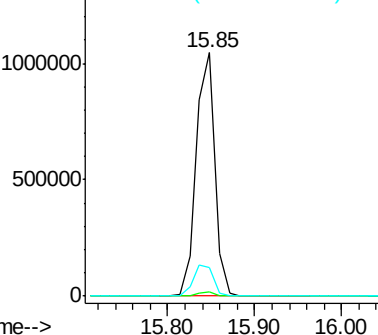
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	14.0	11.0	16.6

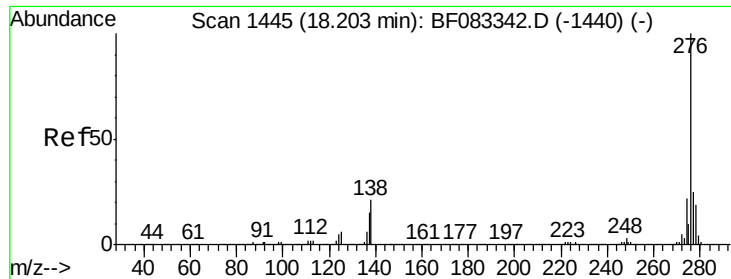


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

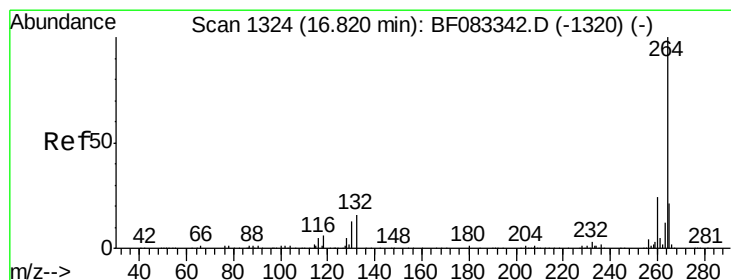
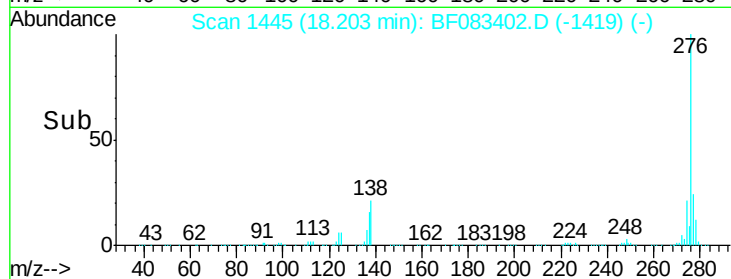
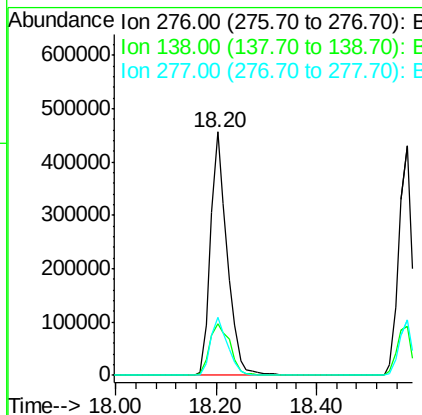
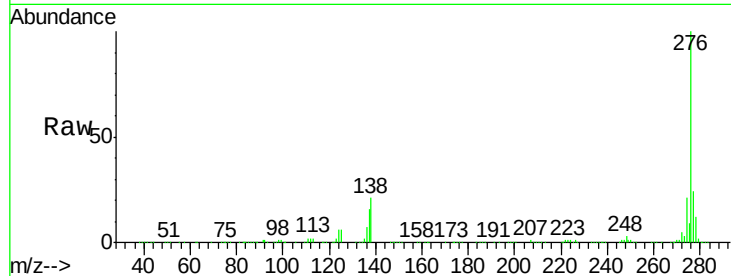




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.50 ng
 RT: 18.20 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

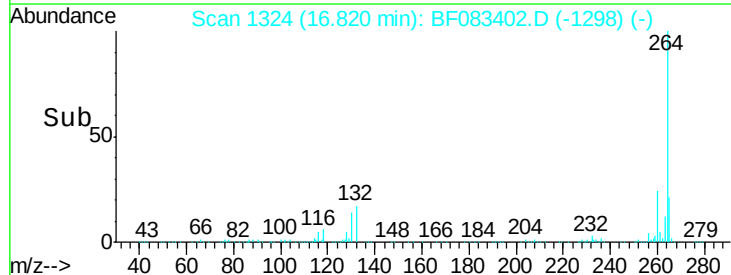
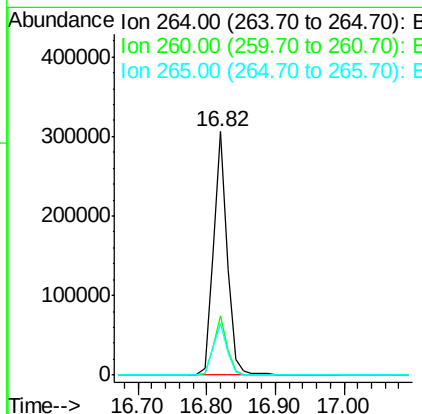
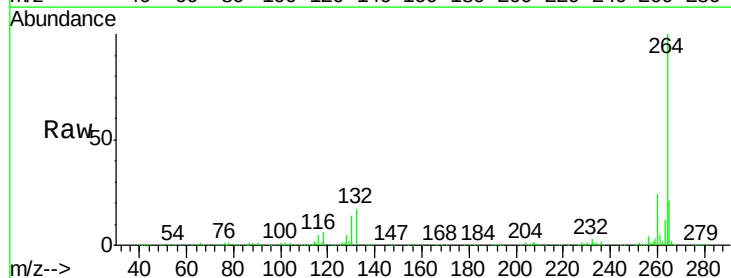
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

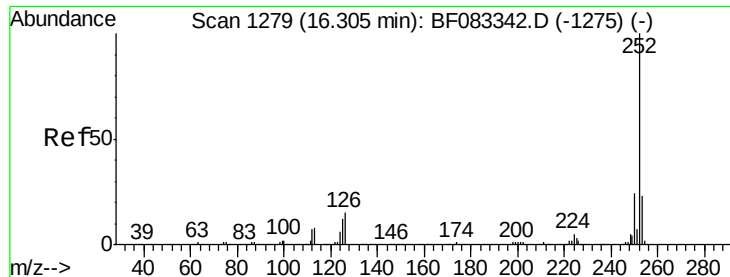
Tot Ion:276 Resp: 1047608
 Ion Ratio Lower Upper
 276 100
 138 26.3 21.2 31.8
 277 24.8 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.82 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF083402.D
 Acq: 2 Dec 2015 6:08

Tgt Ion:264 Resp: 433835
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.4
 265 21.4 16.8 25.2





#87

Benzo(b)fluoranthene

Concen: 37.70 ng

RT: 16.31 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

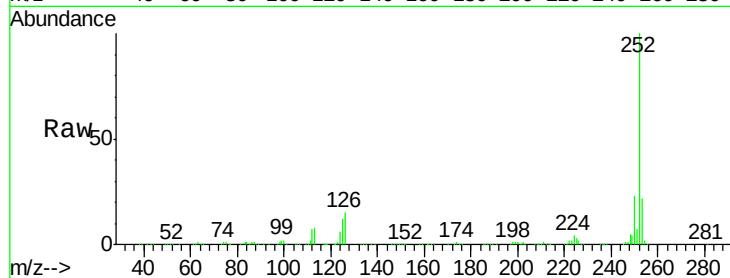
Tot Ion:252 Resp: 1049544

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

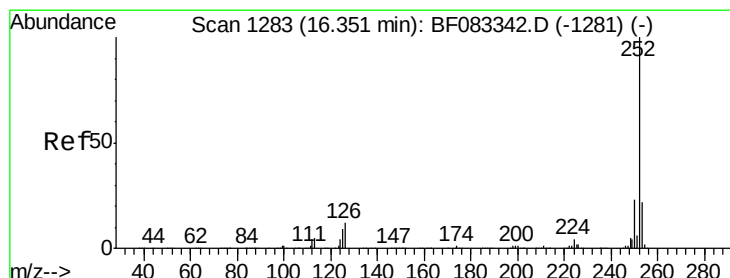
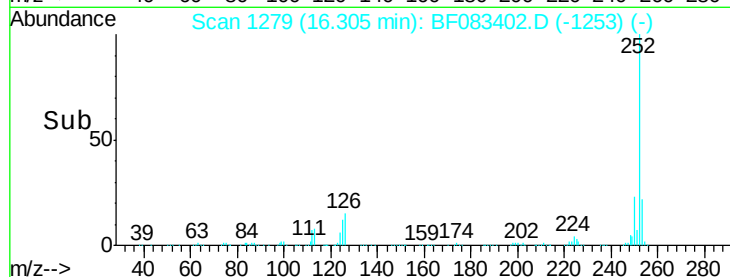
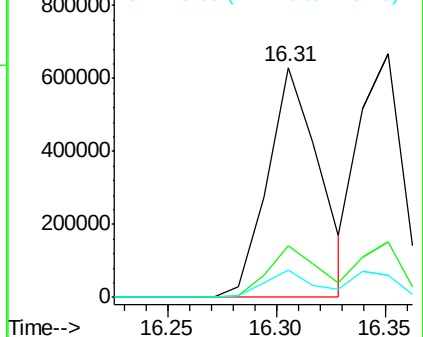
125 11.8 9.6 14.4



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: 35.80 ng

RT: 16.35 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

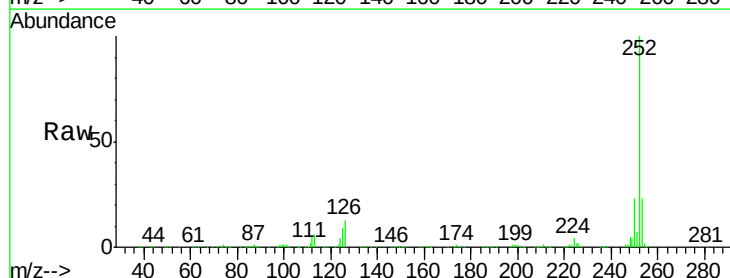
Tgt Ion:252 Resp: 941063

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

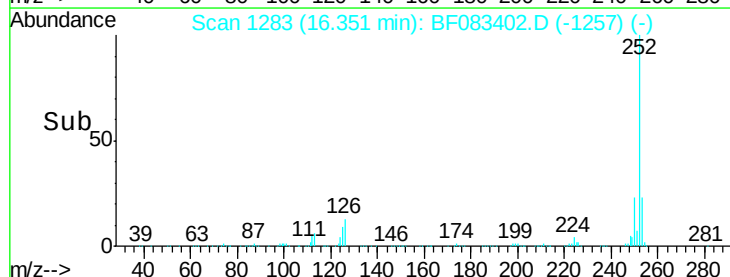
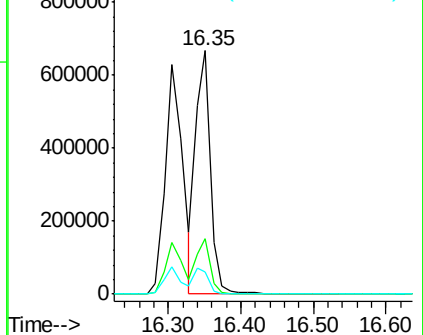
125 9.1 7.5 11.3

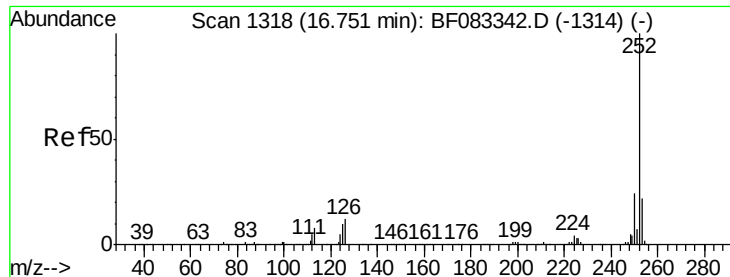


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

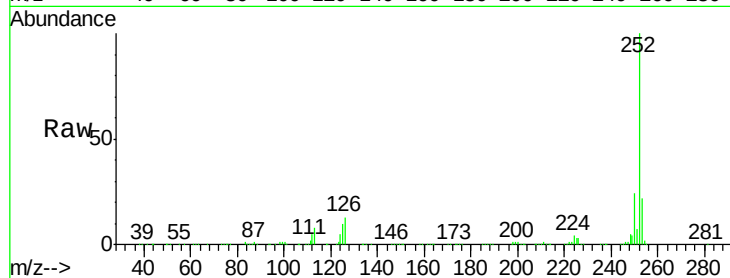




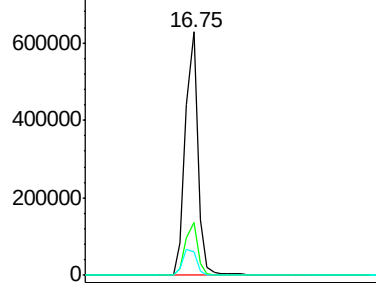
#89
Benzo(a)pyrene
Concen: 38.61 ng
RT: 16.75 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

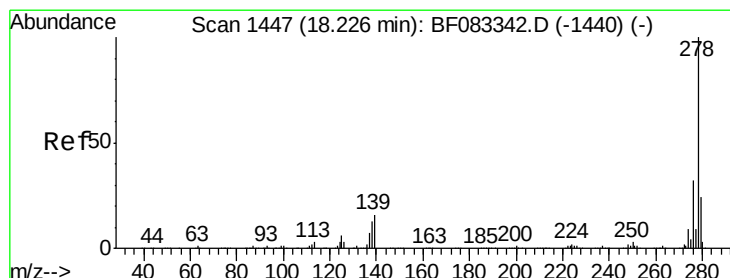
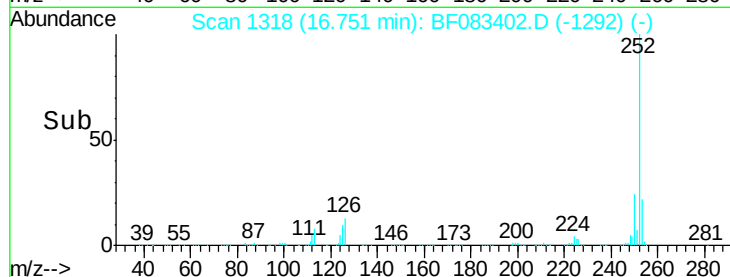
Tot Ion:252 Resp: 923086
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.9 7.8 11.8



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

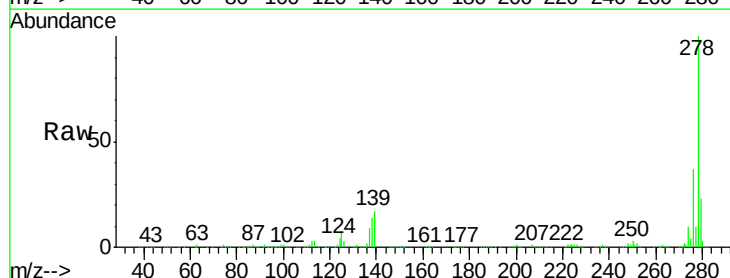


Time--> 16.60 16.80 17.00

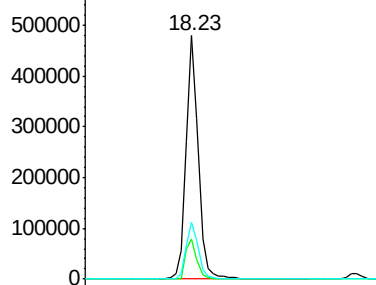


#90
Dibenzo(a,h)anthracene
Concen: 42.18 ng
RT: 18.23 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF083402.D
Acq: 2 Dec 2015 6:08

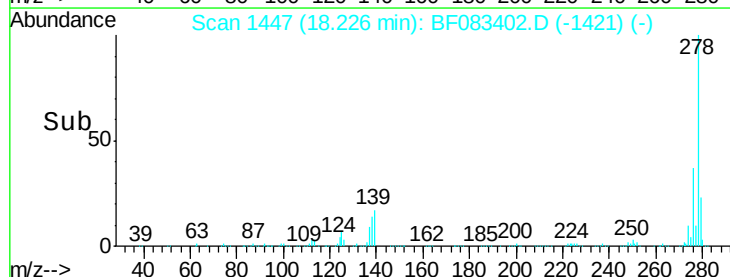
Tgt Ion:278 Resp: 878712
Ion Ratio Lower Upper
278 100
139 16.6 13.1 19.7
279 23.4 19.2 28.8

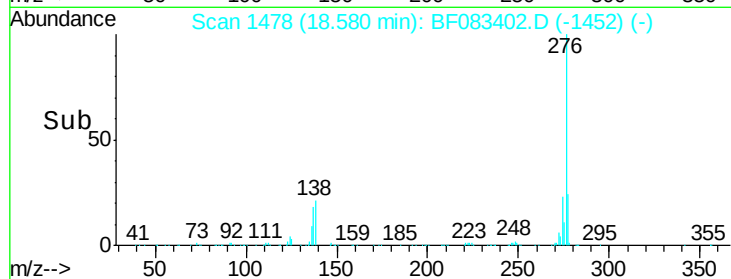
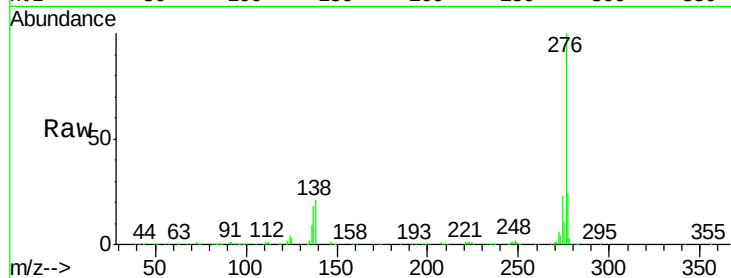
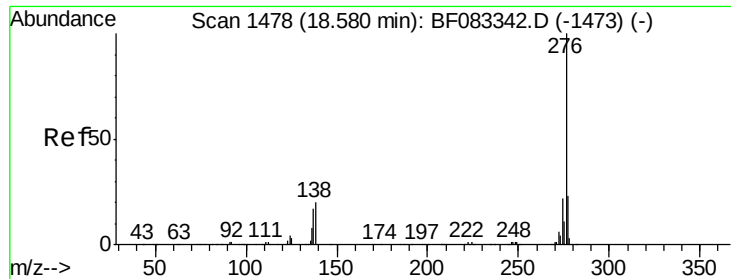


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time--> 18.00 18.20 18.40





#91

Benzo(a,h,i)perylene

Concen: 40.20 ng

RT: 18.58 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BF083402.D

Acq: 2 Dec 2015 6:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 822027

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 21.5 16.1 24.1

