

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
 Data File : BF088191.D
 Acq On : 21 Jun 2016 1:15
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 21 01:49:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	80376	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	323786	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	155312	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	286339	20.00	ng	0.00
75) Chrysene-d12	13.81	240	228339	20.00	ng	0.00
86) Perylene-d12	15.18	264	191453	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	381500	81.14	ng	0.00
7) Phenol-d6	6.32	99	423981	74.41	ng	-0.01
23) Nitrobenzene-d5	7.24	82	435342	78.51	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	104475	63.71	ng	0.00
44) 2-Fluorobiphenyl	9.04	172	811831	81.91	ng	0.00
78) Terphenyl-d14	12.76	244	758898	75.63	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.12	88	97426	42.65	ng	# 44
3) Pyridine	2.79	79	204195	37.86	ng	93
4) n-Nitrosodimethylamine	2.74	42	86551	37.89	ng	# 77
6) Aniline	6.33	93	283039	34.90	ng	# 67
8) 2-Chlorophenol	6.46	128	229988	41.33	ng	88
9) Benzaldehyde	6.22	77	127917	33.83	ng	97
10) Phenol	6.34	94	237669	40.13	ng	87
11) bis(2-Chloroethyl)ether	6.41	93	195434	39.12	ng	90
12) 1,3-Dichlorobenzene	6.60	146	236672	39.64	ng	98
13) 1,4-Dichlorobenzene	6.68	146	245314	40.79	ng	99
14) 1,2-Dichlorobenzene	6.84	146	205040	37.48	ng	99
15) Benzyl Alcohol	6.82	79	146137	32.78	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.96	45	234885	34.80	ng	79
17) 2-Methylphenol	6.95	107	179977	39.88	ng	99
18) Hexachloroethane	7.18	117	86196	40.39	ng	# 89
19) n-Nitroso-di-n-propylamine	7.10	70	144425	39.62	ng	# 86
20) 3+4-Methylphenols	7.11	107	223270	42.40	ng	# 74
22) Acetophenone	7.08	105	290554	40.16	ng	# 96
24) Nitrobenzene	7.26	77	197260	36.73	ng	# 87
25) Isophorone	7.50	82	387816	37.76	ng	98
26) 2-Nitrophenol	7.58	139	120289	41.81	ng	# 86
27) 2,4-Dimethylphenol	7.63	122	192510	36.34	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	237798	37.33	ng	# 96
29) 2,4-Dichlorophenol	7.83	162	177415	40.11	ng	94
30) 1,2,4-Trichlorobenzene	7.90	180	180760	37.53	ng	99
31) Naphthalene	7.98	128	639612	39.92	ng	99
32) Benzoic acid	7.77	122	67784	23.24	ng	90
33) 4-Chloroaniline	8.03	127	264809	37.01	ng	98
34) Hexachlorobutadiene	8.10	225	97007	38.19	ng	98
35) Caprolactam	8.41	113	59046	40.30	ng	# 65
36) 4-Chloro-3-methylphenol	8.54	107	181961	38.47	ng	# 84
37) 2-Methylnaphthalene	8.67	142	409780	38.80	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	174484	42.30	ng	# 1
40) Hexachlorocyclopentadiene	8.82	237	84796	33.85	ng	99

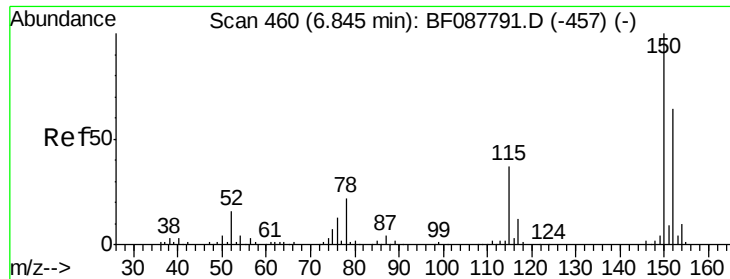
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	108597	34.96	ng	99
43) 2,4,5-Trichlorophenol	8.99	196	117248	36.28	ng	# 80
45) 1,1'-Biphenyl	9.13	154	493167	41.87	ng	98
46) 2-Chloronaphthalene	9.15	162	384235	38.23	ng	99
47) 2-Nitroaniline	9.26	65	106923	36.06	ng	90
48) Acenaphthylene	9.56	152	581334	36.36	ng	99
49) Dimethylphthalate	9.44	163	454844	40.43	ng	99
50) 2,6-Dinitrotoluene	9.51	165	101217	39.28	ng	# 81
51) Acenaphthene	9.74	154	355315	35.63	ng	98
52) 3-Nitroaniline	9.67	138	107169	36.05	ng	98
53) 2,4-Dinitrophenol	9.78	184	49016	40.53	ng	98
54) Dibenzofuran	9.91	168	488748	35.59	ng	# 90
55) 4-Nitrophenol	9.85	139	90064	39.03	ng	96
56) 2,4-Dinitrotoluene	9.91	165	126344	38.16	ng	# 70
57) Fluorene	10.25	166	419708	45.25	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	95173	37.48	ng	# 58
59) Diethylphthalate	10.14	149	481327	42.27	ng	100
60) 4-Chlorophenyl-phenylether	10.24	204	169498	37.11	ng	91
61) 4-Nitroaniline	10.28	138	125256	44.42	ng	96
62) Azobenzene	10.40	77	429133	38.11	ng	94
64) 4,6-Dinitro-2-methylphenol	10.32	198	52245	30.07	ng	# 60
65) n-Nitrosodiphenylamine	10.36	169	369228	38.86	ng	99
66) 4-Bromophenyl-phenylether	10.73	248	123927	40.34	ng	96
67) Hexachlorobenzene	10.80	284	119344	37.39	ng	# 71
68) Atrazine	10.89	200	107395	37.33	ng	90
69) Pentachlorophenol	10.99	266	61398	36.49	ng	97
70) Phenanthrene	11.20	178	590786	39.32	ng	99
71) Anthracene	11.26	178	612780	40.43	ng	100
72) Carbazole	11.42	167	590001	41.60	ng	99
73) Di-n-butylphthalate	11.75	149	684026	38.10	ng	99
74) Fluoranthene	12.39	202	630764	39.78	ng	98
76) Benzidine	12.51	184	260908	41.27	ng	99
77) Pyrene	12.62	202	636471	37.56	ng	98
79) Butylbenzylphthalate	13.23	149	298030	39.78	ng	89
80) Benzo(a)anthracene	13.79	228	450223	34.60	ng	100
81) 3,3'-Dichlorobenzidine	13.76	252	144160	41.20	ng	# 96
82) Chrysene	13.83	228	511091	41.75	ng	98
83) Bis(2-ethylhexyl)phthalate	13.79	149	365200	40.05	ng	99
84) Di-n-octyl phthalate	14.40	149	682549	46.06	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.47	276	424800	37.35	ng	# 100
87) Benzo(b)fluoranthene	14.80	252	896514	67.18	ng	# 96
88) Benzo(k)fluoranthene	14.80	252	896526	89.06	ng	99
89) Benzo(a)pyrene	15.12	252	426320	39.49	ng	98
90) Dibenzo(a,h)anthracene	16.47	278	358012	35.70	ng	97
91) Benzo(g,h,i)perylene	16.85	276	372950	36.16	ng	98

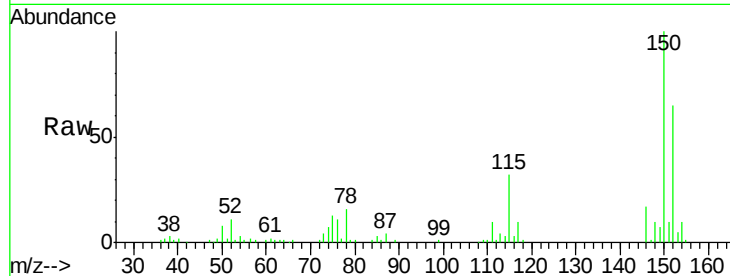
(#) = qualifier out of range (m) = manual integration (+) = signals summed



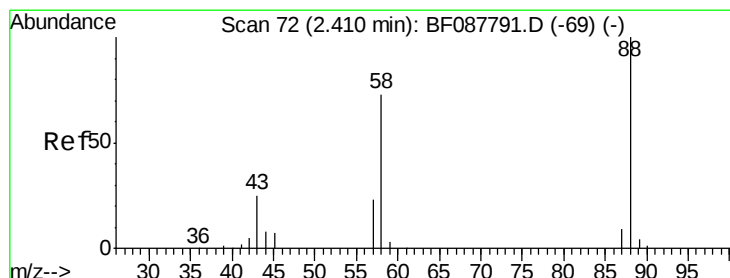
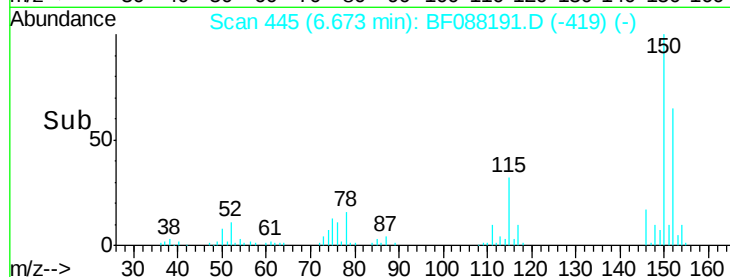
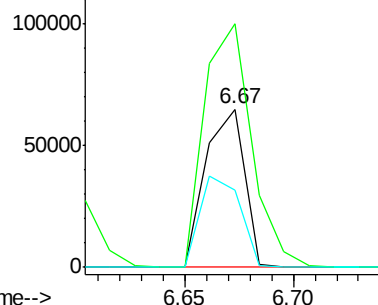
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:152 Resp: 80376
 Ion Ratio Lower Upper
 152 100
 150 153.7 123.8 185.6
 115 48.8 39.6 59.4

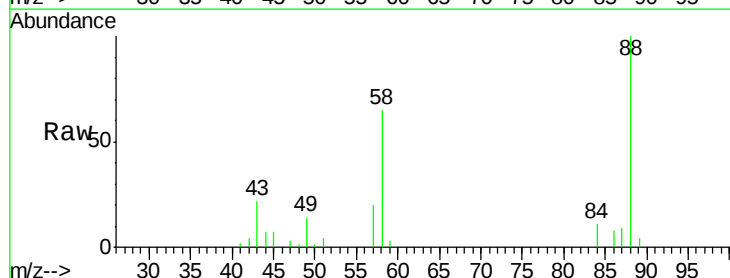


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

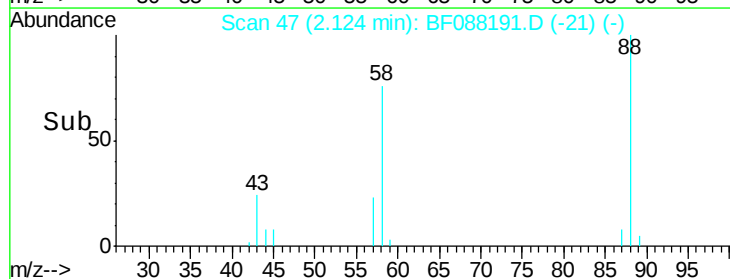
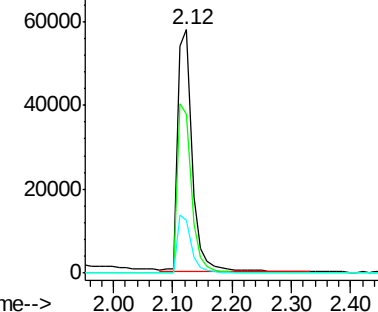


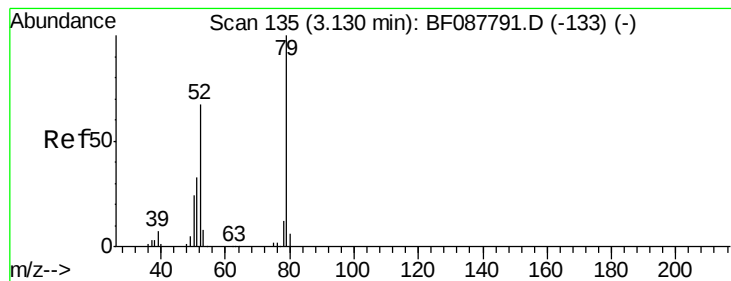
#2
 1,4-Dioxane
 Concen: 42.65 ng
 RT: 2.12 min Scan# 47
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

Tgt Ion: 88 Resp: 97426
 Ion Ratio Lower Upper
 88 100
 58 68.3 0.0 0.0#
 43 22.7 3.4 5.2#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.86 ng

RT: 2.79 min Scan# 105

Delta R.T. -0.01 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

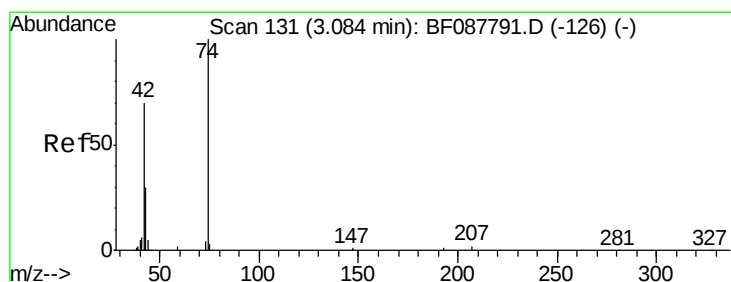
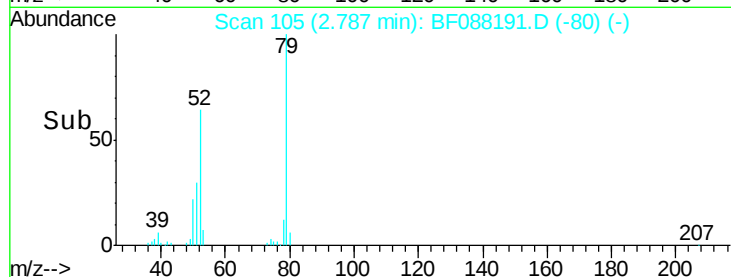
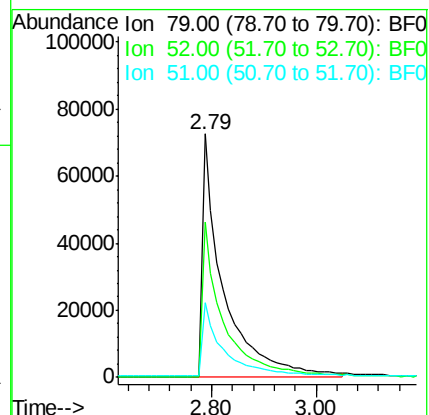
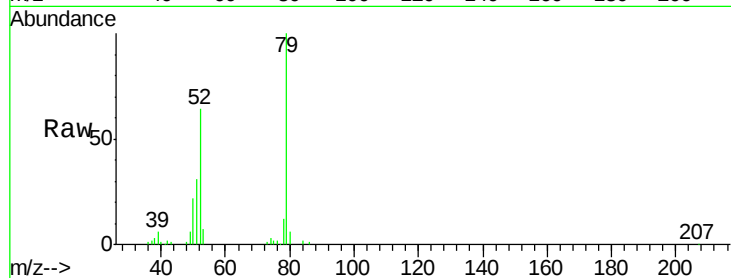
Tgt Ion: 79 Resp: 204195

Ion Ratio Lower Upper

79 100

52 63.7 56.3 84.5

51 30.9 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 37.89 ng

RT: 2.74 min Scan# 101

Delta R.T. -0.01 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

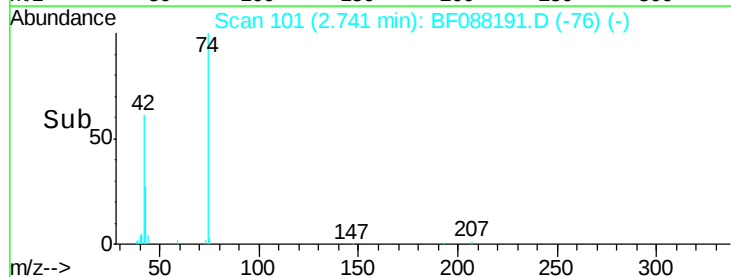
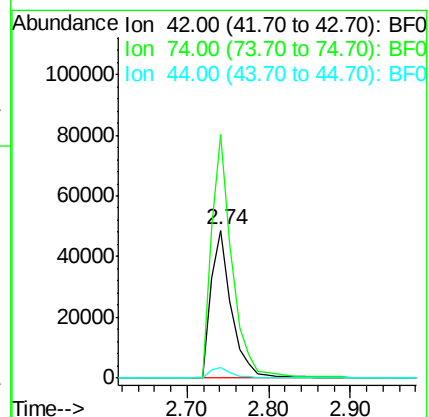
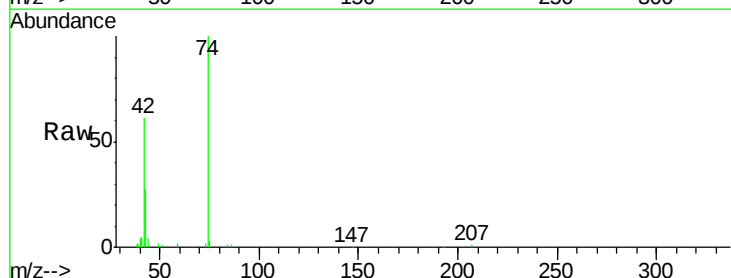
Tgt Ion: 42 Resp: 86551

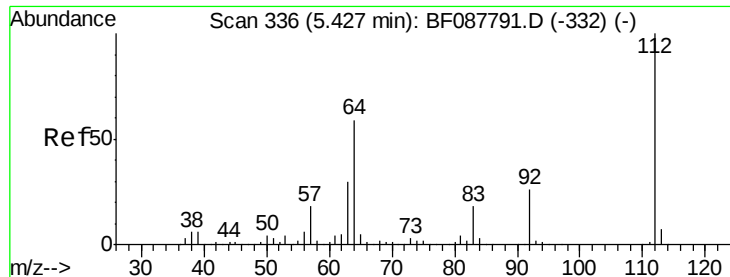
Ion Ratio Lower Upper

42 100

74 164.4 108.6 163.0#

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 81.14 ng

RT: 5.26 min Scan# 321

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Instrument :

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ClientSampleId :

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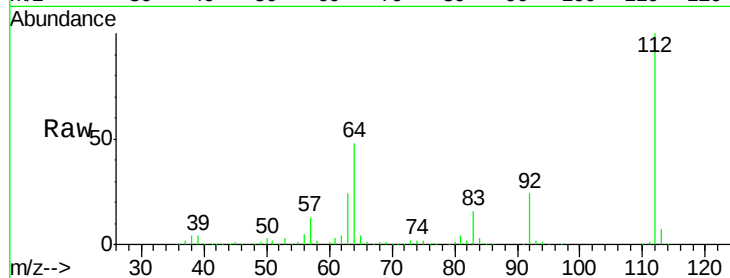
Tgt Ion: 112 Resp: 381500

Ion Ratio Lower Upper

112 100

64 47.6 42.2 63.2

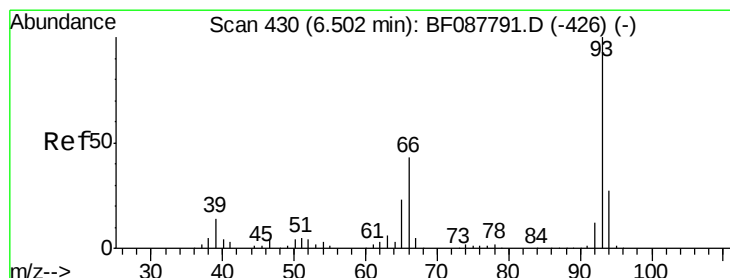
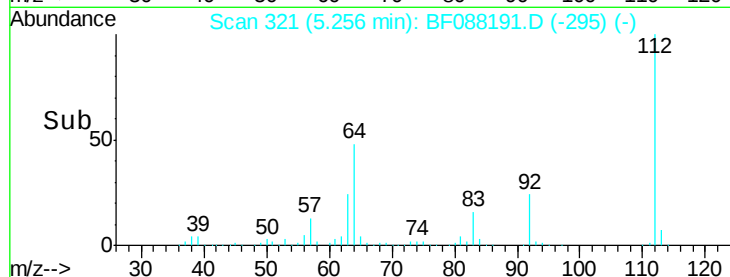
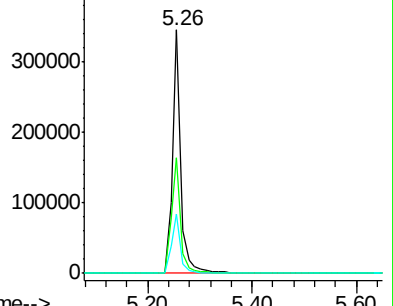
63 24.3 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.90 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

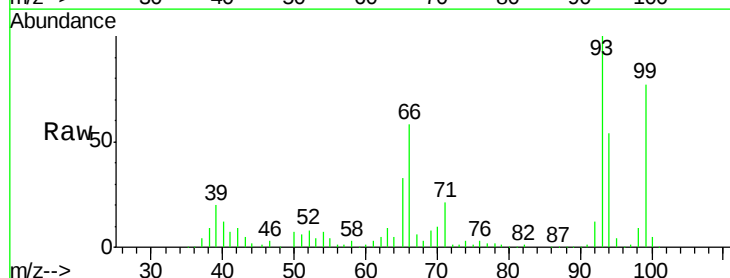
Tgt Ion: 93 Resp: 283039

Ion Ratio Lower Upper

93 100

66 57.9 29.8 44.8#

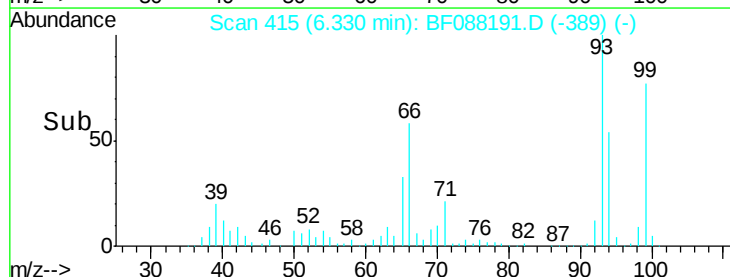
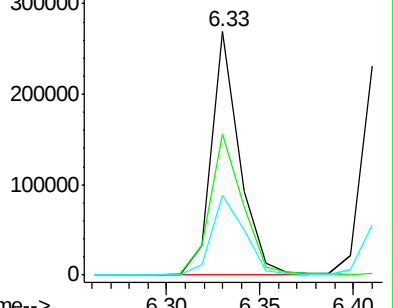
65 32.7 14.9 22.3#

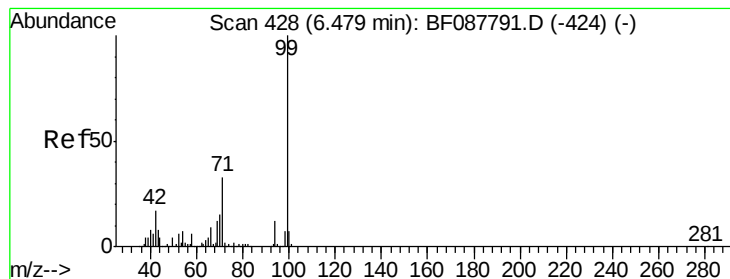


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 74.41 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

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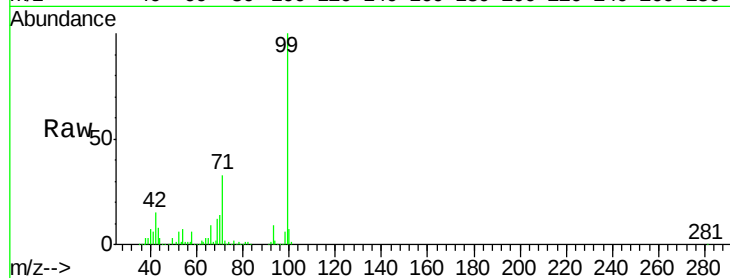
Tgt Ion: 99 Resp: 423981

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

71 32.5 23.4 35.0



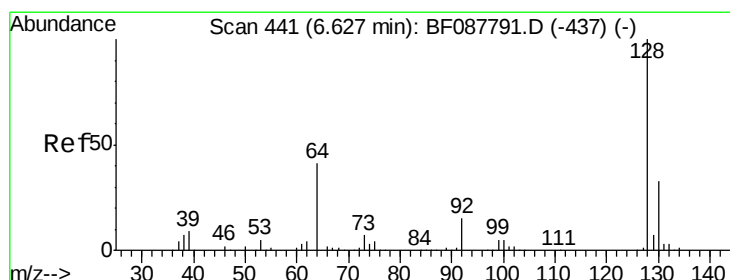
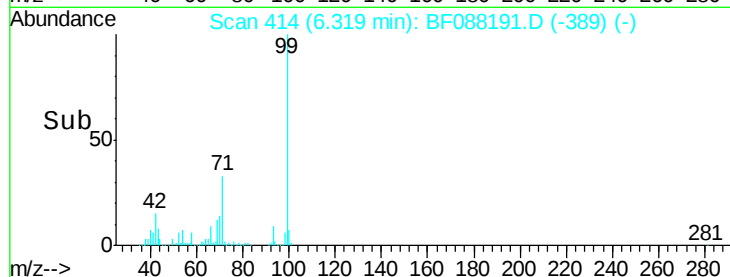
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

6.32

Time-->



#8

2-Chlorophenol

Concen: 41.33 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

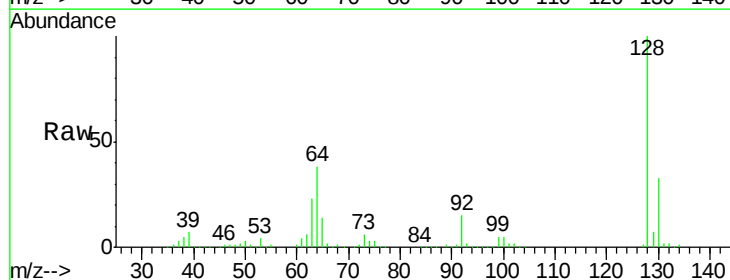
Tgt Ion: 128 Resp: 229988

Ion Ratio Lower Upper

128 100

130 32.7 12.0 52.0

64 38.1 30.8 70.8



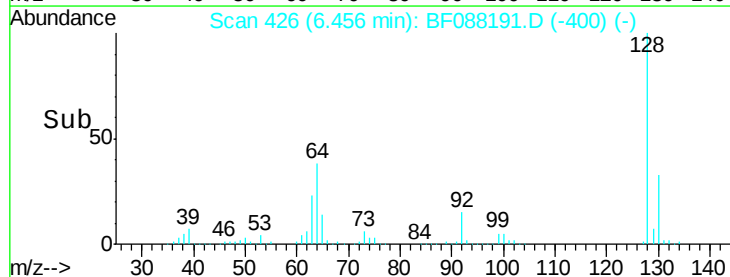
Abundance Ion 128.00 (127.70 to 128.70): E

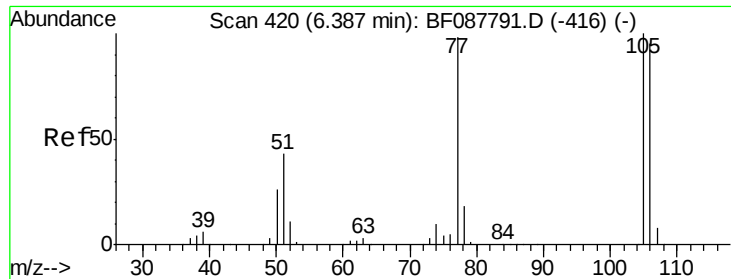
Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

6.46

Time-->





#9

Benzaldehyde

Concen: 33.83 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Instrument :

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ClientSampleId :

SSTDCCC040

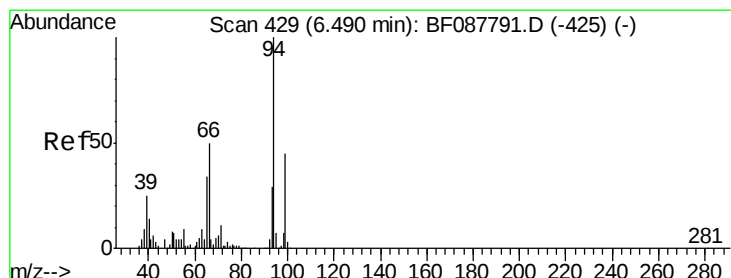
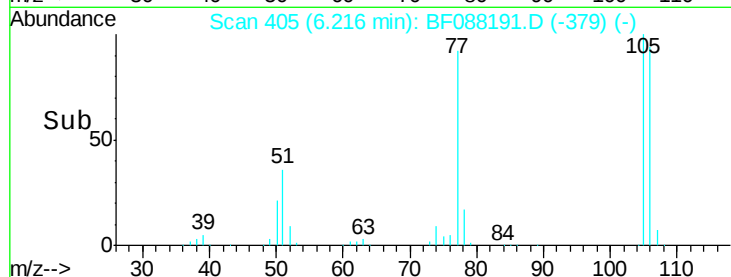
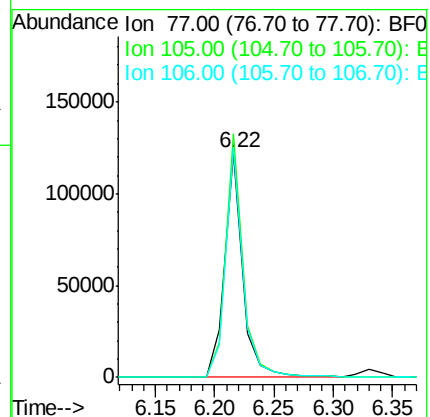
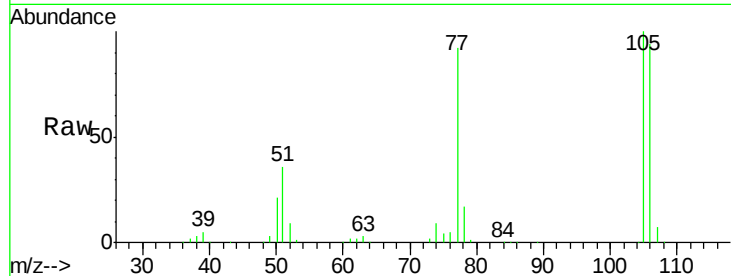
Tgt Ion: 77 Resp: 127917

Ion Ratio Lower Upper

77 100

105 108.2 90.6 130.6

106 102.0 85.3 125.3



#10

Phenol

Concen: 40.13 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

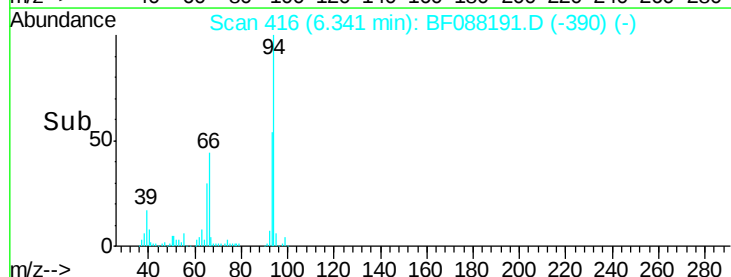
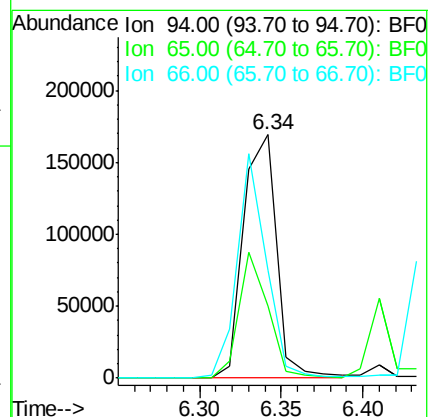
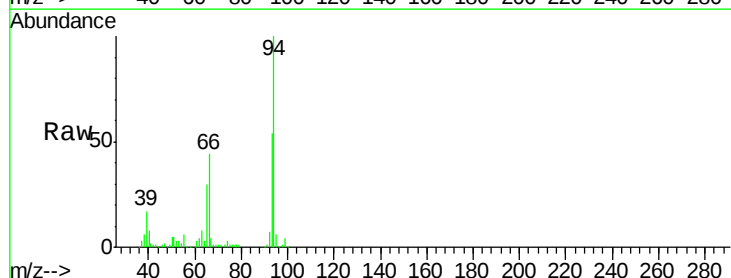
Tgt Ion: 94 Resp: 237669

Ion Ratio Lower Upper

94 100

65 29.8 5.9 45.9

66 44.2 14.0 54.0

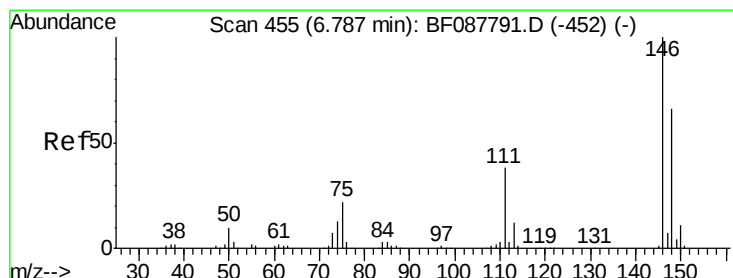
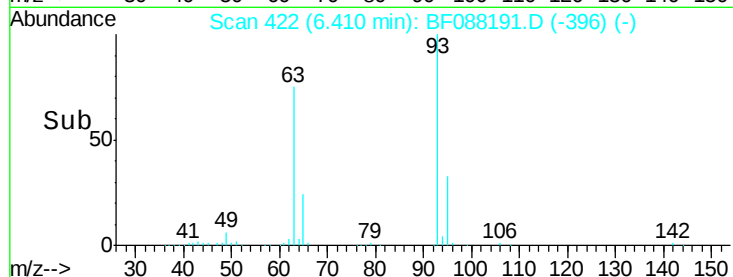
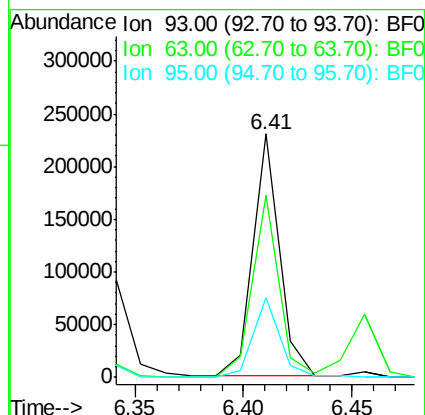
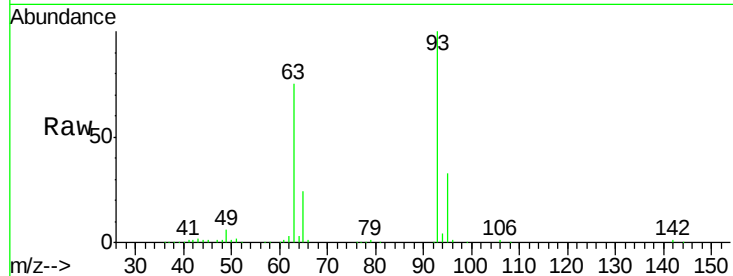




#11
 bis(2-Chloroethyl)ether
 Concen: 39.12 ng
 RT: 6.41 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

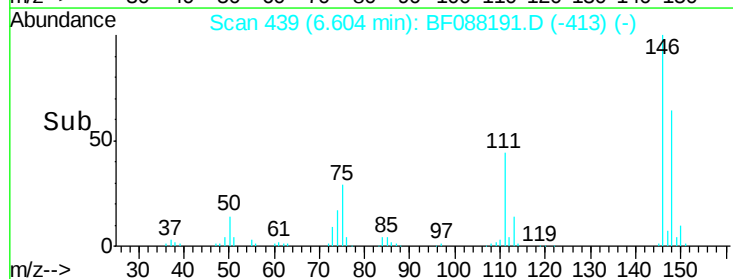
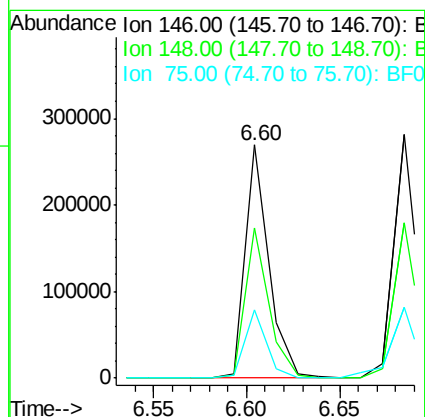
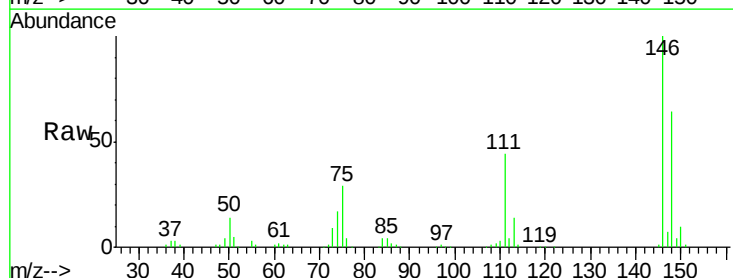
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 93 Resp: 195434
 Ion Ratio Lower Upper
 93 100
 63 75.0 67.6 107.6
 95 32.6 12.5 52.5



#12
 1,3-Dichlorobenzene
 Concen: 39.64 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

Tgt Ion: 146 Resp: 236672
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.9 76.3
 75 29.1 25.6 38.4

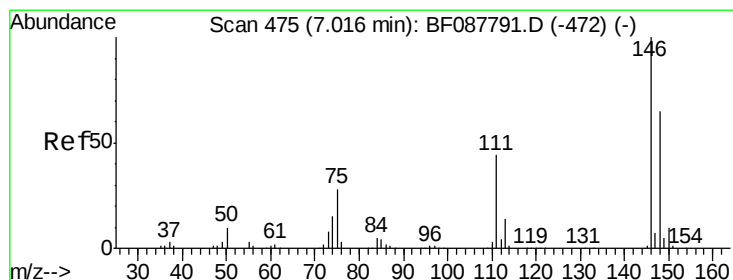
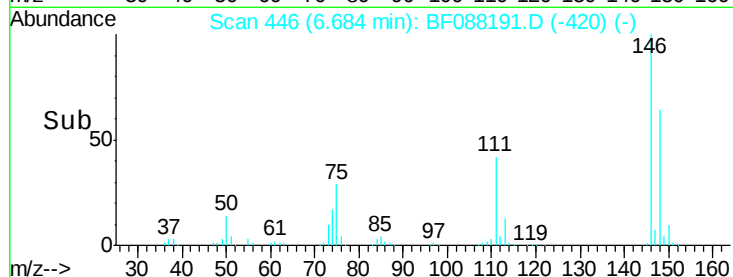
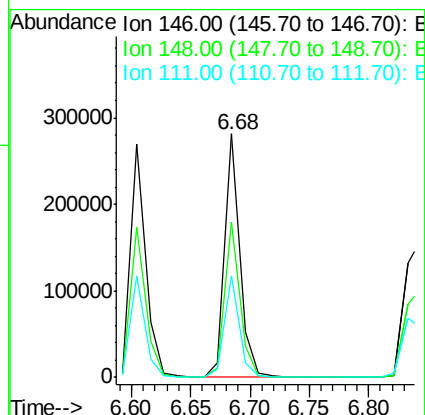
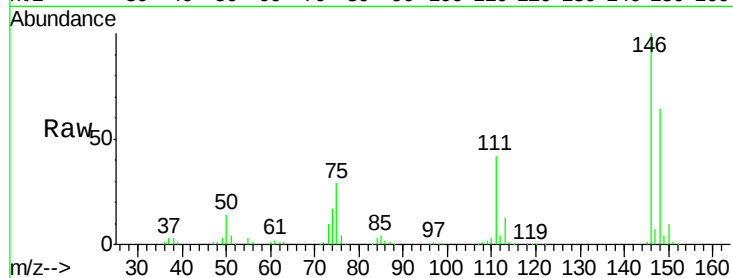




#13
 1,4-Dichlorobenzene
 Concen: 40.79 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

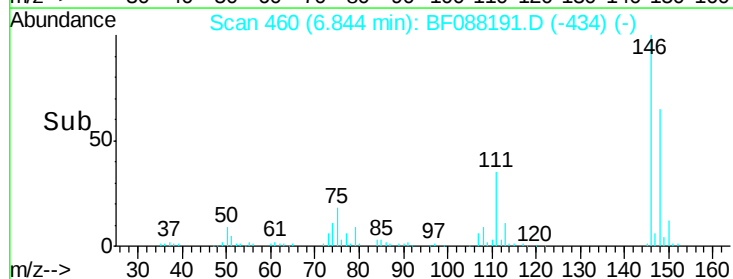
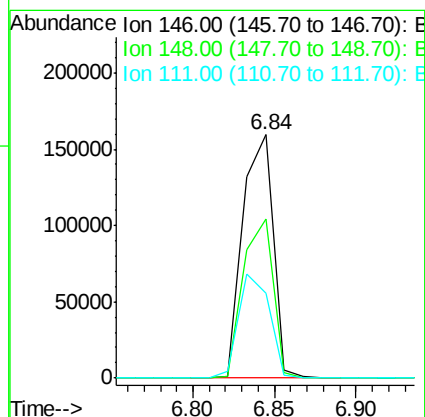
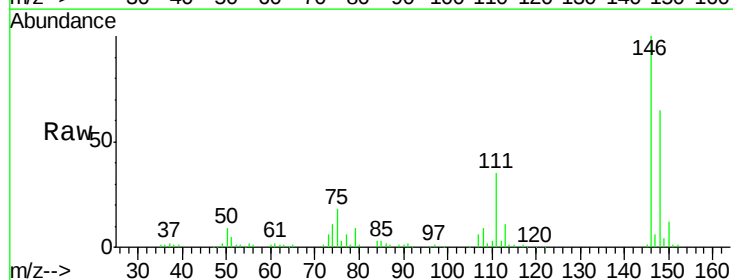
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

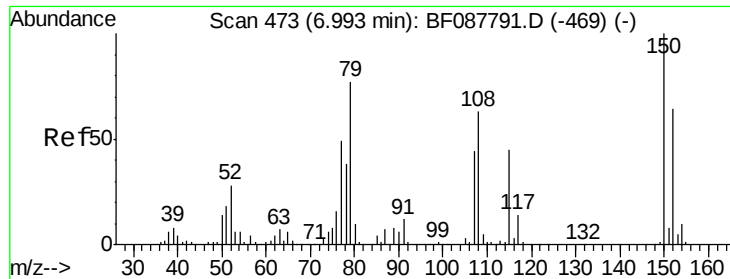
Tgt Ion:146 Resp: 245314
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.0 78.0
 111 41.9 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 37.48 ng
 RT: 6.84 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

Tgt Ion:146 Resp: 205040
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.3 78.5
 111 35.0 28.7 43.1

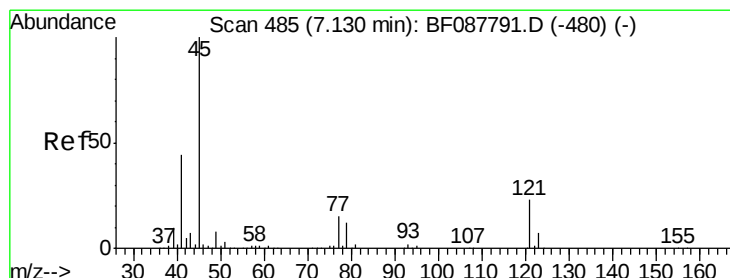
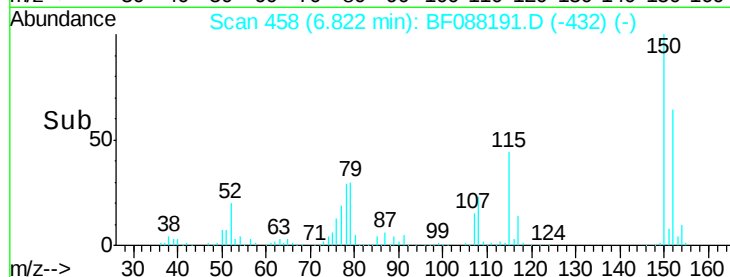
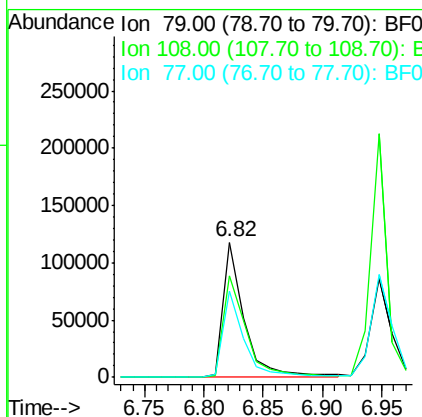
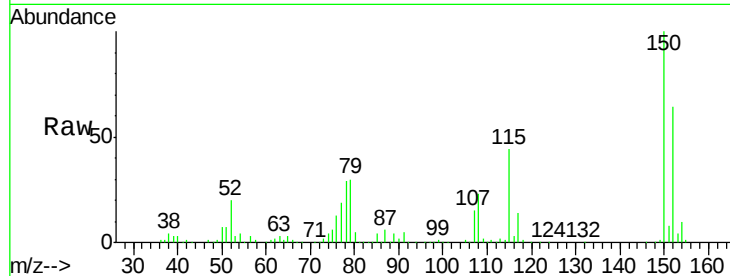




#15
Benzyl Alcohol
Concen: 32.78 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF088191.D
Acq: 21 Jun 2016 1:15

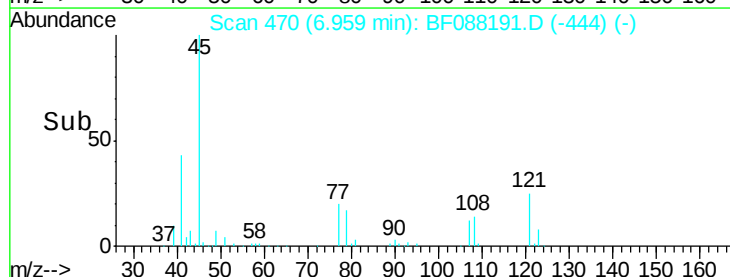
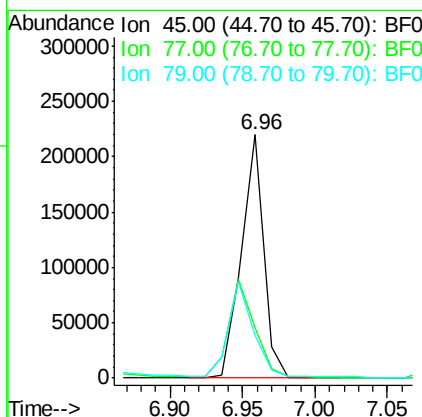
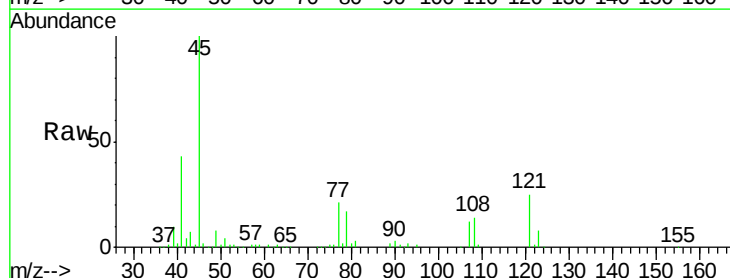
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

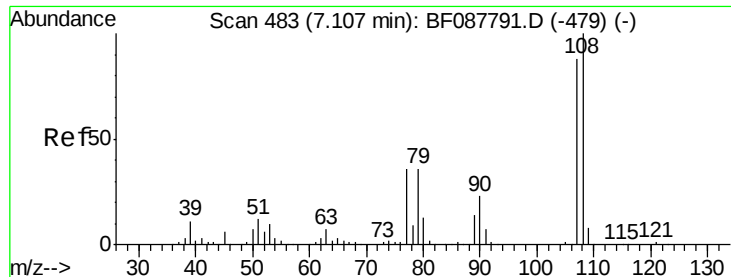
Tgt Ion: 79 Resp: 146137
Ion Ratio Lower Upper
79 100
108 74.9 65.0 97.6
77 64.1 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.80 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF088191.D
Acq: 21 Jun 2016 1:15

Tgt Ion: 45 Resp: 234885
Ion Ratio Lower Upper
45 100
77 20.7 0.0 32.5
79 17.5 0.0 29.5

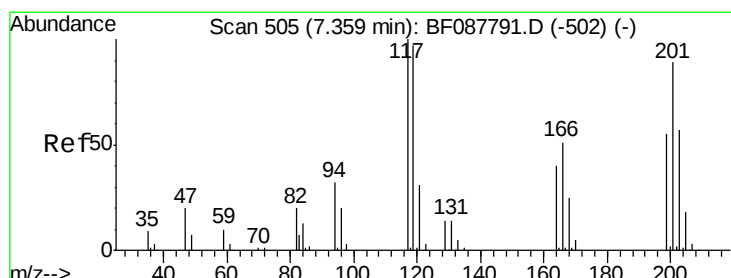
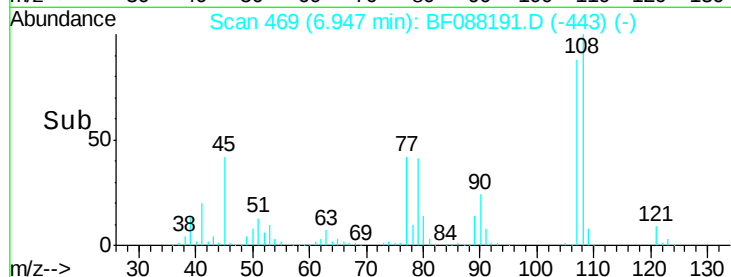
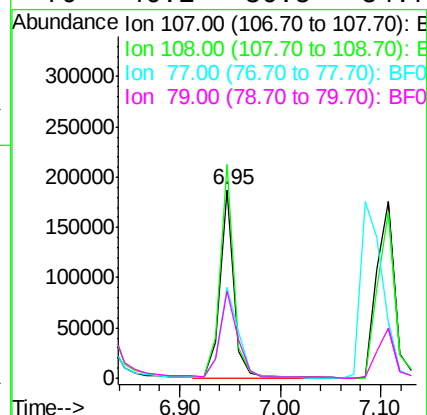
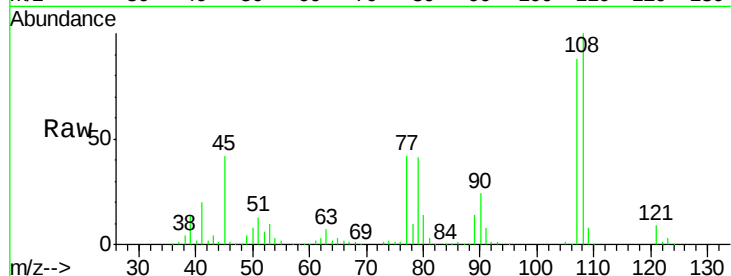




#17
2-Methylphenol
Concen: 39.88 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF088191.D
Acq: 21 Jun 2016 1:15

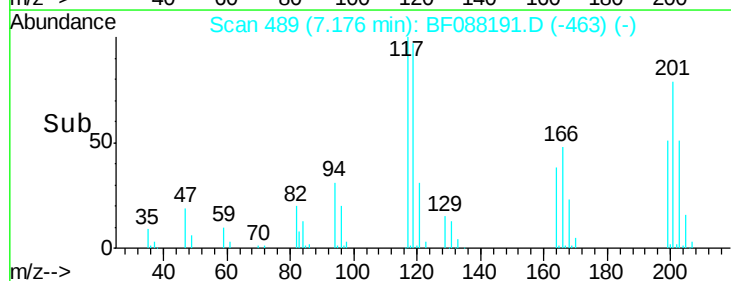
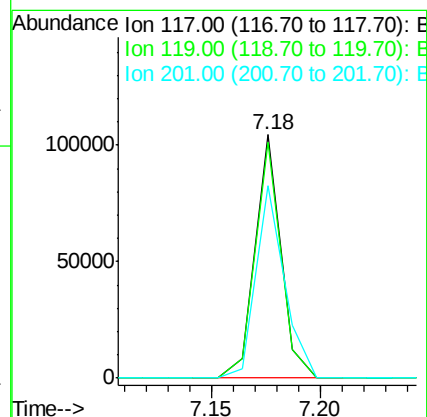
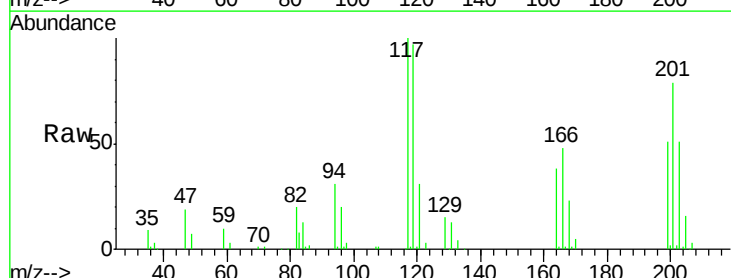
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

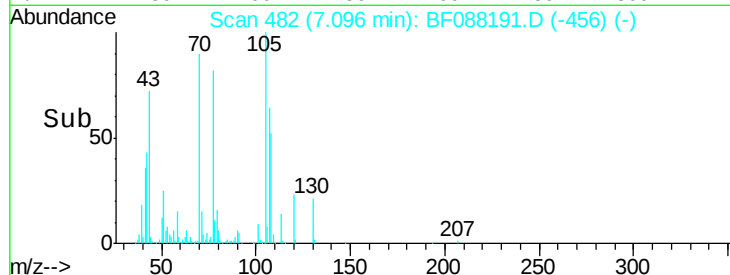
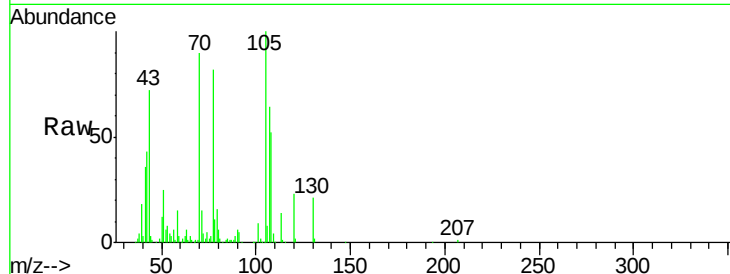
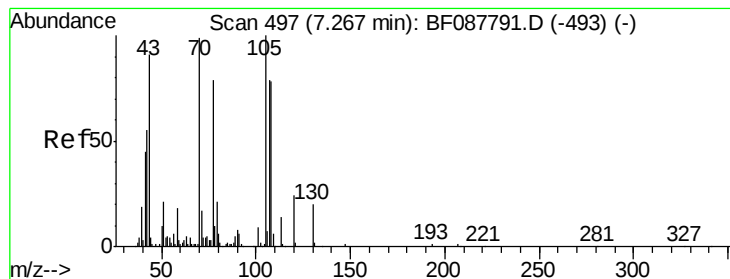
Tgt Ion:	107	Resp:	179977
Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.9	136.3
77	47.9	36.6	55.0
79	46.1	36.5	54.7



#18
Hexachloroethane
Concen: 40.39 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF088191.D
Acq: 21 Jun 2016 1:15

Tgt Ion:	117	Resp:	86196
Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.4	116.2
201	79.2	80.4	120.6#





#19

n-Nitroso-di-n-propylamine

Concen: 39.62 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 144425

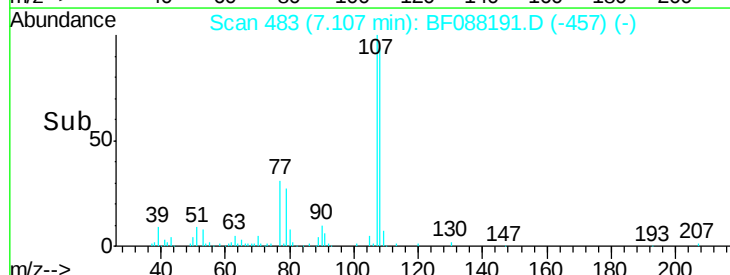
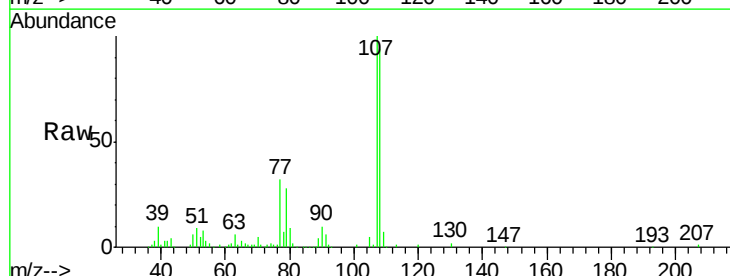
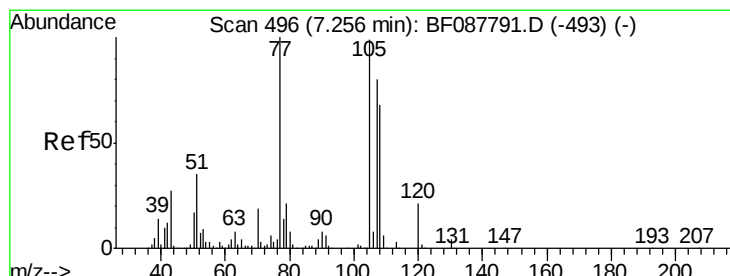
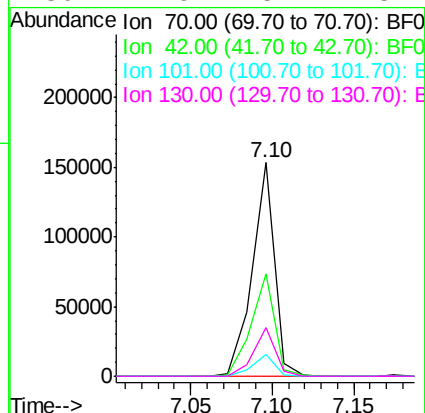
Ion Ratio Lower Upper

70 100

42 48.1 49.6 74.4#

101 10.1 7.1 10.7

130 22.9 15.4 23.2



#20

3+4-Methylphenols

Concen: 42.40 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Tgt Ion: 107 Resp: 223270

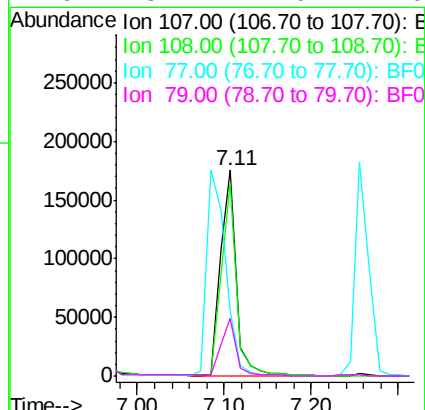
Ion Ratio Lower Upper

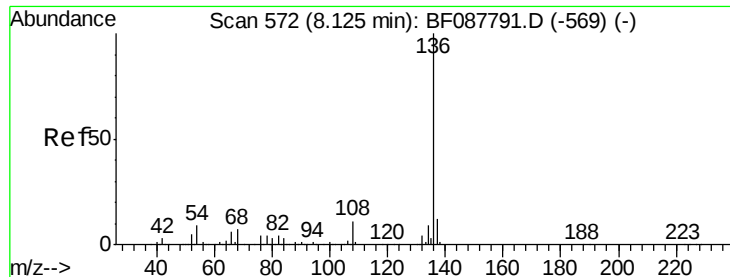
107 100

108 94.2 67.8 107.8

77 31.8 59.3 99.3#

79 28.2 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 323786

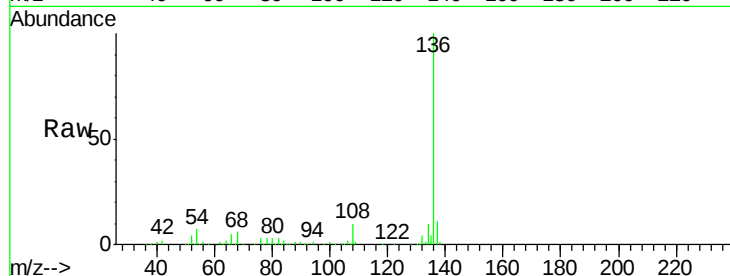
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.3 6.6 10.0

68 6.3 5.1 7.7

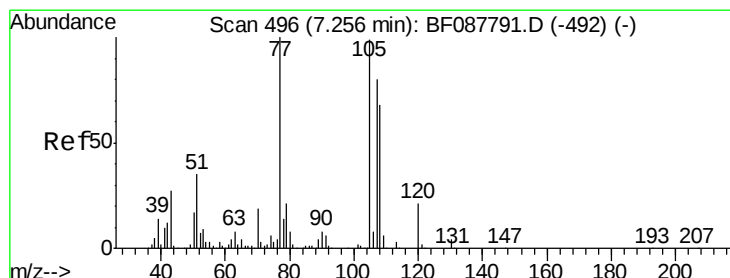
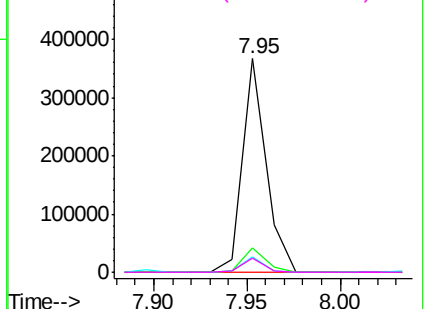
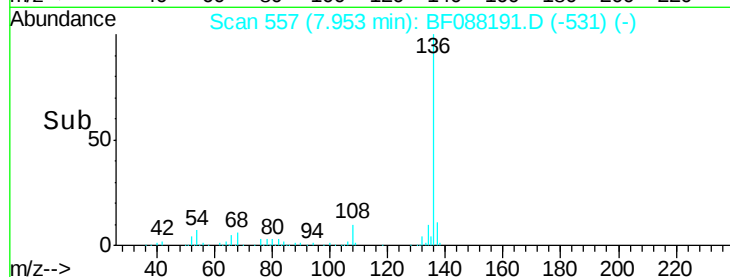


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.16 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Tgt Ion:105 Resp: 290554

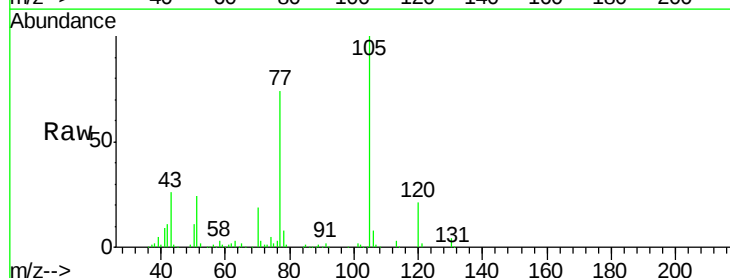
Ion Ratio Lower Upper

105 100

71 3.3 5.3 7.9#

51 24.0 18.2 27.4

120 21.1 18.0 27.0

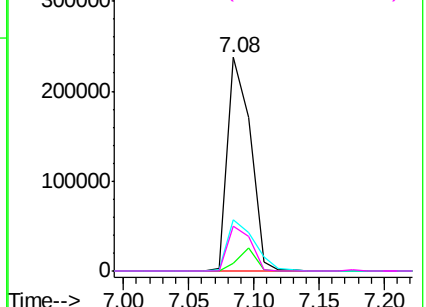
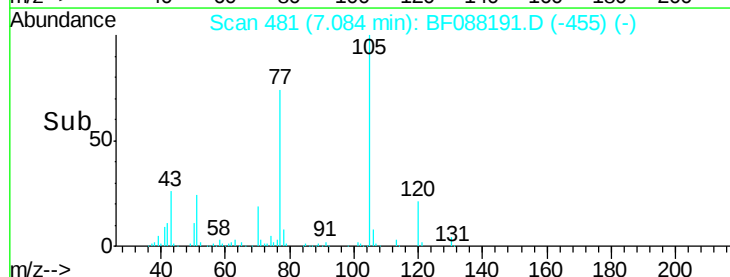


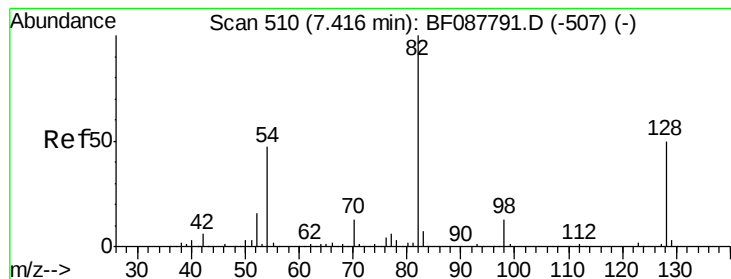
Abundance Ion 105.00 (104.70 to 105.70): E

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: 78.51 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

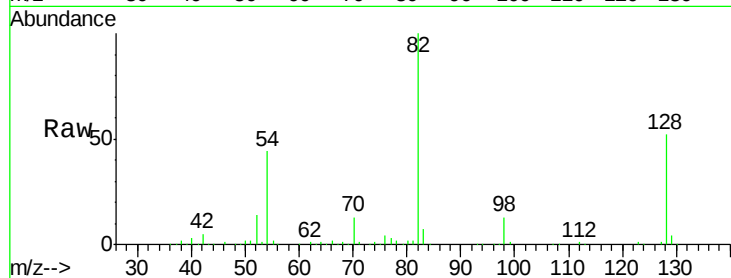
Tgt Ion: 82 Resp: 435342

Ion Ratio Lower Upper

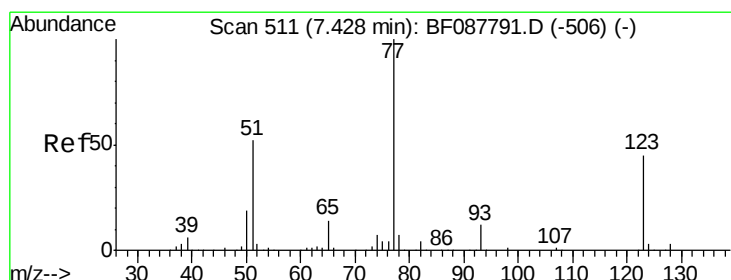
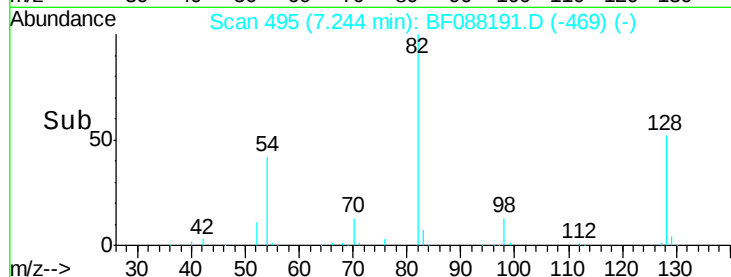
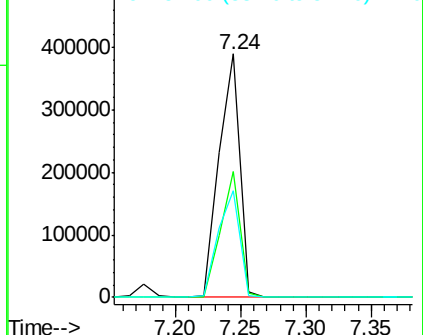
82 100

128 51.5 35.9 53.9

54 43.8 40.9 61.3



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



#24

Nitrobenzene

Concen: 36.73 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

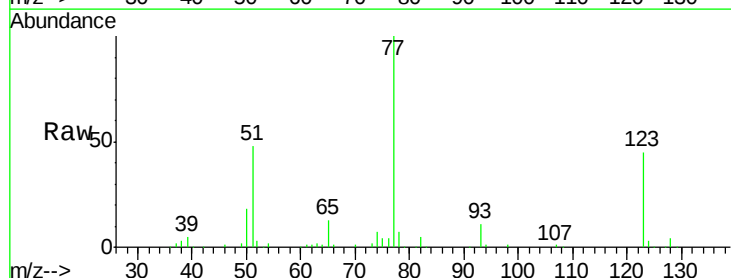
Tgt Ion: 77 Resp: 197260

Ion Ratio Lower Upper

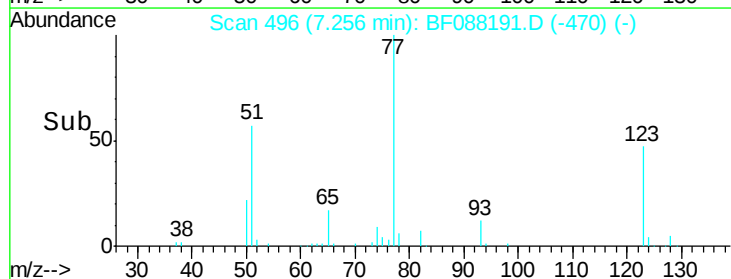
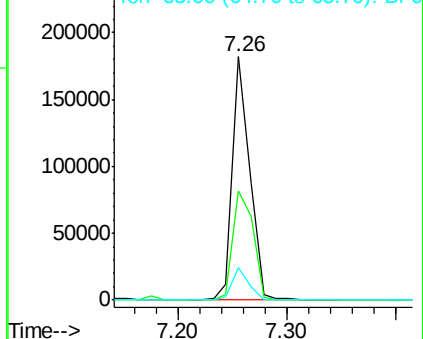
77 100

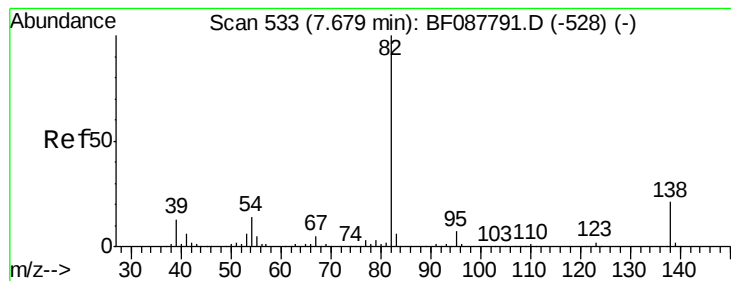
123 44.7 45.0 67.4#

65 13.3 10.2 15.2



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





#25

Isophorone

Concen: 37.76 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

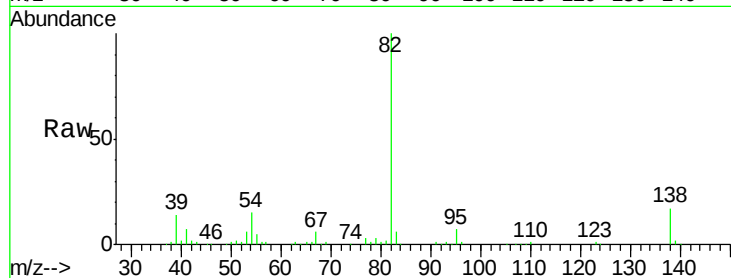
Tgt Ion: 82 Resp: 387816

Ion Ratio Lower Upper

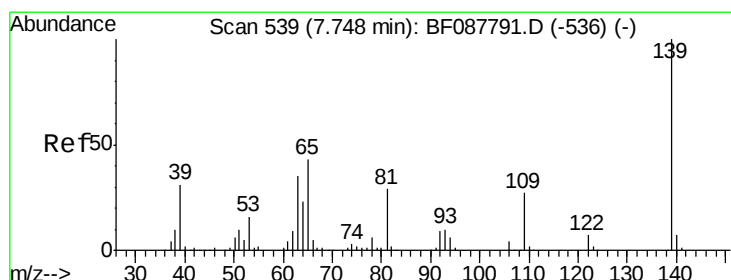
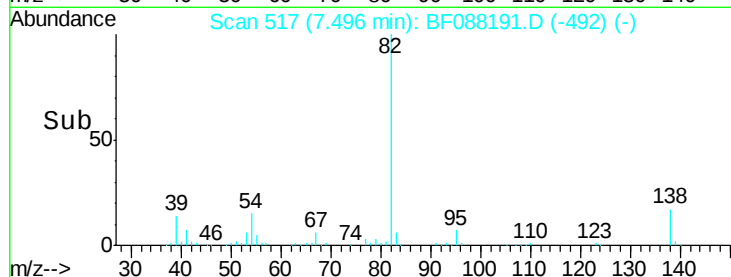
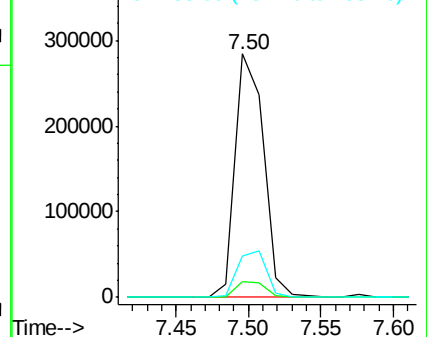
82 100

95 6.7 5.4 8.2

138 16.8 14.6 21.8



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: 41.81 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

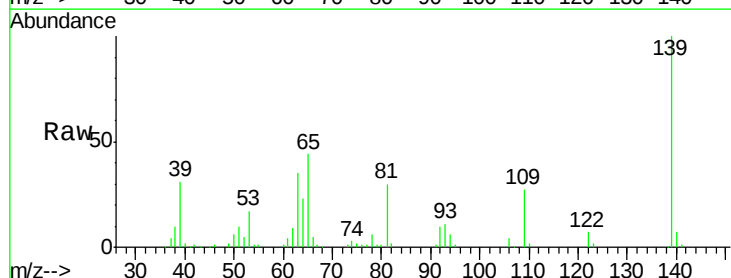
Tgt Ion: 139 Resp: 120289

Ion Ratio Lower Upper

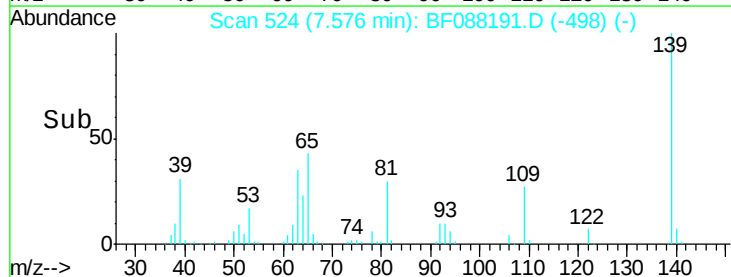
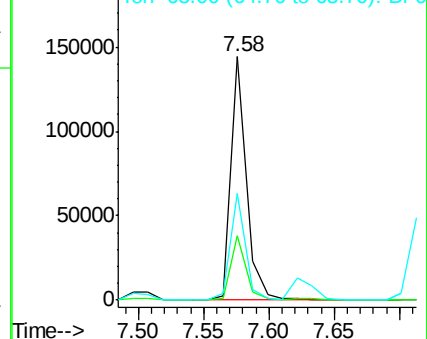
139 100

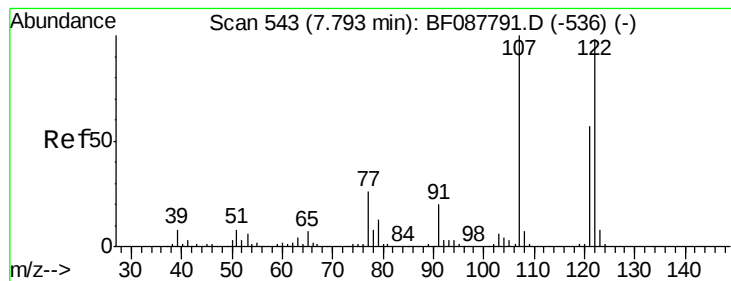
109 26.6 23.0 34.4

65 43.7 45.8 68.8#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 36.34 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

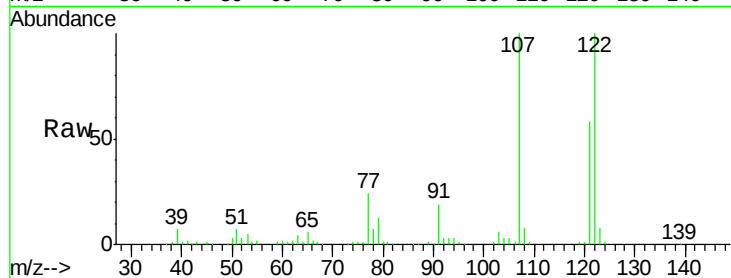
Tgt Ion: 122 Resp: 192510

Ion Ratio Lower Upper

122 100

107 100.0 82.4 123.6

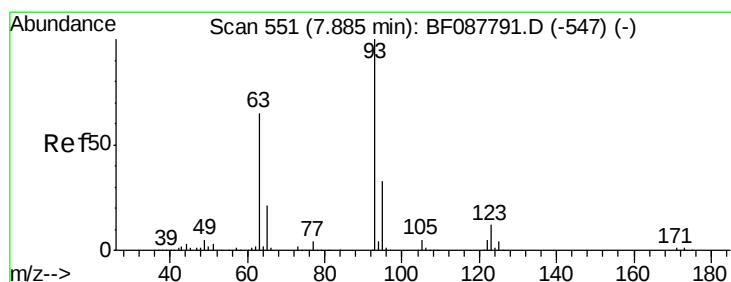
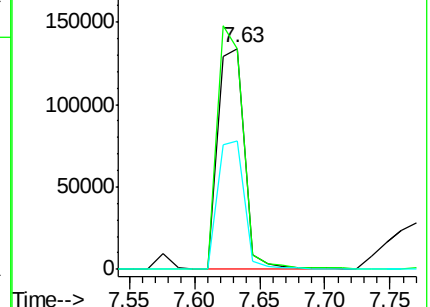
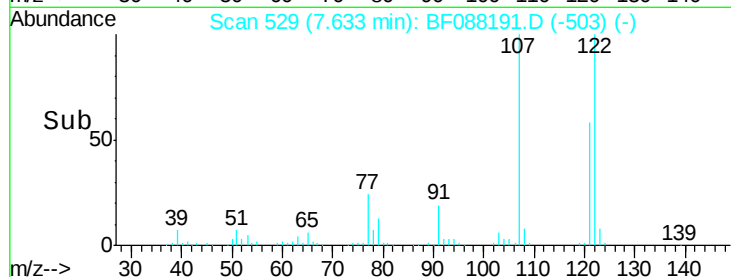
121 58.1 46.3 69.5



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: 7.71 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

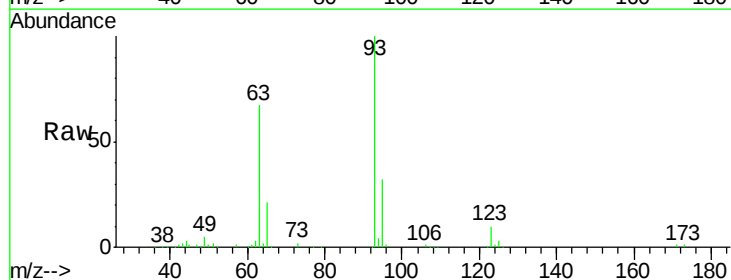
Tgt Ion: 93 Resp: 237798

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

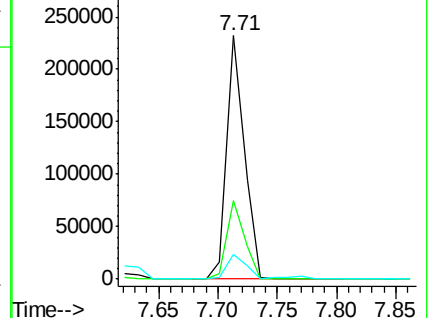
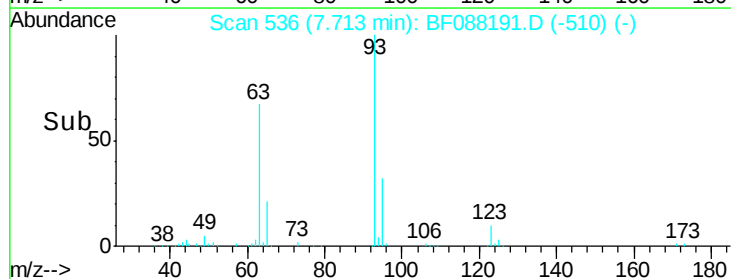
123 10.3 11.6 17.4#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

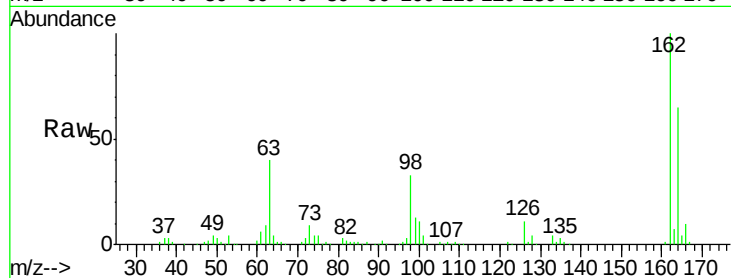




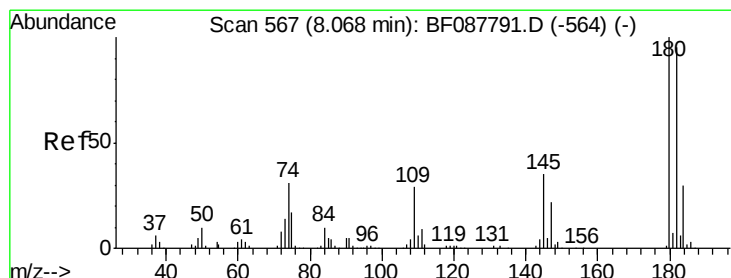
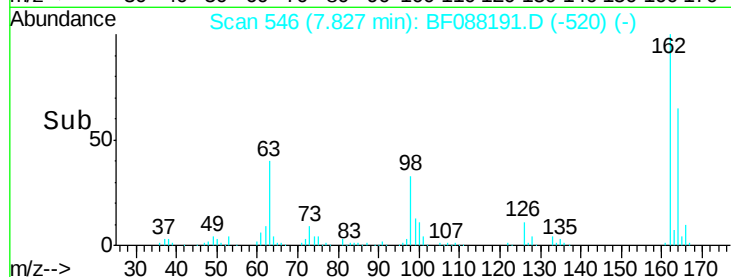
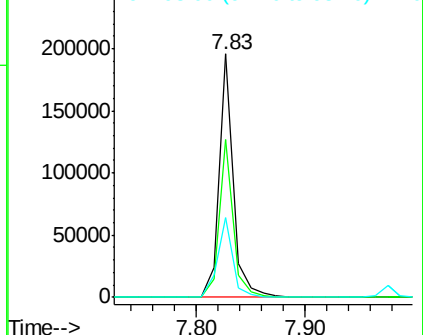
#29
 2,4-Dichlorophenol
 Concen: 40.11 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	43.8	83.8
98	32.9	21.3	61.3

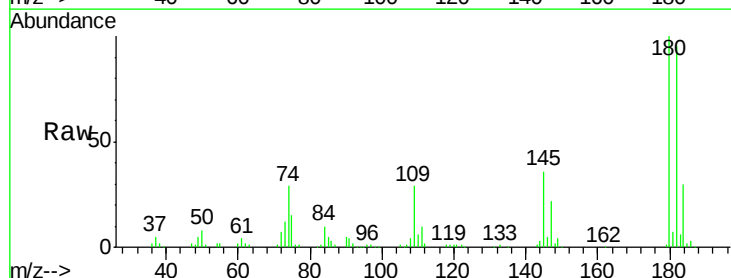


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

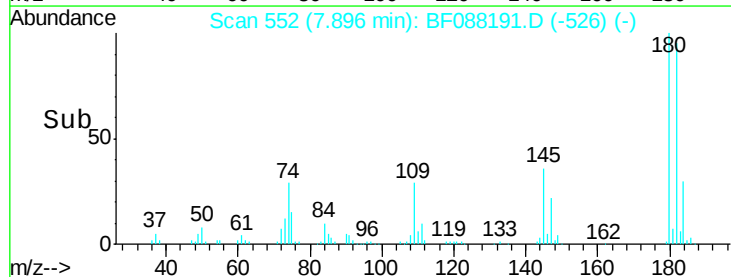
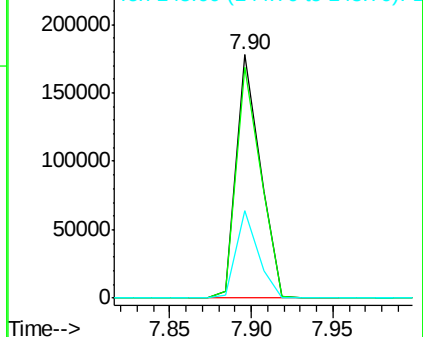


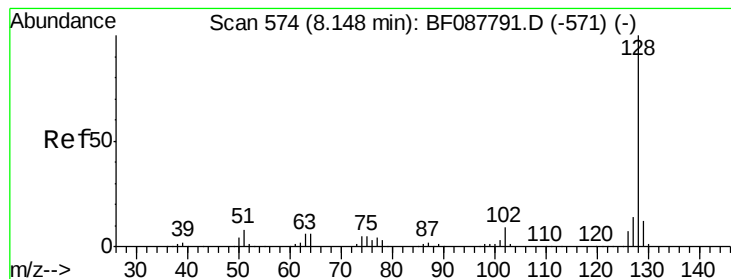
#30
 1,2,4-Trichlorobenzene
 Concen: 37.53 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.0	114.0
145	35.7	26.5	39.7



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: 39.92 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

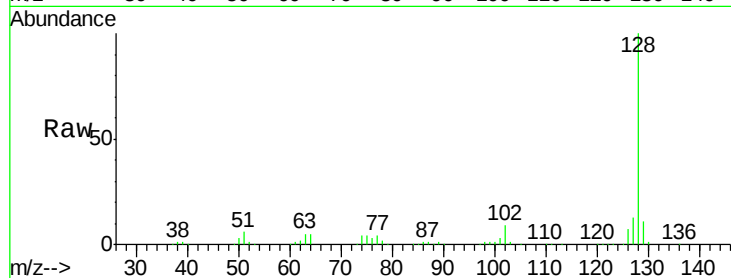
Tgt Ion:128 Resp: 639612

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

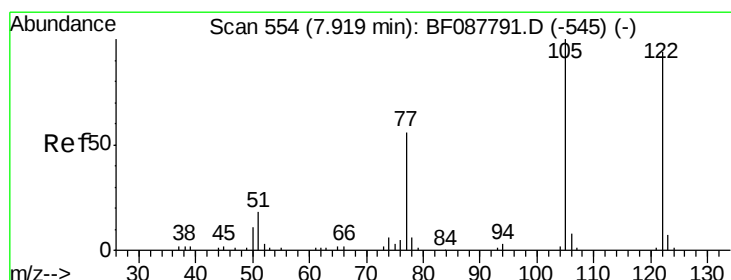
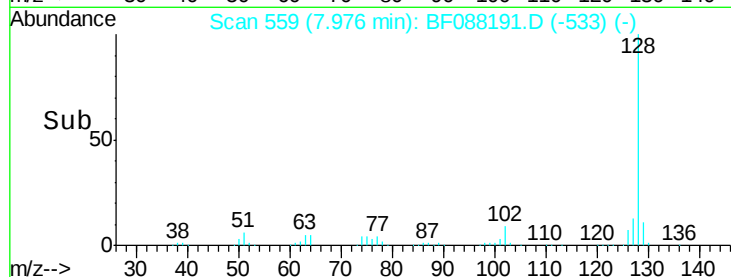
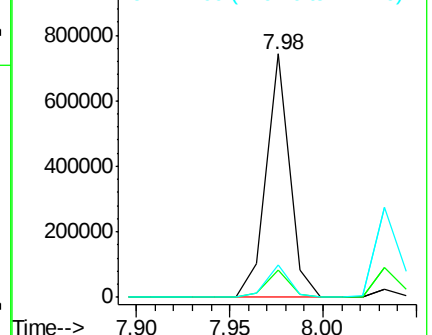
127 13.5 10.9 16.3



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: 23.24 ng

RT: 7.77 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

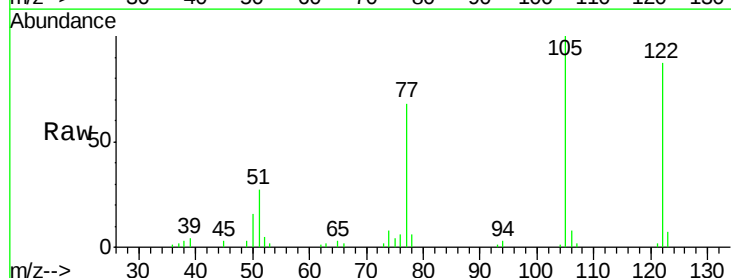
Tgt Ion:122 Resp: 67784

Ion Ratio Lower Upper

122 100

105 114.3 101.6 141.6

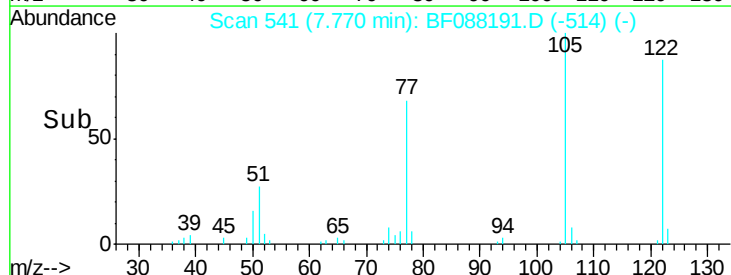
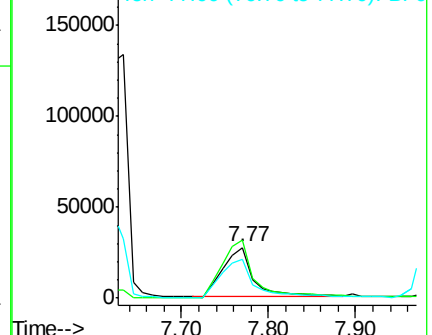
77 77.3 70.6 110.6



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

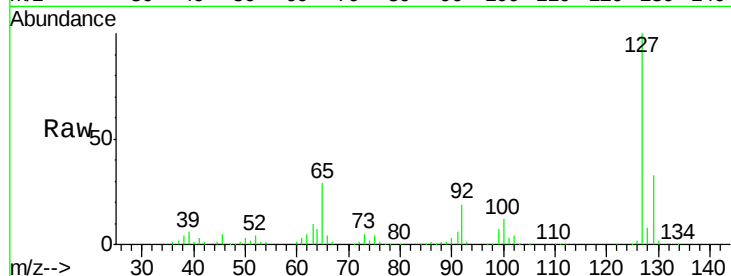




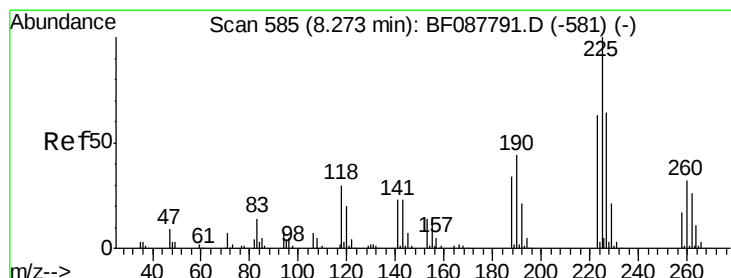
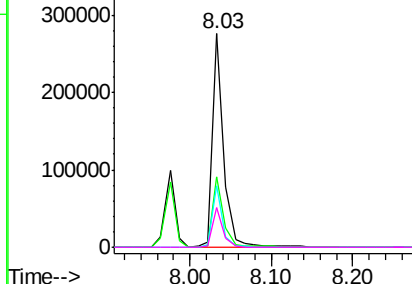
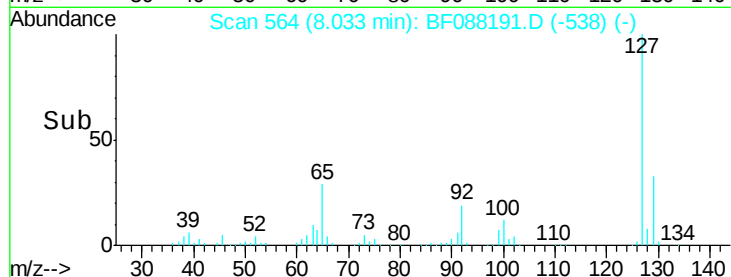
#33
4-Chloroaniline
Concen: 37.01 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF088191.D
Acq: 21 Jun 2016 1:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	264809
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	28.9	24.7	37.1
92	18.9	15.4	23.0

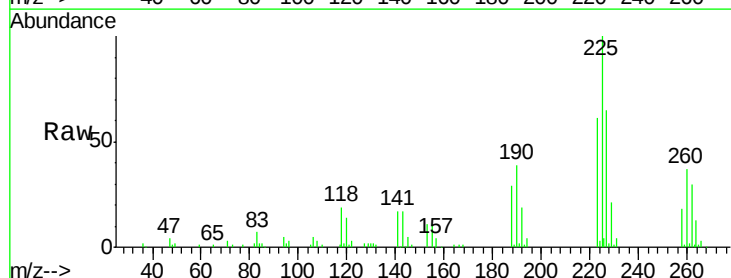


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

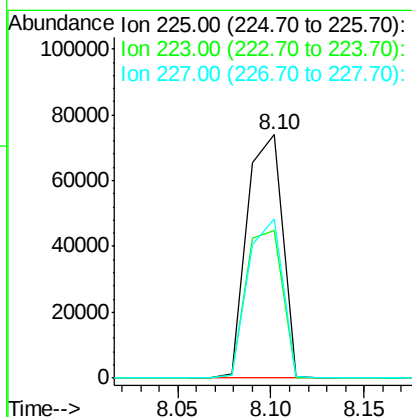
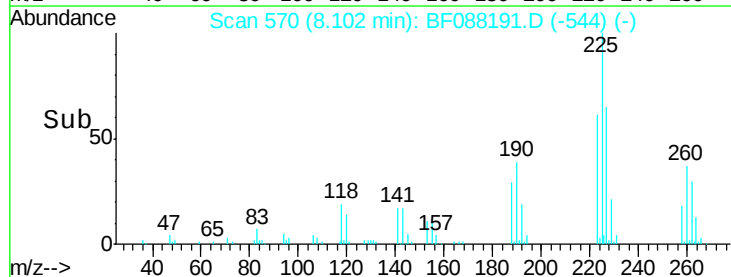


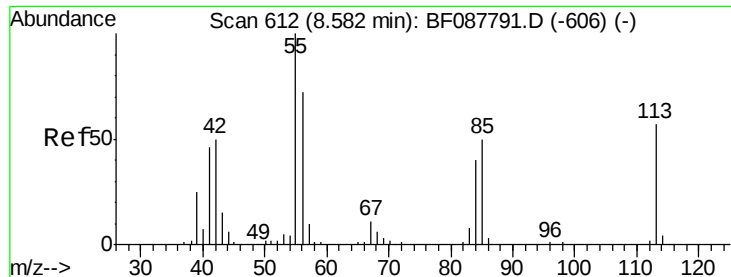
#34
Hexachlorobutadiene
Concen: 38.19 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF088191.D
Acq: 21 Jun 2016 1:15

Tgt Ion:	225	Resp:	97007
Ion	Ratio	Lower	Upper
225	100		
223	60.7	50.9	76.3
227	65.2	51.9	77.9



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

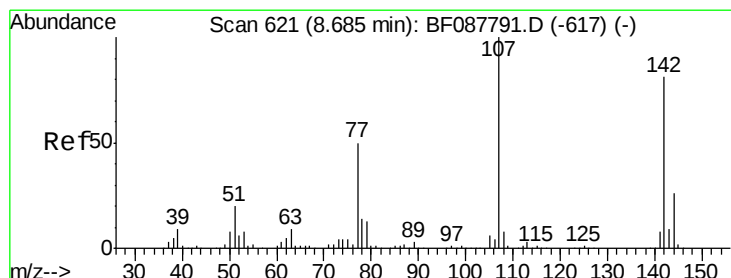
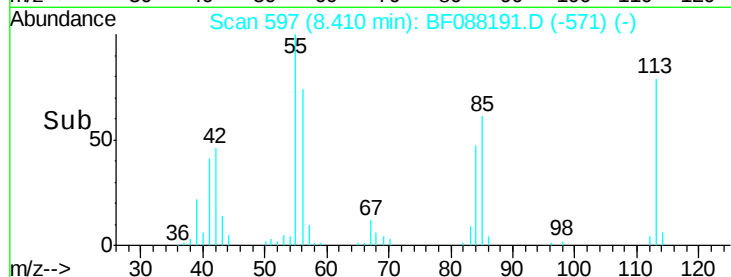
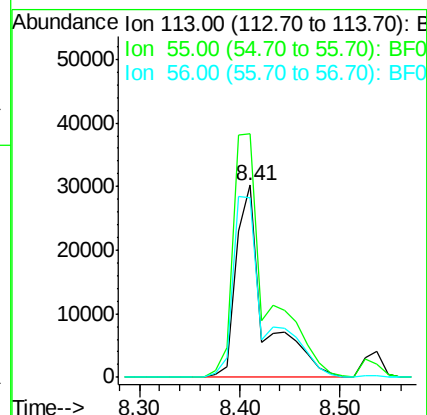
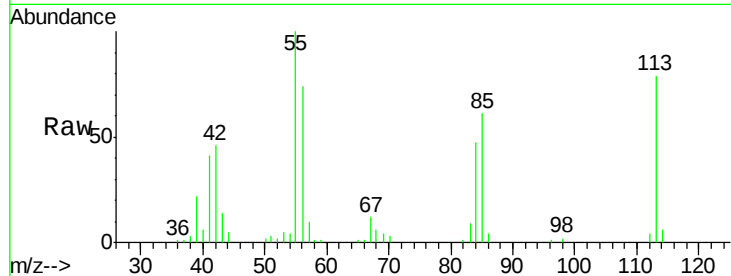




#35
 Caprolactam
 Concen: 40.30 ng
 RT: 8.41 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

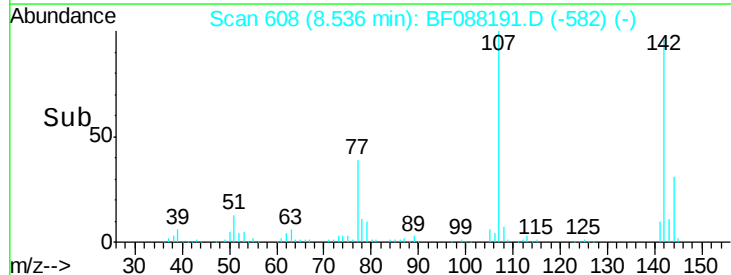
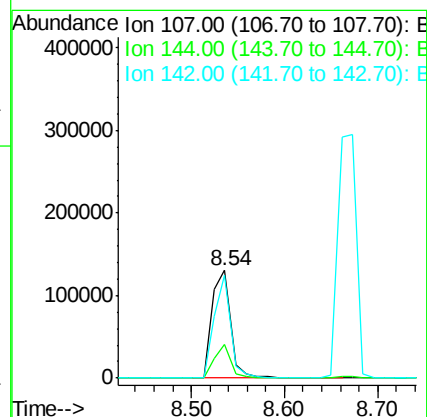
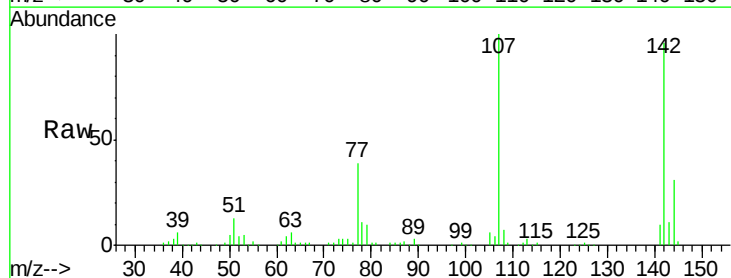
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

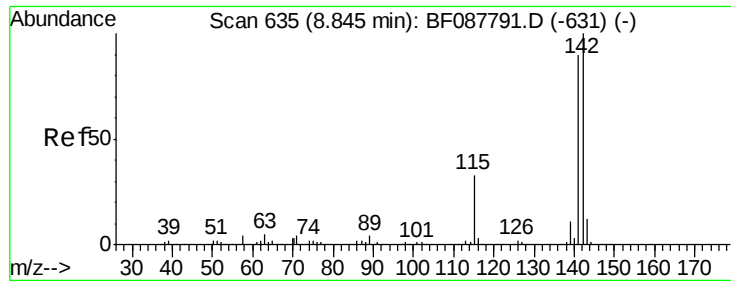
Tgt Ion:113 Resp: 59046
 Ion Ratio Lower Upper
 113 100
 55 126.9 158.6 198.6#
 56 93.6 110.6 150.6#



#36
 4-Chloro-3-methylphenol
 Concen: 38.47 ng
 RT: 8.54 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

Tgt Ion:107 Resp: 181961
 Ion Ratio Lower Upper
 107 100
 144 30.9 20.8 31.2
 142 95.6 63.4 95.2#

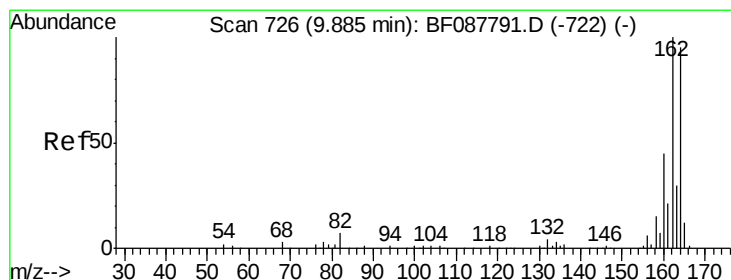
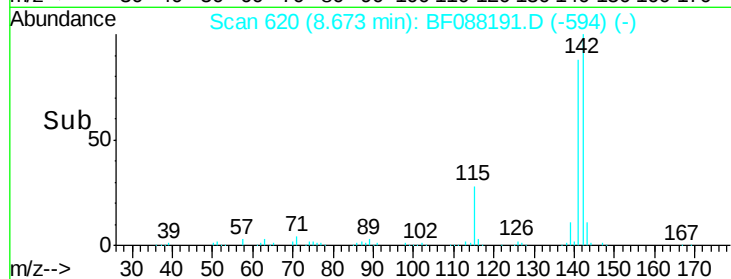
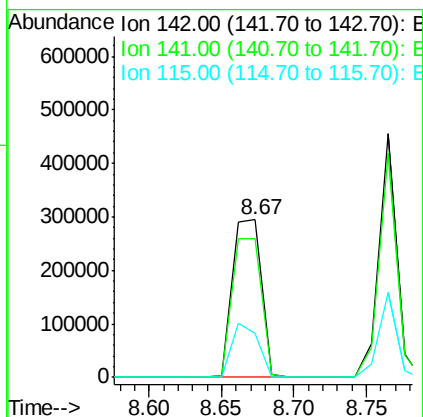
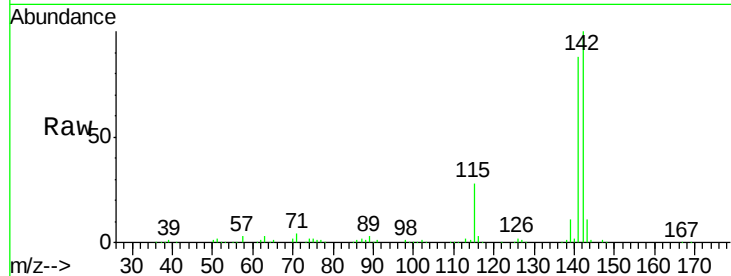




#37
 2-Methylnaphthalene
 Concen: 38.80 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

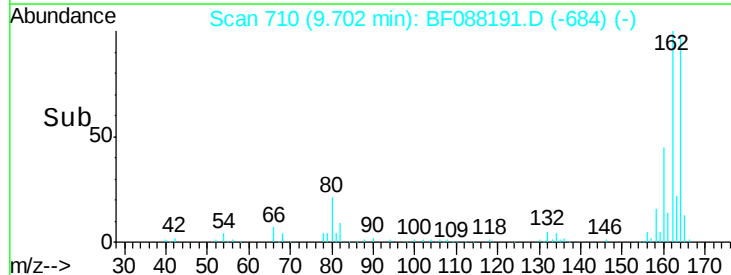
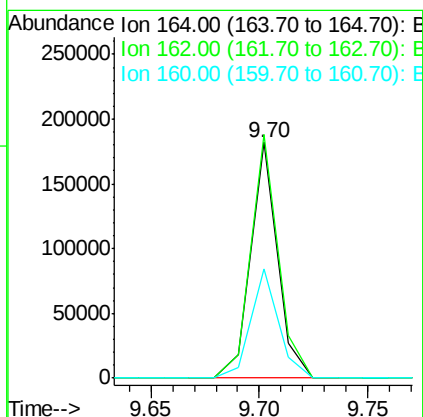
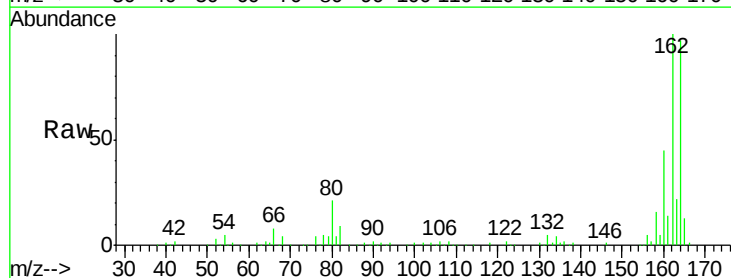
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:142 Resp: 409780
 Ion Ratio Lower Upper
 142 100
 141 88.2 71.0 106.6
 115 28.1 22.6 33.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

Tgt Ion:164 Resp: 155312
 Ion Ratio Lower Upper
 164 100
 162 103.3 85.4 128.2
 160 46.6 39.5 59.3

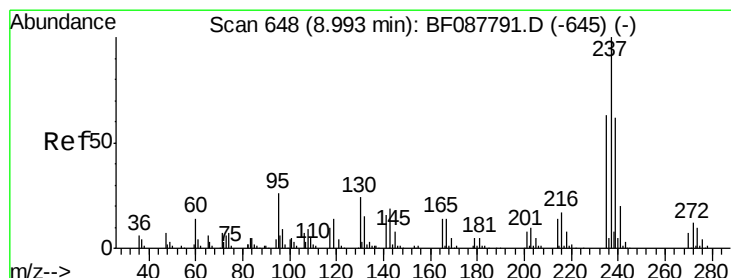
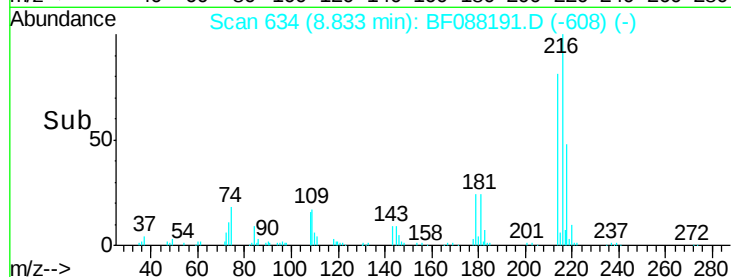
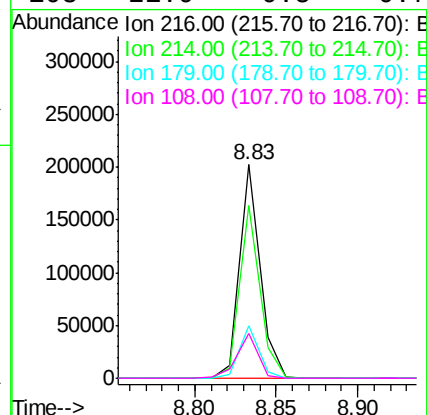
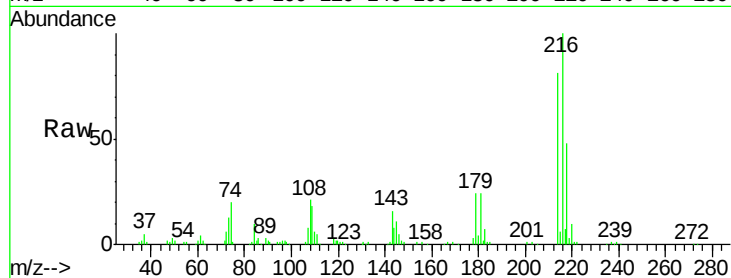




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.30 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

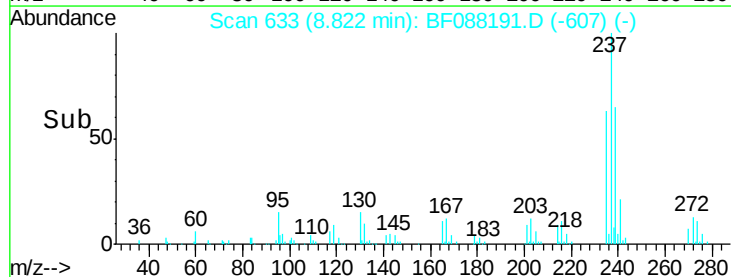
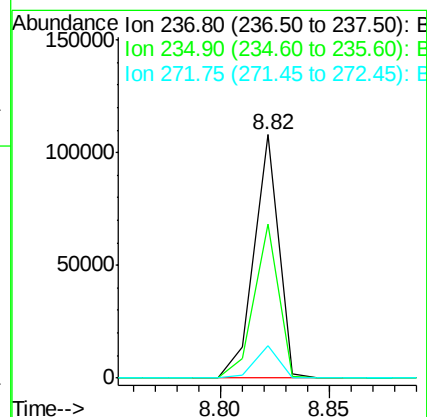
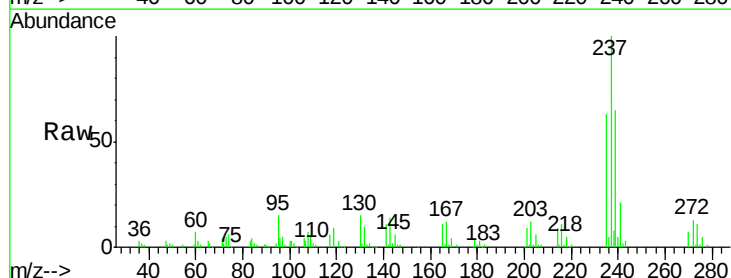
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:216 Resp: 174484
 Ion Ratio Lower Upper
 216 100
 214 80.4 2.9 4.3#
 179 23.5 0.0 0.0#
 108 21.9 0.5 0.7#



#40
 Hexachlorocyclopentadiene
 Concen: 33.85 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

Tgt Ion:237 Resp: 84796
 Ion Ratio Lower Upper
 237 100
 235 63.2 43.4 83.4
 272 13.2 0.0 32.3

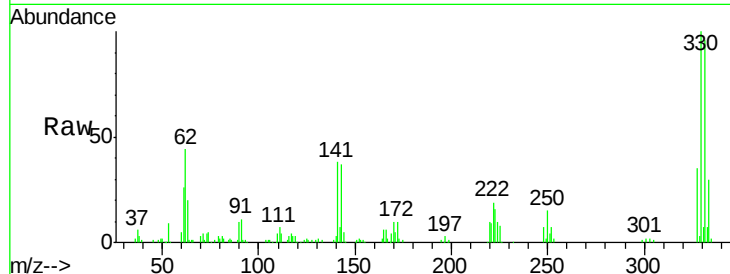




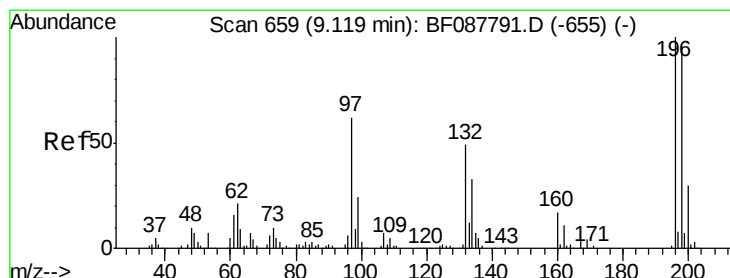
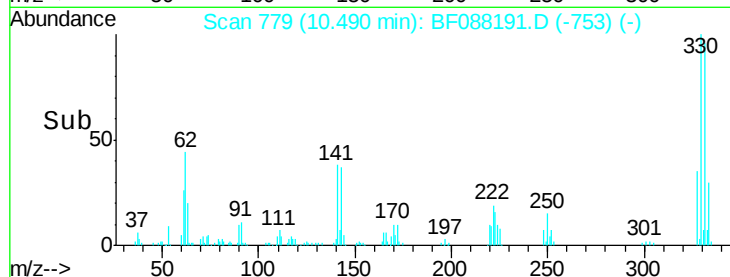
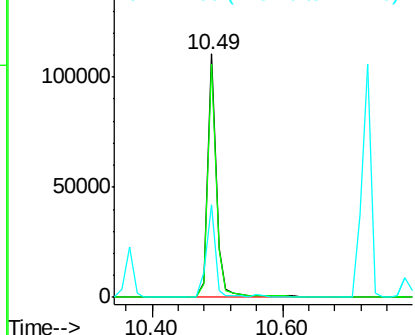
#41
 2,4,6-Tribromophenol
 Concen: 63.71 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	38.9	0.0	0.0#

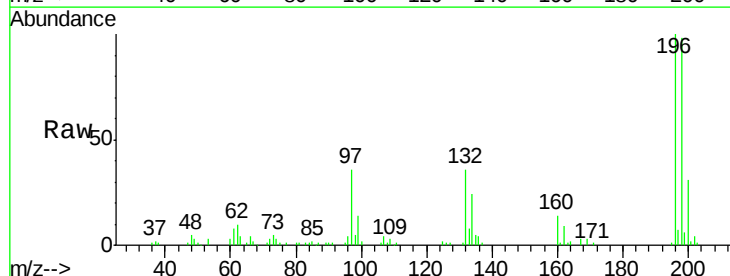


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

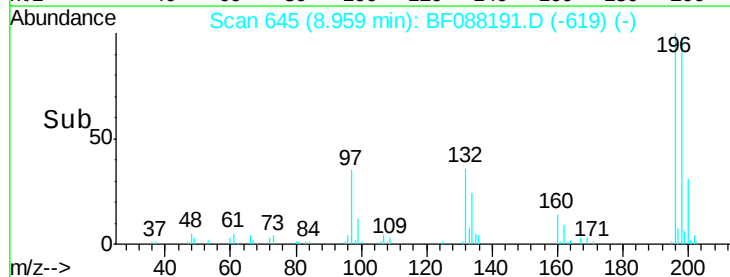
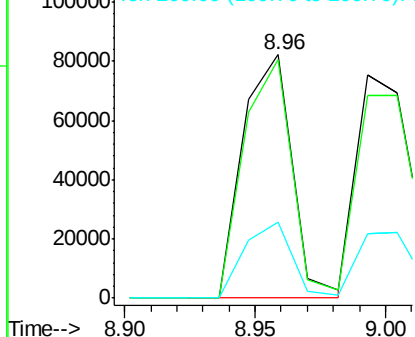


#42
 2,4,6-Trichlorophenol
 Concen: 34.96 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	78.0	117.0
200	31.0	25.4	38.2



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

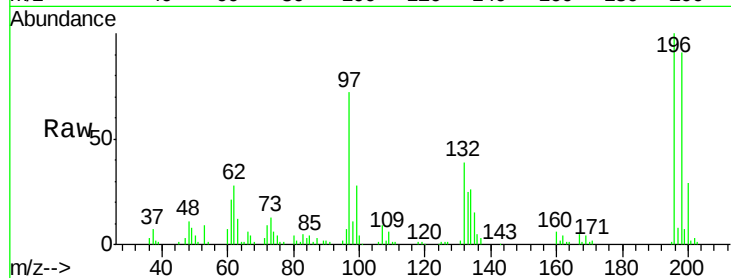




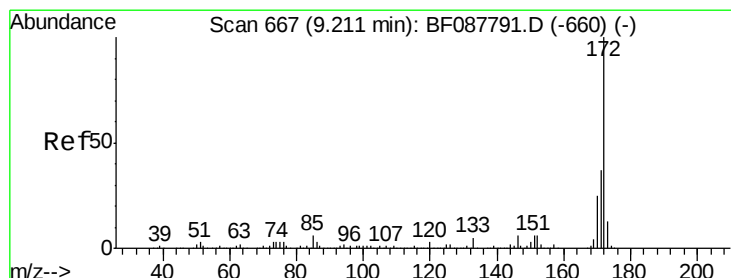
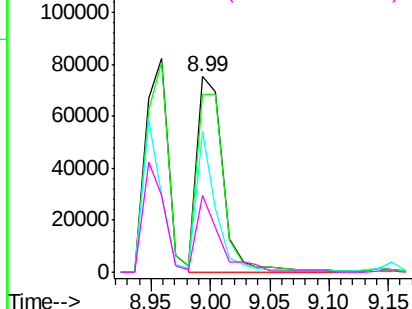
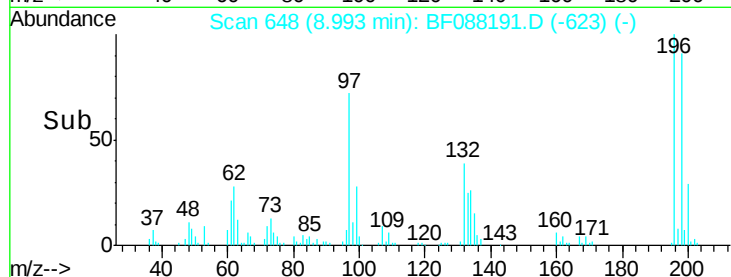
#43
 2,4,5-Trichlorophenol
 Concen: 36.28 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 117248
 Ion Ratio Lower Upper
 196 100
 198 90.9 77.5 116.3
 97 72.0 32.0 48.0#
 132 39.1 20.9 31.3#

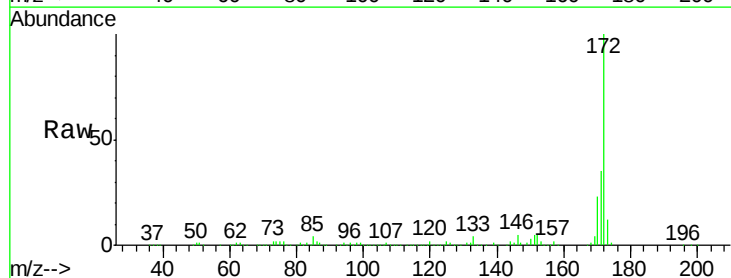


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

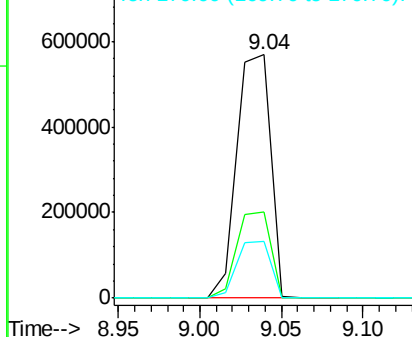
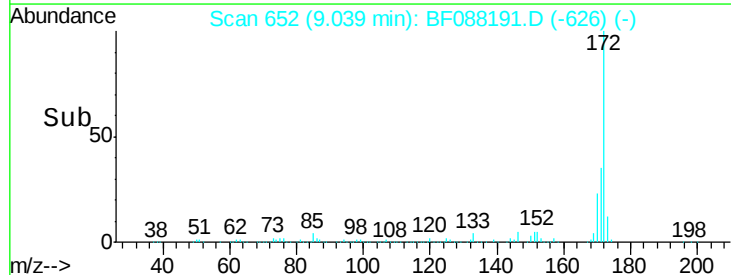


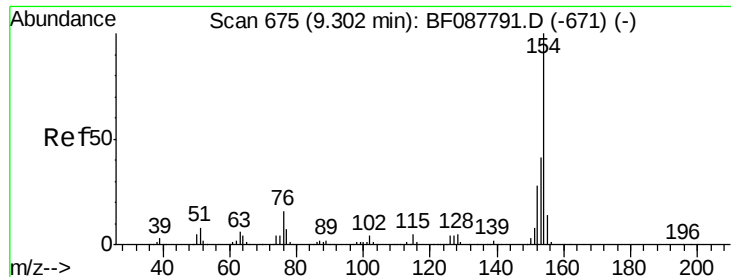
#44
 2-Fluorobiphenyl
 Concen: 81.91 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

Tgt Ion:172 Resp: 811831
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 23.4 19.2 28.8



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

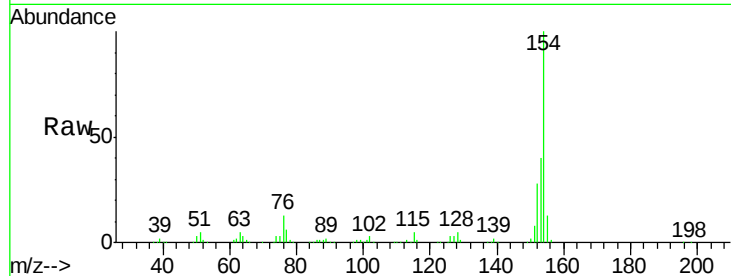




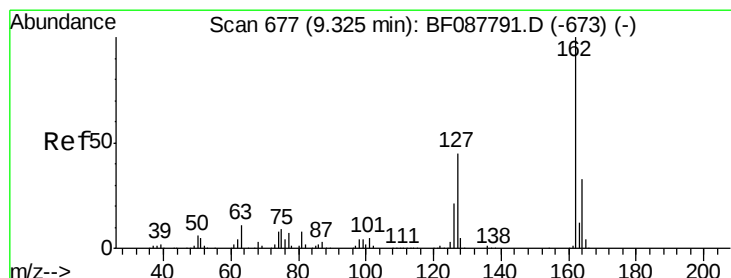
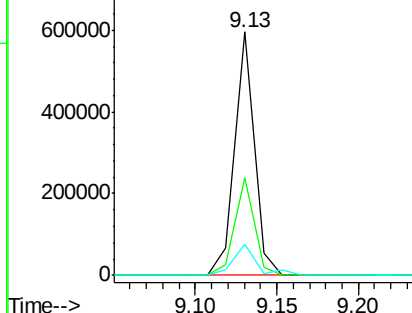
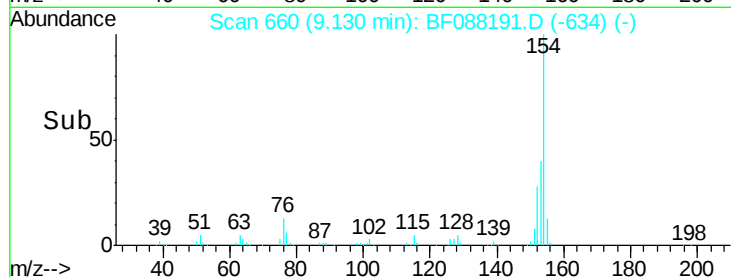
#45
 1,1'-Biphenyl
 Concen: 41.87 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.6	60.6
76	13.0	0.0	35.1

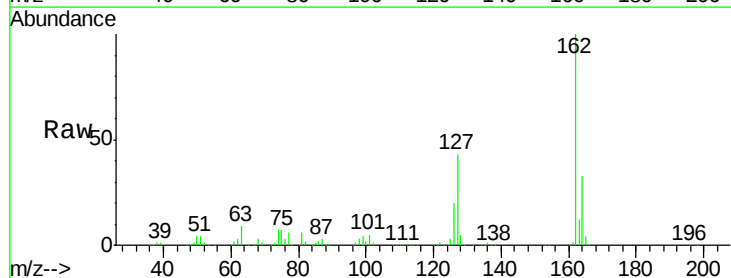


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

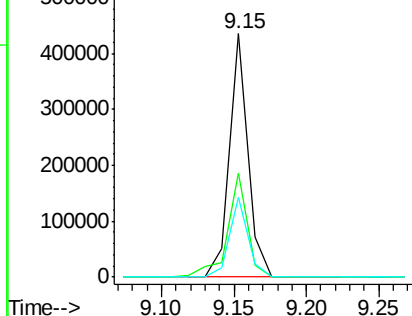
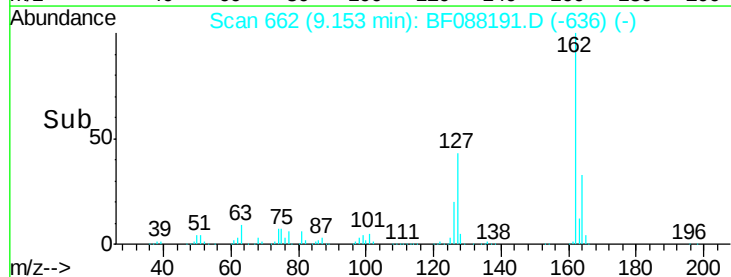


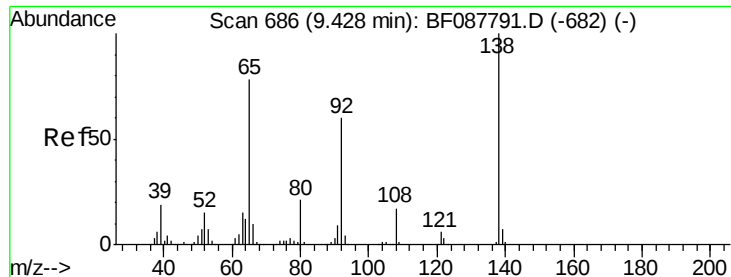
#46
 2-Chloronaphthalene
 Concen: 38.23 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.0	35.2	52.8
164	33.0	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

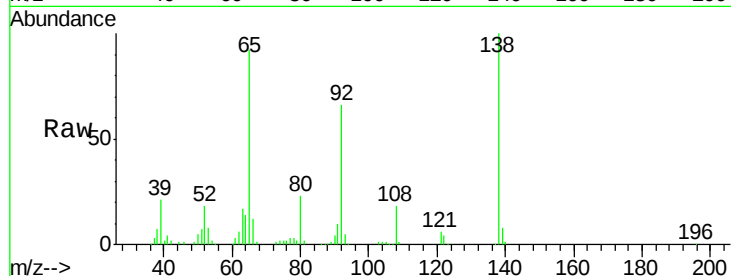




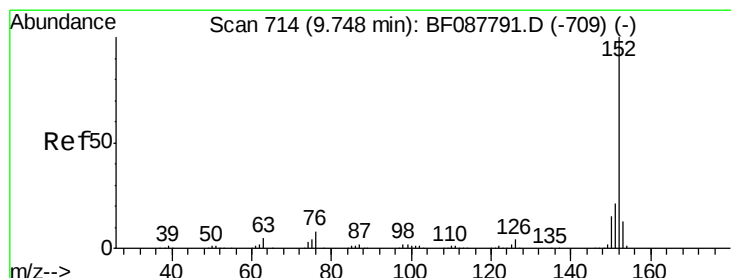
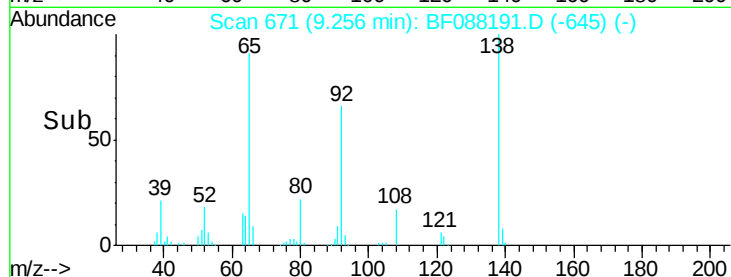
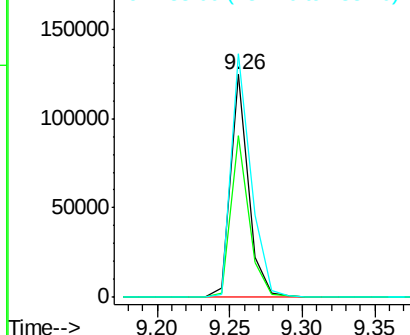
#47
 2-Nitroaniline
 Concen: 36.06 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 65 Resp: 106923
 Ion Ratio Lower Upper
 65 100
 92 72.3 54.6 82.0
 138 109.3 77.0 115.4

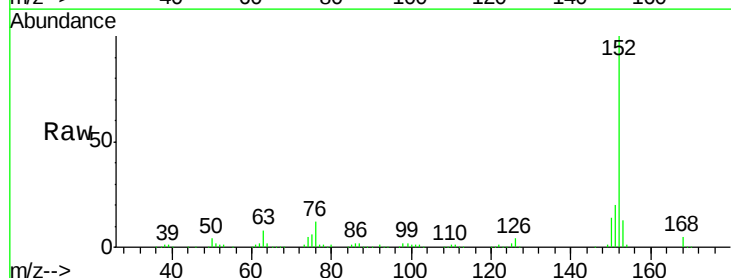


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

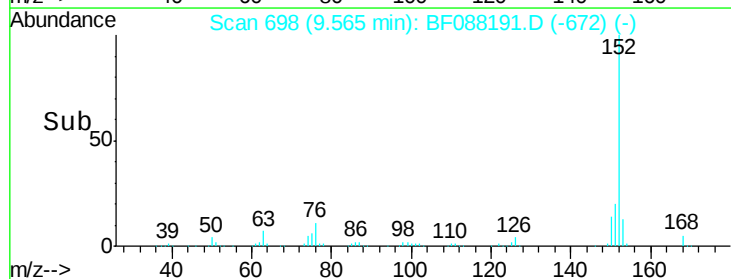
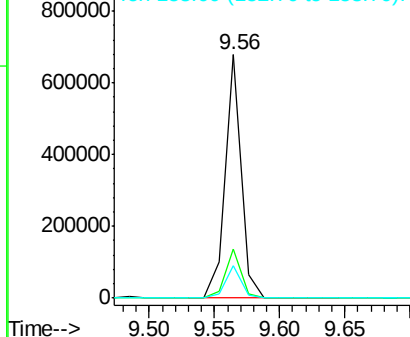


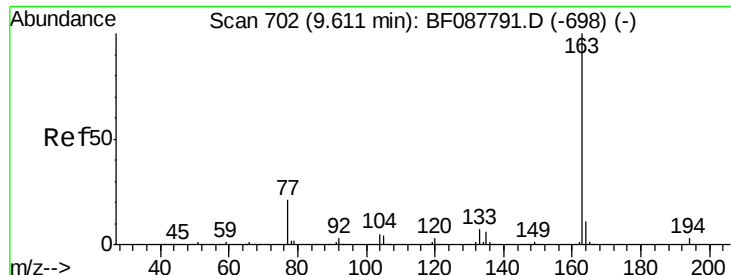
#48
 Acenaphthylene
 Concen: 36.36 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

Tgt Ion: 152 Resp: 581334
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.2 24.4
 153 13.4 11.0 16.6



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: 40.43 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

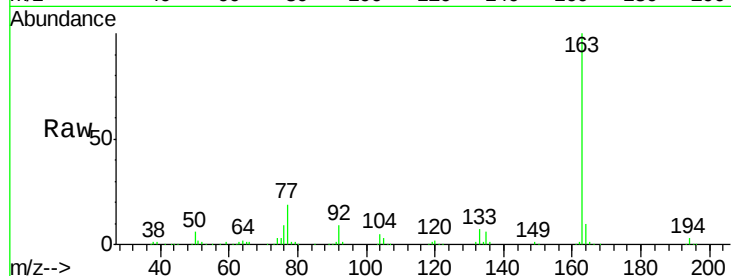
Tgt Ion:163 Resp: 454844

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

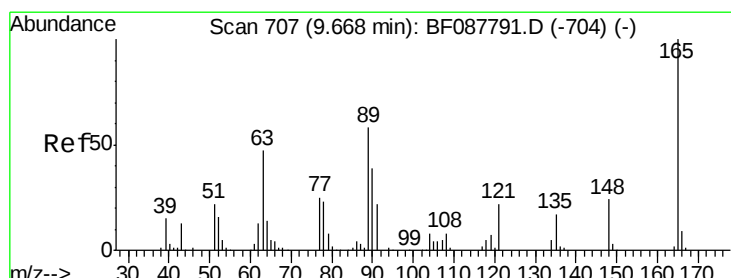
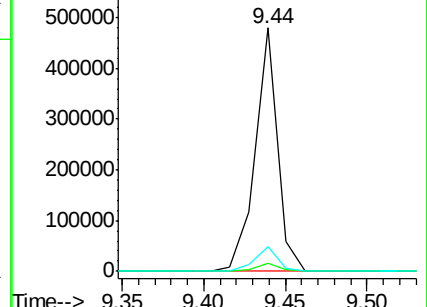
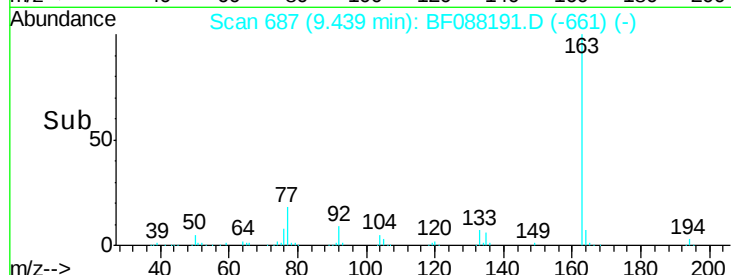
164 10.2 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.28 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

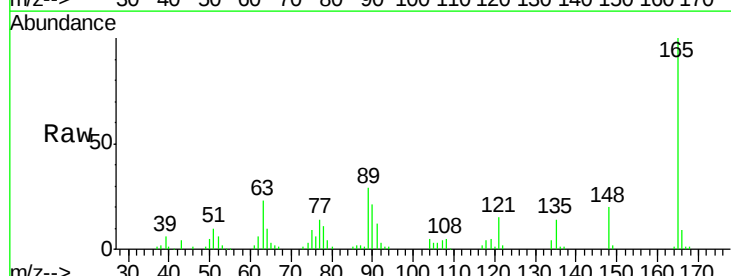
Tgt Ion:165 Resp: 101217

Ion Ratio Lower Upper

165 100

63 23.3 28.1 42.1#

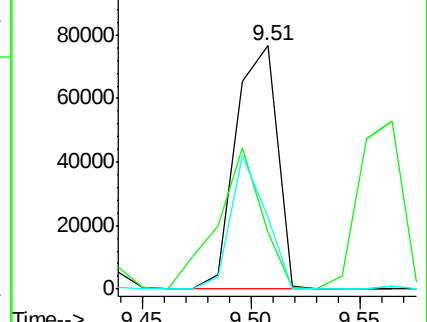
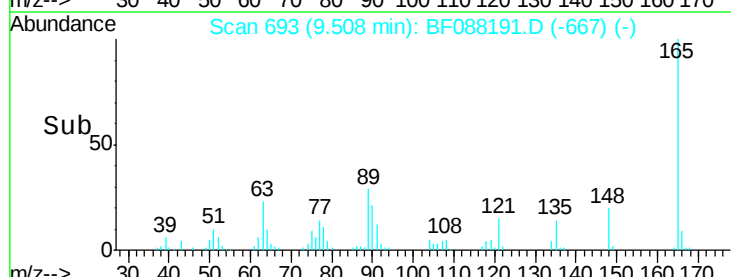
89 29.5 32.2 48.2#



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: 35.63 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

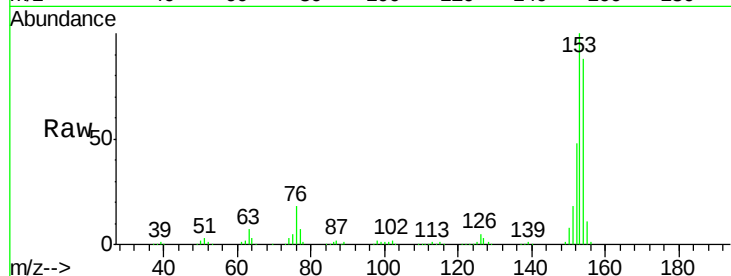
Tgt Ion:154 Resp: 355315

Ion Ratio Lower Upper

154 100

153 114.0 89.5 134.3

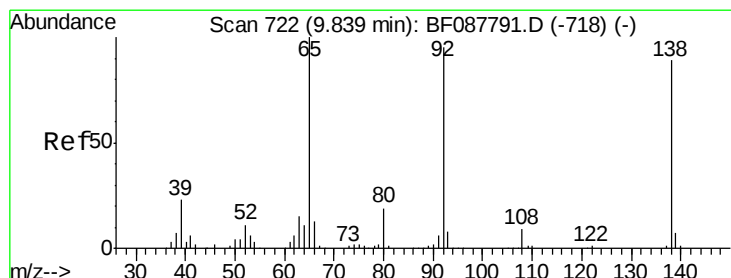
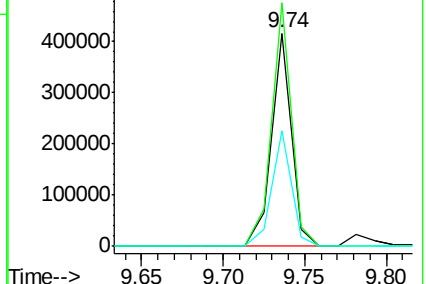
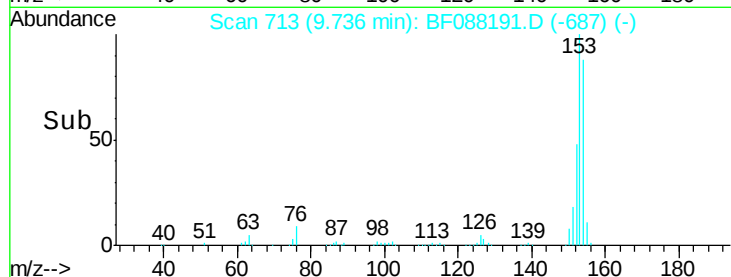
152 54.3 42.7 64.1



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: 36.05 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

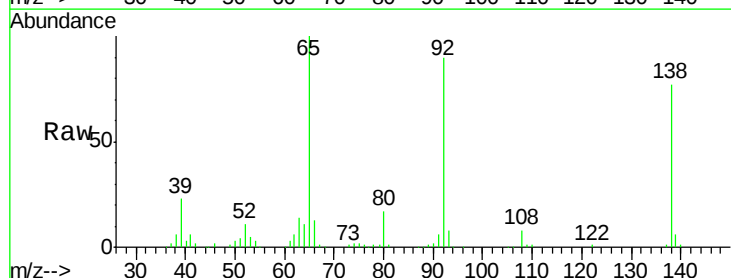
Tgt Ion:138 Resp: 107169

Ion Ratio Lower Upper

138 100

108 10.5 8.5 12.7

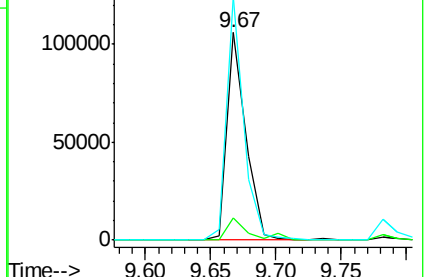
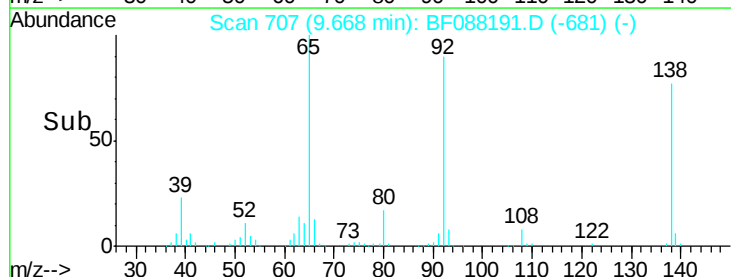
92 117.5 95.7 143.5

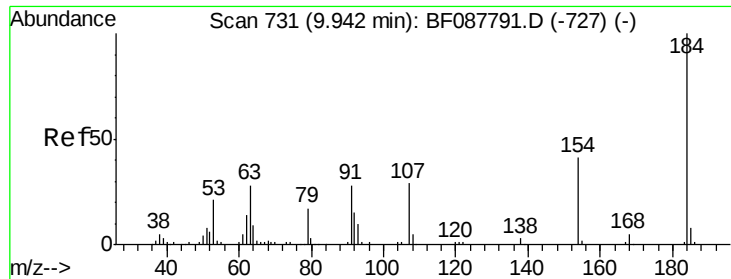


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

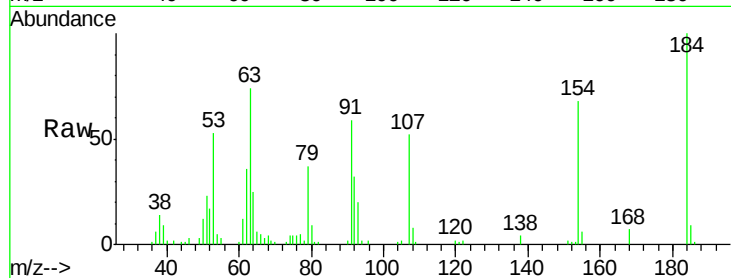




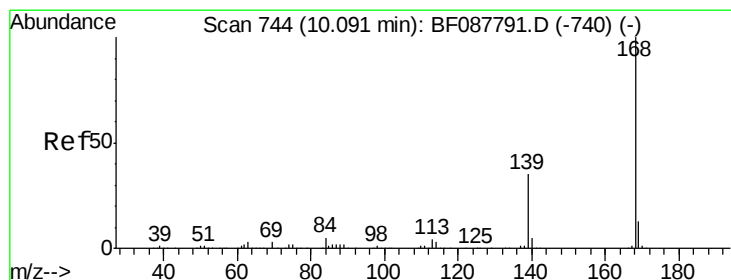
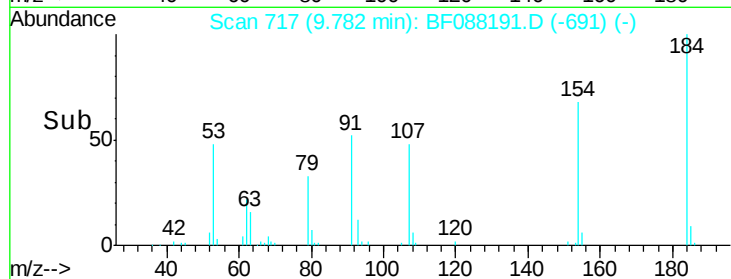
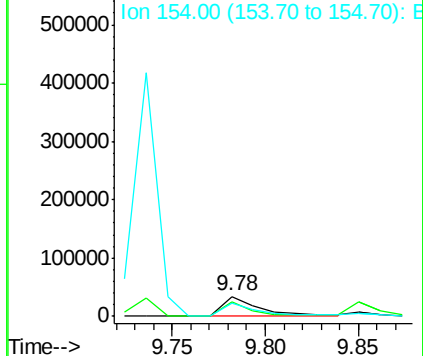
#53
2,4-Dinitrophenol
Concen: 40.53 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF088191.D
Acq: 21 Jun 2016 1:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 49016
Ion Ratio Lower Upper
184 100
63 74.0 57.6 86.4
154 68.4 53.5 80.3

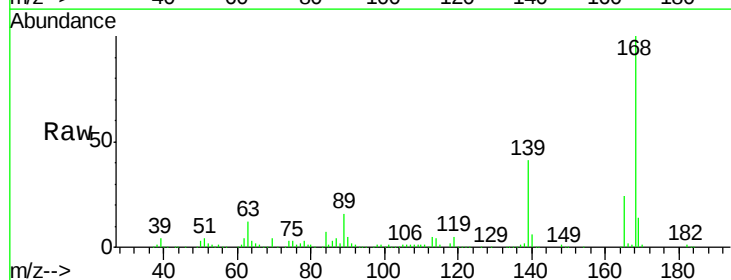


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

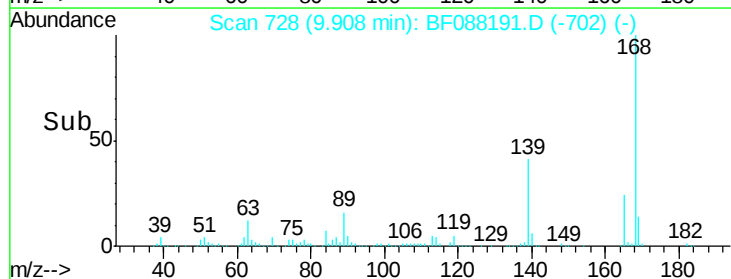
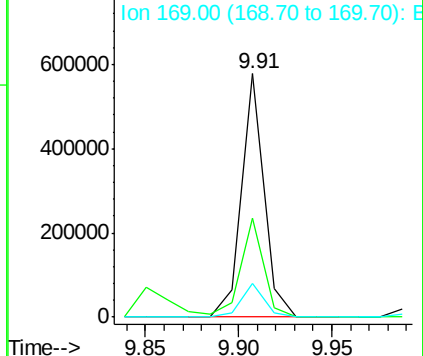


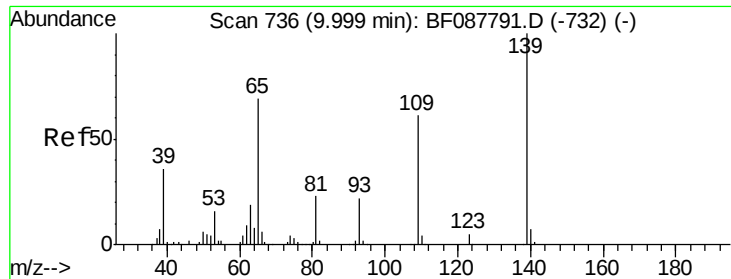
#54
Dibenzofuran
Concen: 35.59 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF088191.D
Acq: 21 Jun 2016 1:15

Tgt Ion:168 Resp: 488748
Ion Ratio Lower Upper
168 100
139 40.6 26.4 39.6#
169 13.7 10.4 15.6



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

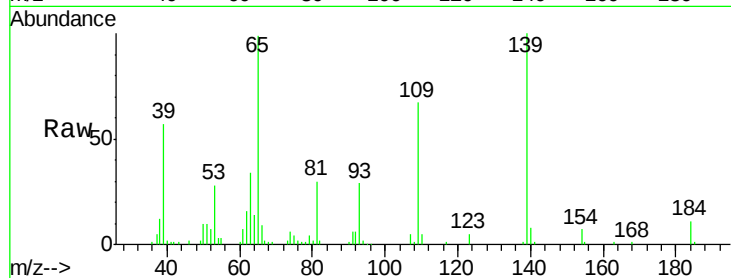




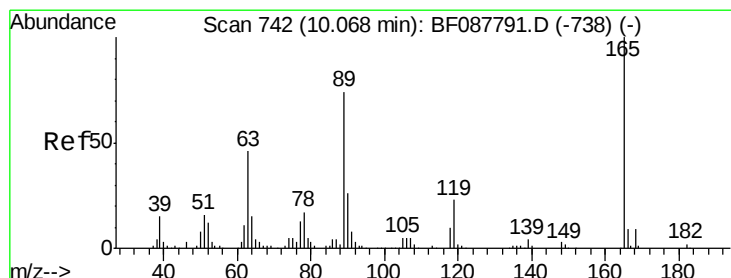
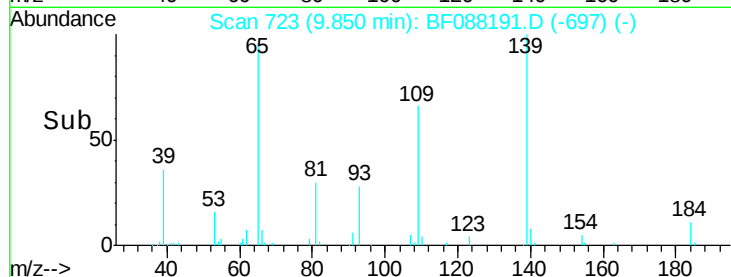
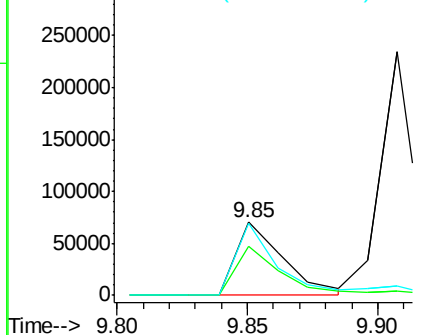
#55
4-Nitrophenol
Concen: 39.03 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF088191.D
Acq: 21 Jun 2016 1:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 90064
Ion Ratio Lower Upper
139 100
109 67.0 48.9 88.9
65 98.9 84.9 124.9

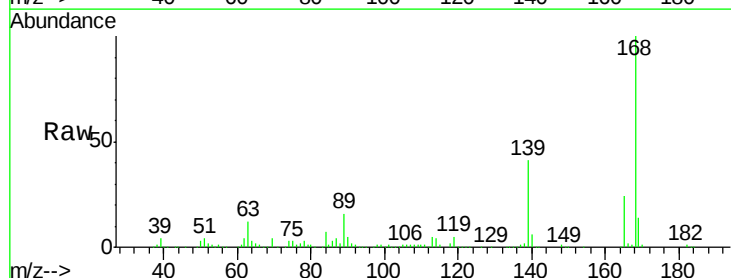


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

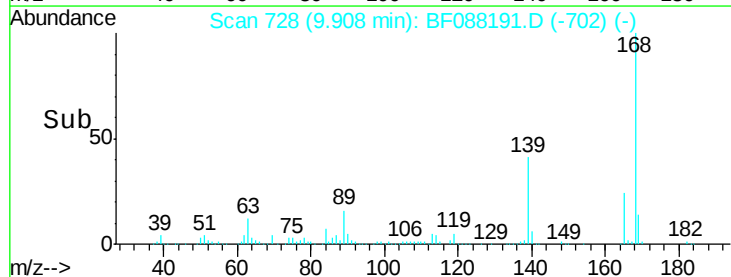
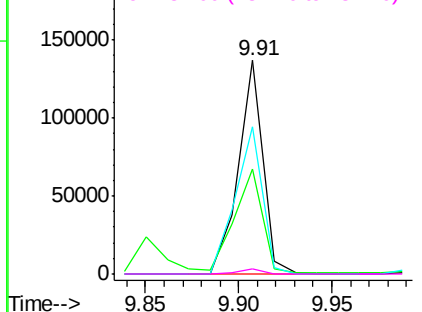


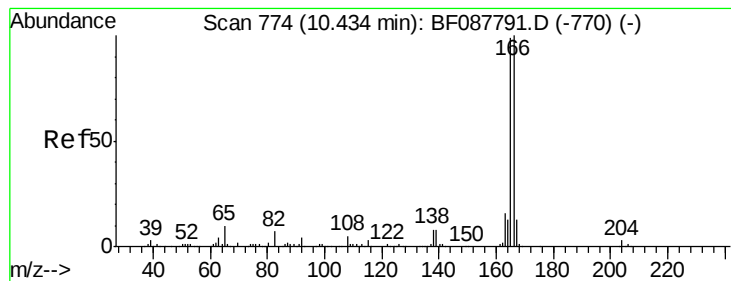
#56
2,4-Dinitrotoluene
Concen: 38.16 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF088191.D
Acq: 21 Jun 2016 1:15

Tgt Ion:165 Resp: 126344
Ion Ratio Lower Upper
165 100
63 49.0 22.0 33.0#
89 69.0 41.1 61.7#
182 2.4 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.25 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

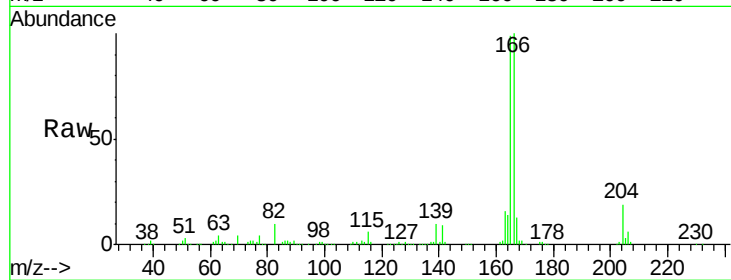
Tgt Ion:166 Resp: 419708

Ion Ratio Lower Upper

166 100

165 99.3 77.8 116.8

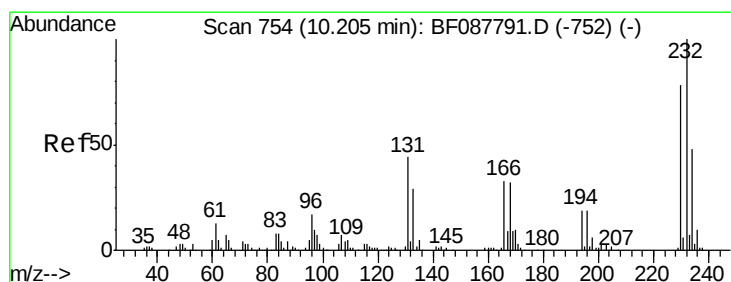
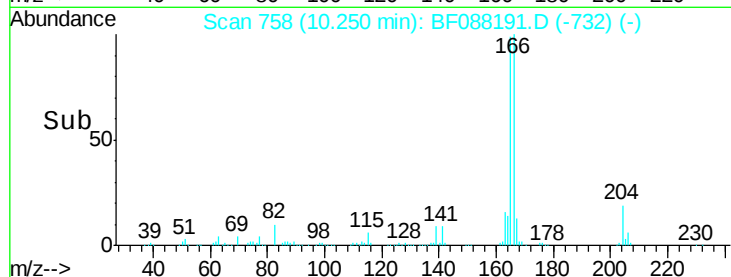
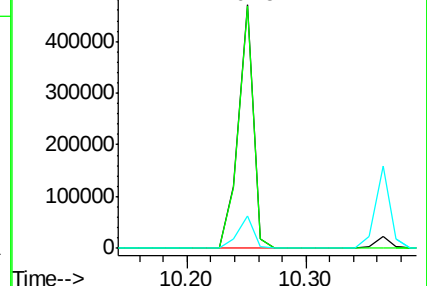
167 13.3 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.48 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Tgt Ion:232 Resp: 95173

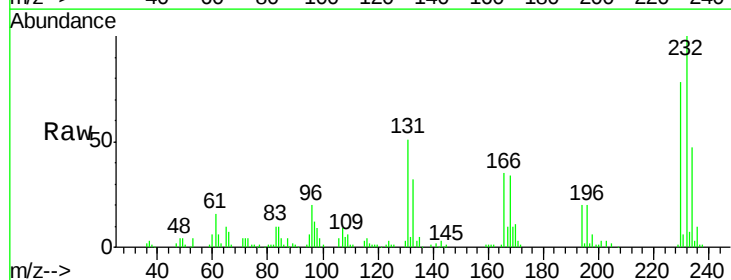
Ion Ratio Lower Upper

232 100

131 47.0 0.9 1.3#

130 2.1 1.5 2.3

166 30.1 0.5 0.7#

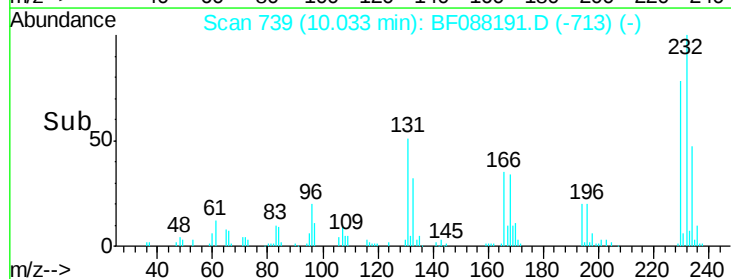
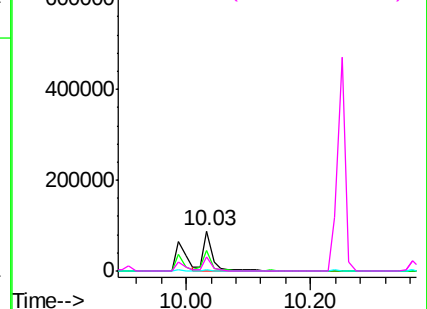


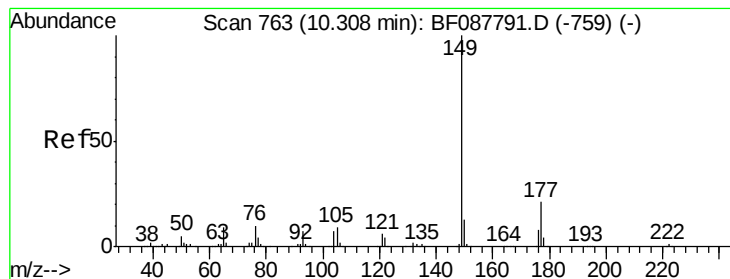
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.27 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

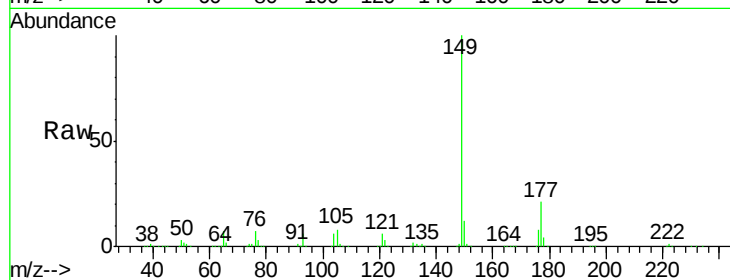
Tgt Ion:149 Resp: 481327

Ion Ratio Lower Upper

149 100

177 21.2 16.9 25.3

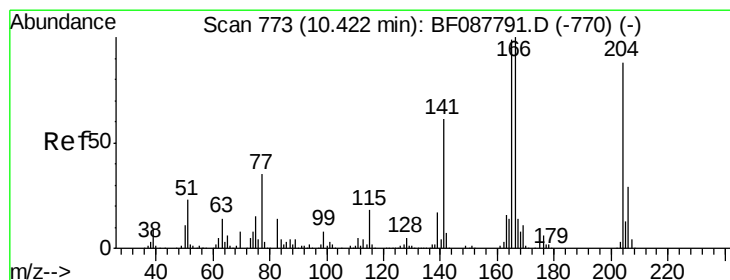
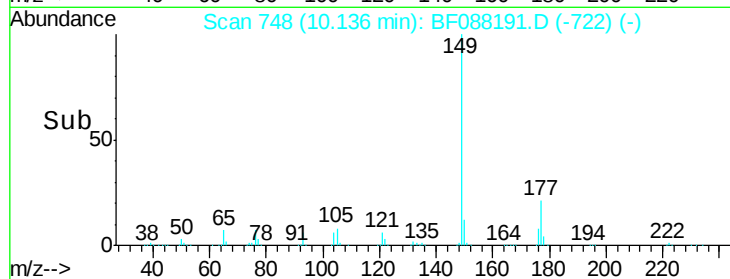
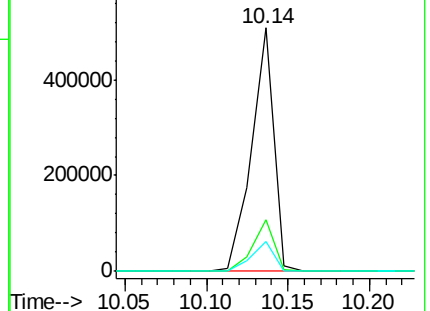
150 12.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.11 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

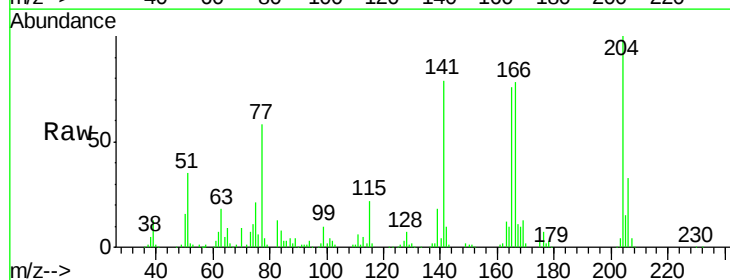
Tgt Ion:204 Resp: 169498

Ion Ratio Lower Upper

204 100

206 32.7 26.3 39.5

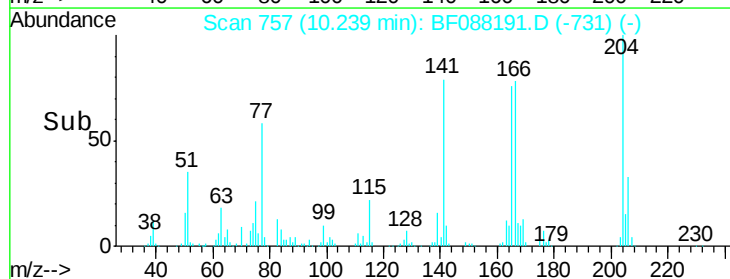
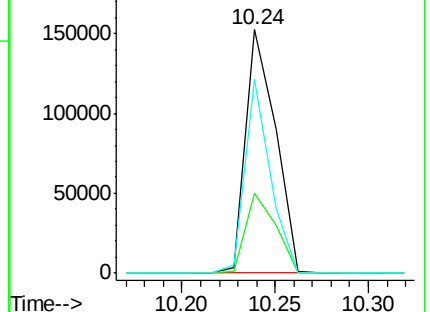
141 79.4 55.0 82.6

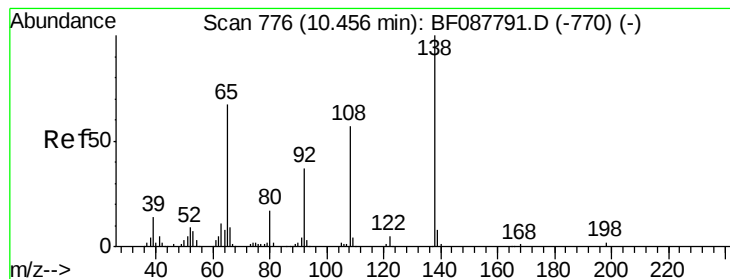


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.42 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

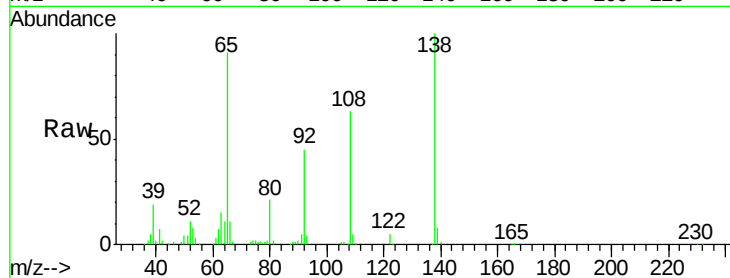
Tgt Ion:138 Resp: 125256

Ion Ratio Lower Upper

138 100

92 45.0 27.3 67.3

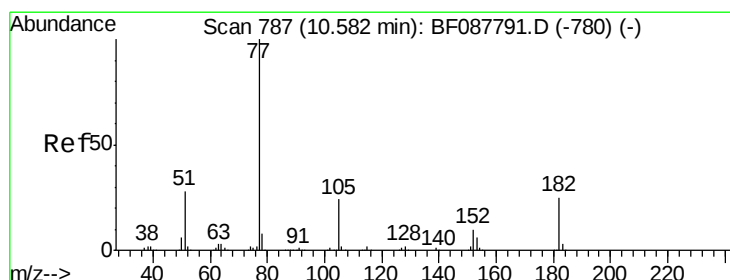
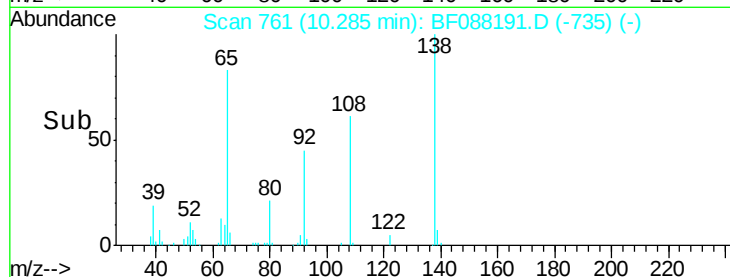
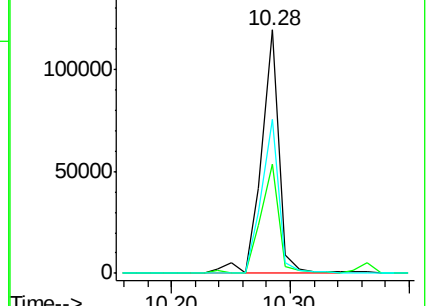
108 63.5 46.7 86.7



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: 38.11 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Tgt Ion: 77 Resp: 429133

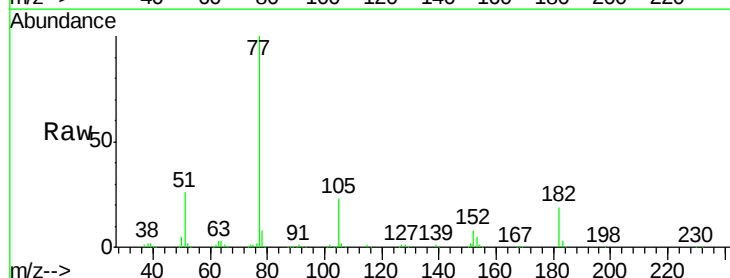
Ion Ratio Lower Upper

77 100

182 19.4 4.4 44.4

105 22.7 3.8 43.8

51 26.4 9.3 49.3

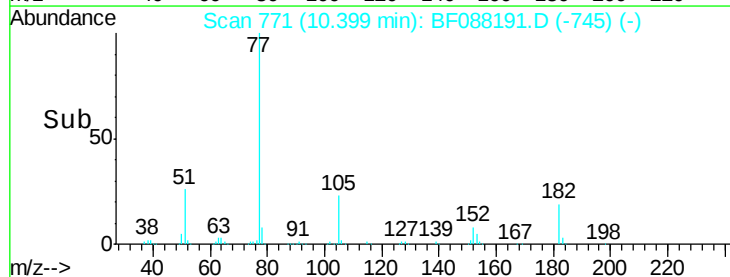
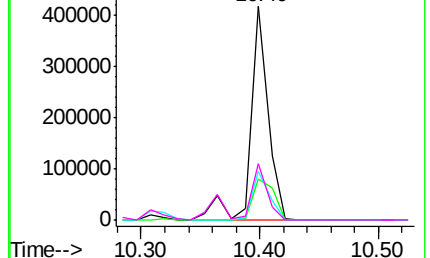


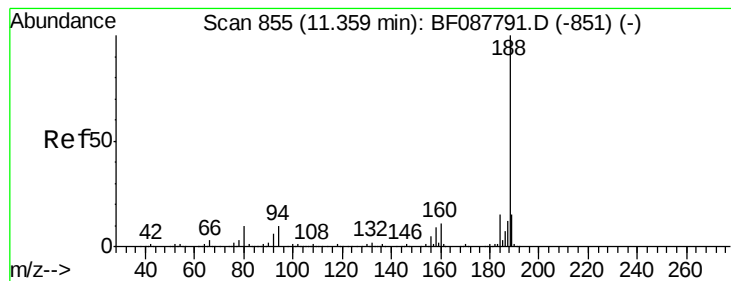
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

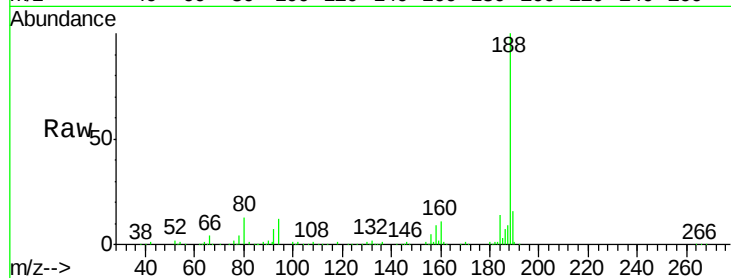
Tgt Ion:188 Resp: 286339

Ion Ratio Lower Upper

188 100

94 11.9 9.0 13.6

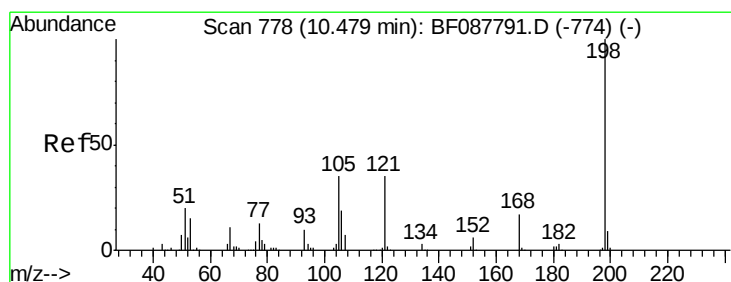
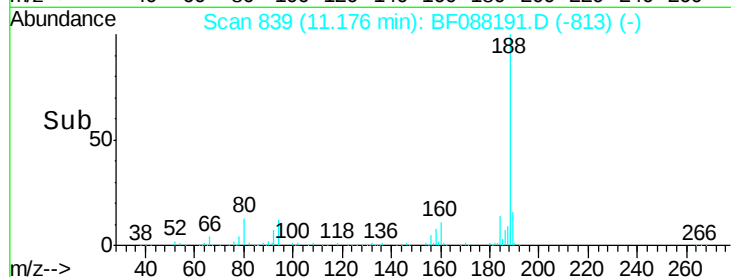
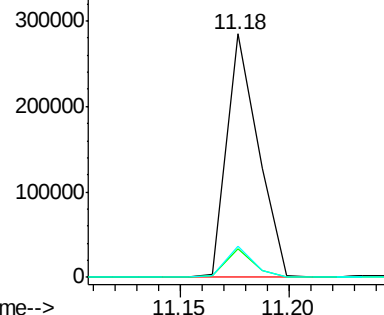
80 12.7 10.0 15.0



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: 30.07 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

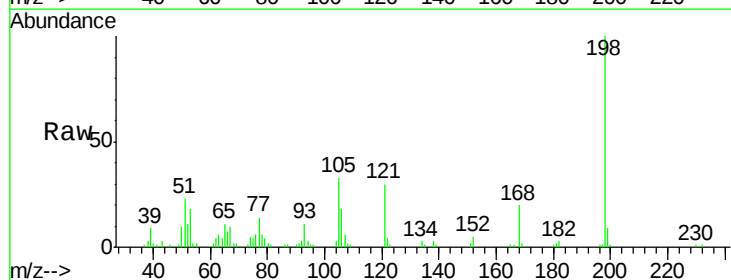
Tgt Ion:198 Resp: 52245

Ion Ratio Lower Upper

198 100

51 23.4 39.6 79.6#

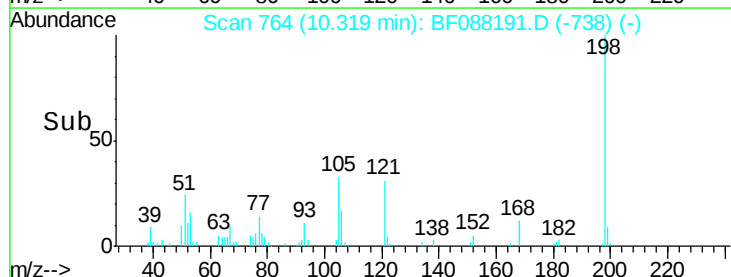
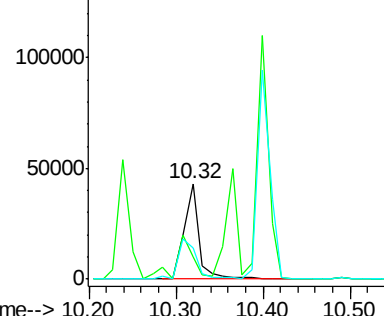
105 33.0 36.6 76.6#

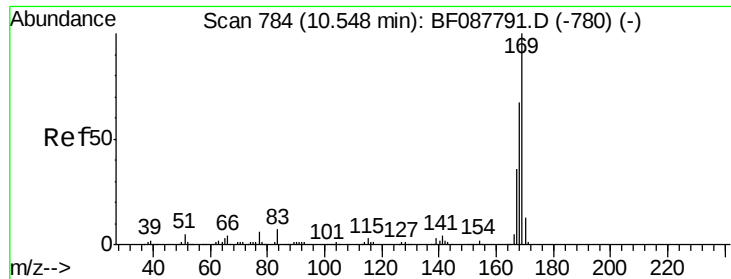


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.86 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

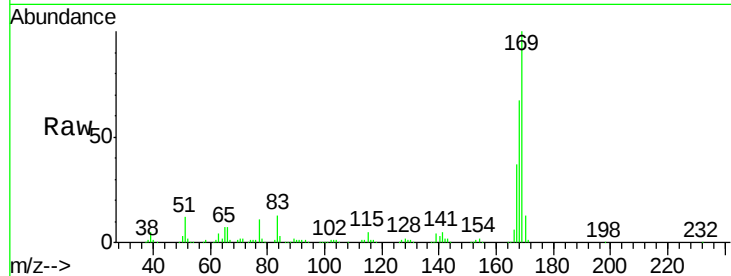
Tgt Ion:169 Resp: 369228

Ion Ratio Lower Upper

169 100

168 67.5 53.4 80.0

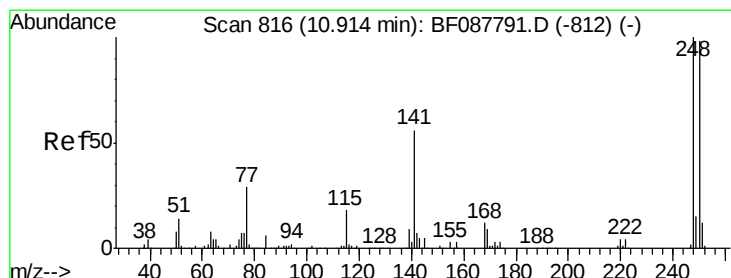
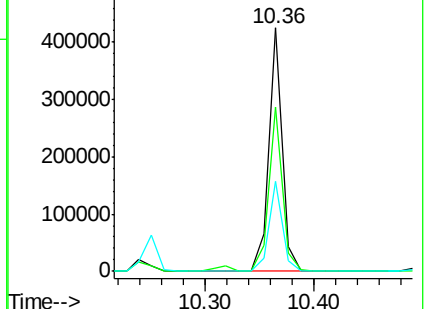
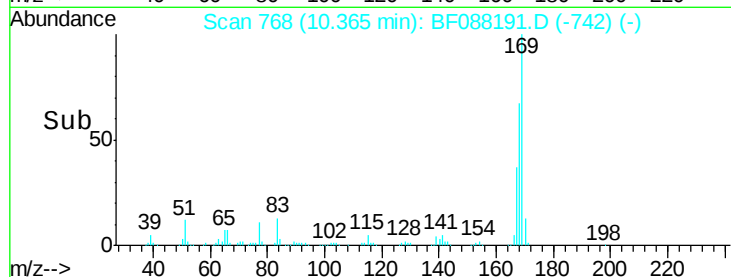
167 37.2 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.34 ng

RT: 10.73 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

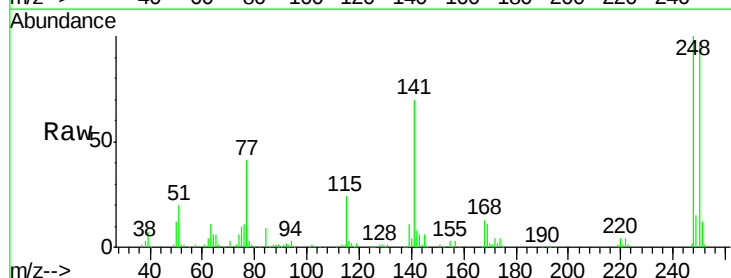
Tgt Ion:248 Resp: 123927

Ion Ratio Lower Upper

248 100

250 96.8 77.1 115.7

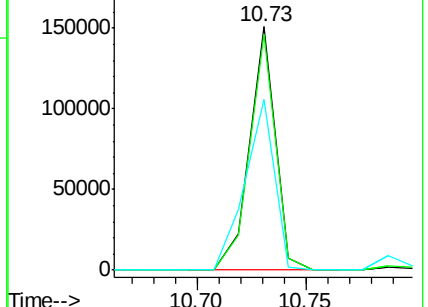
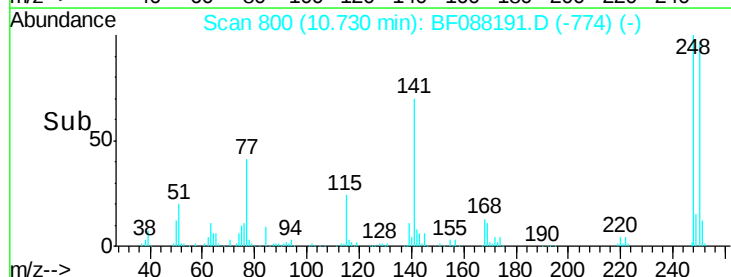
141 70.3 50.6 76.0

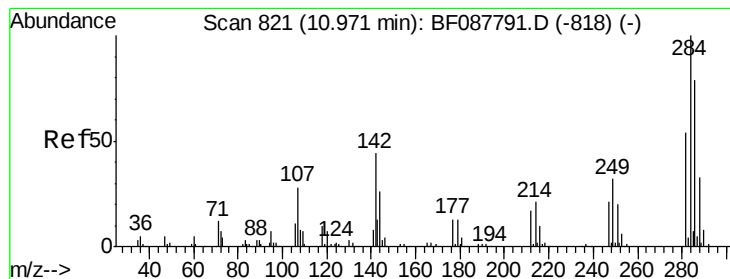


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.39 ng

RT: 10.80 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

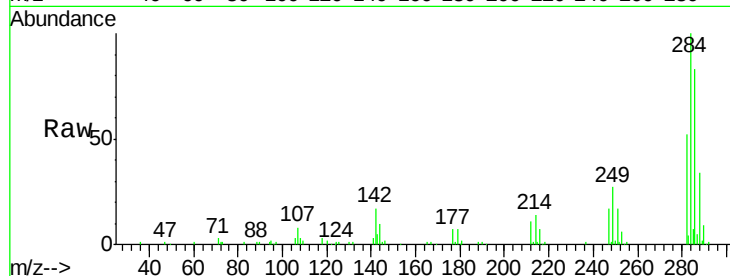
Tgt Ion:284 Resp: 119344

Ion Ratio Lower Upper

284 100

142 17.3 35.8 53.8#

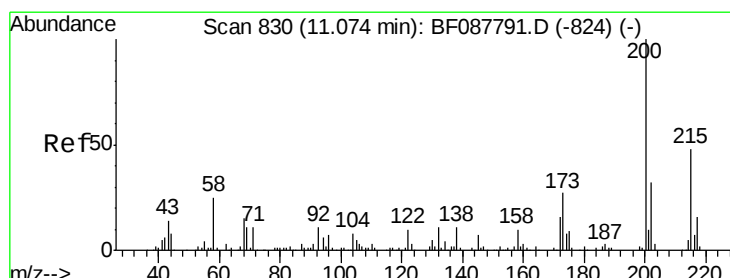
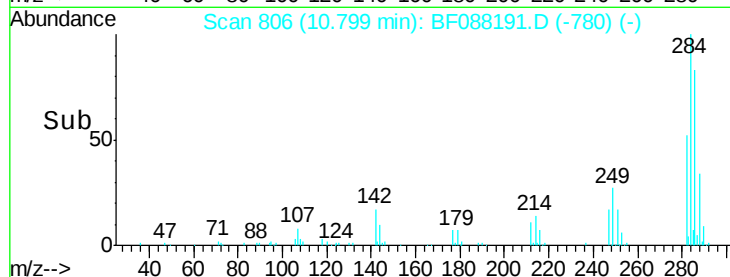
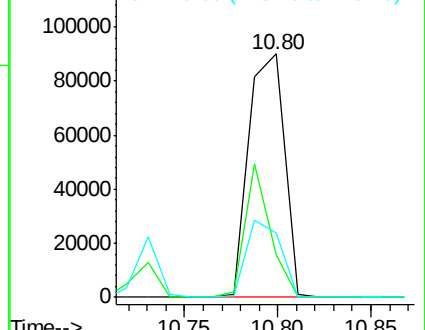
249 26.6 25.8 38.6



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: 37.33 ng

RT: 10.89 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

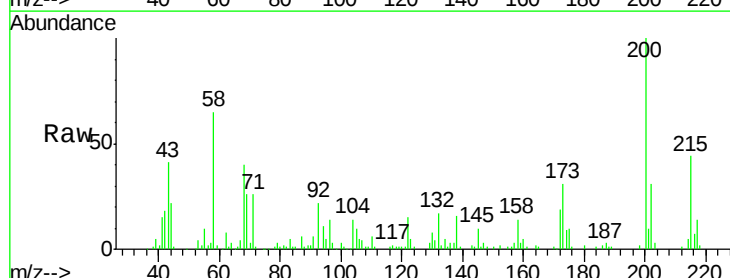
Tgt Ion:200 Resp: 107395

Ion Ratio Lower Upper

200 100

173 31.0 4.0 44.0

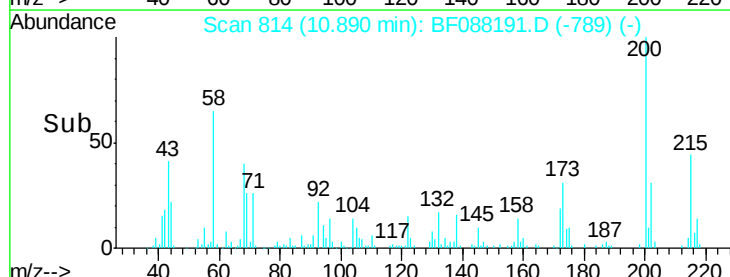
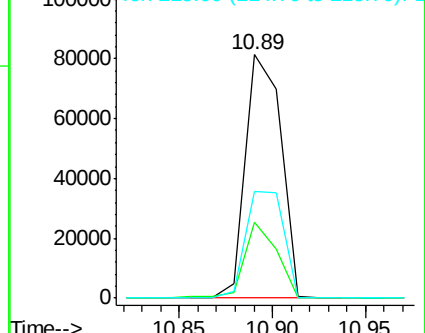
215 43.6 29.3 69.3



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

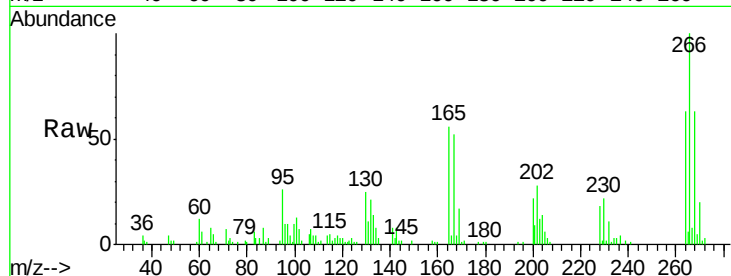




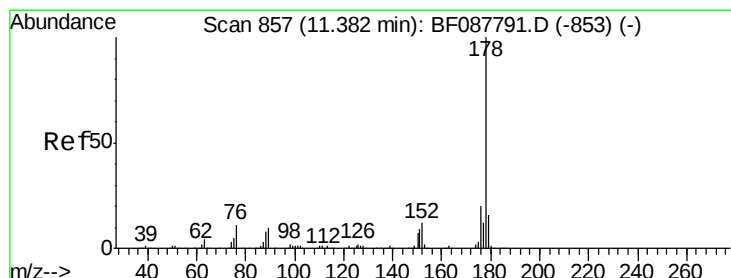
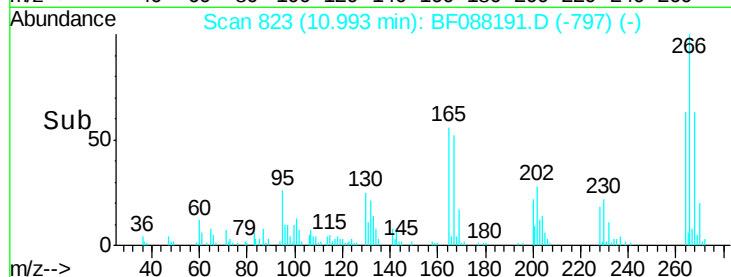
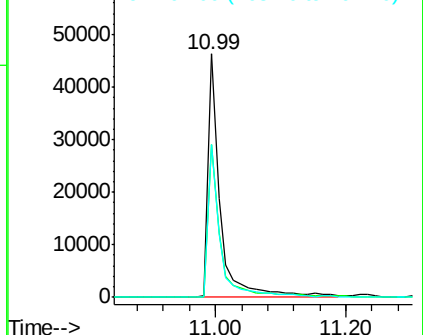
#69
 Pentachlorophenol
 Concen: 36.49 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 266 Resp: 61398
 Ion Ratio Lower Upper
 266 100
 268 62.7 52.8 79.2
 264 62.6 49.6 74.4

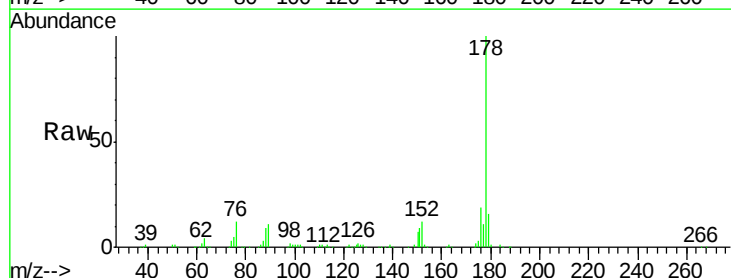


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

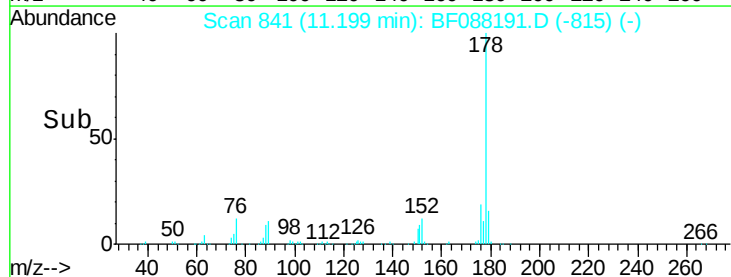
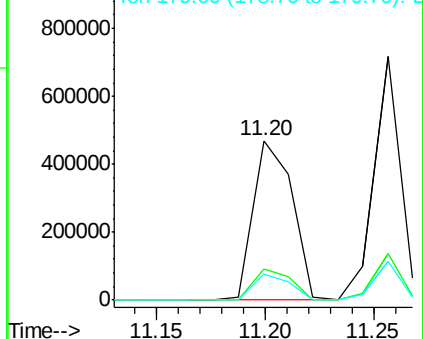


#70
 Phenanthrene
 Concen: 39.32 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

Tgt Ion: 178 Resp: 590786
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 16.0 13.0 19.4



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

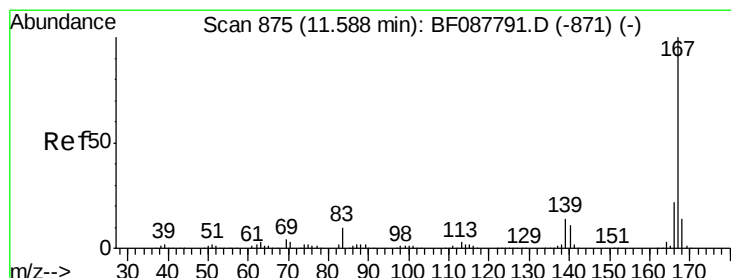
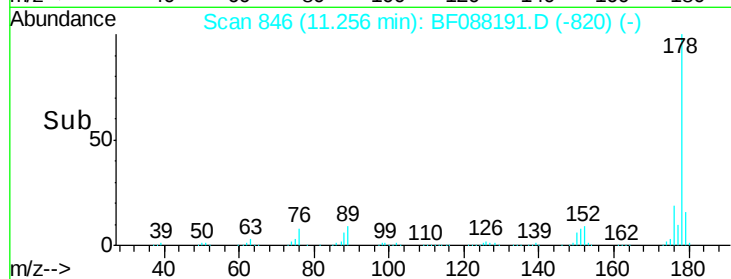
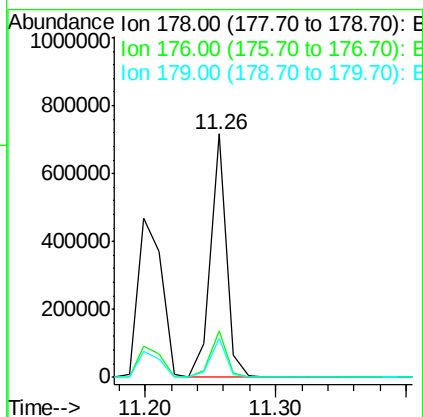
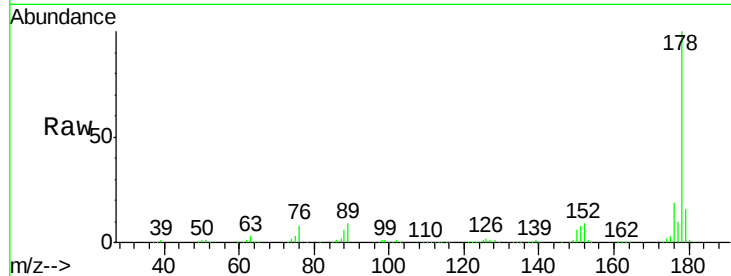




#71
 Anthracene
 Concen: 40.43 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

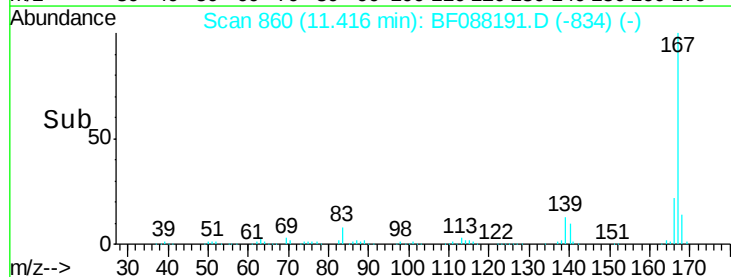
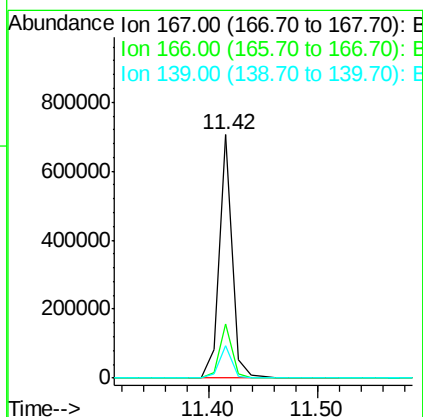
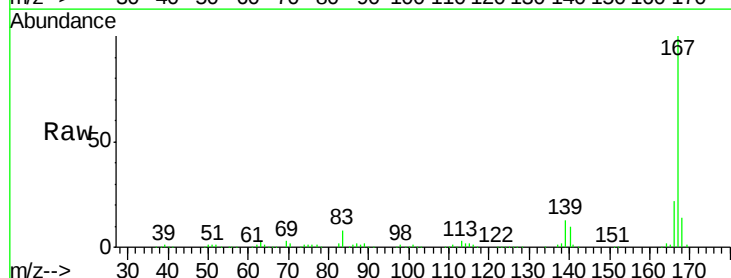
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 612780
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 15.8 12.8 19.2



#72
 Carbazole
 Concen: 41.60 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

Tgt Ion:167 Resp: 590001
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 13.4 11.2 16.8





#73

Di-n-butylphthalate

Concen: 38.10 ng

RT: 11.75 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

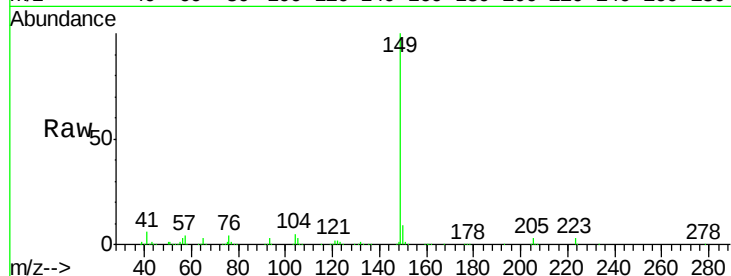
Tgt Ion:149 Resp: 684026

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

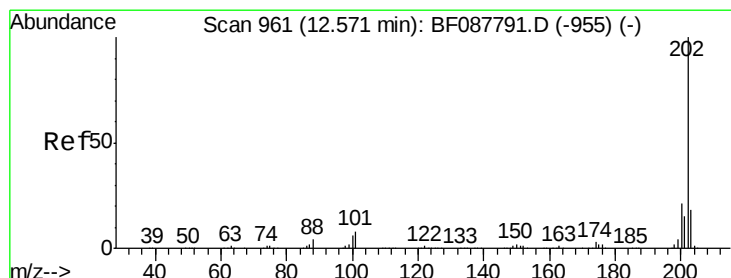
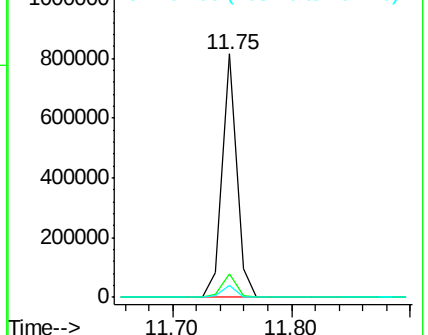
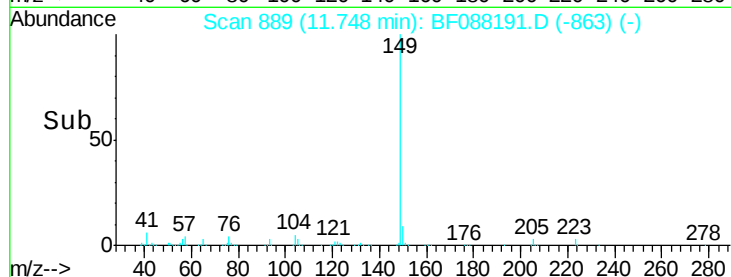
104 4.8 4.0 6.0



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: 39.78 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

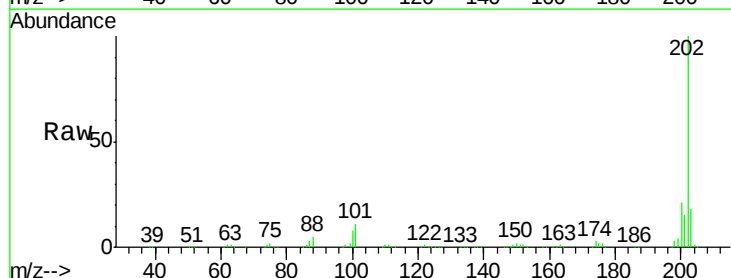
Tgt Ion:202 Resp: 630764

Ion Ratio Lower Upper

202 100

101 11.3 0.0 33.1

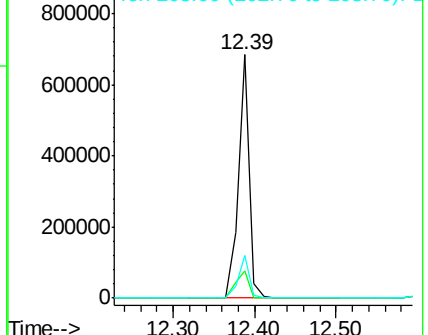
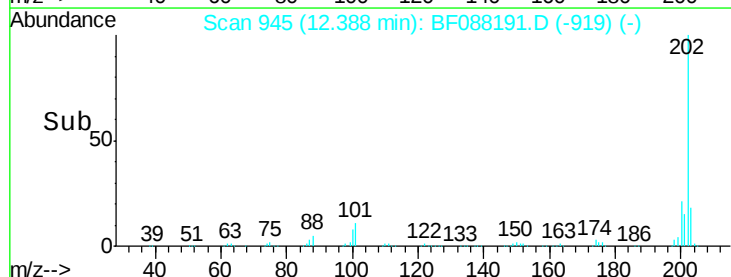
203 17.7 0.0 38.1

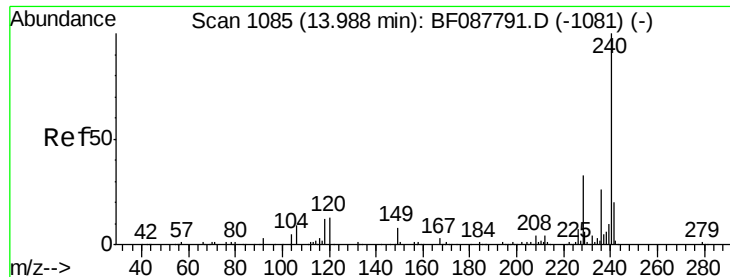


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

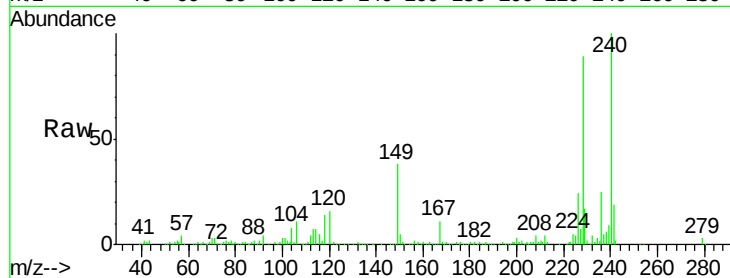
Tgt Ion:240 Resp: 228339

Ion Ratio Lower Upper

240 100

120 16.2 6.8 10.2#

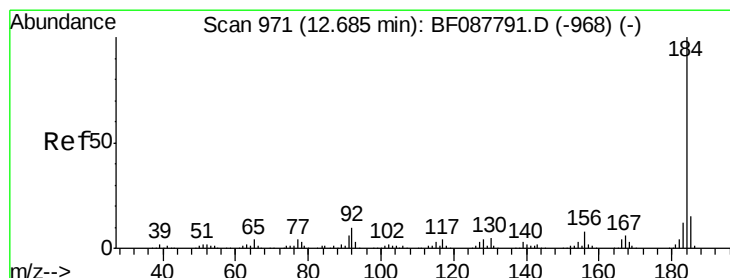
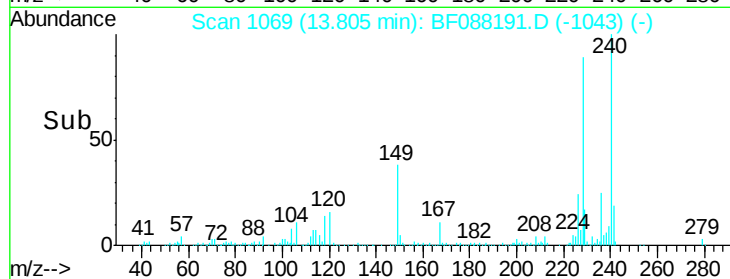
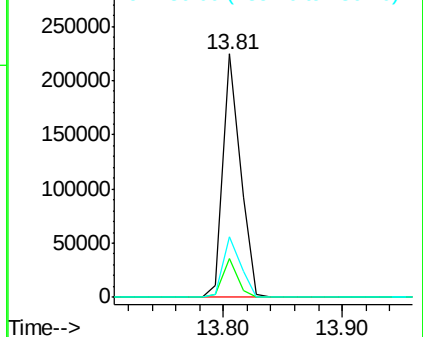
236 25.0 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.27 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

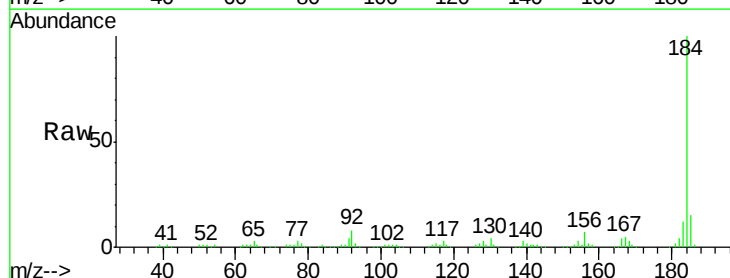
Tgt Ion:184 Resp: 260908

Ion Ratio Lower Upper

184 100

185 14.9 12.5 18.7

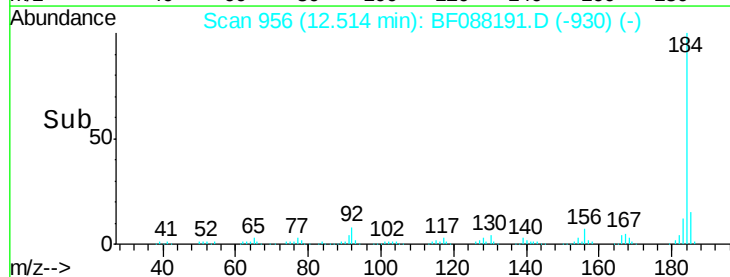
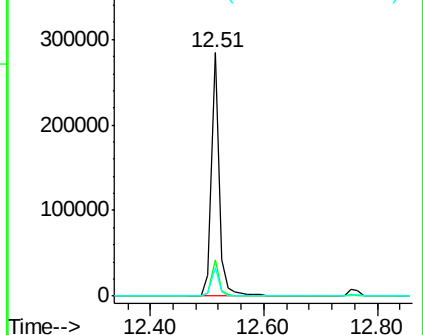
183 11.5 9.3 13.9

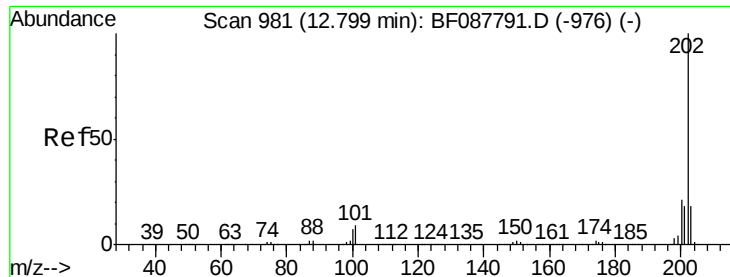


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 37.56 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

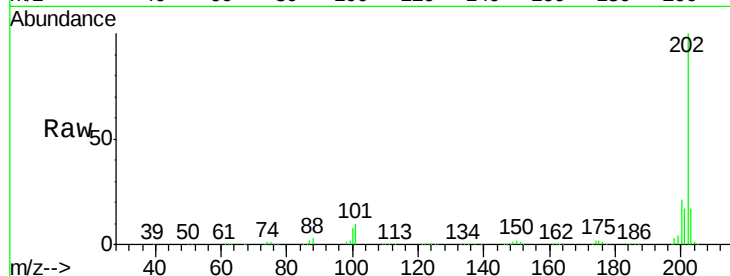
Tgt Ion:202 Resp: 636471

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

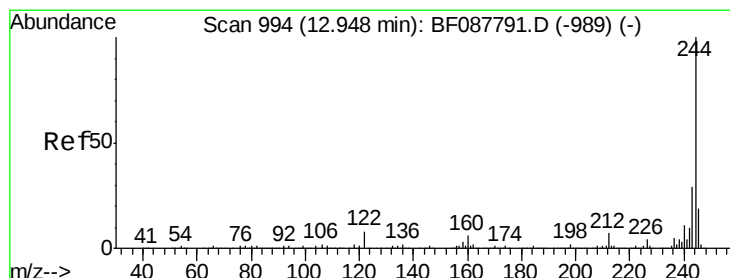
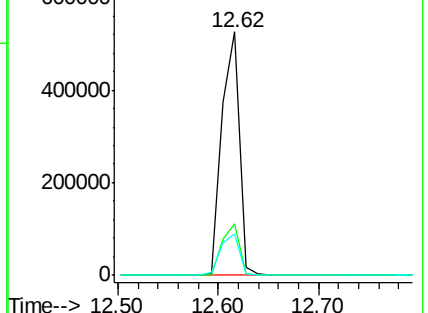
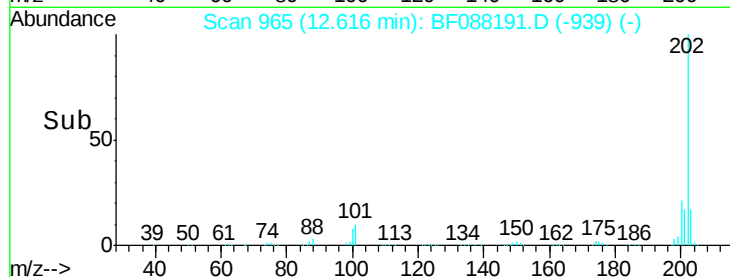
203 17.2 14.5 21.7



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: 75.63 ng

RT: 12.76 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

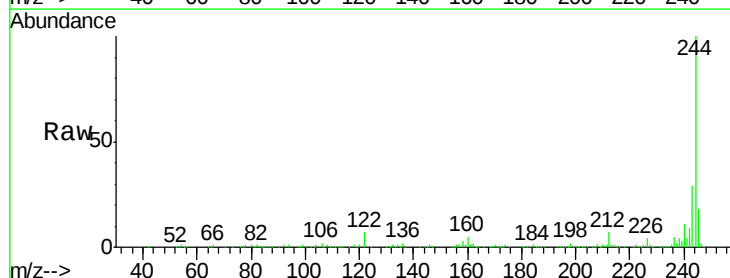
Tgt Ion:244 Resp: 758898

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

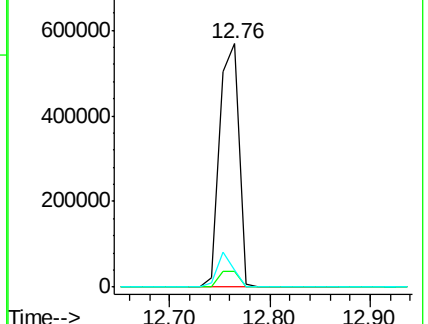
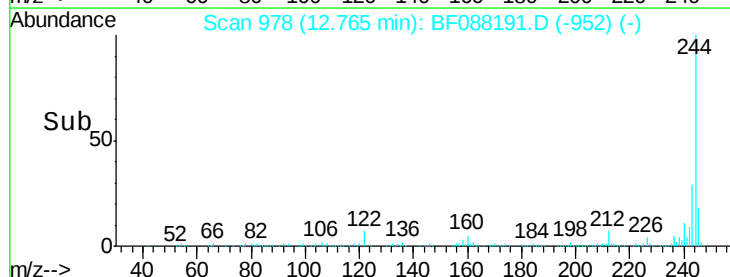
122 7.0 11.2 16.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.78 ng

RT: 13.23 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

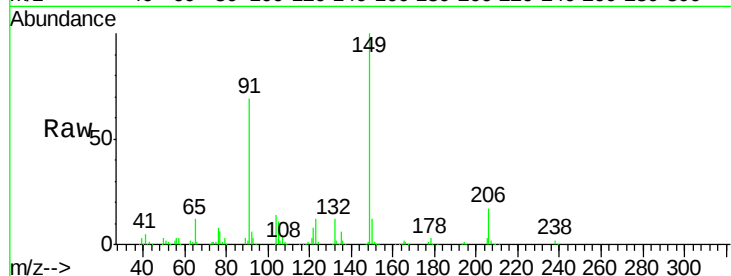
Tgt Ion:149 Resp: 298030

Ion Ratio Lower Upper

149 100

91 69.5 48.0 72.0

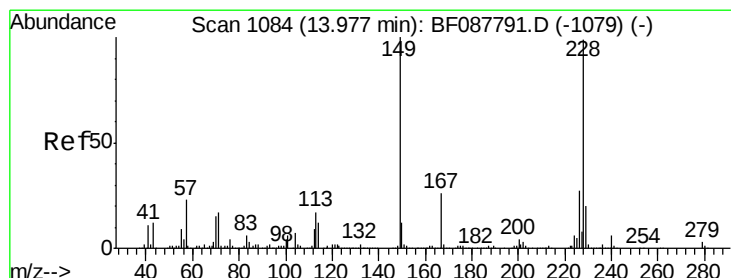
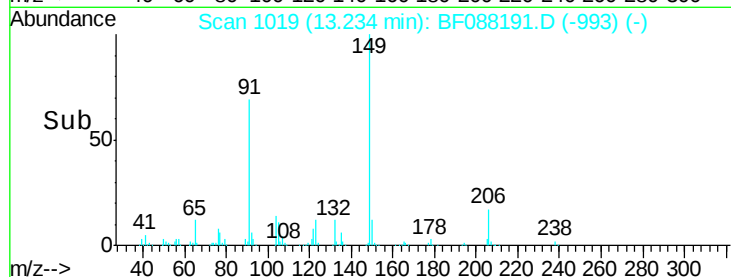
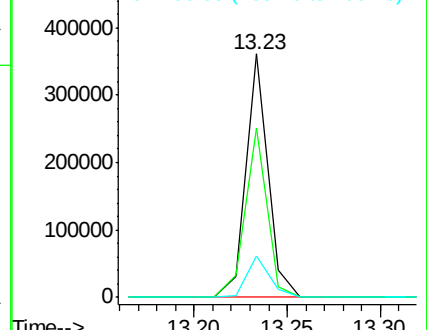
206 17.1 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 34.60 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

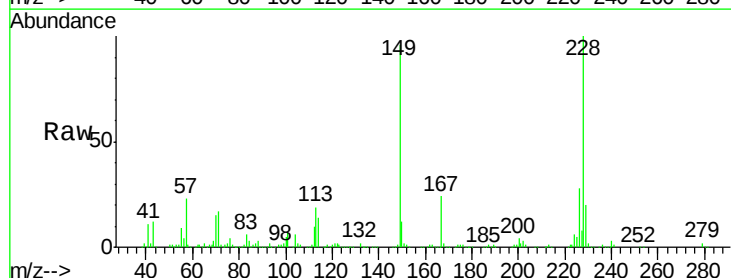
Tgt Ion:228 Resp: 450223

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

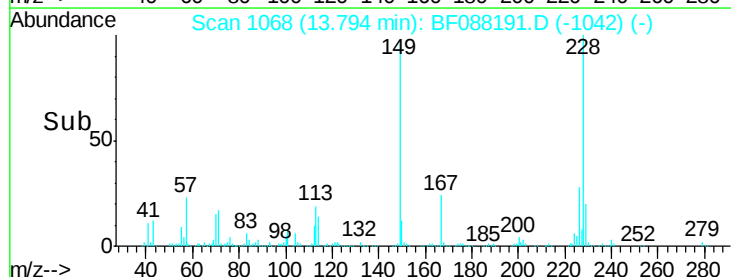
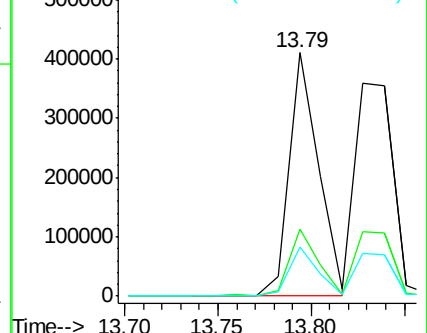
229 20.1 16.0 24.0

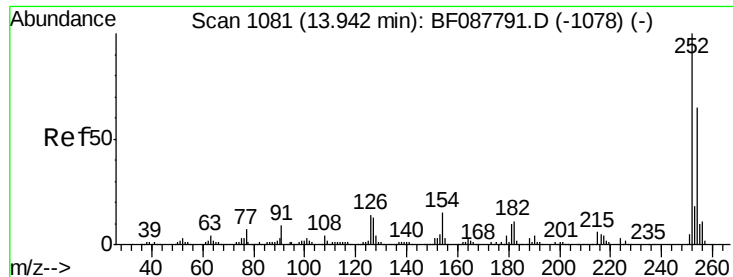


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

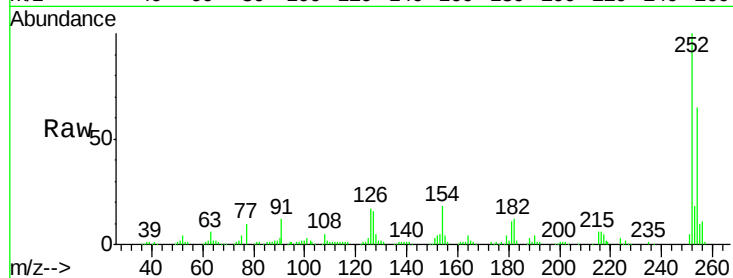




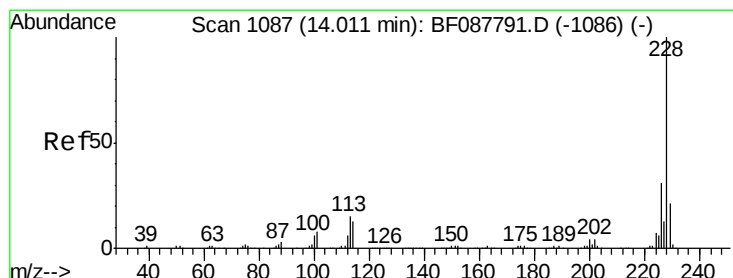
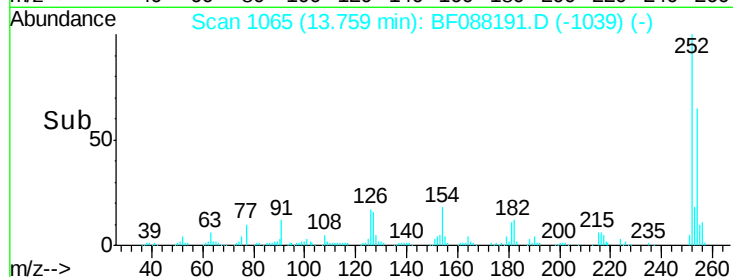
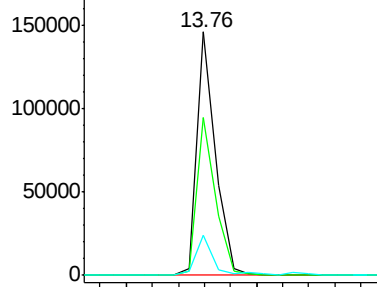
#81
 3,3'-Dichlorobenzidine
 Concen: 41.20 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 252 Resp: 144160
 Ion Ratio Lower Upper
 252 100
 254 64.8 52.6 78.8
 126 16.7 6.2 9.2#

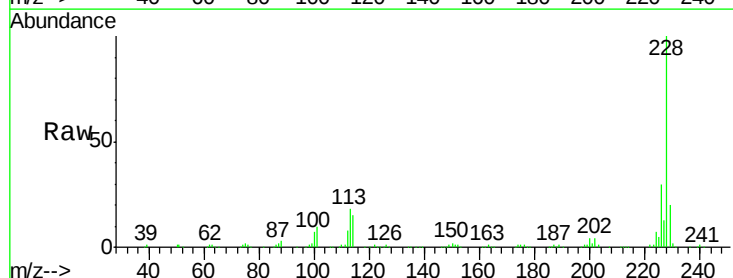


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

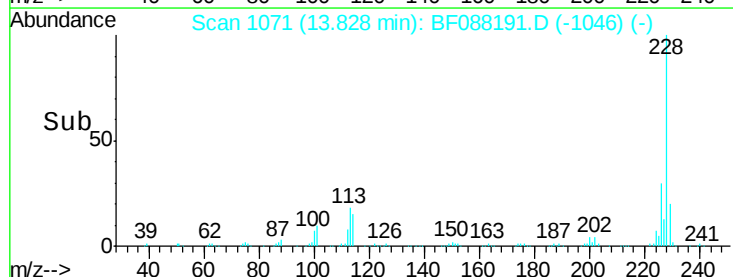
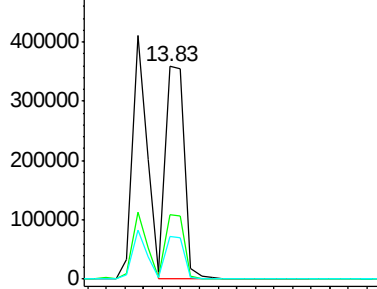


#82
 Chrysene
 Concen: 41.75 ng
 RT: 13.83 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

Tgt Ion: 228 Resp: 511091
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.4 38.2
 229 19.9 16.3 24.5



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: 40.05 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

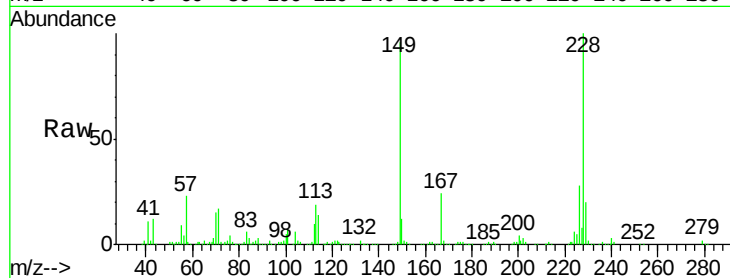
Tgt Ion:149 Resp: 365200

Ion Ratio Lower Upper

149 100

167 25.1 20.5 30.7

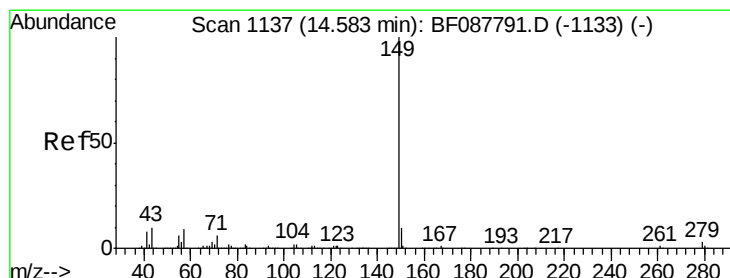
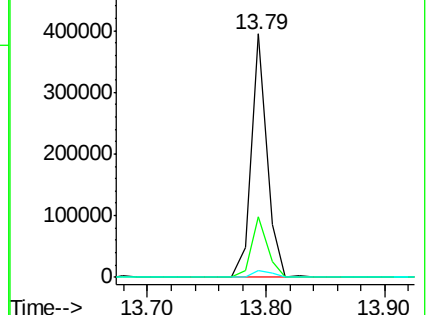
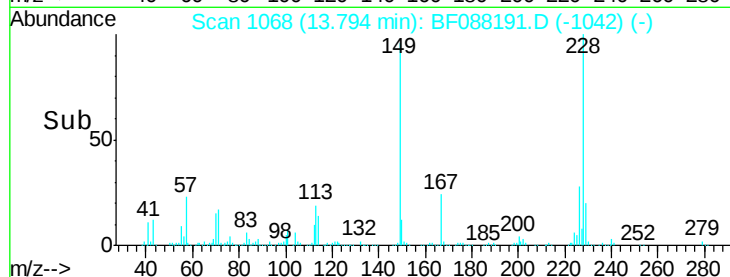
279 2.6 2.0 3.0



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: 46.06 ng

RT: 14.40 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

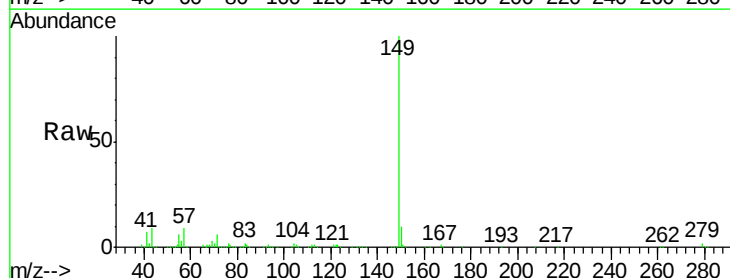
Tgt Ion:149 Resp: 682549

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

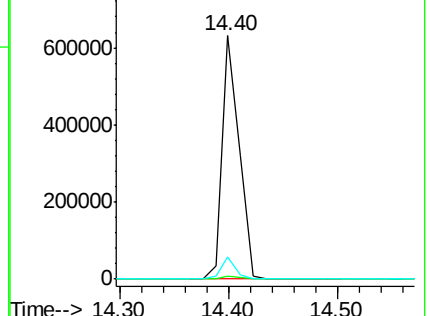
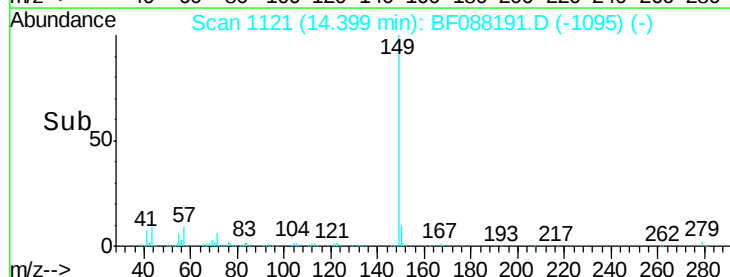
43 7.9 0.0 0.0#



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

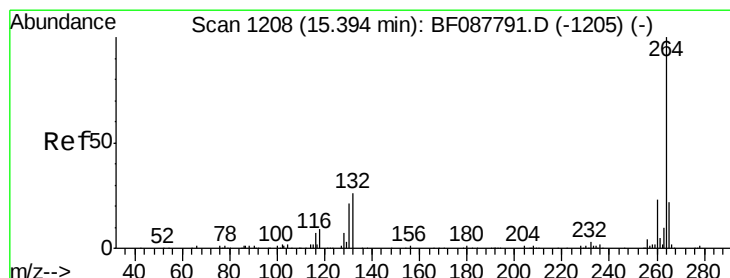
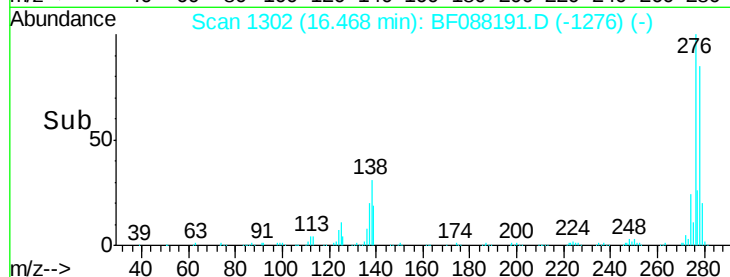
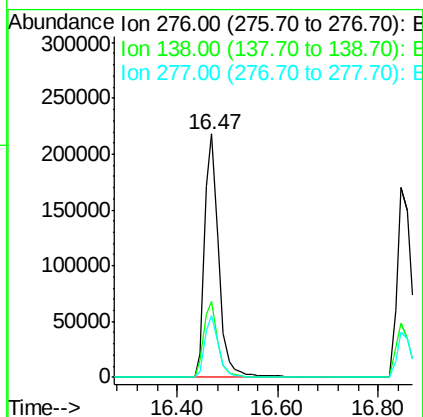
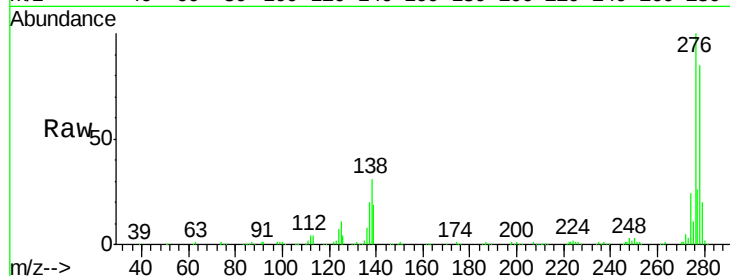




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.35 ng
 RT: 16.47 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

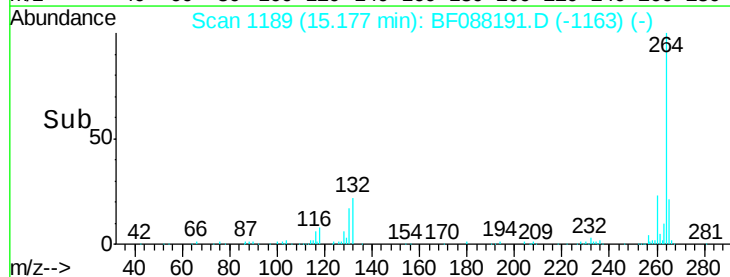
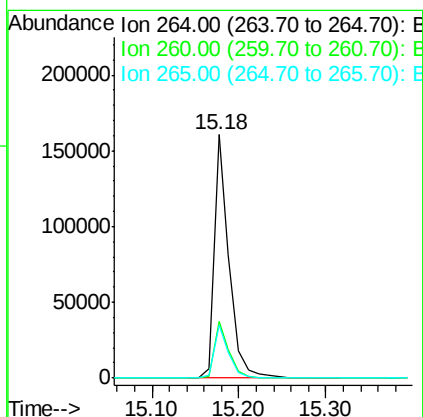
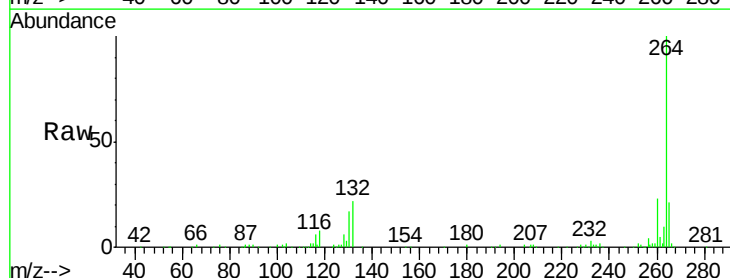
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

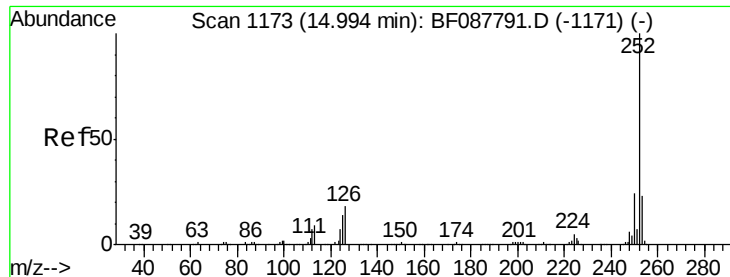
Tgt Ion: 276 Resp: 424800
 Ion Ratio Lower Upper
 276 100
 138 31.5 0.0 0.0#
 277 24.9 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF088191.D
 Acq: 21 Jun 2016 1:15

Tgt Ion: 264 Resp: 191453
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.5 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 67.18 ng

RT: 14.80 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

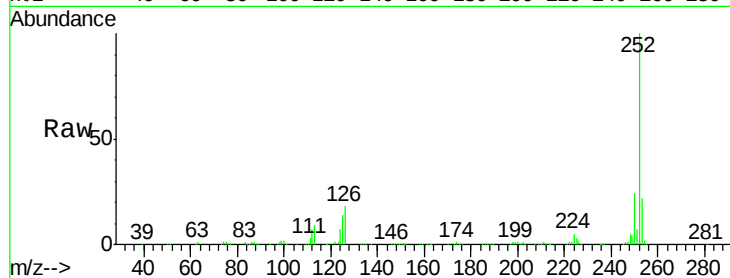
Tgt Ion:252 Resp: 896514

Ion Ratio Lower Upper

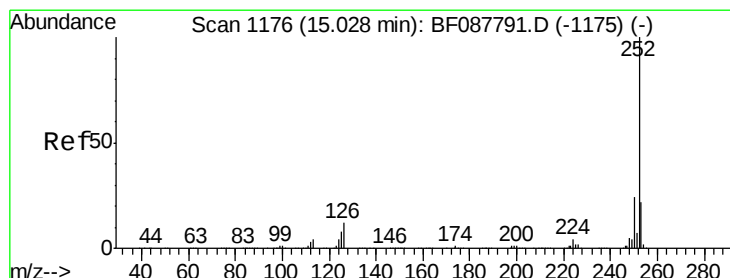
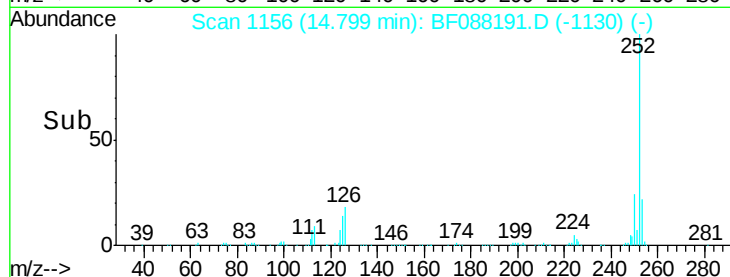
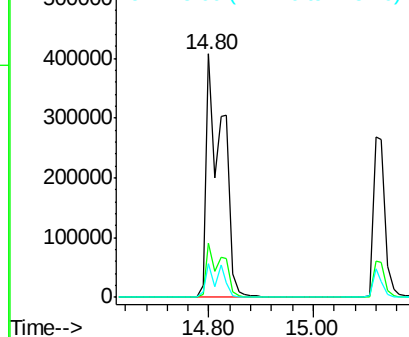
252 100

253 22.1 17.4 26.2

125 13.6 7.1 10.7#



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: 89.06 ng

RT: 14.80 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

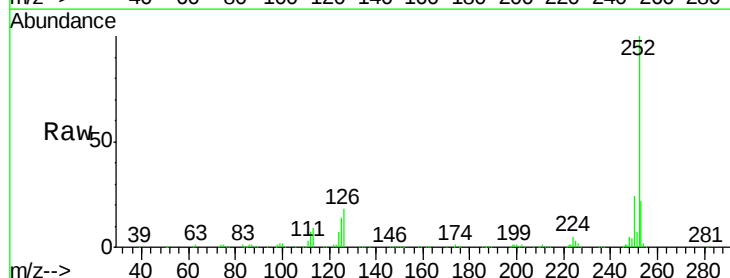
Tgt Ion:252 Resp: 896526

Ion Ratio Lower Upper

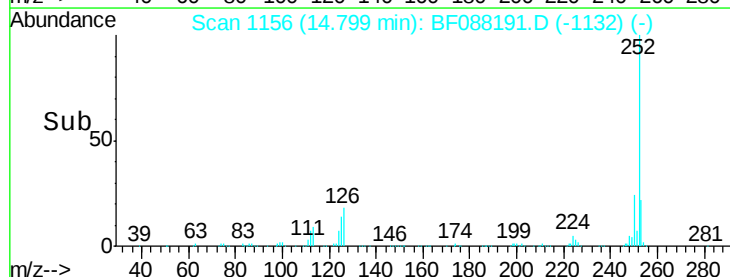
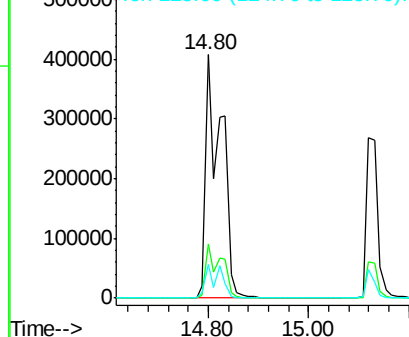
252 100

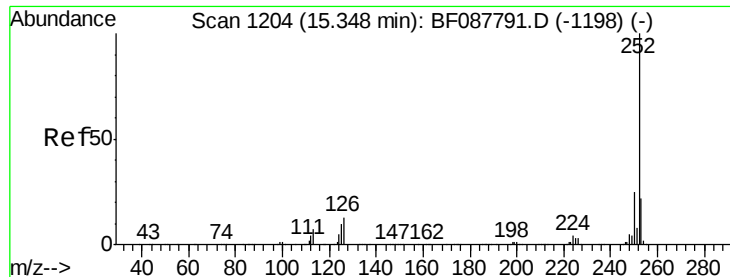
253 22.1 18.0 27.0

125 13.6 11.2 16.8



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

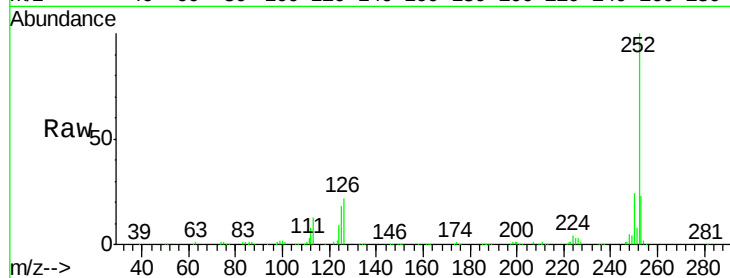




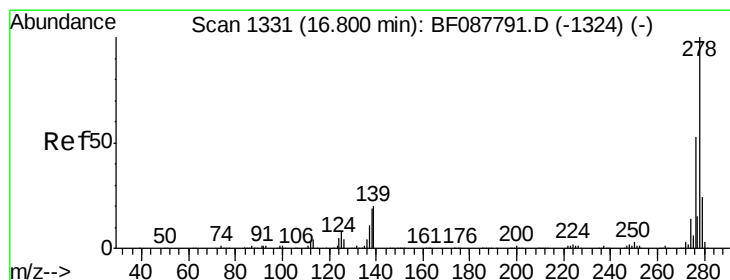
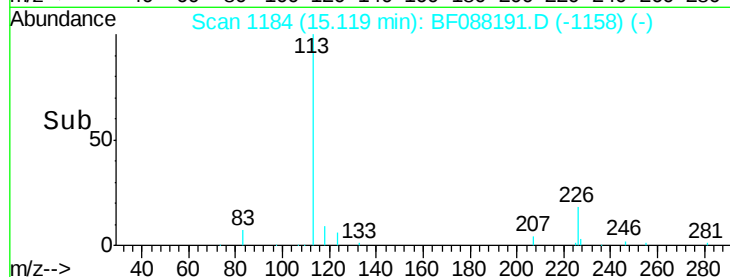
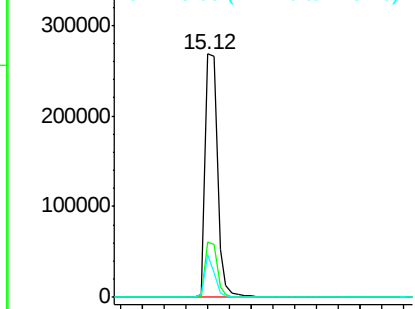
#89
Benzo(a)pyrene
Concen: 39.49 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF088191.D
Acq: 21 Jun 2016 1:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 252 Resp: 426320
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 17.6 12.5 18.7

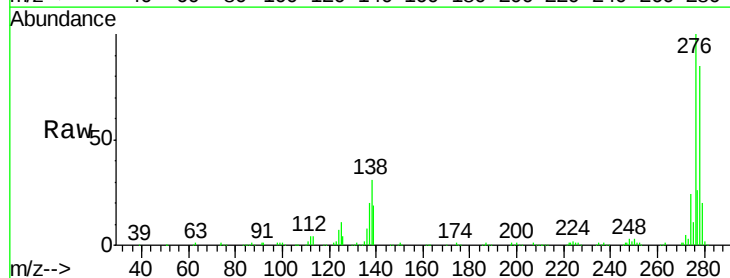


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

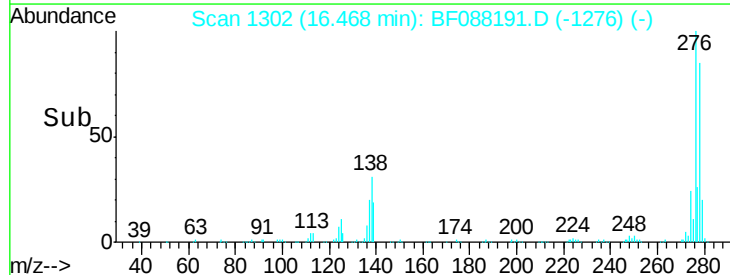
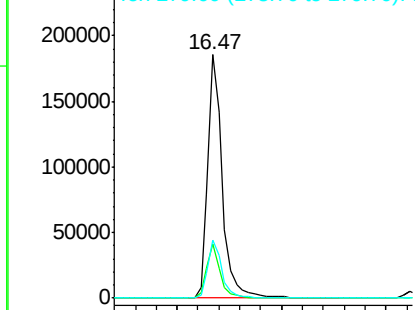


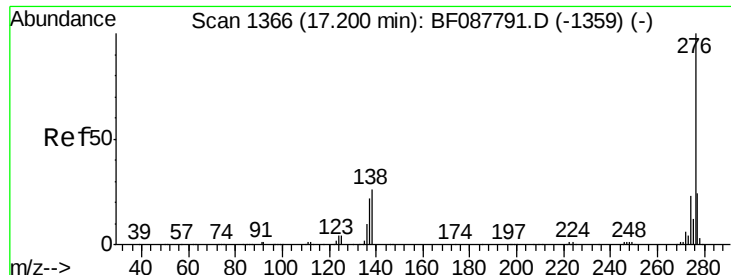
#90
Dibenzo(a,h)anthracene
Concen: 35.70 ng
RT: 16.47 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF088191.D
Acq: 21 Jun 2016 1:15

Tgt Ion: 278 Resp: 358012
Ion Ratio Lower Upper
278 100
139 22.2 15.7 23.5
279 23.6 19.4 29.2



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





#91

Benzo(g,h,i)perylene

Concen: 36.16 ng

RT: 16.85 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF088191.D

Acq: 21 Jun 2016 1:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

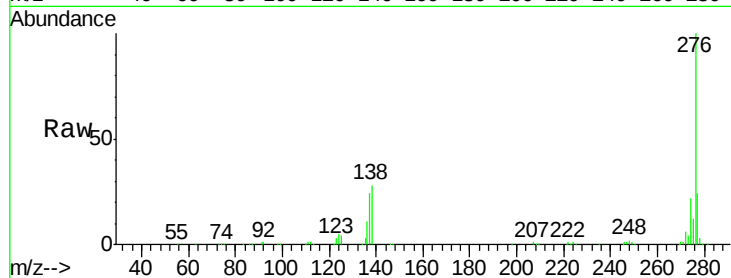
Tgt Ion: 276 Resp: 372950

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 28.5 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

