

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080115\
 Data File : BF080792.D
 Acq On : 1 Aug 2015 21:05
 Operator : TP/UM
 Sample : G3121-03MSD 5X
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-2(0-6FTBGS)MSD

Quant Time: Aug 03 03:50:23 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	146918	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	499240	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	200538	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	348016	20.00	ng	0.00
75) Chrysene-d12	14.00	240	390694	20.00	ng	0.00
86) Perylene-d12	15.41	264	477268	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	221799	25.90	ng	0.00
7) Phenol-d6	6.48	99	324387	27.82	ng	-0.01
23) Nitrobenzene-d5	7.41	82	195369	18.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	51424	24.71	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	309936	23.06	ng	-0.01
78) Terphenyl-d14	12.95	244	203500	9.85	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.49	88	26709	6.32	ng	# 94
3) Pyridine	3.28	79	61254	5.23	ng	98
4) n-Nitrosodimethylamine	3.14	42	49435	7.38	ng	# 87
6) Aniline	6.51	93	39329	2.34	ng	92
8) 2-Chlorophenol	6.64	128	87184	9.08	ng	# 79
9) Benzaldehyde	6.40	77	23240	2.19	ng	93
10) Phenol	6.49	94	123204	9.13	ng	89
11) bis(2-Chloroethyl)ether	6.58	93	91934	9.54	ng	99
12) 1,3-Dichlorobenzene	6.80	146	94683	8.86	ng	# 93
13) 1,4-Dichlorobenzene	6.88	146	93278	8.56	ng	95
14) 1,2-Dichlorobenzene	7.02	146	91002	9.13	ng	91
15) Benzyl Alcohol	7.00	79	39409	4.07	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	7.13	45	182236	8.85	ng	93
17) 2-Methylphenol	7.10	107	79203	10.05	ng	93
18) Hexachloroethane	7.37	117	30176	7.42	ng	91
19) n-Nitroso-di-n-propylamine	7.25	70	64043	8.16	ng	99
20) 3+4-Methylphenols	7.25	107	86417	8.89	ng	# 75
22) Acetophenone	7.25	105	114235	9.48	ng	# 92
24) Nitrobenzene	7.42	77	91692	8.88	ng	99
25) Isophorone	7.66	82	158484	8.64	ng	99
26) 2-Nitrophenol	7.74	139	29291	6.99	ng	# 81
27) 2,4-Dimethylphenol	7.79	122	68247	8.66	ng	94
28) bis(2-Chloroethoxy)methane	7.88	93	103917	9.57	ng	98
29) 2,4-Dichlorophenol	7.98	162	61025	8.72	ng	89
30) 1,2,4-Trichlorobenzene	8.08	180	74605	9.77	ng	95
31) Naphthalene	8.16	128	258929	10.39	ng	97
32) Benzoic acid	7.79	122	68247	12.59	ng	# 8
33) 4-Chloroaniline	8.20	127	39578	3.76	ng	# 92
34) Hexachlorobutadiene	8.28	225	44041	8.93	ng	99
35) Caprolactam	8.53	113	15597	7.44	ng	# 65
36) 4-Chloro-3-methylphenol	8.68	107	60691	8.04	ng	# 83
37) 2-Methylnaphthalene	8.84	142	139024	8.89	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	67760	10.76	ng	# 98
42) 2,4,6-Trichlorophenol	9.13	196	36850	8.41	ng	99

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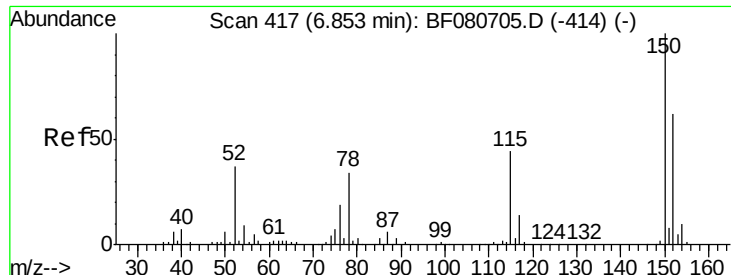
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.16	196	40341	9.28	nq	# 89
45) 1,1'-Biphenyl	9.31	154	178295	11.60	nq	98
46) 2-Chloronaphthalene	9.33	162	138424	11.02	nq	98
47) 2-Nitroaniline	9.42	65	44554	9.12	nq	86
48) Acenaphthylene	9.74	152	201794	10.10	nq	98
49) Dimethylphthalate	9.61	163	221450	15.67	nq	98
50) 2,6-Dinitrotoluene	9.66	165	29343	9.78	nq	91
51) Acenaphthene	9.92	154	119457	9.81	nq	99
52) 3-Nitroaniline	9.84	138	20120	5.81	nq	88
54) Dibenzofuran	10.09	168	174922	10.73	nq	98
55) 4-Nitrophenol	9.98	139	36239	14.21	nq	# 82
56) 2,4-Dinitrotoluene	10.06	165	34470	8.76	nq	90
57) Fluorene	10.43	166	136975	10.83	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	27941	8.53	nq	100
59) Diethylphthalate	10.30	149	153863	11.30	nq	99
60) 4-Chlorophenyl-phenylether	10.43	204	64959	10.63	nq	# 78
61) 4-Nitroaniline	10.43	138	22809	7.30	nq	92
62) Azobenzene	10.58	77	136740	9.27	nq	94
65) n-Nitrosodiphenylamine	10.54	169	110687	9.70	nq	96
66) 4-Bromophenyl-phenylether	10.91	248	33839	9.42	nq	# 84
67) Hexachlorobenzene	10.98	284	38840	9.35	nq	# 73
68) Atrazine	11.07	200	32325	9.04	nq	91
69) Pentachlorophenol	11.17	266	35209	14.01	nq	96
70) Phenanthrene	11.39	178	190990	10.89	nq	97
71) Anthracene	11.44	178	170932	9.92	nq	96
72) Carbazole	11.60	167	142838	9.55	nq	97
73) Di-n-butylphthalate	11.93	149	194546	10.49	nq	100
74) Fluoranthene	12.57	202	199833	11.79	nq	95
77) Pvrene	12.80	202	205320	6.78	nq	99
79) Butylbenzylphthalate	13.43	149	74005	7.35	nq	# 77
80) Benzo(a)anthracene	13.99	228	220197	9.37	nq	98
81) 3,3'-Dichlorobenzidine	13.95	252	33480	4.17	nq	# 97
82) Chrysene	14.02	228	224227	9.83	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	109282	7.24	nq	# 94
84) Di-n-octyl phthalate	14.59	149	206089	8.15	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.79	276	225292	12.94	nq	# 84
87) Benzo(b)fluoranthene	15.04	252	533422	18.71	nq	97
88) Benzo(k)fluoranthene	15.04	252	533422	22.74	nq	# 95
89) Benzo(a)pyrene	15.36	252	261173	11.16	nq	98
90) Dibenzo(a,h)anthracene	16.81	278	182764	8.72	nq	# 95
91) Benzo(g,h,i)perylene	17.21	276	183941	8.92	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF080792.D

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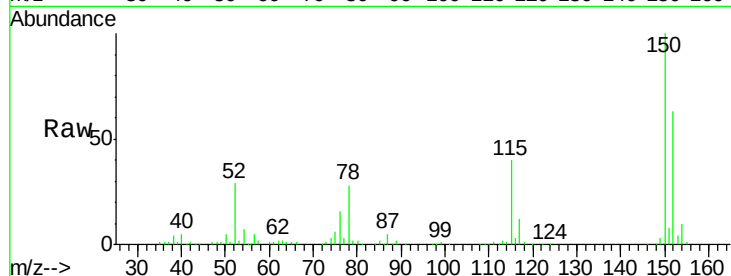
Tot Ion:152 Resp: 146918

Ion Ratio Lower Upper

152 100

150 158.0 129.6 194.4

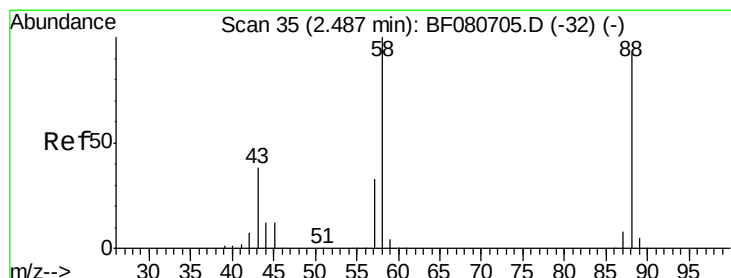
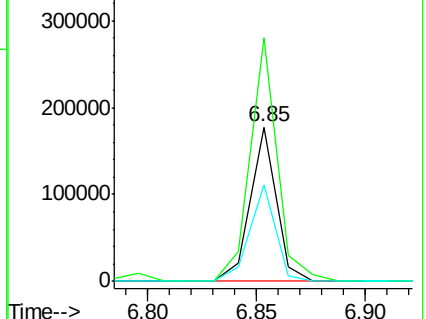
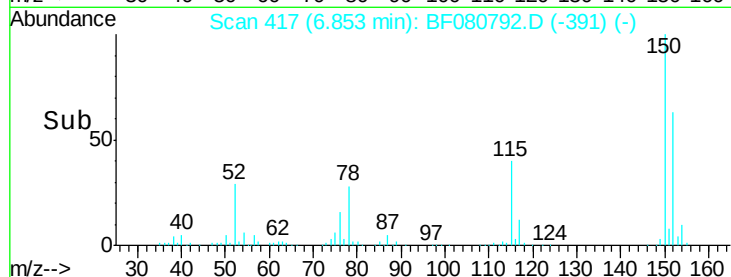
115 62.7 56.6 85.0



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: 6.32 ng

RT: 2.49 min Scan# 35

Delta R.T. 0.00 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

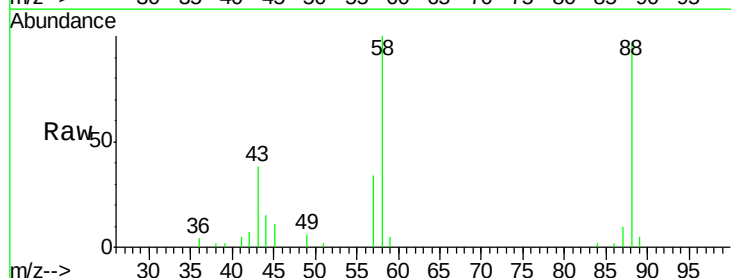
Tgt Ion: 88 Resp: 26709

Ion Ratio Lower Upper

88 100

58 102.1 82.3 123.5

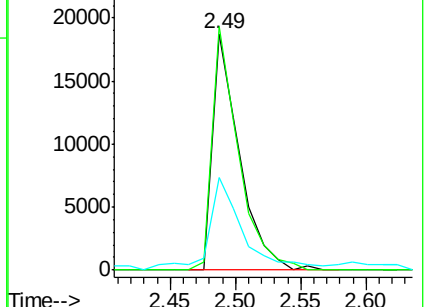
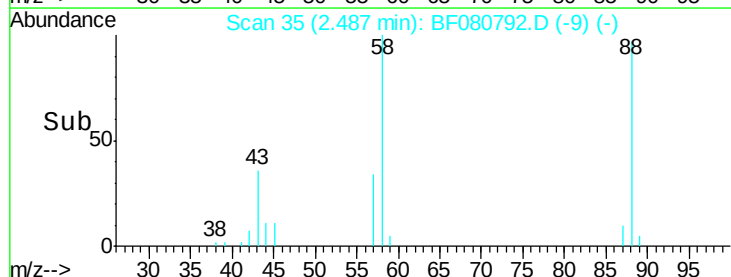
43 50.6 31.7 47.5#

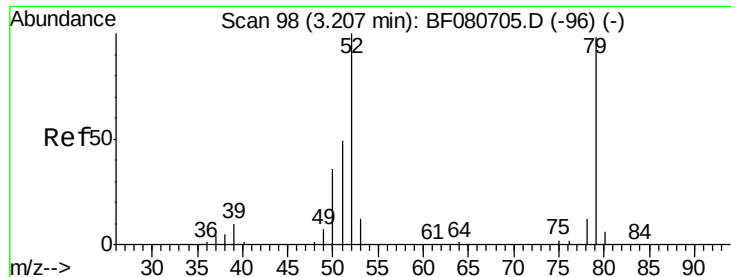


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 5.23 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.07 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

Instrument :

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ClientSampleId :

NCQ-077CS-2(0-6FTBGS)MSD

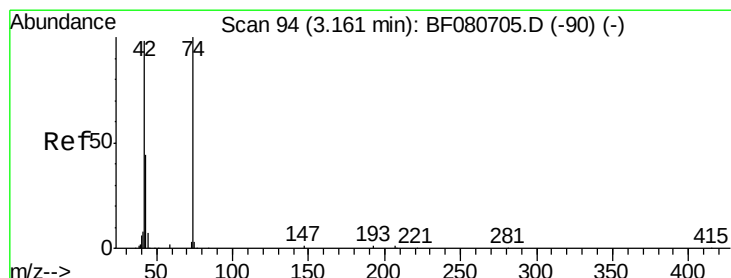
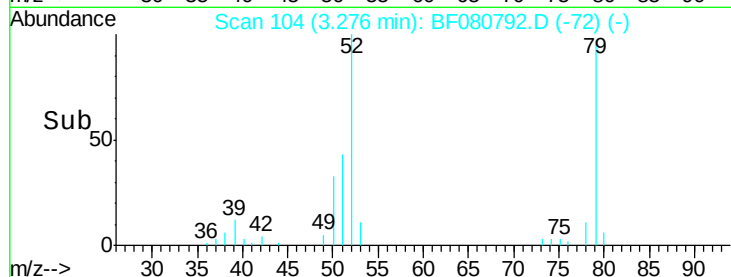
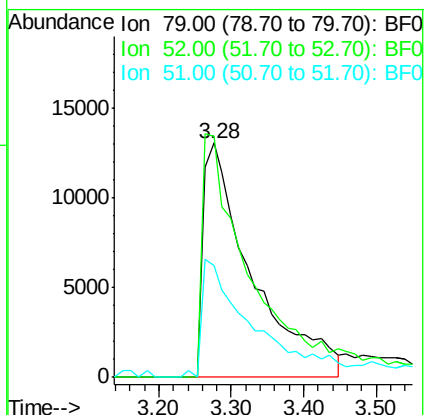
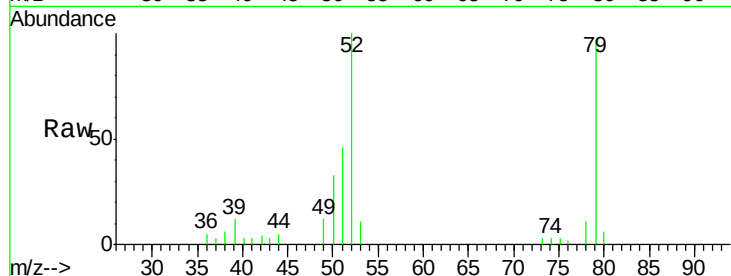
Tot Ion: 79 Resp: 61254

Ion Ratio Lower Upper

79 100

52 102.9 81.6 122.4

51 47.4 40.2 60.2



#4

n-Nitrosodimethylamine

Concen: 7.38 ng

RT: 3.14 min Scan# 92

Delta R.T. -0.02 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

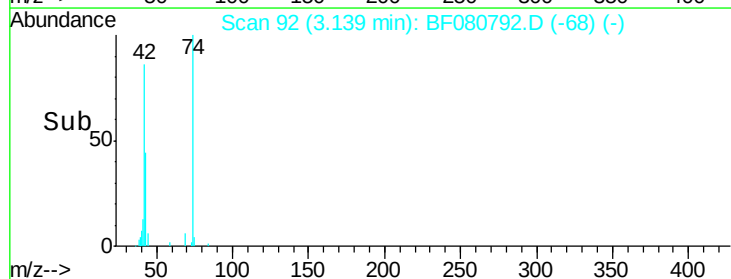
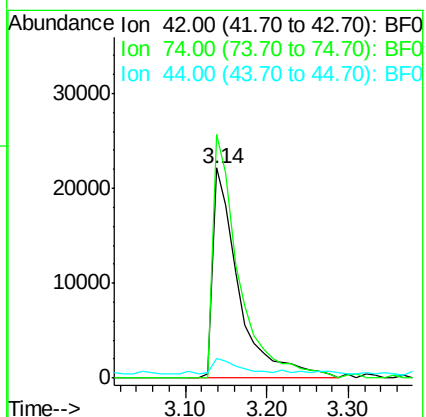
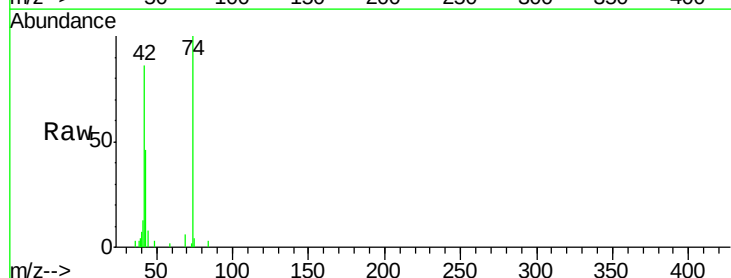
Tgt Ion: 42 Resp: 49435

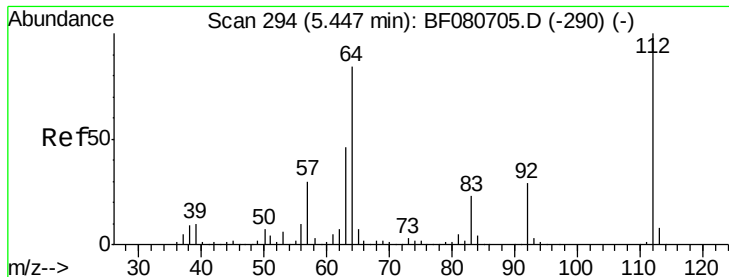
Ion Ratio Lower Upper

42 100

74 115.8 81.5 122.3

44 9.5 5.6 8.4#





#5

2-Fluorophenol

Concen: 25.90 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

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ClientSampleId :

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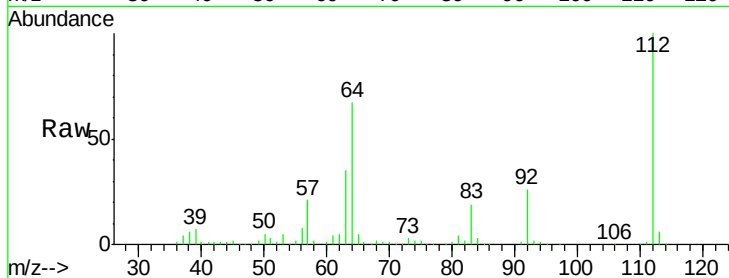
Tot Ion:112 Resp: 221799

Ion Ratio Lower Upper

112 100

64 67.2 66.8 100.2

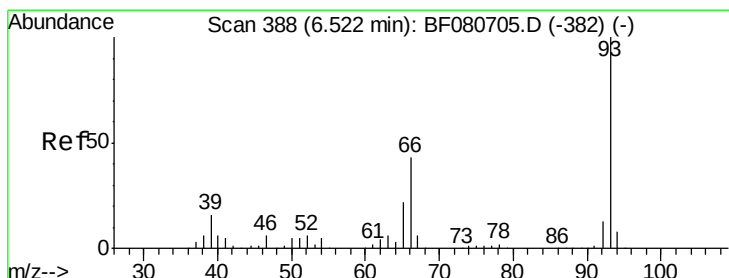
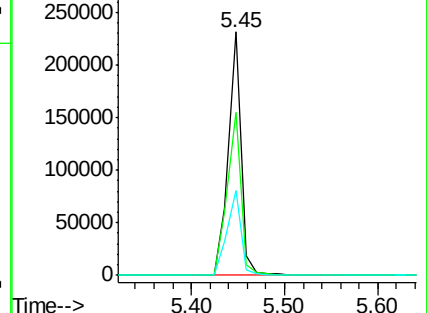
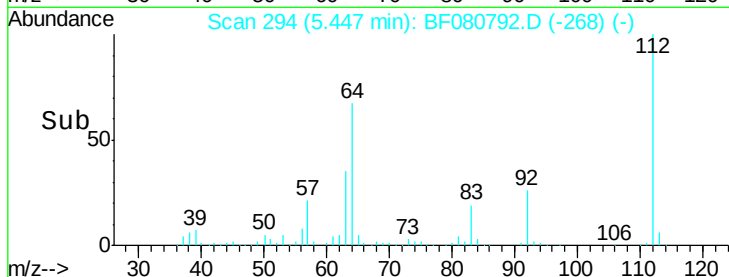
63 34.7 36.7 55.1#



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: 2.34 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

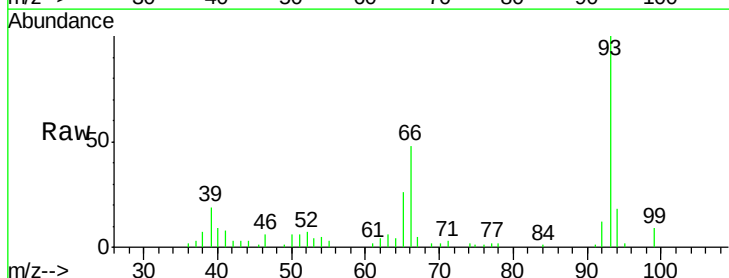
Tgt Ion: 93 Resp: 39329

Ion Ratio Lower Upper

93 100

66 48.3 34.3 51.5

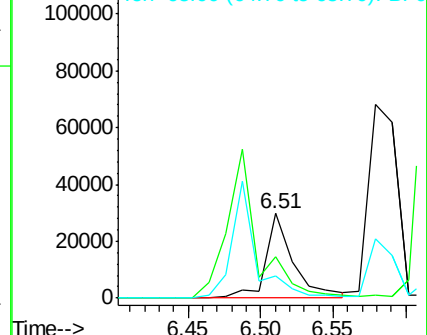
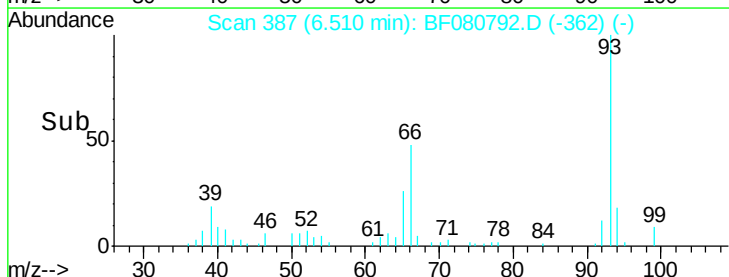
65 25.7 17.6 26.4

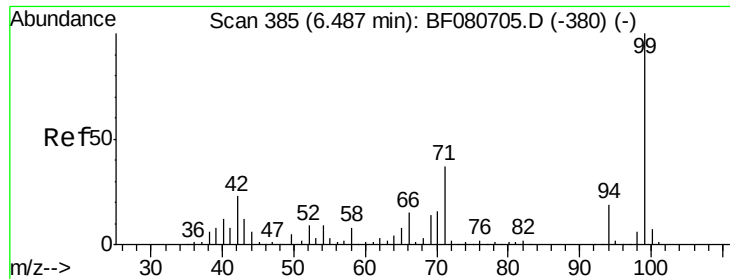


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 27.82 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

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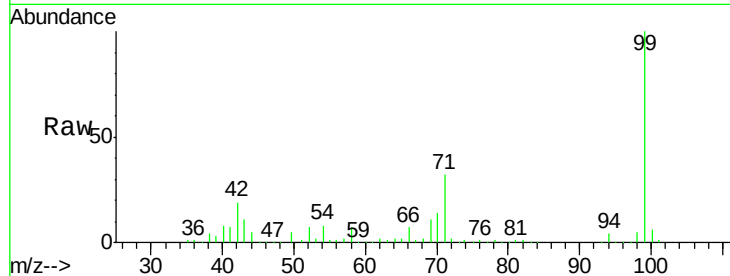
Tot Ion: 99 Resp: 324387

Ion Ratio Lower Upper

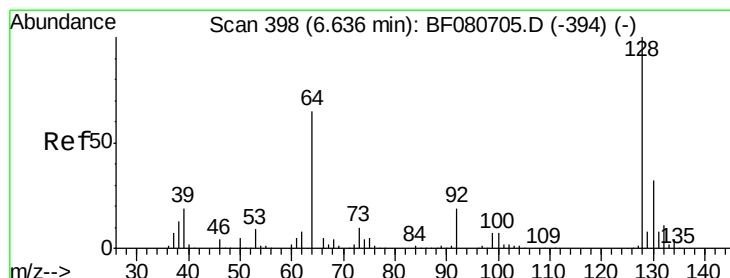
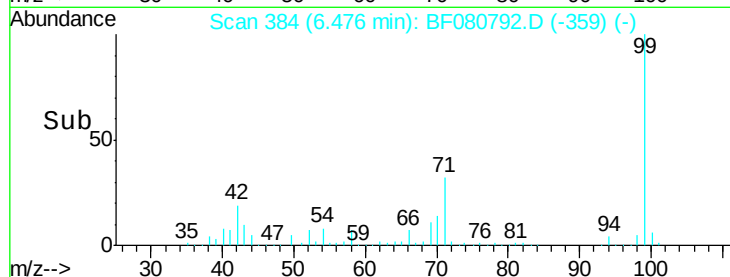
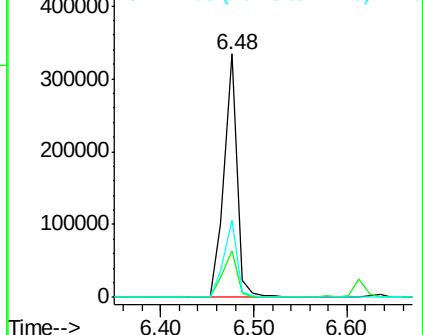
99 100

42 19.0 18.2 27.2

71 31.6 29.5 44.3



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



#8

2-Chlorophenol

Concen: 9.08 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

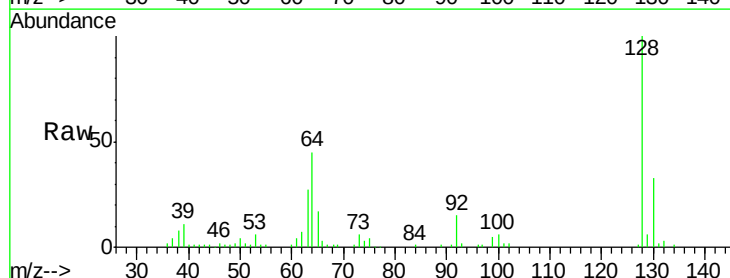
Tgt Ion: 128 Resp: 87184

Ion Ratio Lower Upper

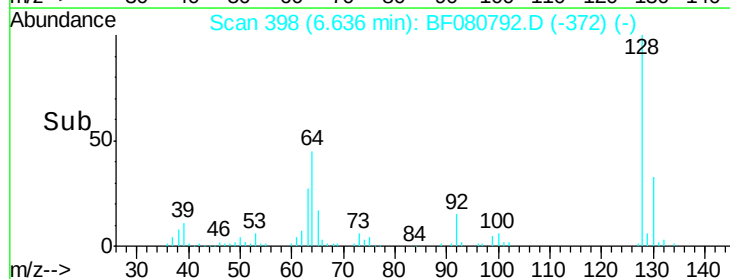
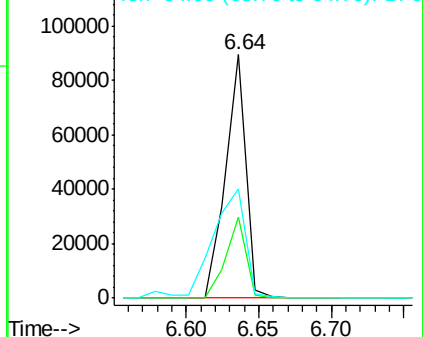
128 100

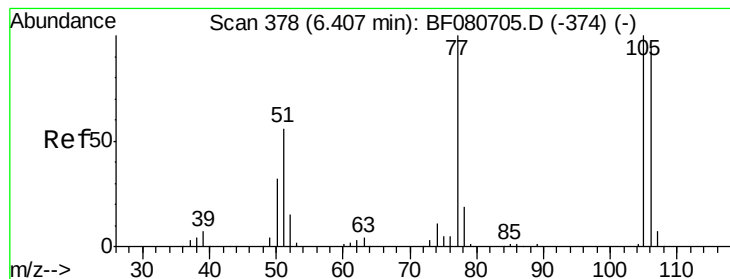
130 33.4 11.7 51.7

64 45.0 48.7 88.7#



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





#9

Benzaldehyde

Concen: 2.19 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

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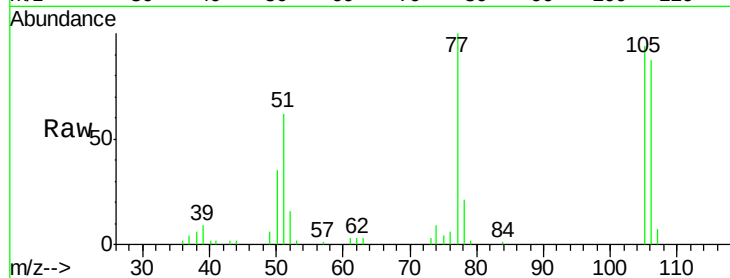
Tot Ion: 77 Resp: 23240

Ion Ratio Lower Upper

77 100

105 94.0 80.2 120.2

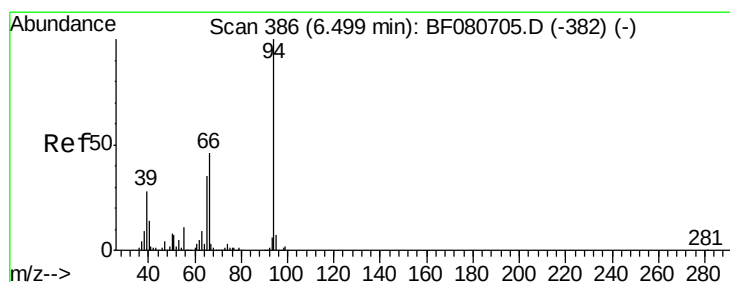
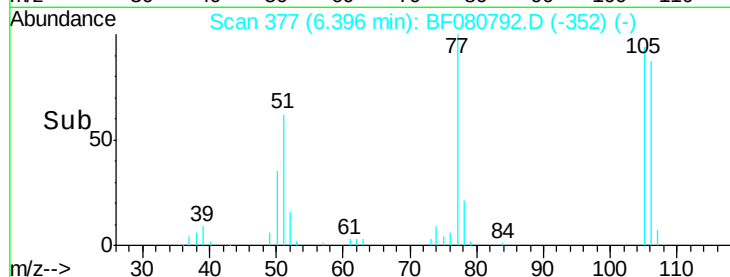
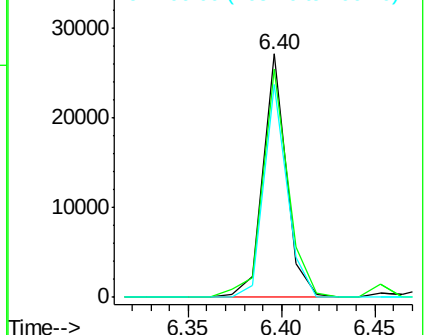
106 87.4 74.2 114.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 9.13 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

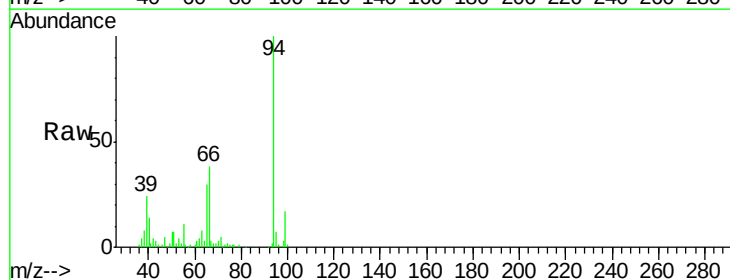
Tgt Ion: 94 Resp: 123204

Ion Ratio Lower Upper

94 100

65 29.7 14.7 54.7

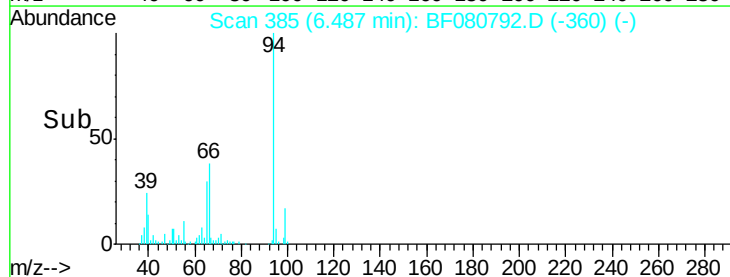
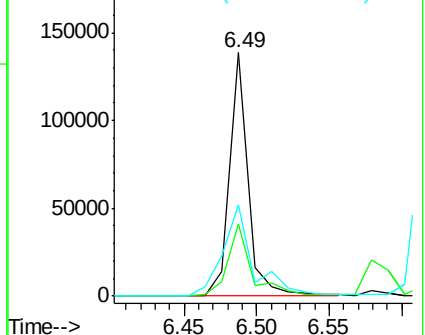
66 37.8 25.9 65.9

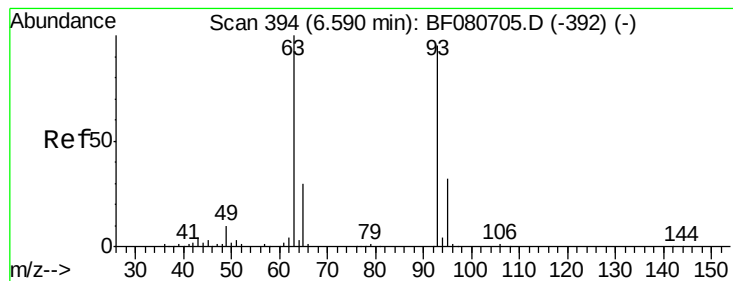


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

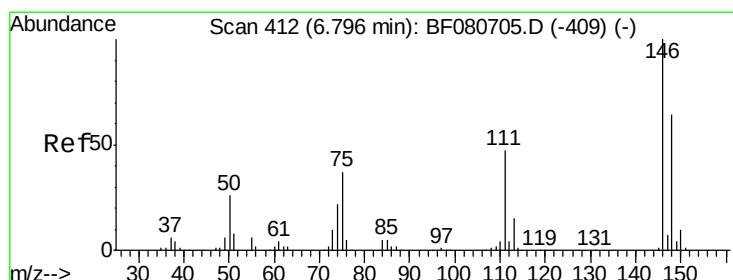
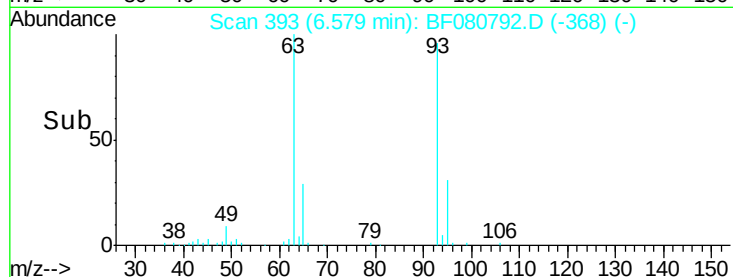
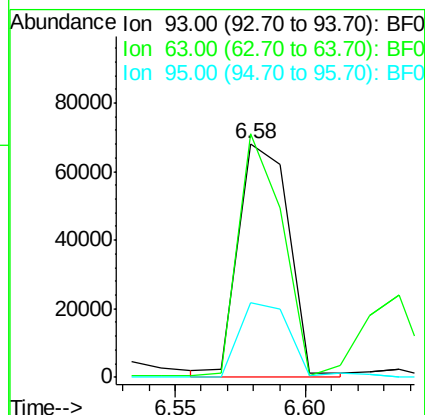
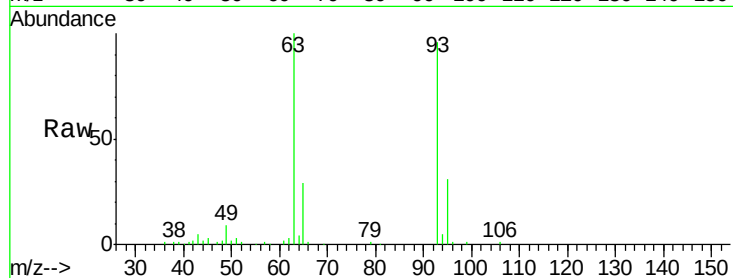




#11
bis(2-Chloroethyl)ether
Concen: 9.54 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF080792.D
Acq: 1 Aug 2015 21:05

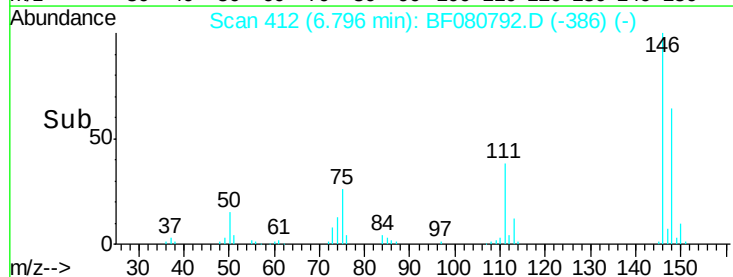
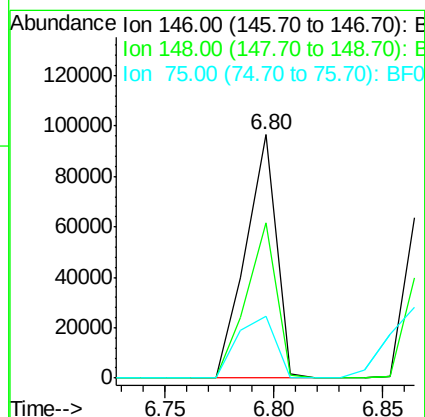
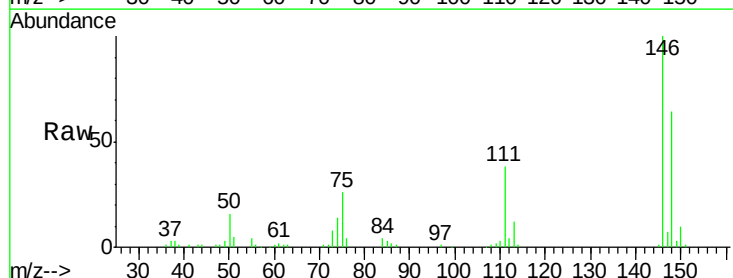
Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MSD

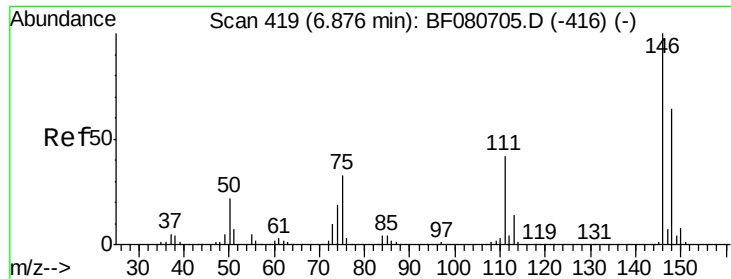
Tot Ion: 93 Resp: 91934
Ion Ratio Lower Upper
93 100
63 104.3 85.3 125.3
95 31.8 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 8.86 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF080792.D
Acq: 1 Aug 2015 21:05

Tgt Ion: 146 Resp: 94683
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
75 25.6 29.4 44.0#

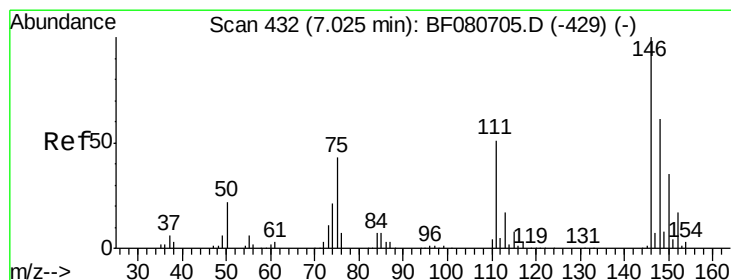
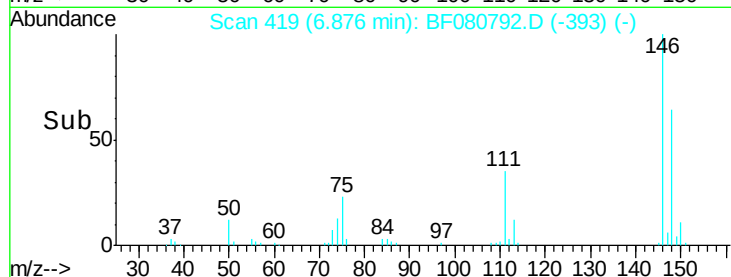
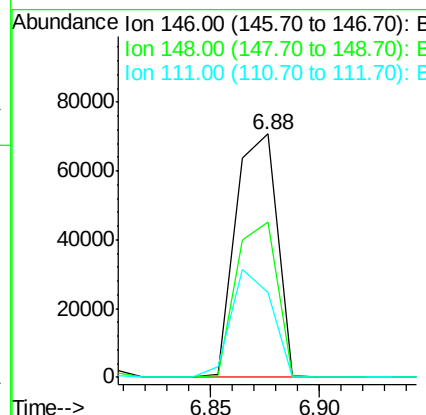
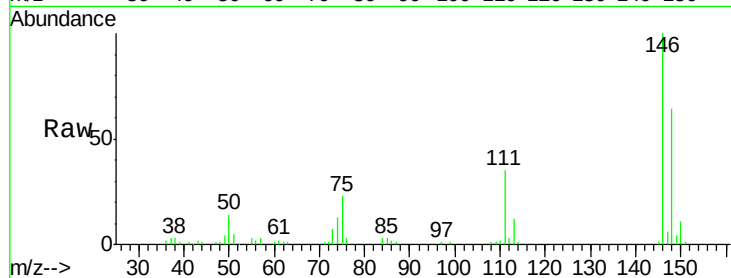




#13
 1,4-Dichlorobenzene
 Concen: 8.56 ng
 RT: 6.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF080792.D
 Acq: 1 Aug 2015 21:05

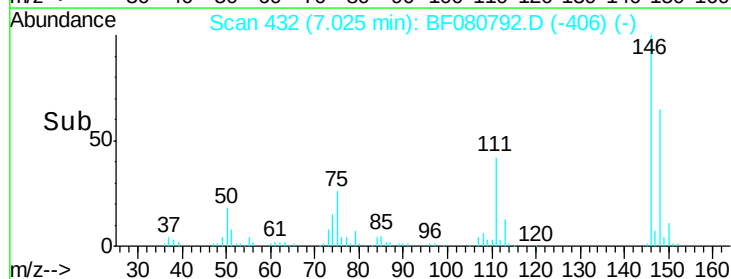
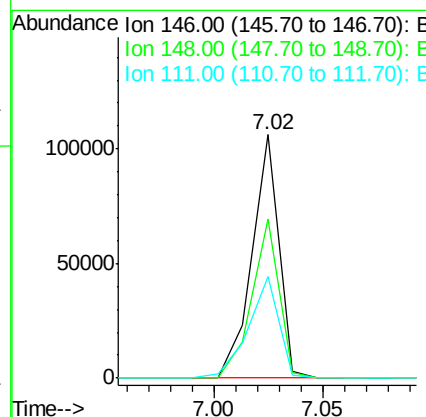
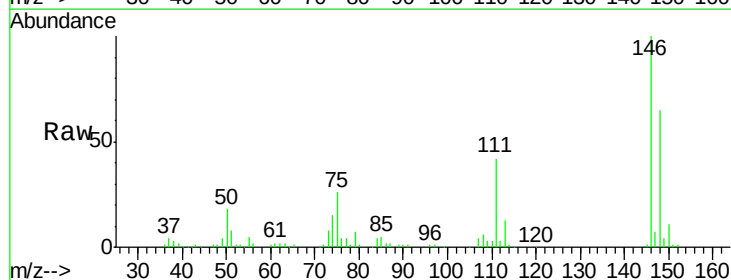
Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-2(0-6FTBGS)MSD

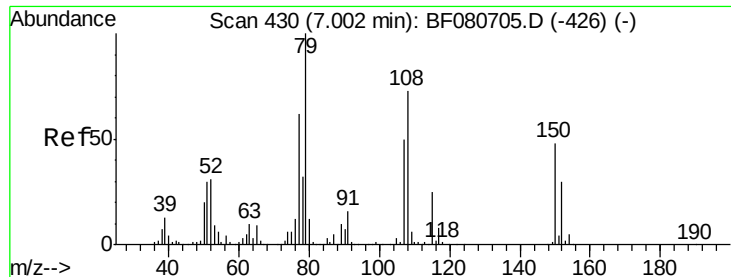
Tot Ion:146 Resp: 93278
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.4 77.2
 111 34.7 33.8 50.6



#14
 1,2-Dichlorobenzene
 Concen: 9.13 ng
 RT: 7.02 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF080792.D
 Acq: 1 Aug 2015 21:05

Tgt Ion:146 Resp: 91002
 Ion Ratio Lower Upper
 146 100
 148 65.2 49.2 73.8
 111 41.8 41.0 61.4





#15

Benzyl Alcohol

Concen: 4.07 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-2(0-6FTBGS)MSD

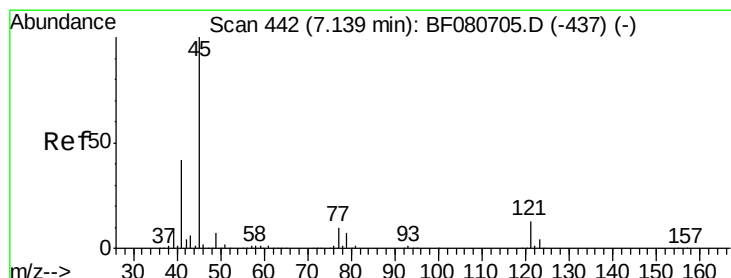
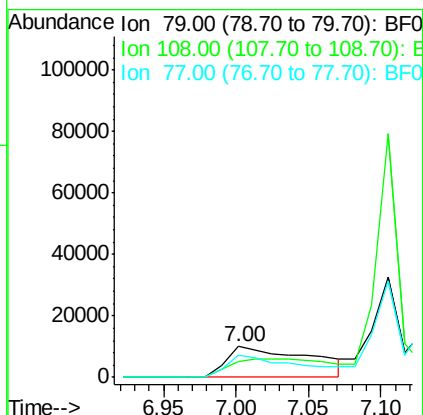
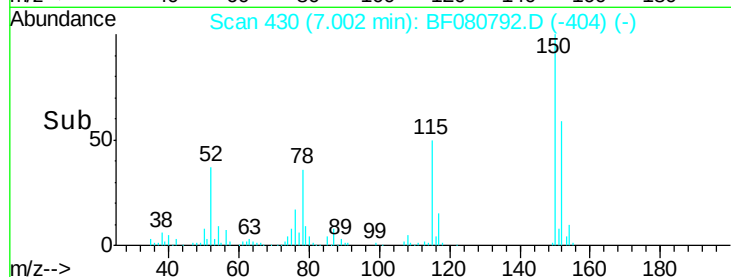
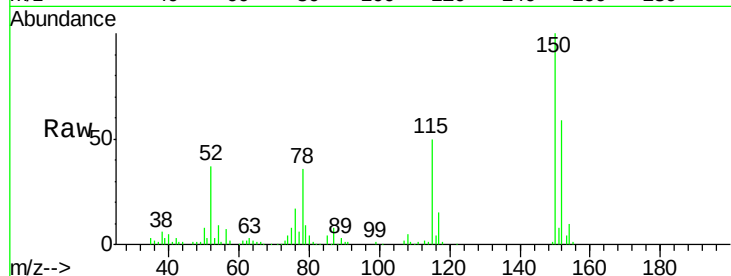
Tot Ion: 79 Resp: 39409

Ion Ratio Lower Upper

79 100

108 53.5 58.7 88.1#

77 72.7 49.8 74.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 8.85 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

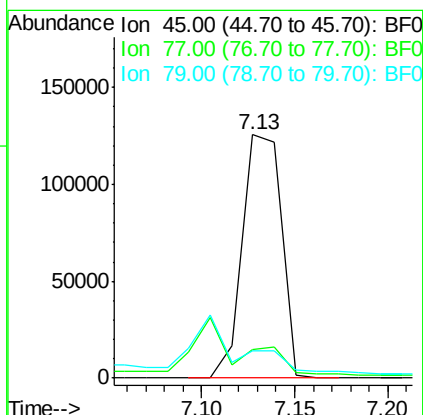
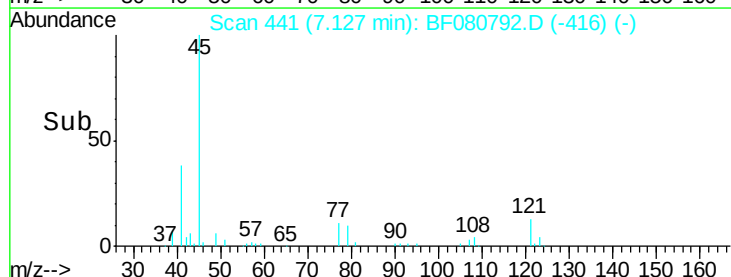
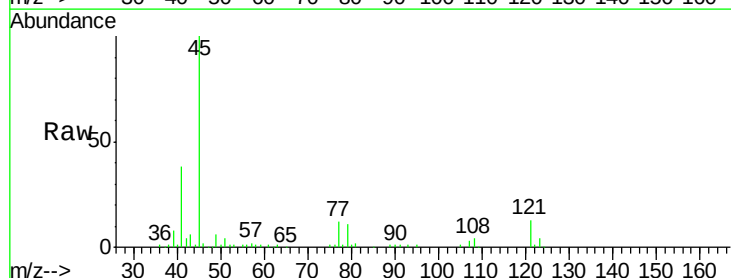
Tgt Ion: 45 Resp: 182236

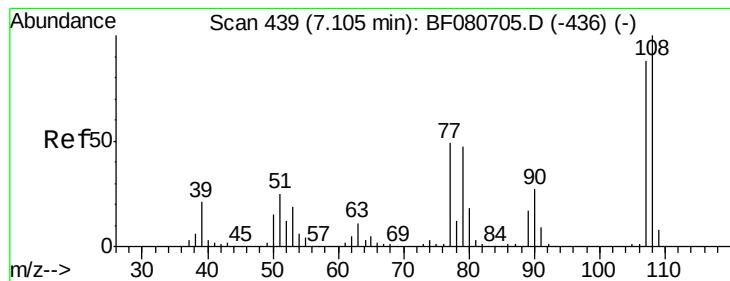
Ion Ratio Lower Upper

45 100

77 11.7 0.0 29.9

79 11.0 0.0 27.4

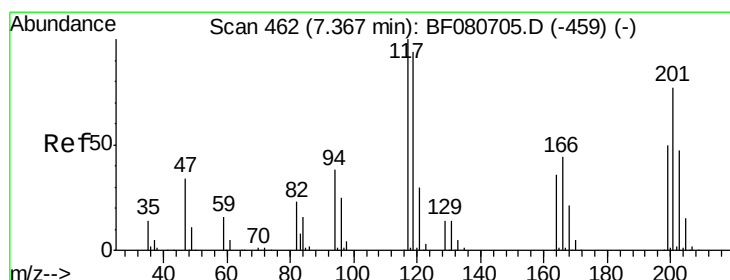
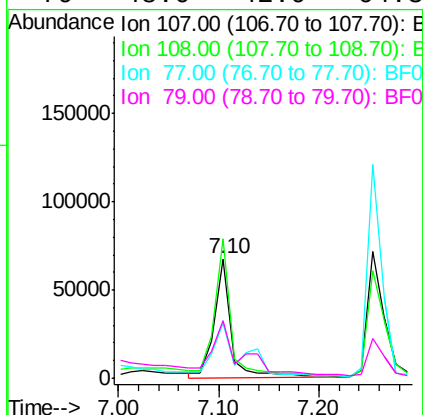
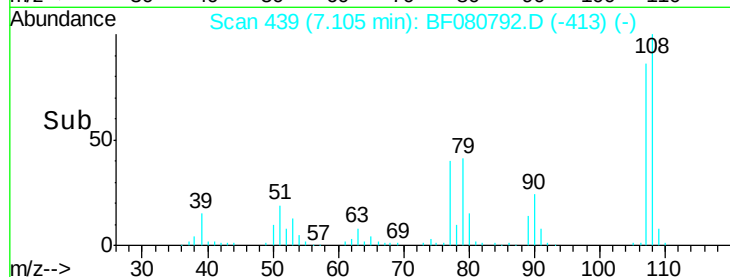
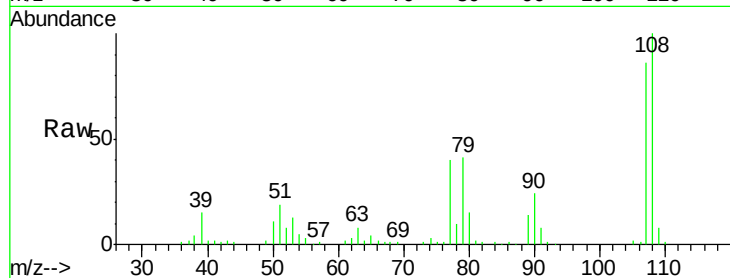




#17
2-Methylphenol
Concen: 10.05 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF080792.D
Acq: 1 Aug 2015 21:05

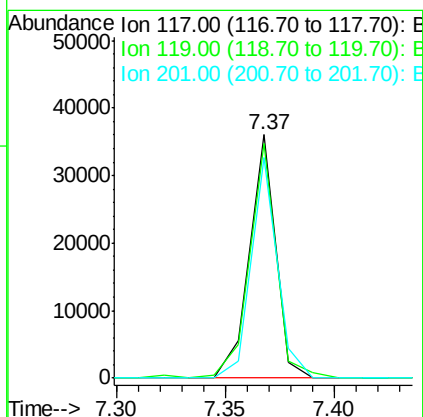
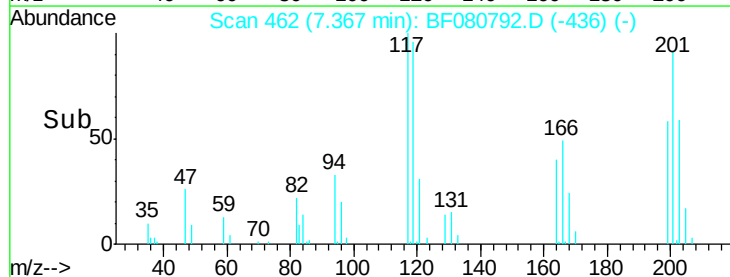
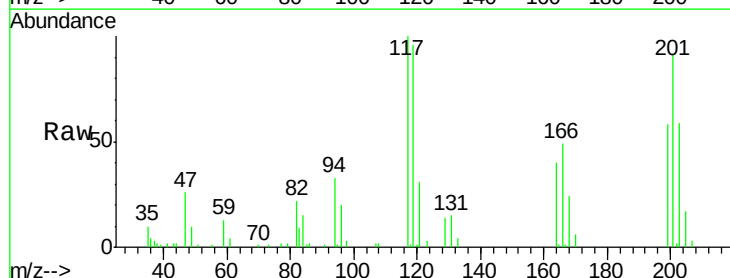
Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MSD

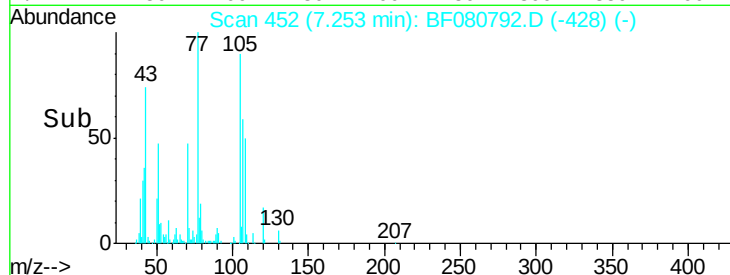
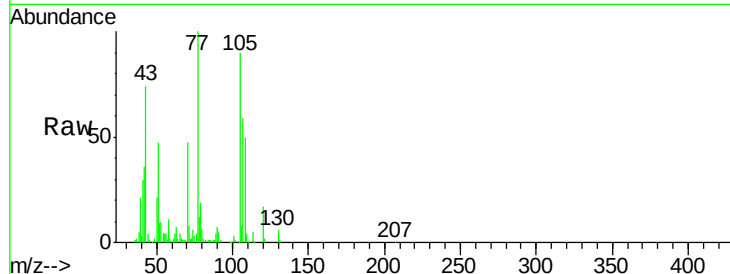
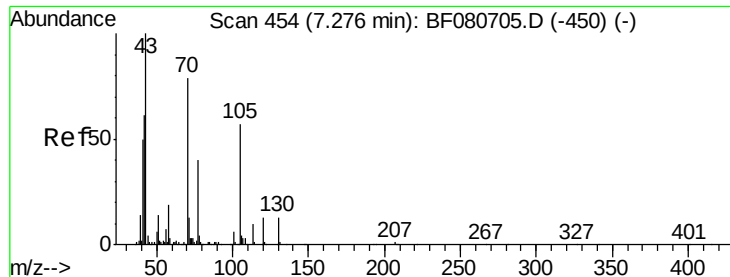
Tot Ion:107 Resp: 79203
Ion Ratio Lower Upper
107 100
108 116.8 90.8 136.2
77 46.1 44.6 67.0
79 48.0 42.9 64.3



#18
Hexachloroethane
Concen: 7.42 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF080792.D
Acq: 1 Aug 2015 21:05

Tgt Ion:117 Resp: 30176
Ion Ratio Lower Upper
117 100
119 96.3 74.9 112.3
201 90.7 61.5 92.3

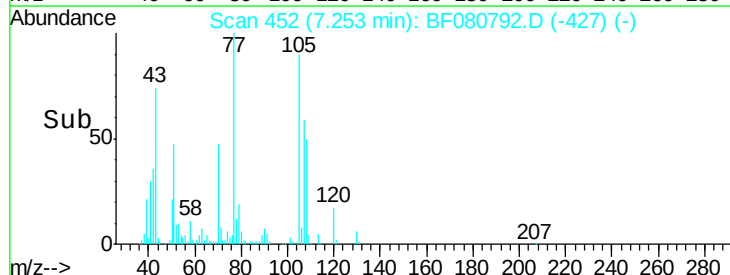
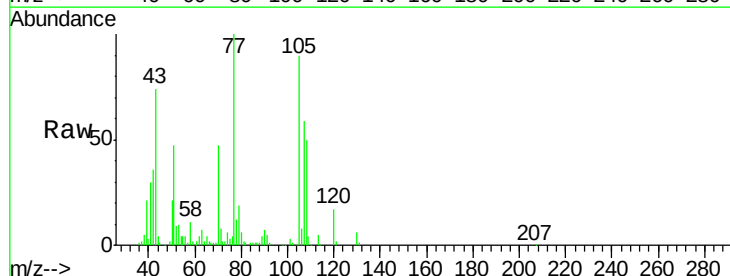
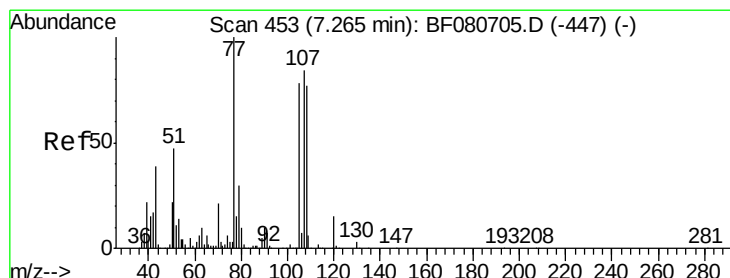
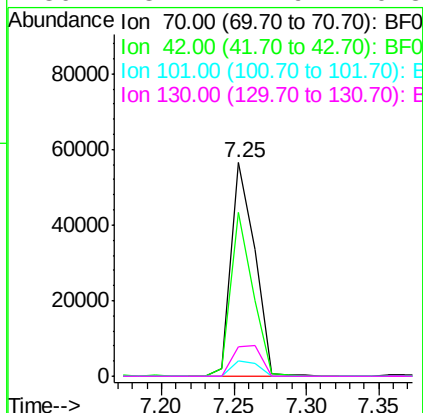




#19
n-Nitroso-di-n-propylamine
Concen: 8.16 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF080792.D
Acq: 1 Aug 2015 21:05

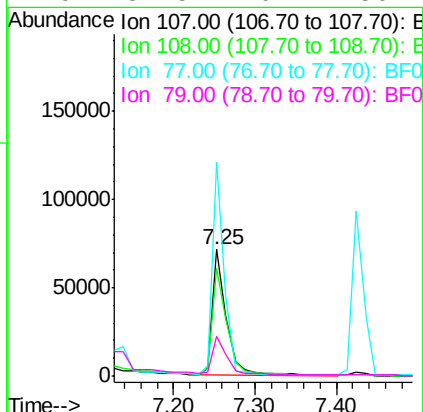
Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MSD

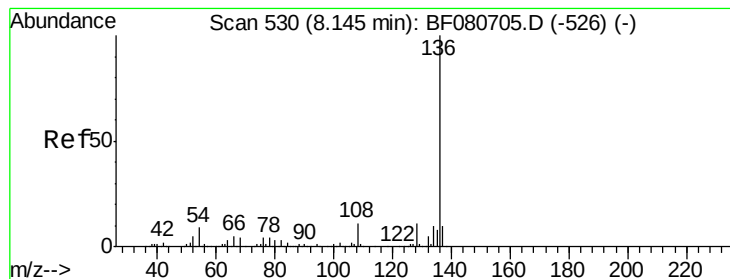
Tot Ion:	70	Resp:	64043
Ion	Ratio	Lower	Upper
70	100		
42	77.0	61.8	92.6
101	7.4	6.1	9.1
130	13.7	12.9	19.3



#20
3+4-Methylphenols
Concen: 8.89 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF080792.D
Acq: 1 Aug 2015 21:05

Tgt Ion:	107	Resp:	86417
Ion	Ratio	Lower	Upper
107	100		
108	85.3	71.8	111.8
77	169.1	99.8	139.8
79	31.5	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-2(0-6FTBGS)MSD

Tot Ion:136 Resp: 499240

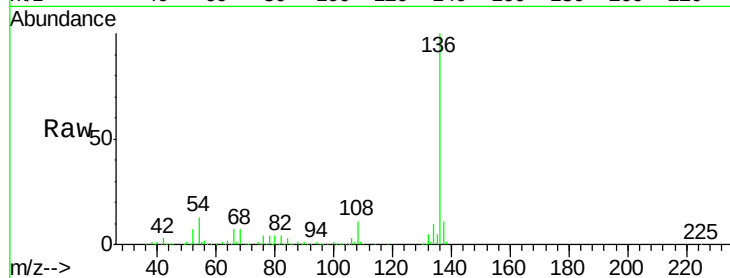
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 13.3 6.9 10.3#

68 7.0 3.5 5.3#

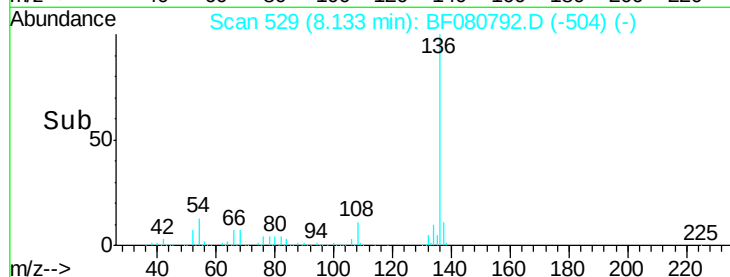


Abundance Ion 136.00 (135.70 to 136.70): E

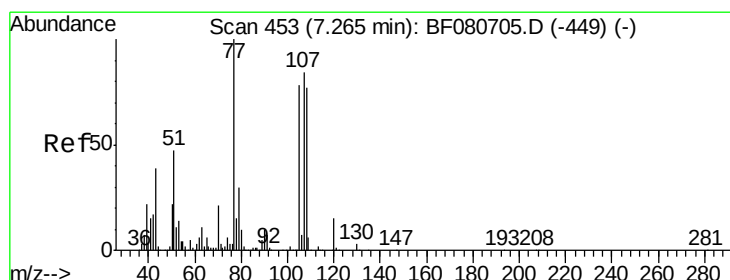
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.05 8.10 8.15



#22

Acetophenone

Concen: 9.48 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

Tgt Ion:105 Resp: 114235

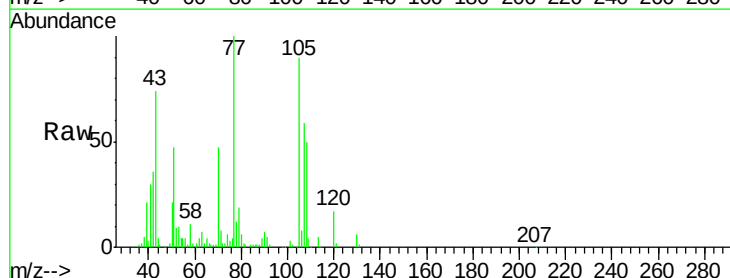
Ion Ratio Lower Upper

105 100

71 8.5 3.4 5.0#

51 52.0 47.9 71.9

120 19.2 15.0 22.6

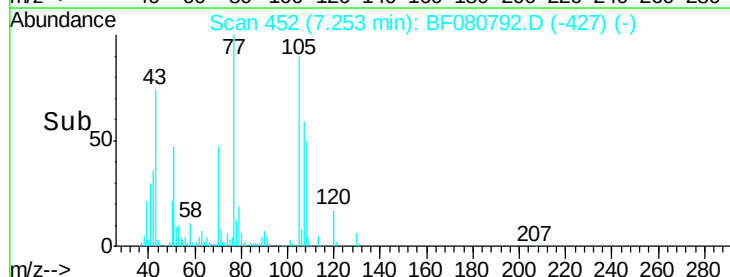


Abundance Ion 105.00 (104.70 to 105.70): E

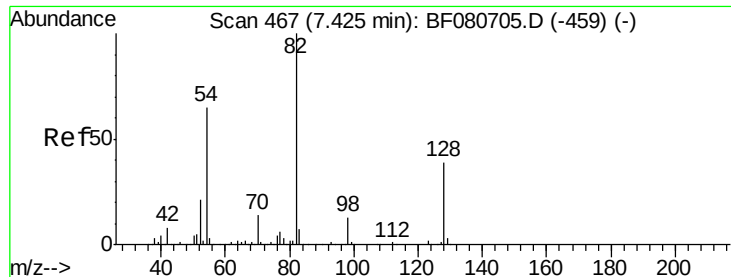
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



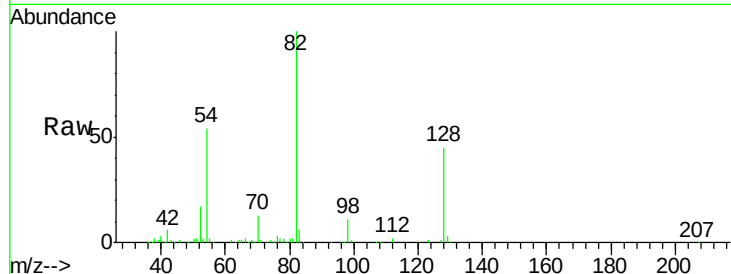
Time--> 7.20 7.25 7.30



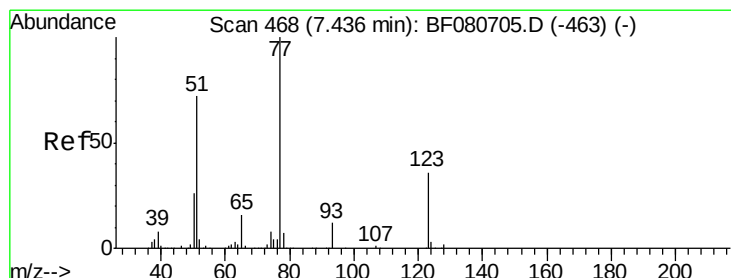
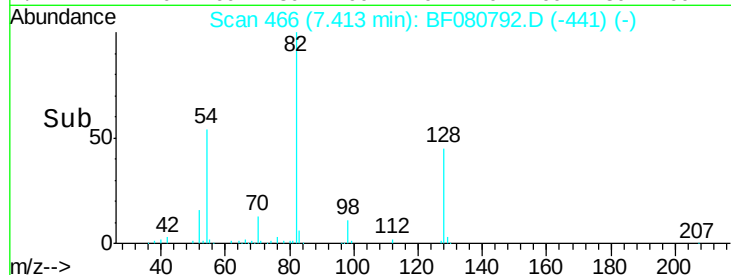
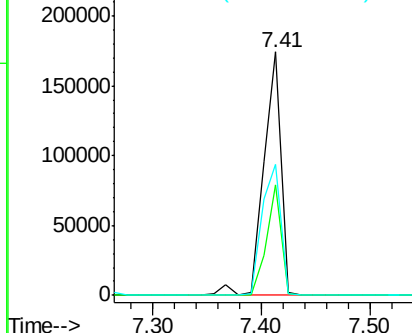
#23
 Nitrobenzene-d5
 Concen: 18.95 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080792.D
 Acq: 1 Aug 2015 21:05

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-2(0-6FTBGS)MSD

Tot Ion	82	Resp	195369
Ion Ratio	Lower	Upper	
82	100		
128	45.2	31.5	47.3
54	53.6	51.8	77.8

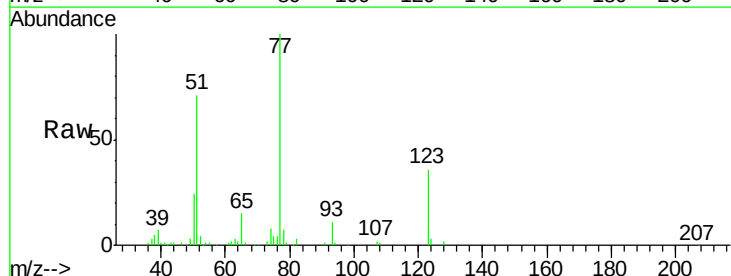


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

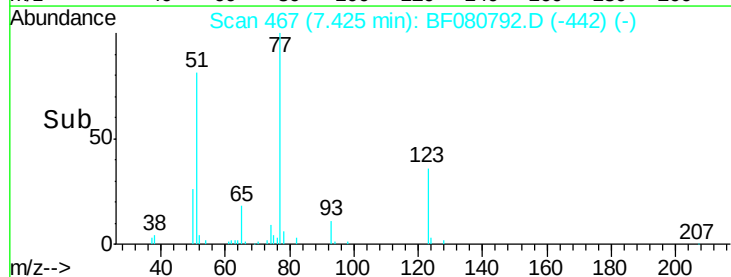
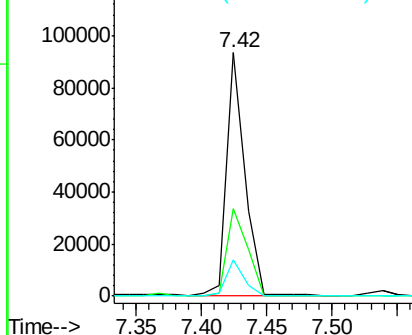


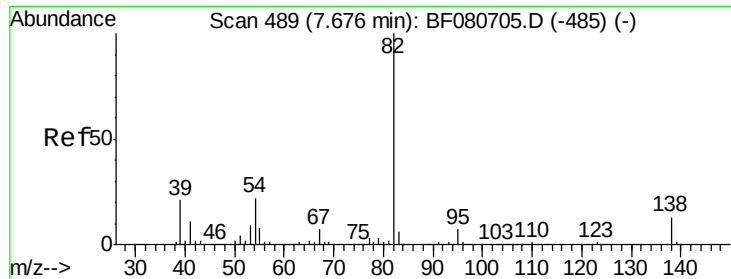
#24
 Nitrobenzene
 Concen: 8.88 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF080792.D
 Acq: 1 Aug 2015 21:05

Tgt Ion	77	Resp	91692
Ion Ratio	Lower	Upper	
77	100		
123	36.0	28.9	43.3
65	15.2	13.0	19.4



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: 8.64 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-2(0-6FTBGS)MSD

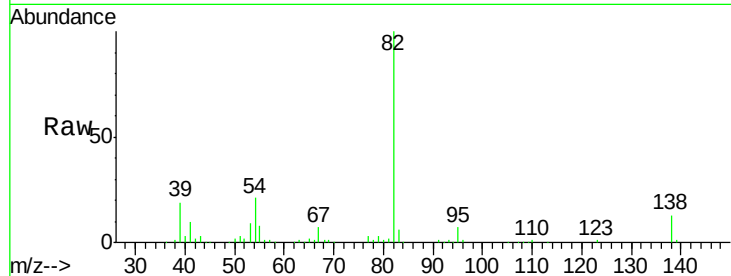
Tot Ion: 82 Resp: 158484

Ion Ratio Lower Upper

82 100

95 6.5 5.8 8.6

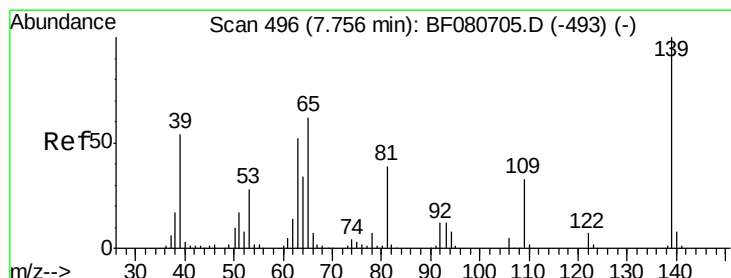
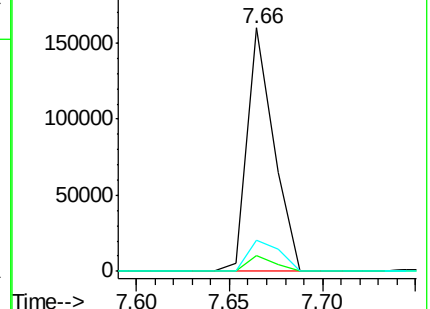
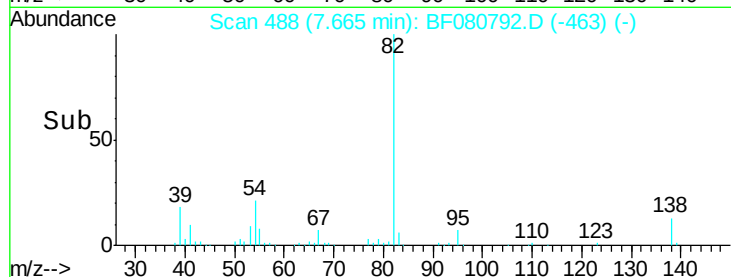
138 12.9 10.7 16.1



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: 6.99 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

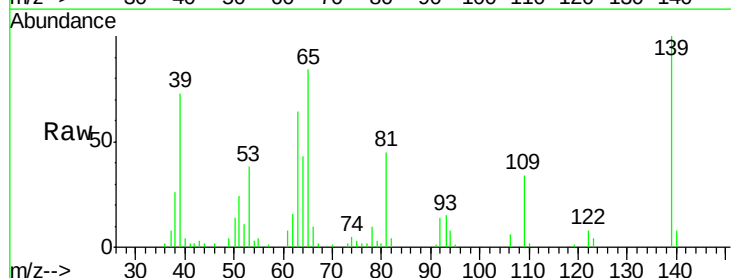
Tgt Ion: 139 Resp: 29291

Ion Ratio Lower Upper

139 100

109 34.0 26.5 39.7

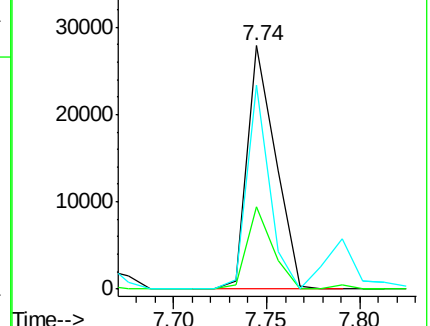
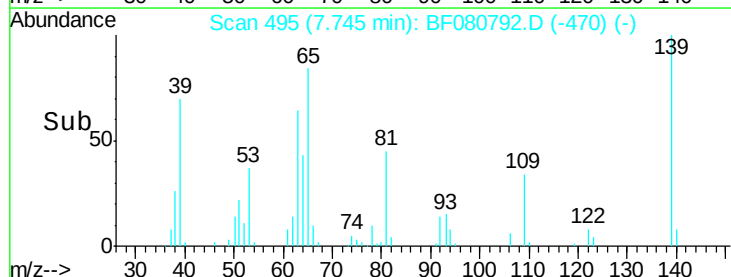
65 83.6 49.8 74.8#

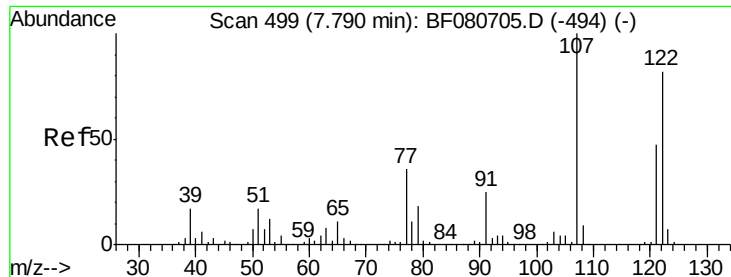


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

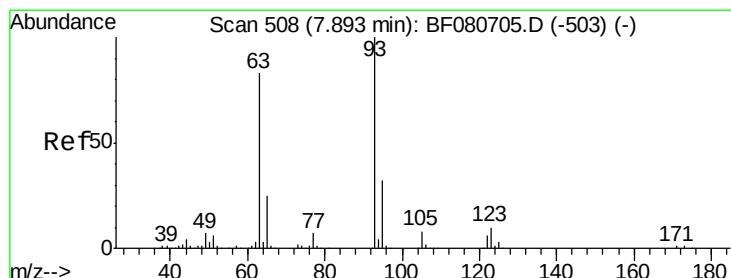
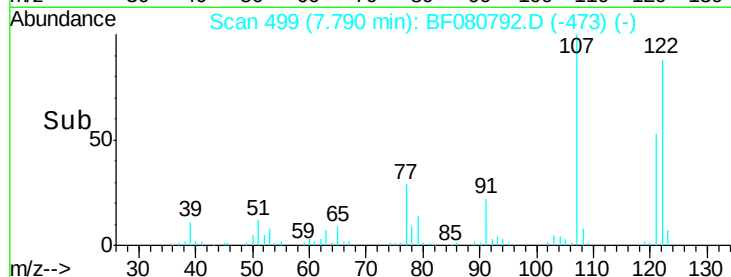
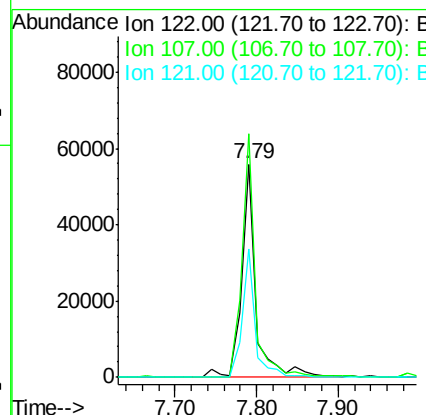
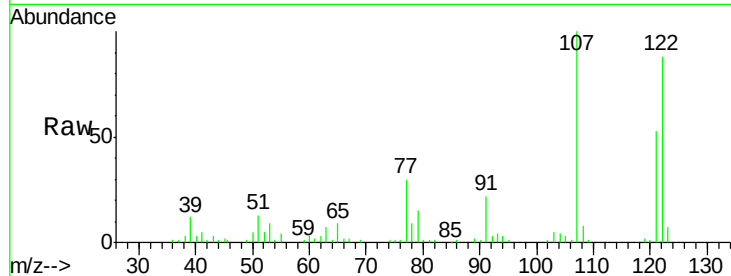




#27
 2,4-Dimethylphenol
 Concen: 8.66 ng
 RT: 7.79 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF080792.D
 Acq: 1 Aug 2015 21:05

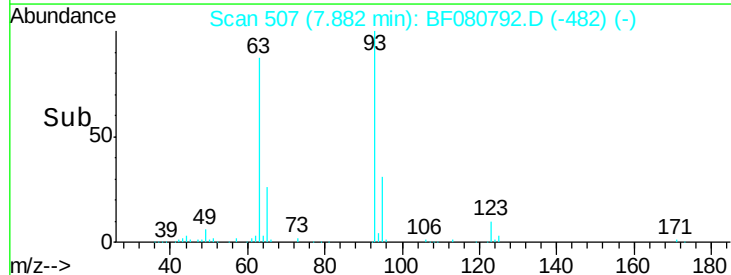
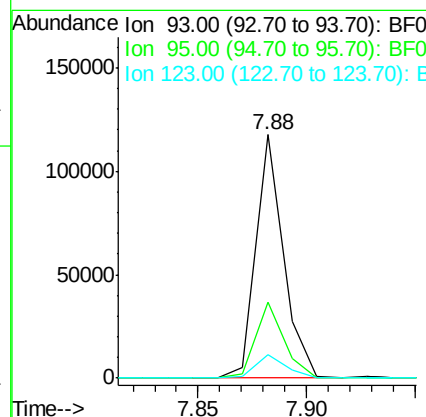
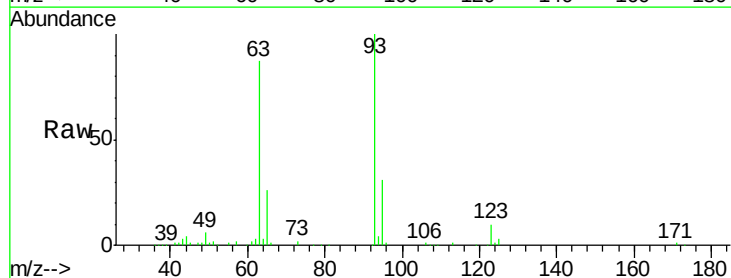
Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-2(0-6FTBGS)MSD

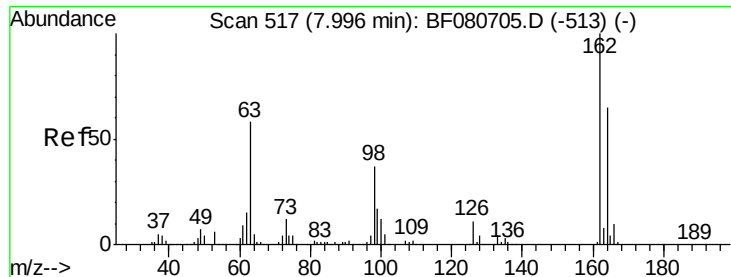
Tot Ion:122 Resp: 68247
 Ion Ratio Lower Upper
 122 100
 107 114.1 98.1 147.1
 121 60.4 45.8 68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 9.57 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: BF080792.D
 Acq: 1 Aug 2015 21:05

Tgt Ion: 93 Resp: 103917
 Ion Ratio Lower Upper
 93 100
 95 31.4 26.0 39.0
 123 9.6 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 8.72 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-2(0-6FTBGS)MSD

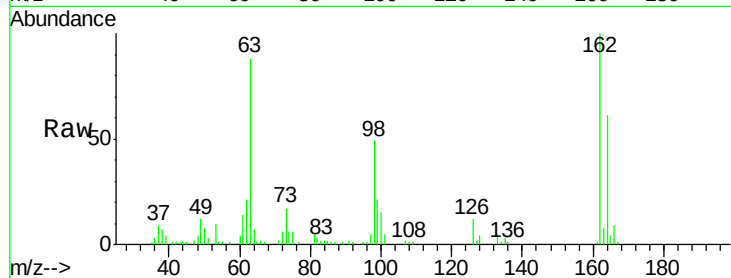
Tot Ion:162 Resp: 61025

Ion Ratio Lower Upper

162 100

164 61.1 45.1 85.1

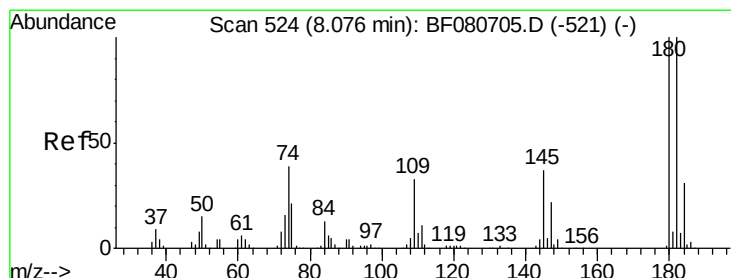
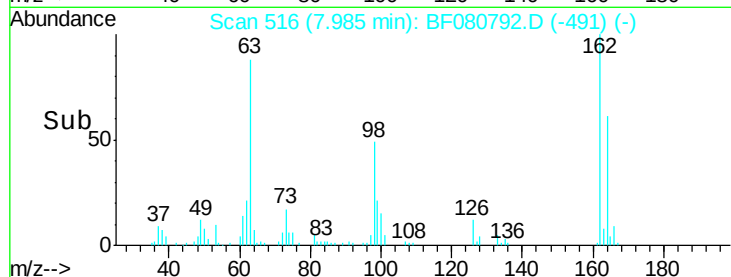
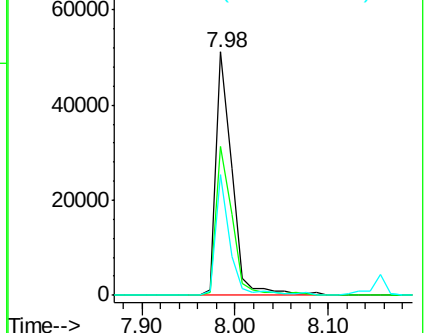
98 49.3 17.0 57.0



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: 9.77 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

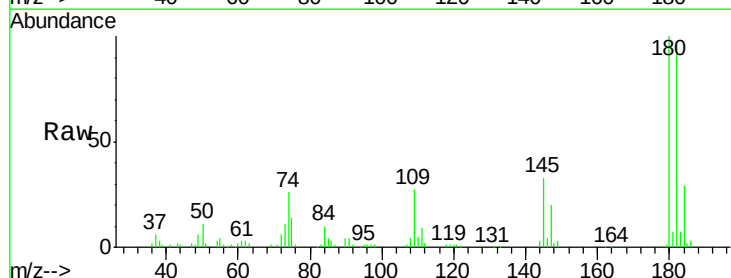
Tgt Ion:180 Resp: 74605

Ion Ratio Lower Upper

180 100

182 96.3 79.8 119.8

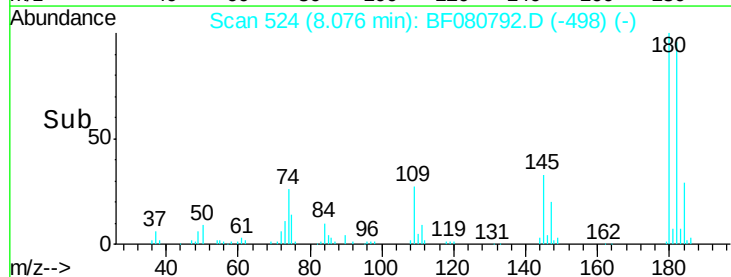
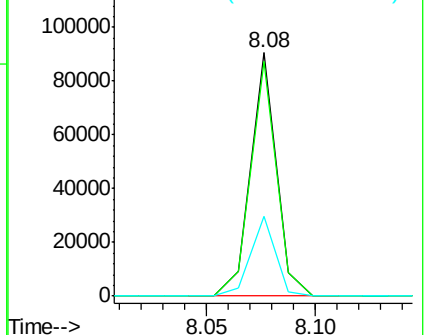
145 32.6 29.8 44.6

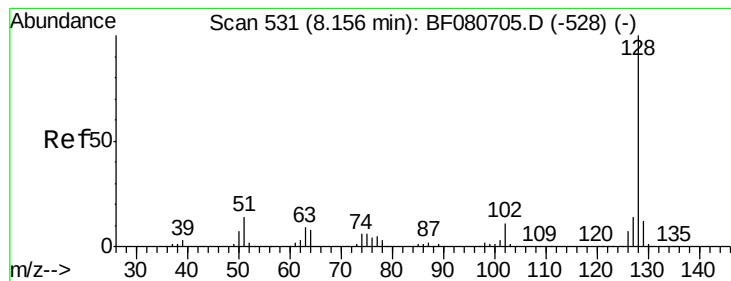


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 10.39 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-2(0-6FTBGS)MSD

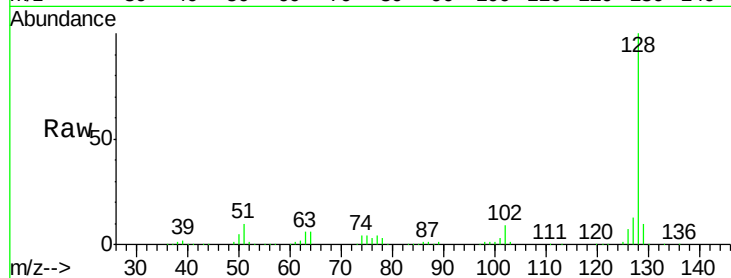
Tot Ion:128 Resp: 258929

Ion Ratio Lower Upper

128 100

129 10.3 9.5 14.3

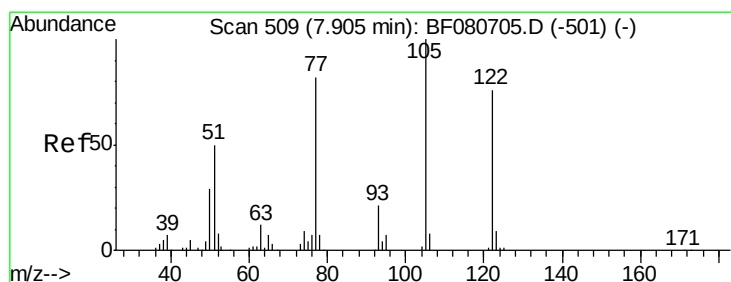
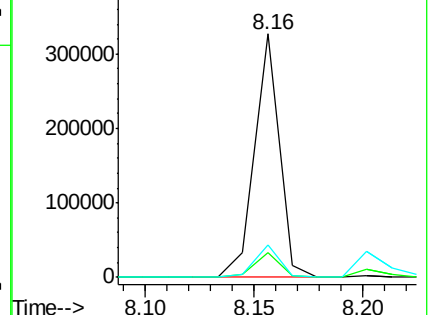
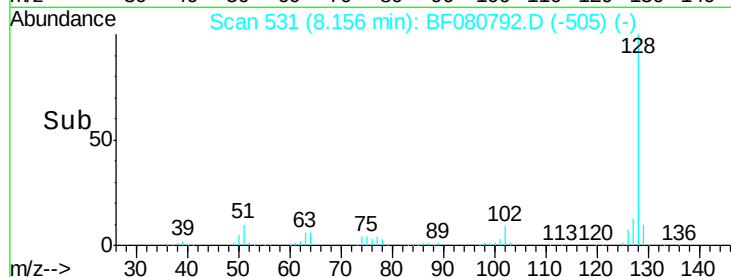
127 13.1 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 12.59 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.11 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

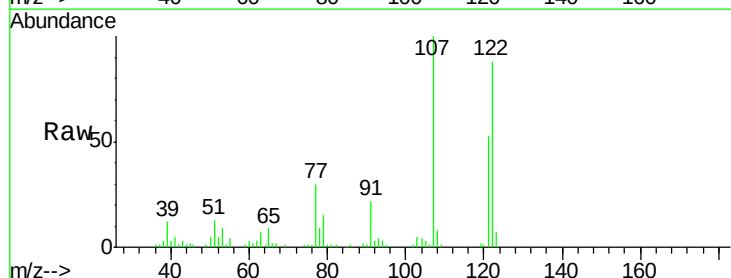
Tgt Ion:122 Resp: 68247

Ion Ratio Lower Upper

122 100

105 3.7 111.3 151.3#

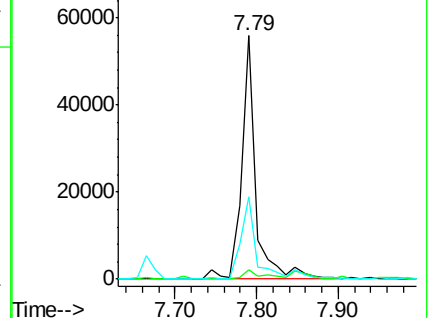
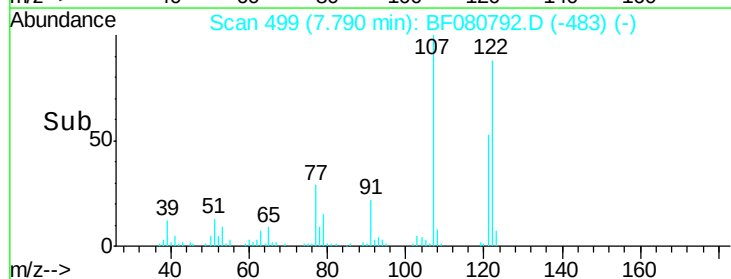
77 33.7 88.1 128.1#

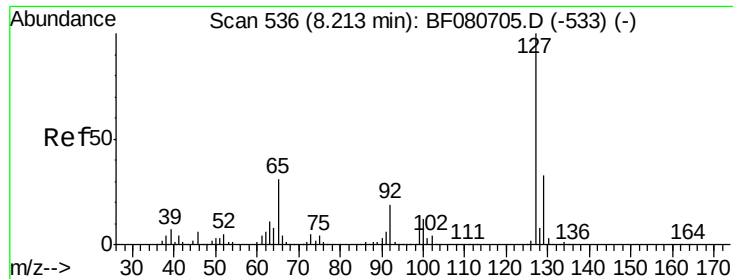


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

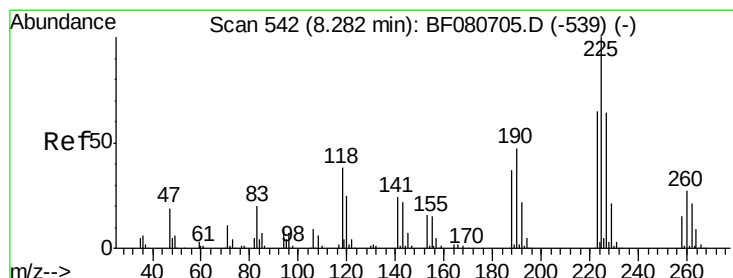
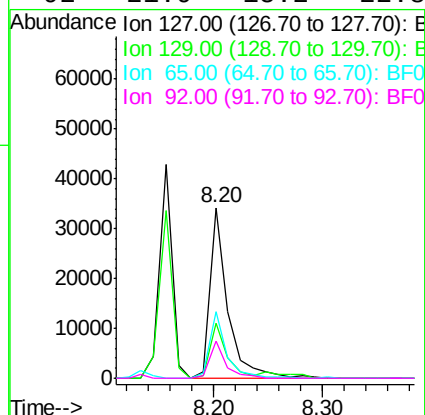
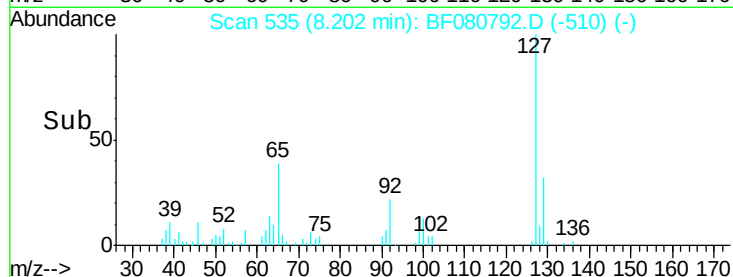
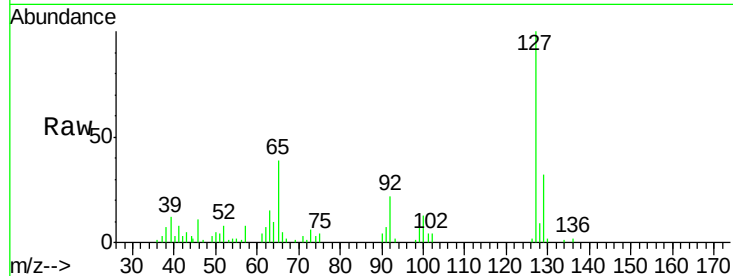




#33
4-Chloroaniline
Concen: 3.76 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF080792.D
Acq: 1 Aug 2015 21:05

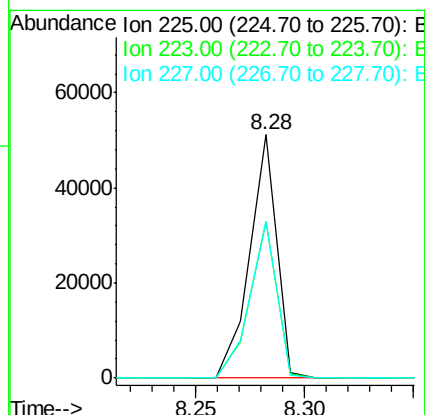
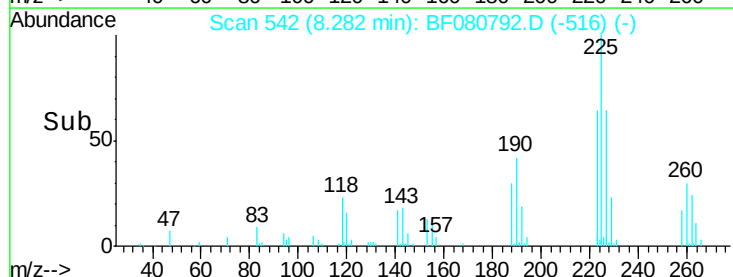
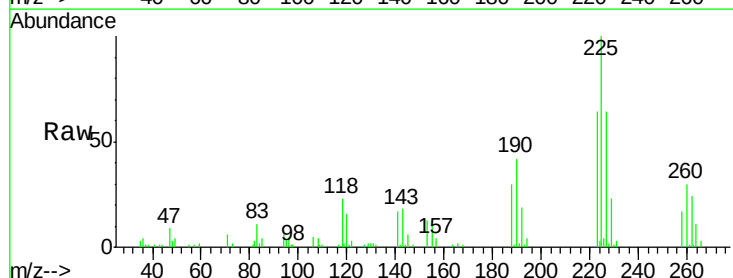
Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MSD

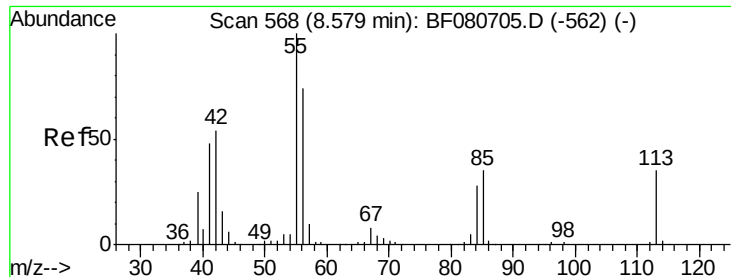
Tot Ion:	127	Resp:	39578
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.7	40.1
65	39.0	24.5	36.7#
92	21.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 8.93 ng
RT: 8.28 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF080792.D
Acq: 1 Aug 2015 21:05

Tgt Ion:	225	Resp:	44041
Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.7	77.5
227	64.5	51.0	76.4





#35

Caprolactam

Concen: 7.44 ng

RT: 8.53 min Scan# 564

Delta R.T. -0.05 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-2(0-6FTBGS)MSD

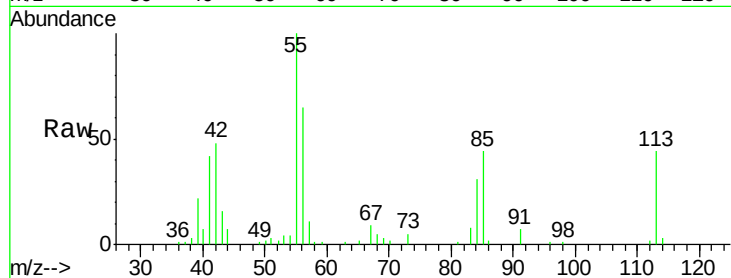
Tot Ion:113 Resp: 15597

Ion Ratio Lower Upper

113 100

55 229.6 269.3 309.3#

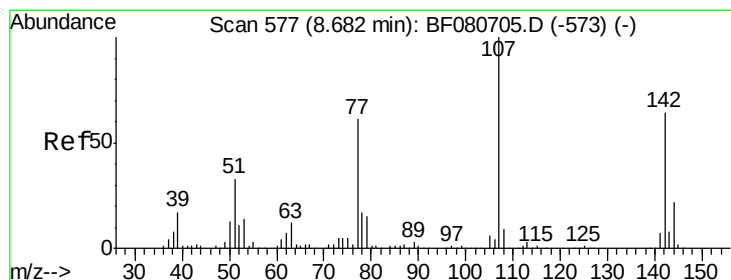
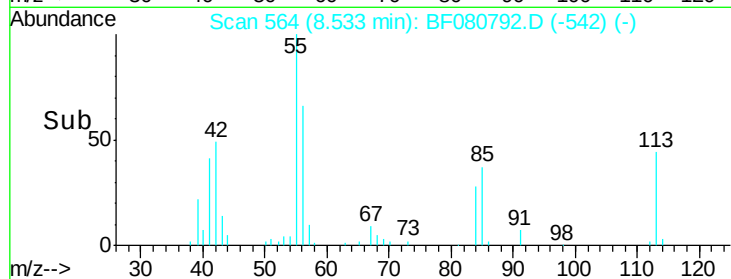
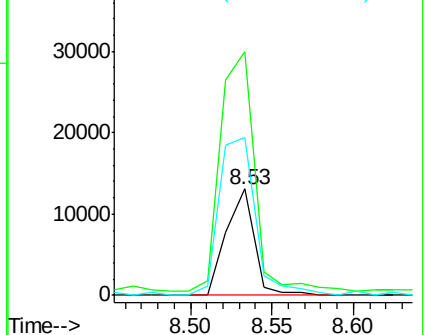
56 148.8 193.3 233.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 8.04 ng

RT: 8.68 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

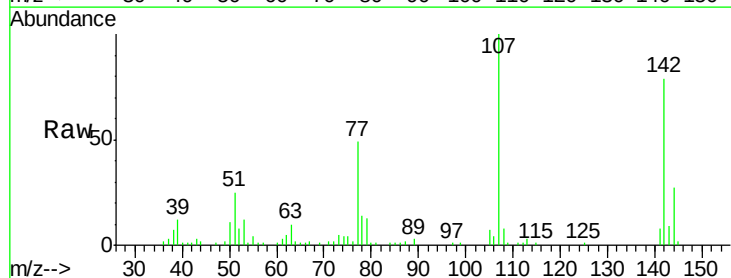
Tgt Ion:107 Resp: 60691

Ion Ratio Lower Upper

107 100

144 26.6 17.2 25.8#

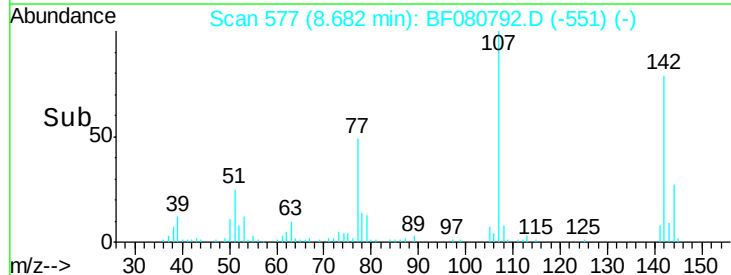
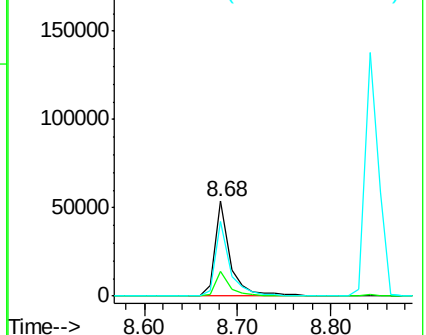
142 78.6 51.2 76.8#

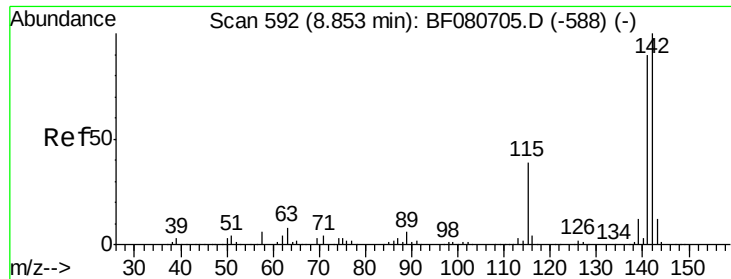


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

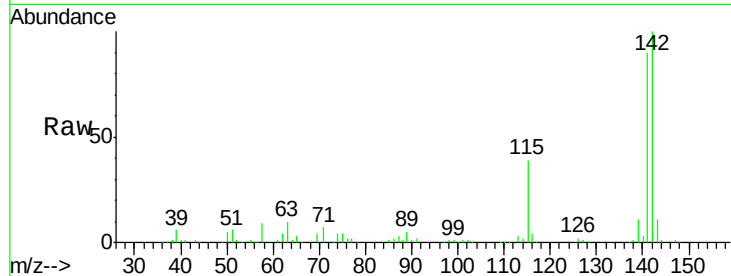




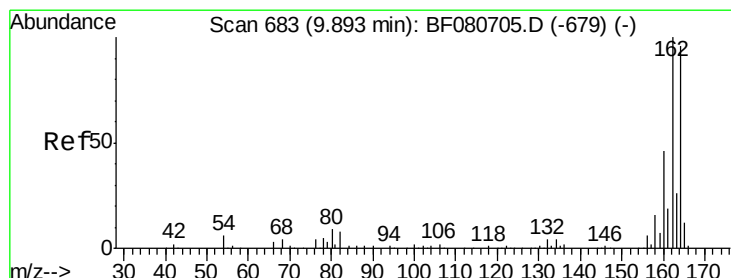
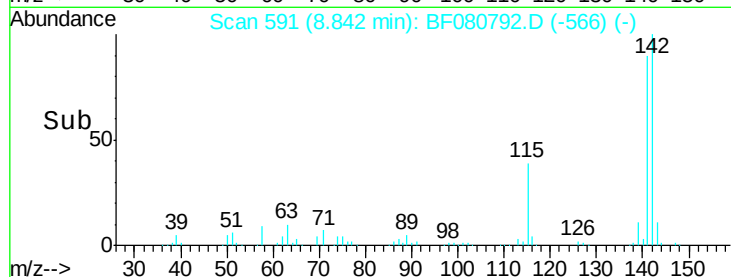
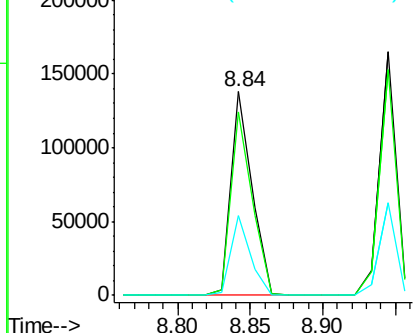
#37
 2-Methylnaphthalene
 Concen: 8.89 ng
 RT: 8.84 min Scan# 591
 Delta R.T. -0.01 min
 Lab File: BF080792.D
 Acq: 1 Aug 2015 21:05

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-2(0-6FTBGS)MSD

Tot Ion:142 Resp: 139024
 Ion Ratio Lower Upper
 142 100
 141 90.4 71.9 107.9
 115 39.4 31.4 47.2

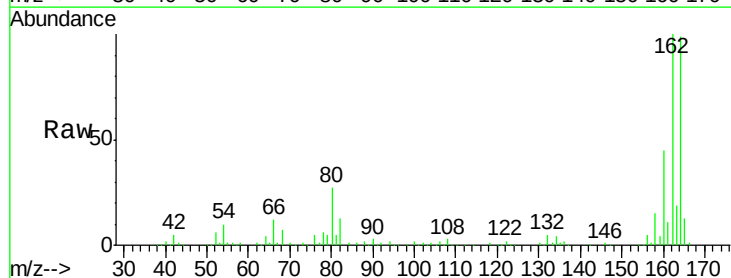


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

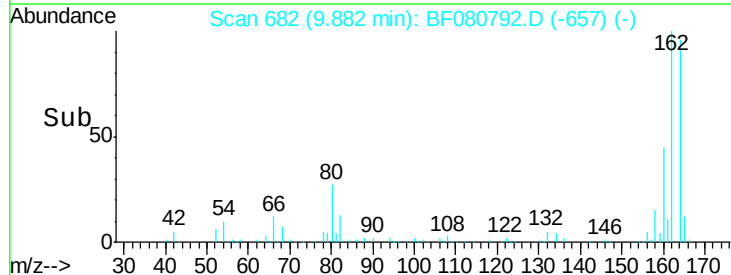
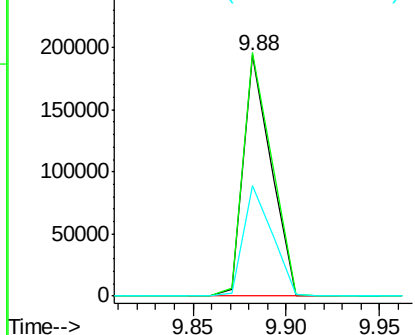


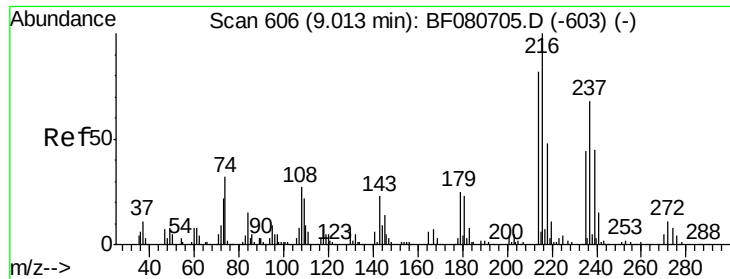
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF080792.D
 Acq: 1 Aug 2015 21:05

Tgt Ion:164 Resp: 200538
 Ion Ratio Lower Upper
 164 100
 162 101.2 83.4 125.0
 160 45.9 38.0 57.0



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

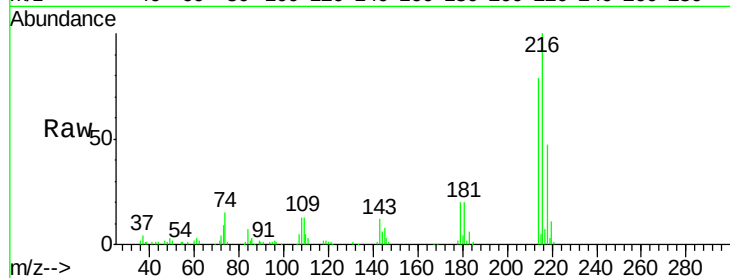




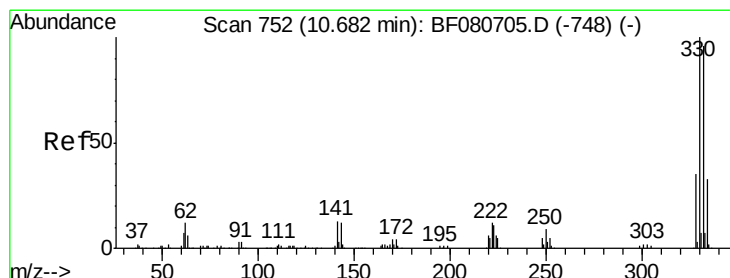
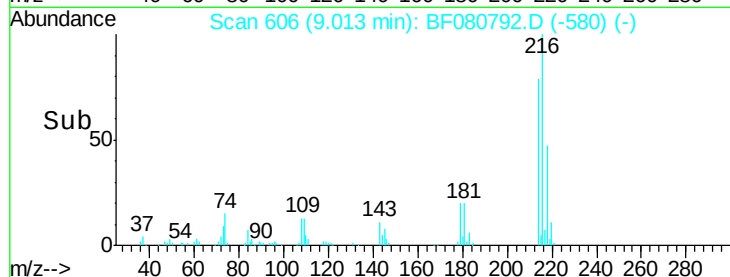
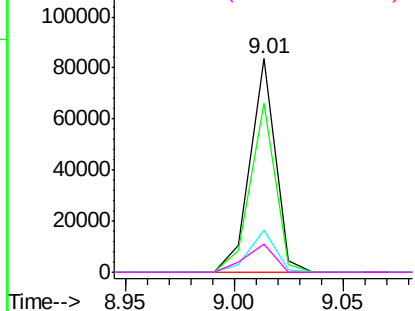
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 10.76 ng
 RT: 9.01 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF080792.D
 Acq: 1 Aug 2015 21:05

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-2(0-6FTBGS)MSD

Tot Ion:216 Resp: 67760
 Ion Ratio Lower Upper
 216 100
 214 78.8 63.1 94.7
 179 20.9 16.9 25.3
 108 15.1 17.0 25.6#

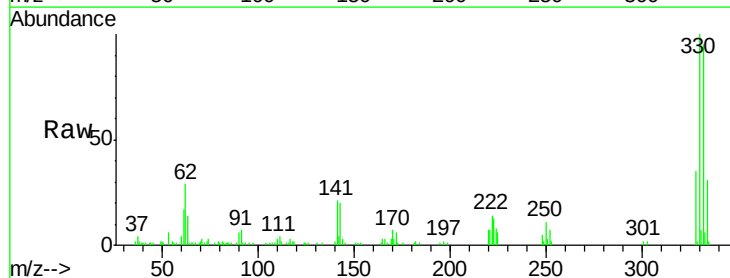


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

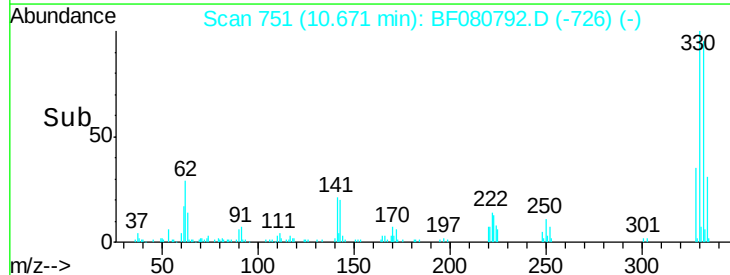
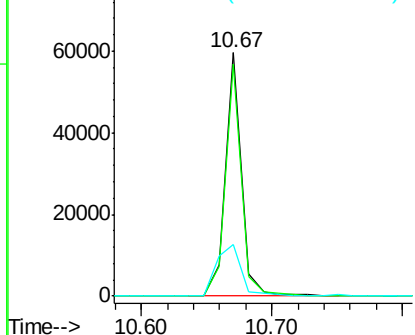


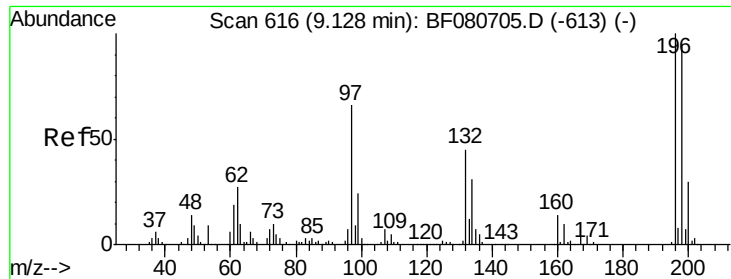
#41
 2,4,6-Tribromophenol
 Concen: 24.71 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080792.D
 Acq: 1 Aug 2015 21:05

Tgt Ion:330 Resp: 51424
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.6 114.8
 141 32.7 26.0 39.0



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

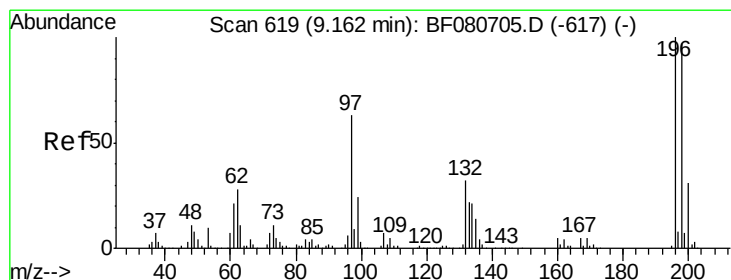
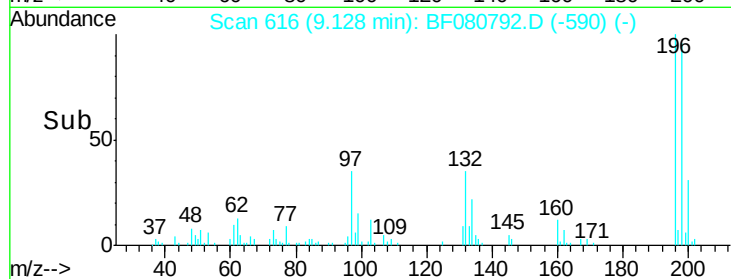
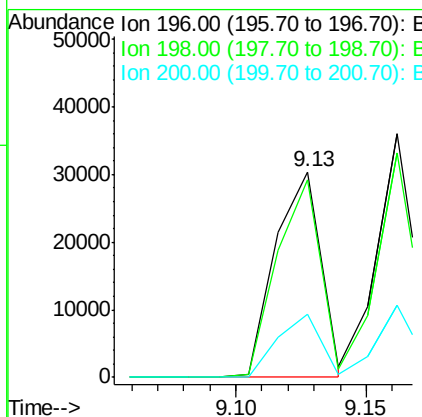
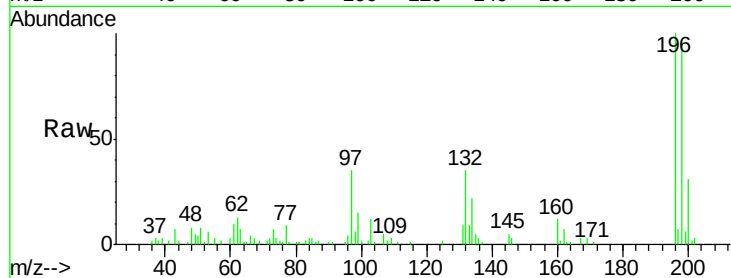




#42
 2,4,6-Trichlorophenol
 Concen: 8.41 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF080792.D
 Acq: 1 Aug 2015 21:05

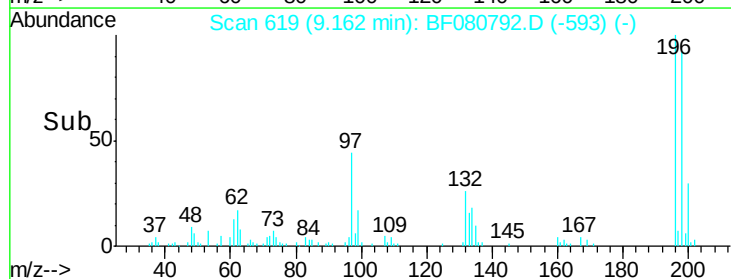
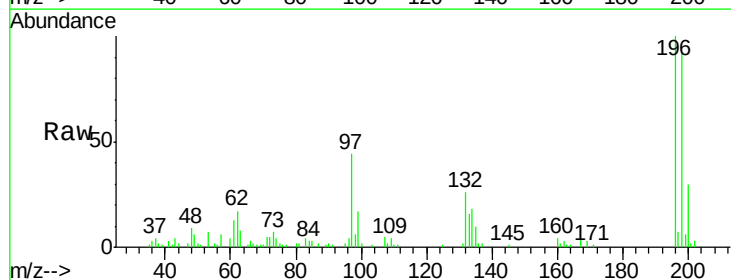
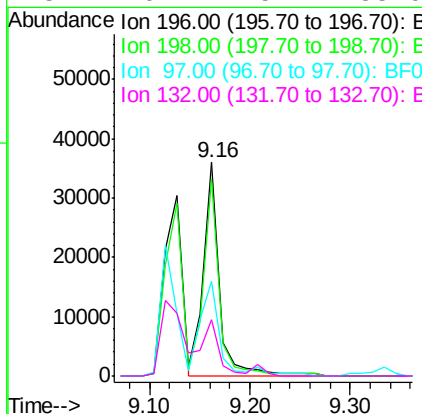
Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-2(0-6FTBGS)MSD

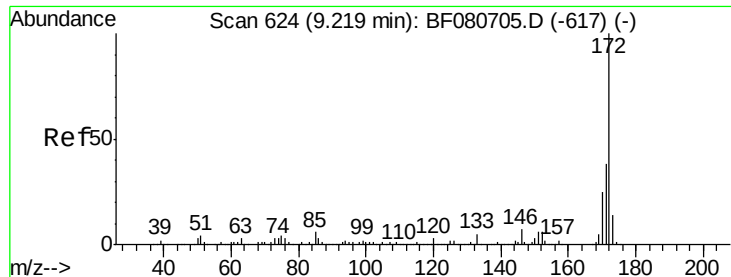
Tot Ion:196 Resp: 36850
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.8 113.8
 200 30.8 24.2 36.2



#43
 2,4,5-Trichlorophenol
 Concen: 9.28 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF080792.D
 Acq: 1 Aug 2015 21:05

Tgt Ion:196 Resp: 40341
 Ion Ratio Lower Upper
 196 100
 198 92.4 77.8 116.8
 97 44.3 49.0 73.4#
 132 26.2 25.4 38.0





#44

2-Fluorobiphenyl

Concen: 23.06 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-2(0-6FTBGS)MSD

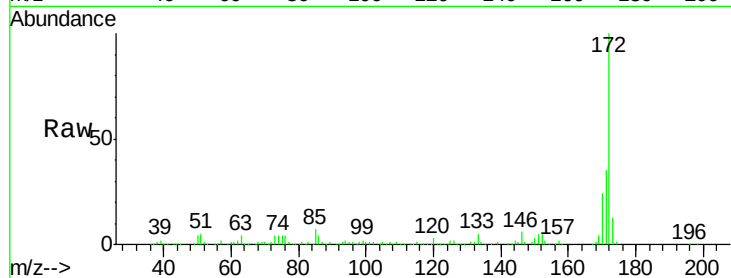
Tot Ion:172 Resp: 309936

Ion Ratio Lower Upper

172 100

171 35.4 30.2 45.4

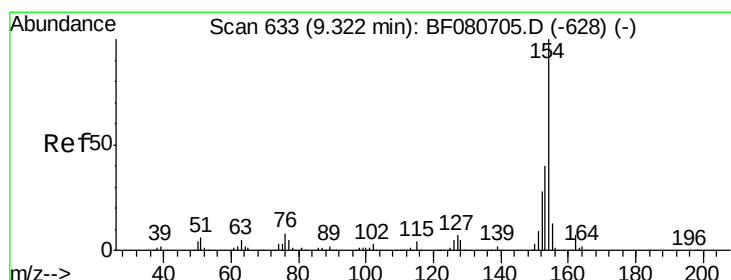
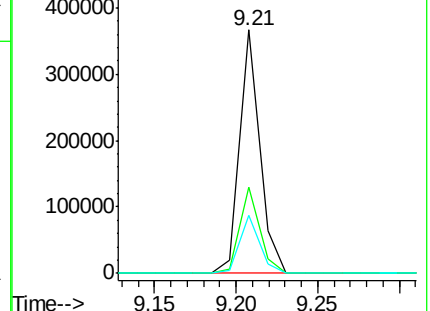
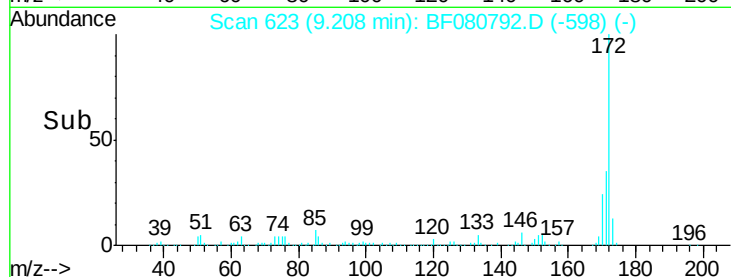
170 24.0 20.2 30.2



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: 11.60 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

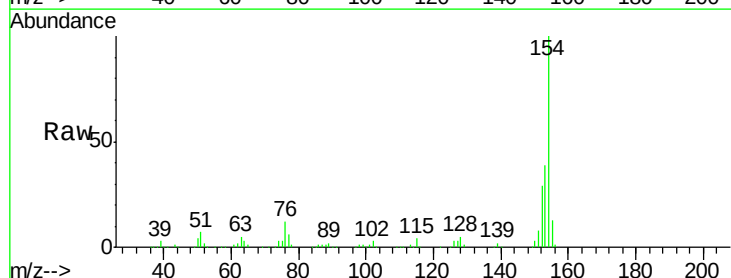
Tgt Ion:154 Resp: 178295

Ion Ratio Lower Upper

154 100

153 39.3 19.9 59.9

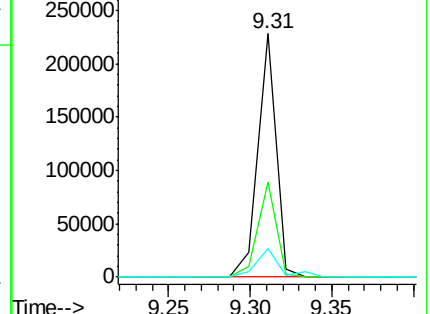
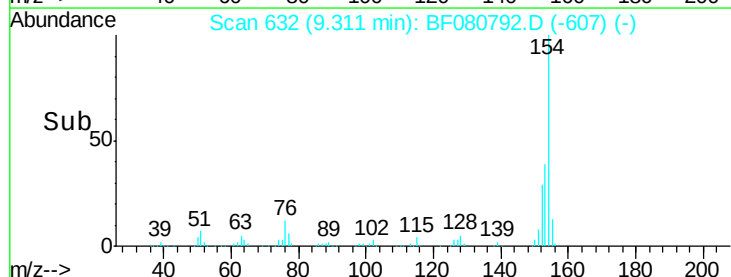
76 11.5 0.0 28.3

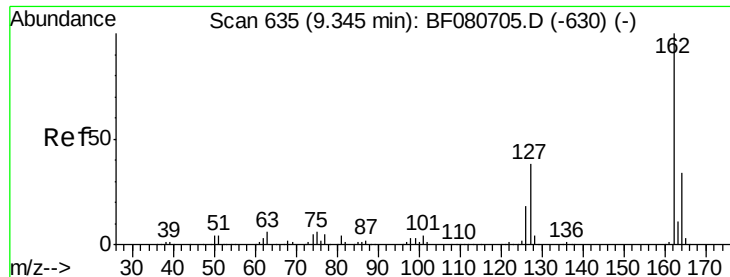


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

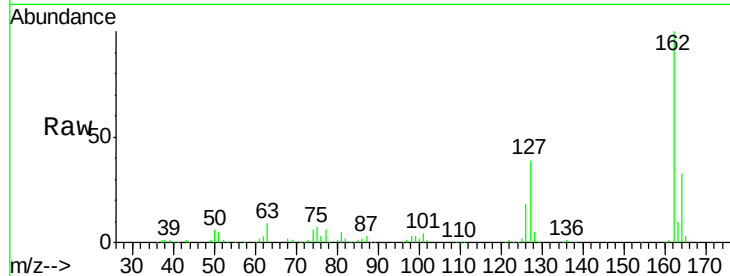




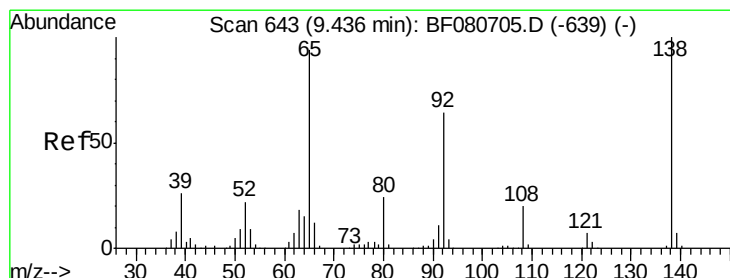
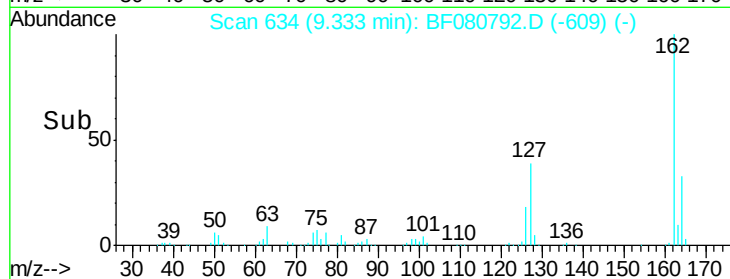
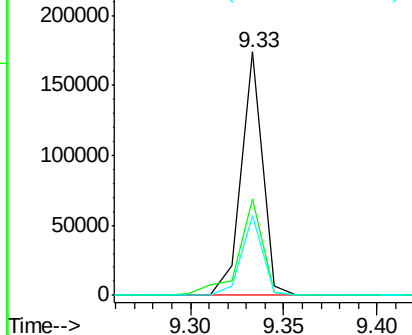
#46
 2-Chloronaphthalene
 Concen: 11.02 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF080792.D
 Acq: 1 Aug 2015 21:05

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-2(0-6FTBGS)MSD

Tot Ion:162 Resp: 138424
 Ion Ratio Lower Upper
 162 100
 127 39.4 30.2 45.4
 164 32.7 27.1 40.7

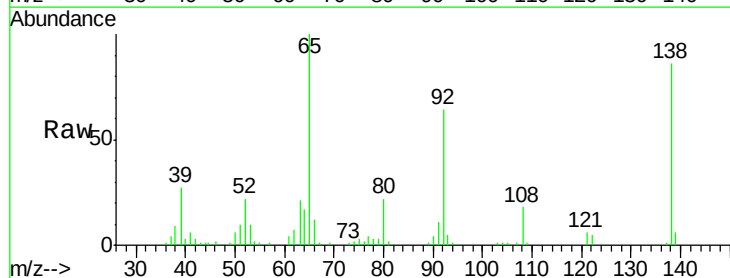


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

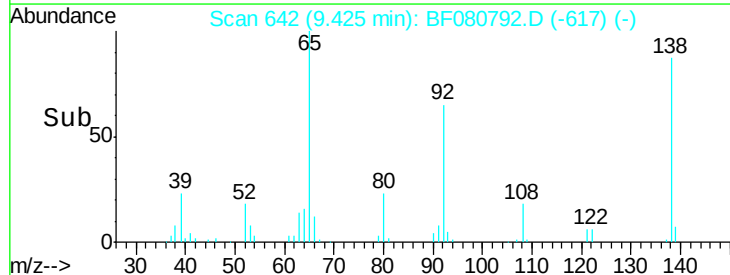
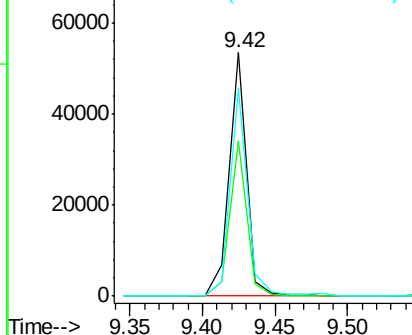


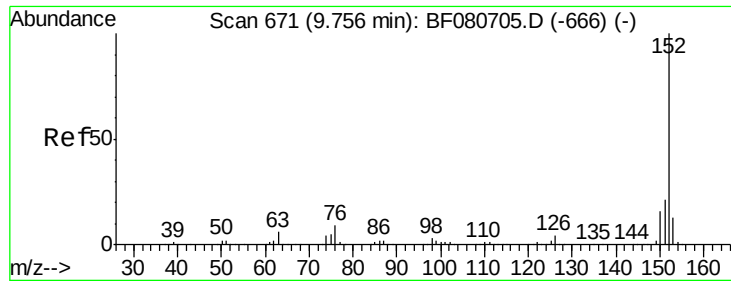
#47
 2-Nitroaniline
 Concen: 9.12 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF080792.D
 Acq: 1 Aug 2015 21:05

Tgt Ion: 65 Resp: 44554
 Ion Ratio Lower Upper
 65 100
 92 64.0 54.9 82.3
 138 85.6 85.1 127.7



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: 10.10 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-2(0-6FTBGS)MSD

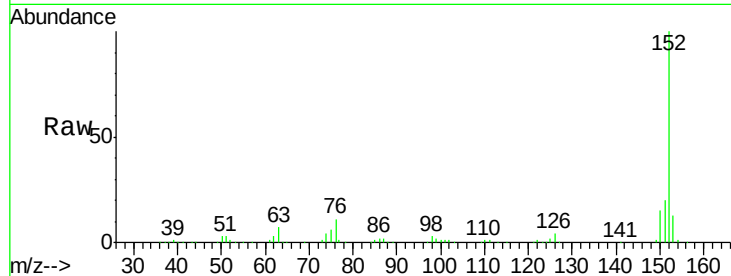
Tot Ion:152 Resp: 201794

Ion Ratio Lower Upper

152 100

151 20.3 17.0 25.6

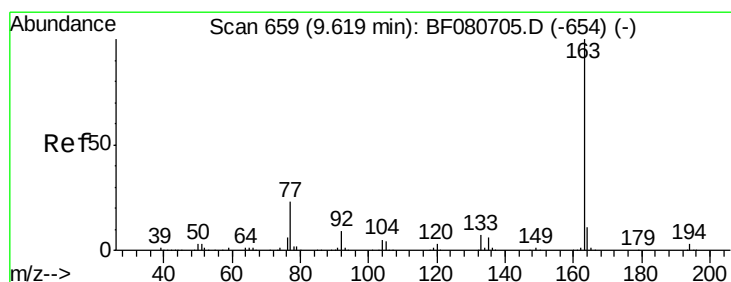
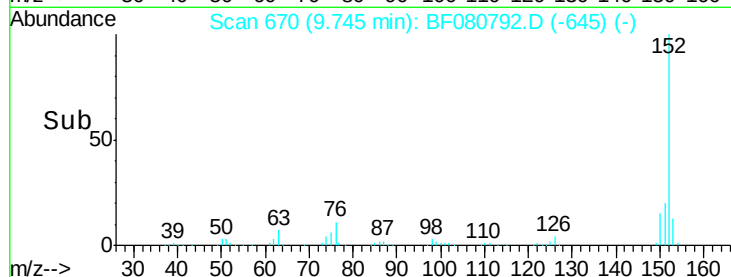
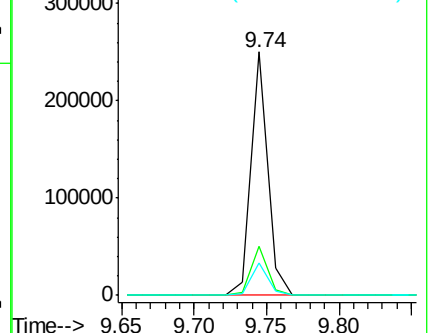
153 13.1 10.8 16.2



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: 15.67 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

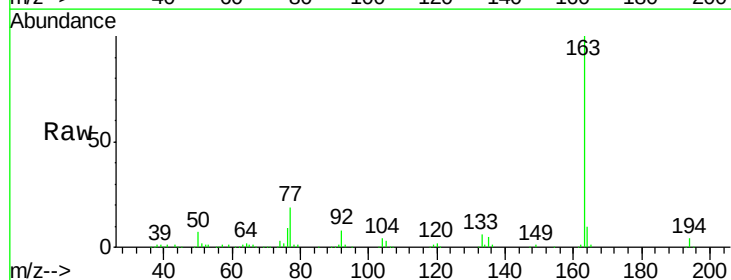
Tgt Ion:163 Resp: 221450

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

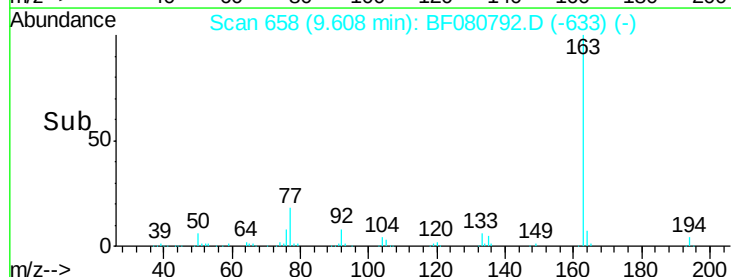
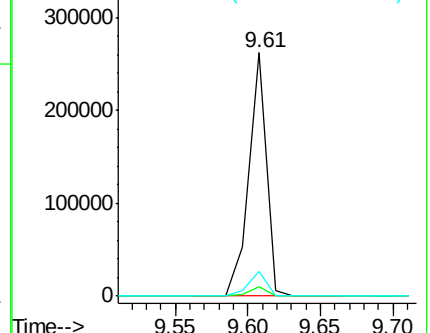
164 10.0 8.7 13.1

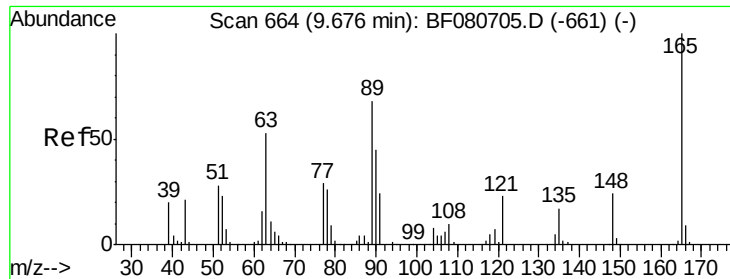


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

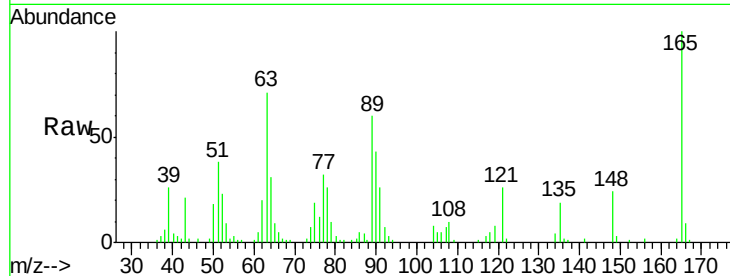




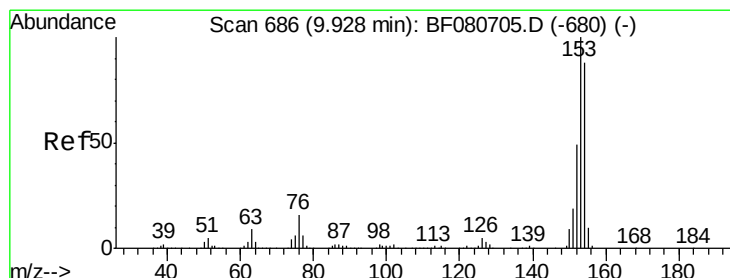
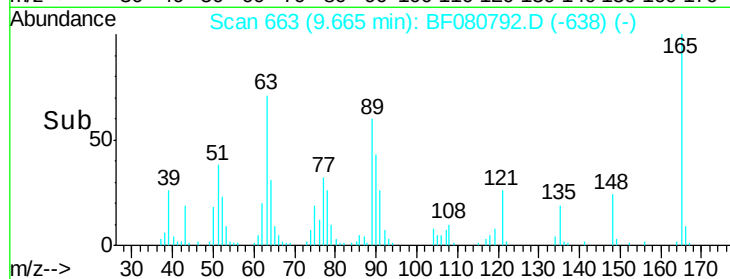
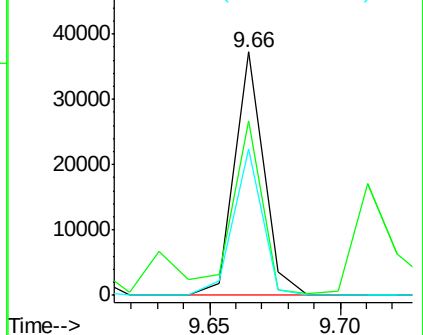
#50
 2,6-Dinitrotoluene
 Concen: 9.78 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF080792.D
 Acq: 1 Aug 2015 21:05

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-2(0-6FTBGS)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	71.5	62.3	93.5
89	60.2	54.8	82.2

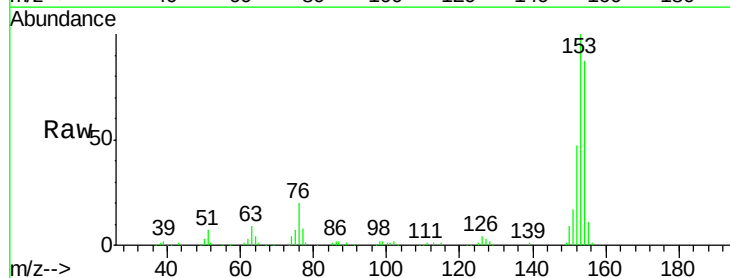


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

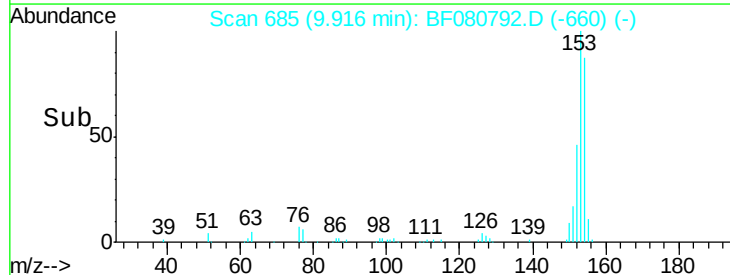
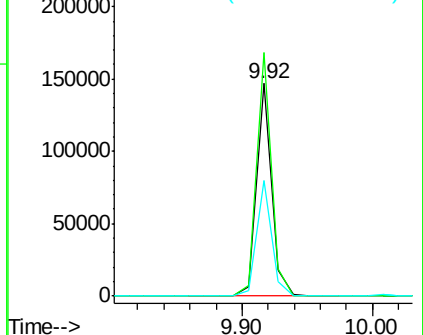


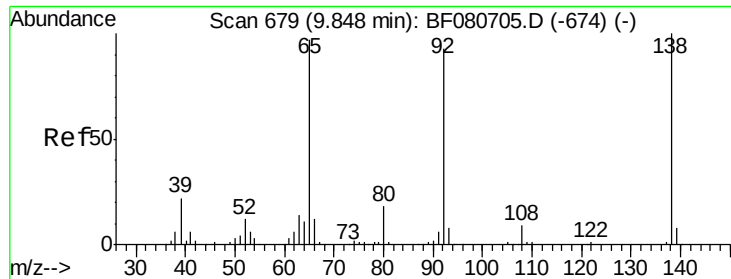
#51
 Acenaphthene
 Concen: 9.81 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF080792.D
 Acq: 1 Aug 2015 21:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.5	90.7	136.1
152	54.2	44.2	66.4



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

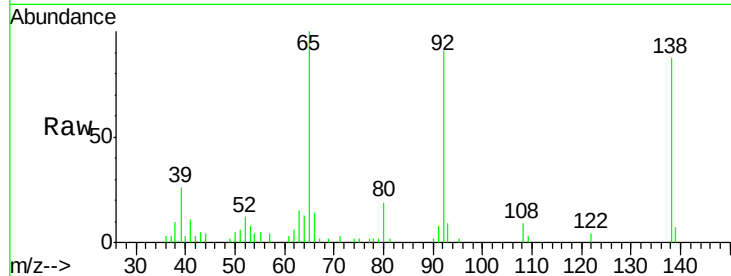




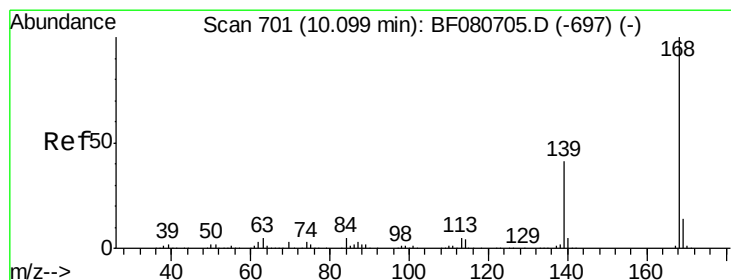
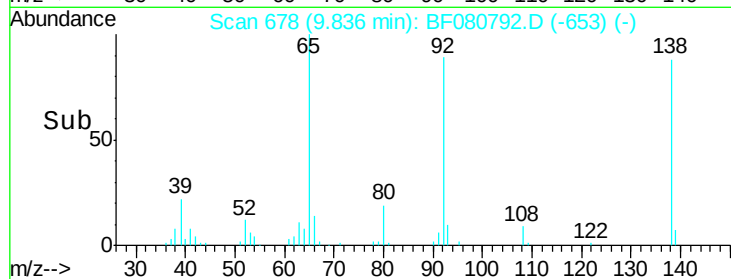
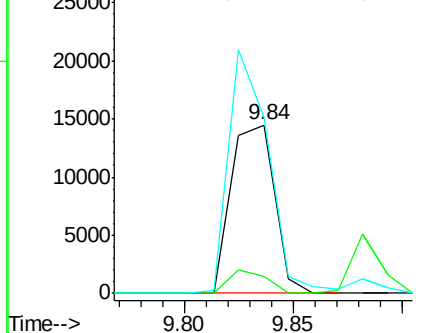
#52
3-Nitroaniline
Concen: 5.81 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF080792.D
Acq: 1 Aug 2015 21:05

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MSD

Tot Ion:138 Resp: 20120
Ion Ratio Lower Upper
138 100
108 10.0 6.9 10.3
92 104.5 74.1 111.1

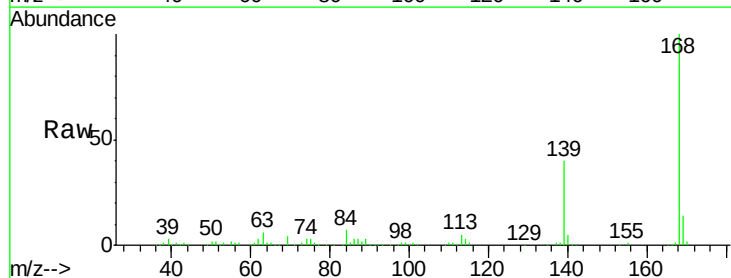


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

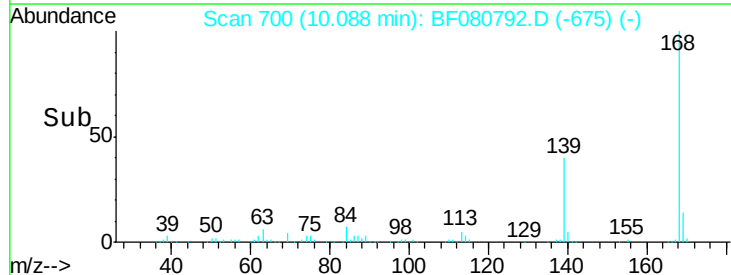
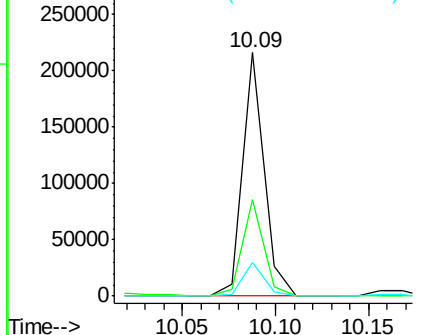


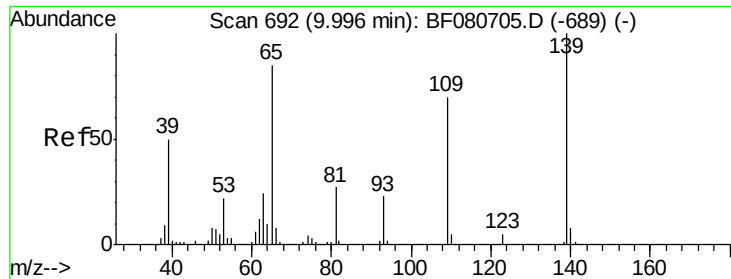
#54
Dibenzofuran
Concen: 10.73 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF080792.D
Acq: 1 Aug 2015 21:05

Tgt Ion:168 Resp: 174922
Ion Ratio Lower Upper
168 100
139 39.8 33.0 49.6
169 14.0 11.4 17.2



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: 14.21 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-2(0-6FTBGS)MSD

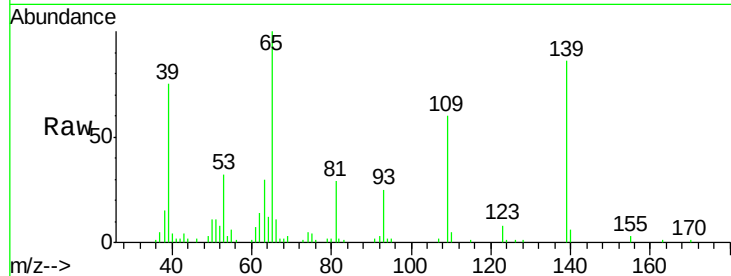
Tot Ion:139 Resp: 36239

Ion Ratio Lower Upper

139 100

109 70.1 50.4 90.4

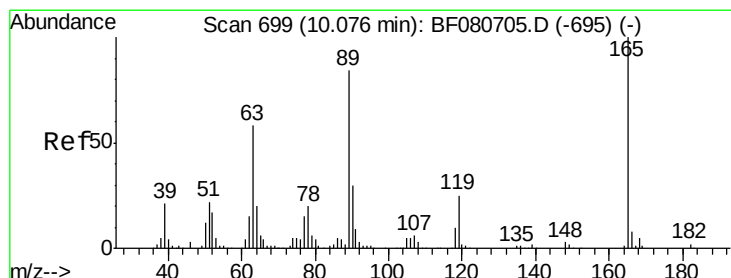
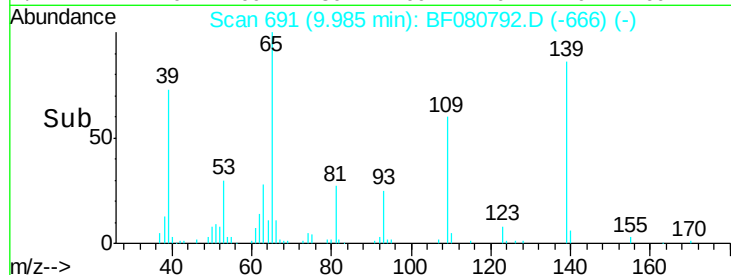
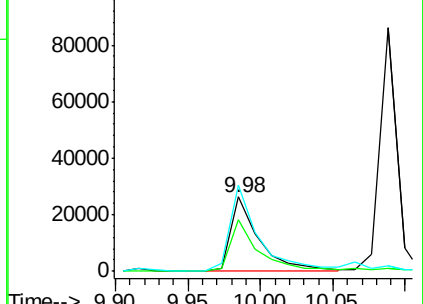
65 116.0 66.1 106.1#



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): E



#56

2,4-Dinitrotoluene

Concen: 8.76 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

Tgt Ion:165 Resp: 34470

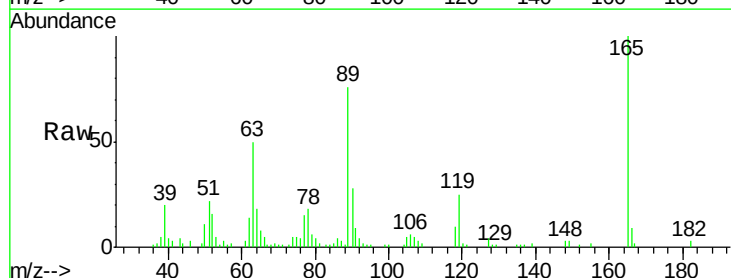
Ion Ratio Lower Upper

165 100

63 49.7 46.7 70.1

89 75.9 67.4 101.2

182 2.6 1.8 2.6

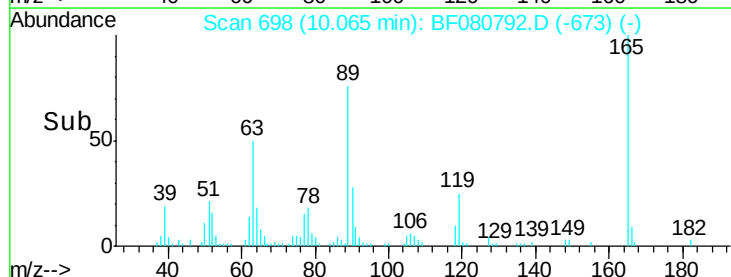
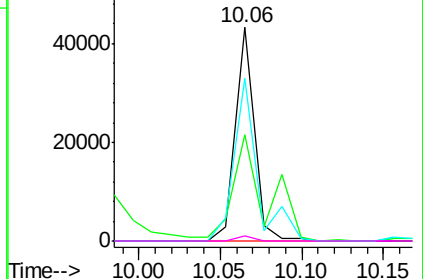


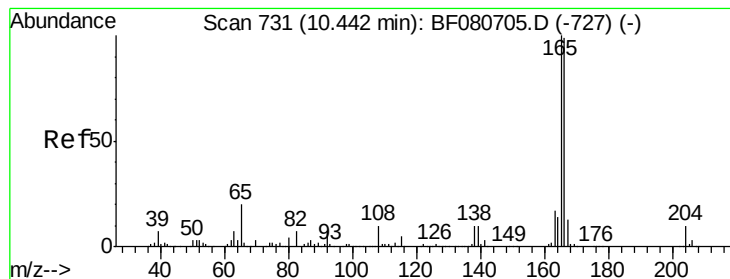
Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.83 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-2(0-6FTBGS)MSD

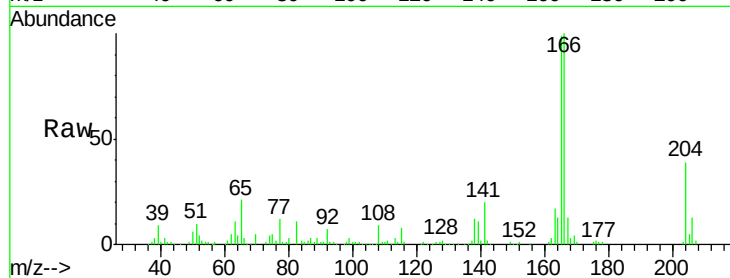
Tot Ion:166 Resp: 136975

Ion Ratio Lower Upper

166 100

165 99.0 81.0 121.4

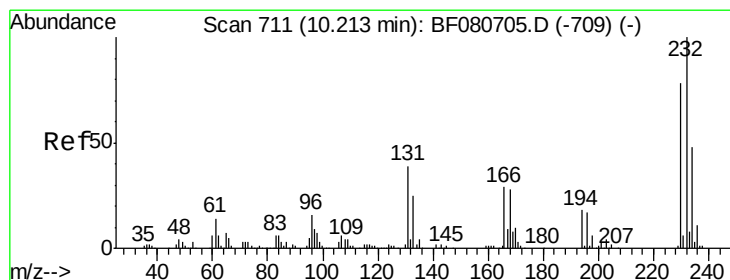
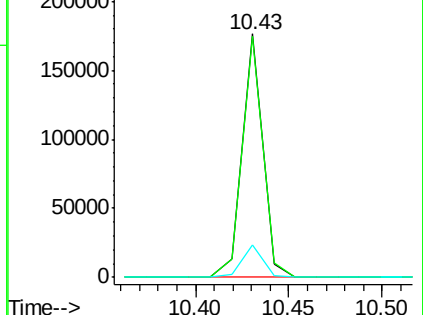
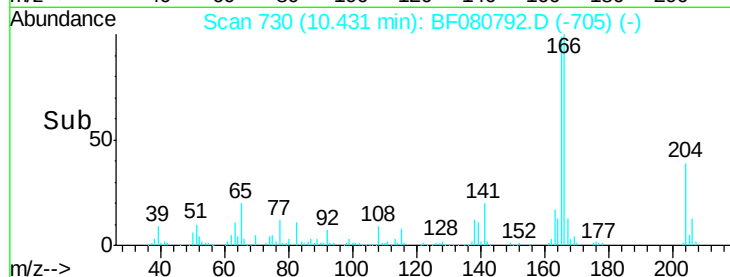
167 13.1 10.8 16.2



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: 8.53 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

Tgt Ion:232 Resp: 27941

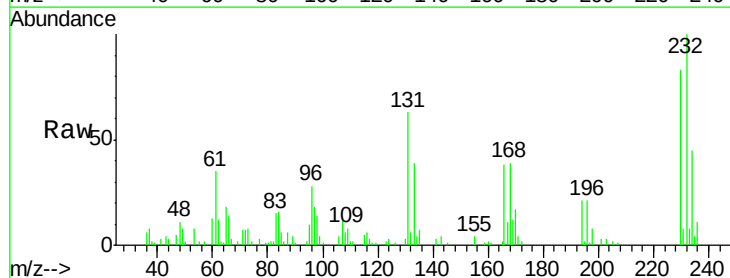
Ion Ratio Lower Upper

232 100

131 47.6 38.2 57.2

130 1.8 1.8 2.6

166 31.7 25.6 38.4

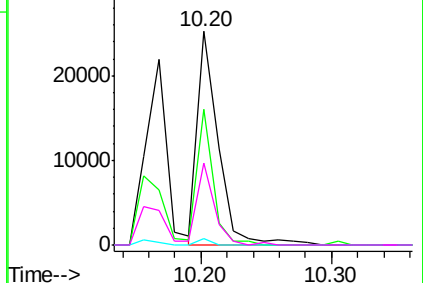
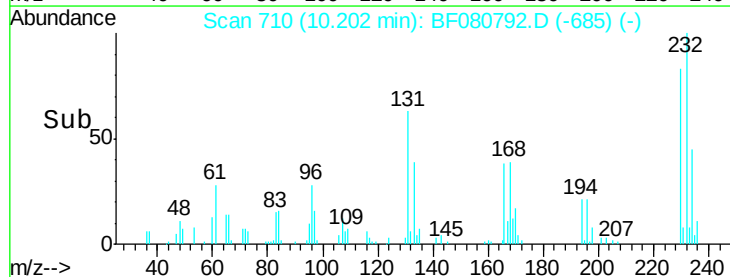


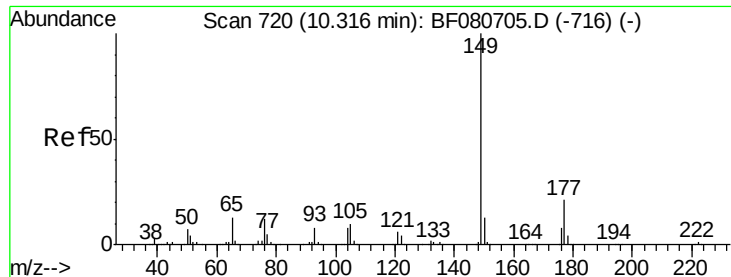
Abundance Ion 232.00 (231.70 to 232.70): E

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

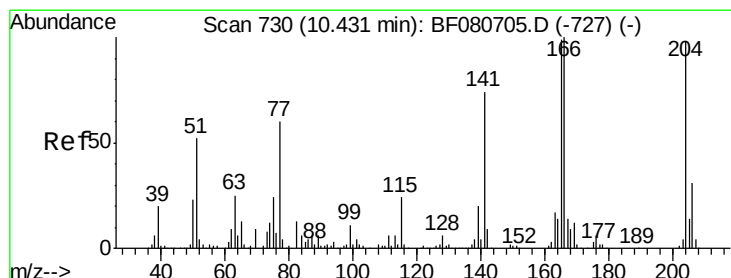
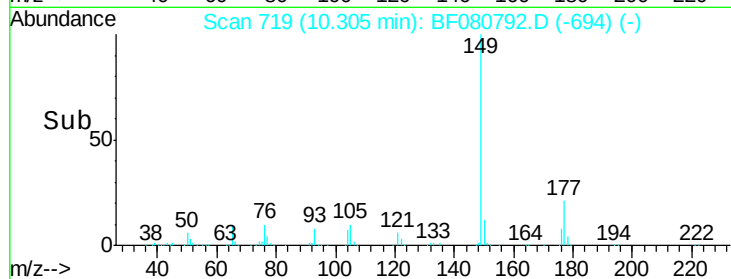
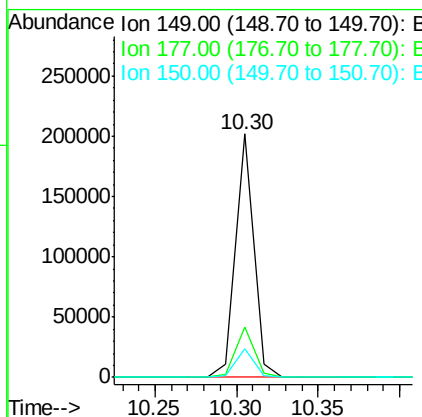
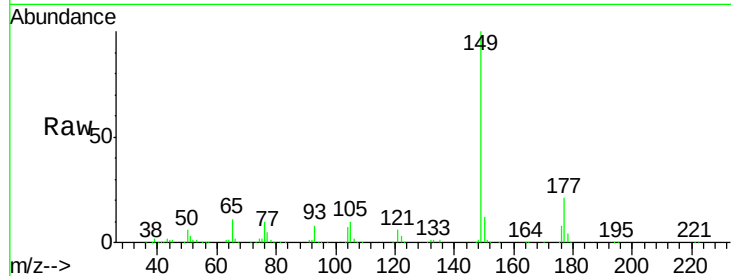




#59
Diethylphthalate
Concen: 11.30 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF080792.D
Acq: 1 Aug 2015 21:05

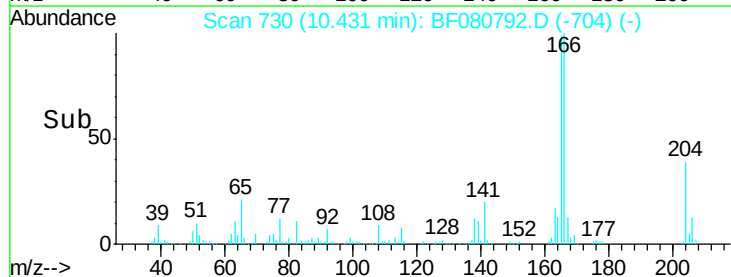
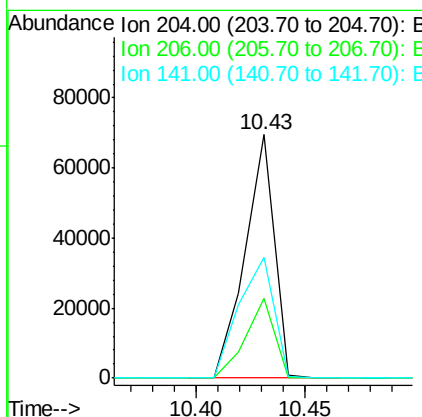
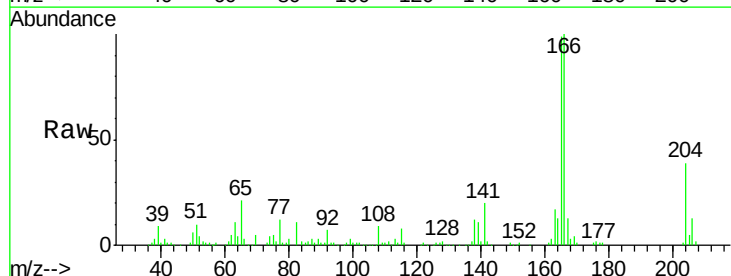
Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MSD

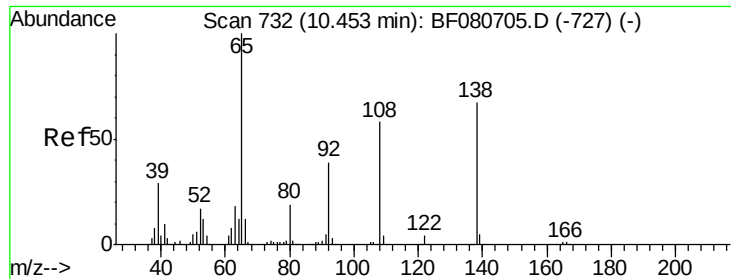
Tot Ion:149 Resp: 153863
Ion Ratio Lower Upper
149 100
177 20.9 16.6 25.0
150 11.7 10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 10.63 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF080792.D
Acq: 1 Aug 2015 21:05

Tgt Ion:204 Resp: 64959
Ion Ratio Lower Upper
204 100
206 32.8 25.1 37.7
141 49.6 60.3 90.5#

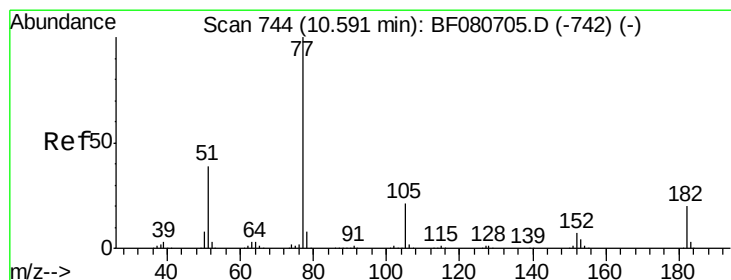
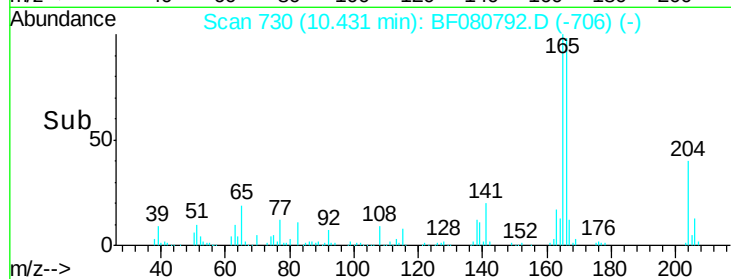
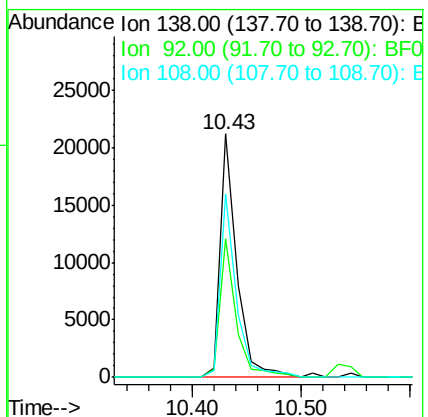
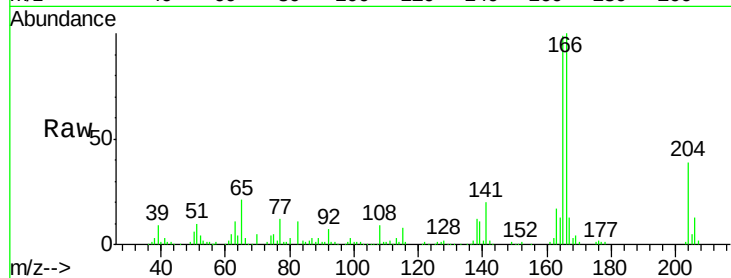




#61
4-Nitroaniline
Concen: 7.30 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF080792.D
Acq: 1 Aug 2015 21:05

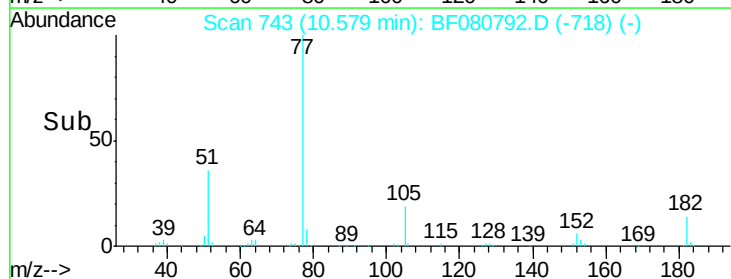
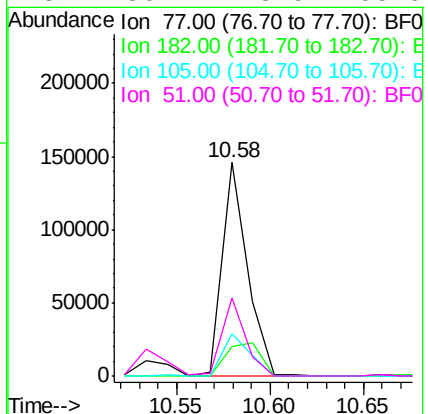
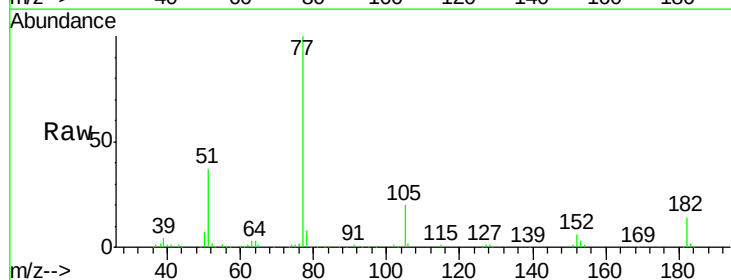
Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MSD

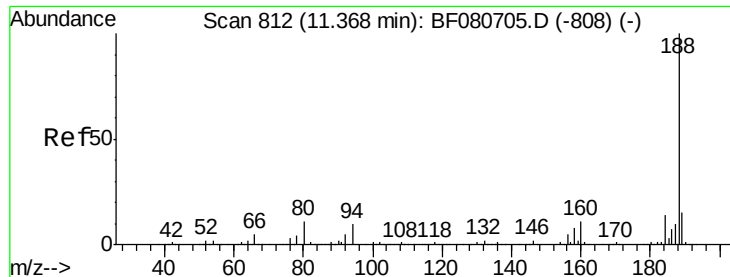
Tot Ion:138 Resp: 22809
Ion Ratio Lower Upper
138 100
92 57.0 38.2 78.2
108 75.3 66.3 106.3



#62
Azobenzene
Concen: 9.27 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF080792.D
Acq: 1 Aug 2015 21:05

Tgt Ion: 77 Resp: 136740
Ion Ratio Lower Upper
77 100
182 13.8 0.0 39.9
105 19.9 1.1 41.1
51 36.7 18.9 58.9

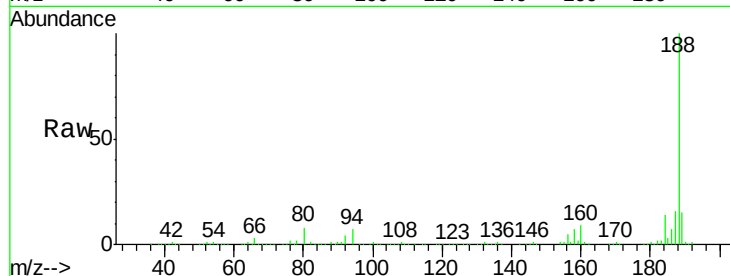




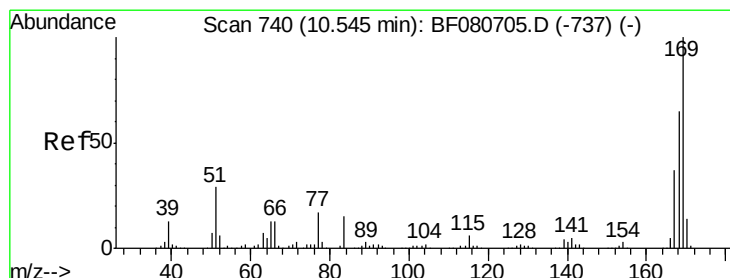
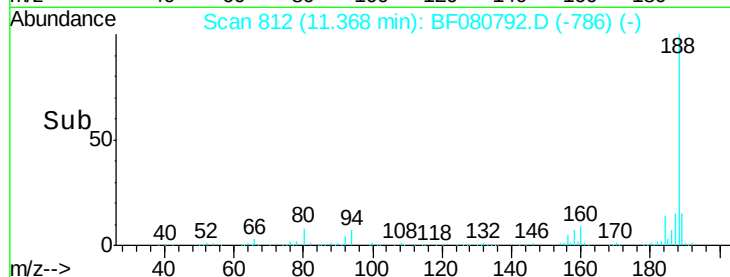
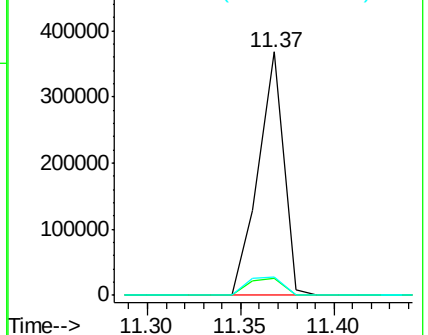
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF080792.D
Acq: 1 Aug 2015 21:05

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.1	8.1	12.1#
80	7.7	9.1	13.7#

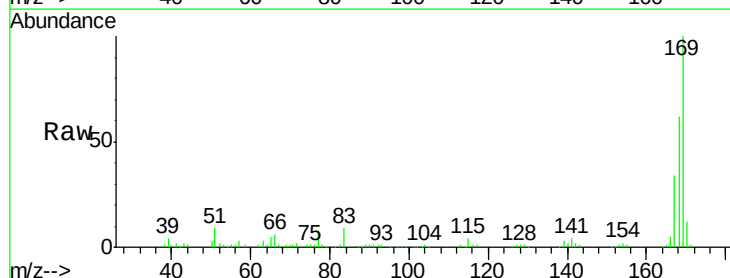


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

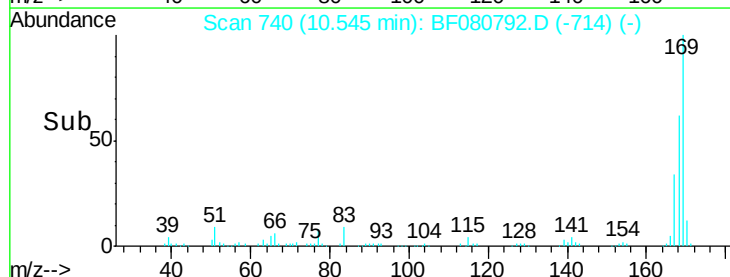
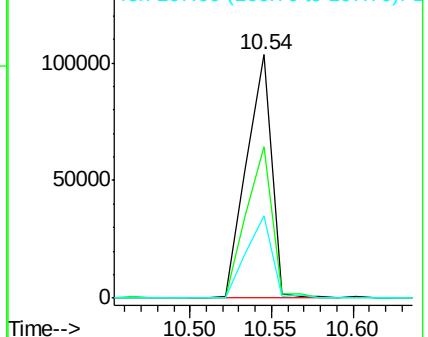


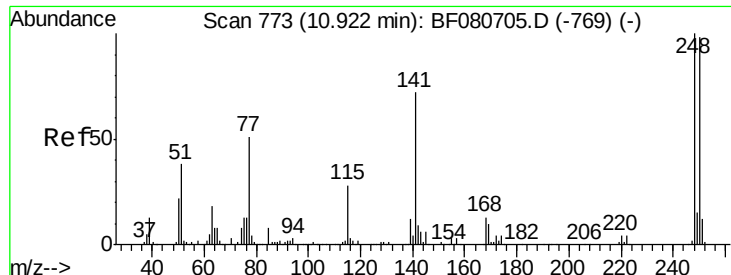
#65
n-Nitrosodiphenylamine
Concen: 9.70 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF080792.D
Acq: 1 Aug 2015 21:05

Tgt Ion	Ratio	Lower	Upper
169	100		
168	62.4	52.1	78.1
167	33.6	29.3	43.9



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

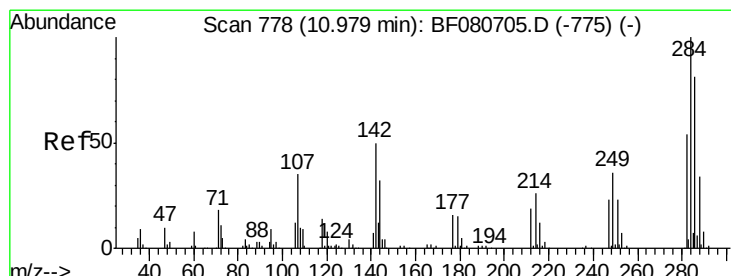
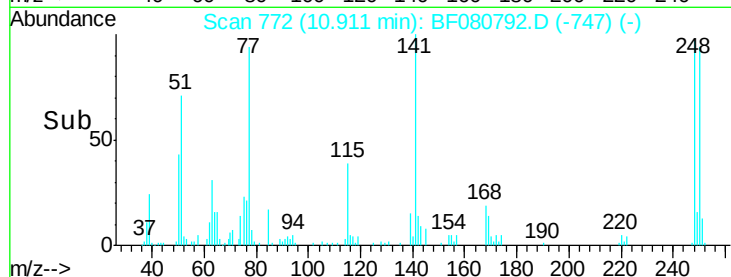
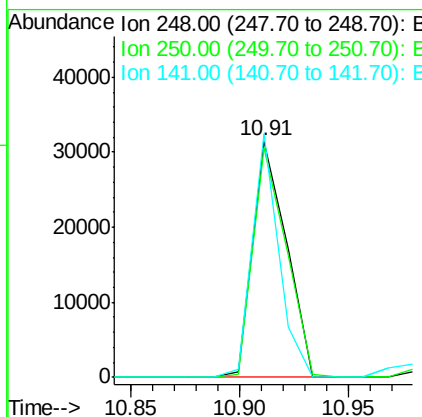
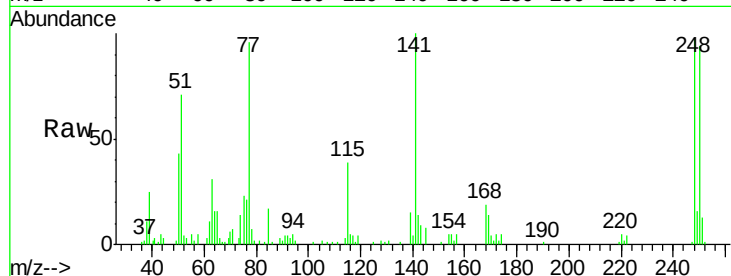




#66
 4-Bromophenyl-phenylether
 Concen: 9.42 ng
 RT: 10.91 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF080792.D
 Acq: 1 Aug 2015 21:05

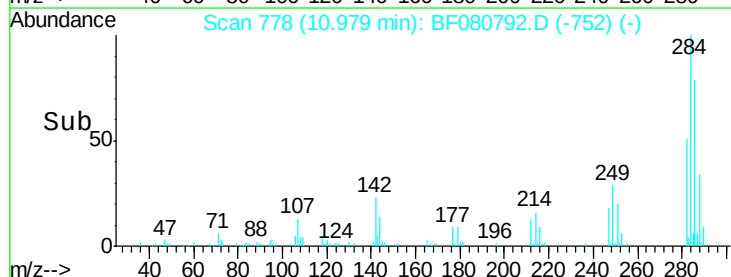
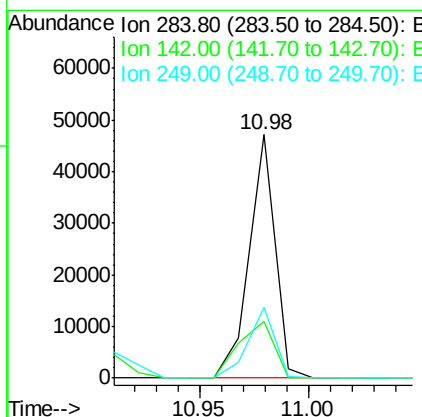
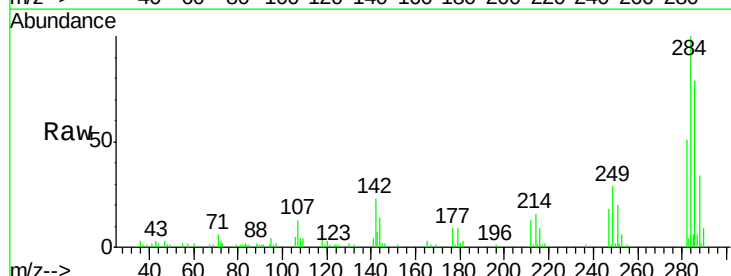
Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-2(0-6FTBGS)MSD

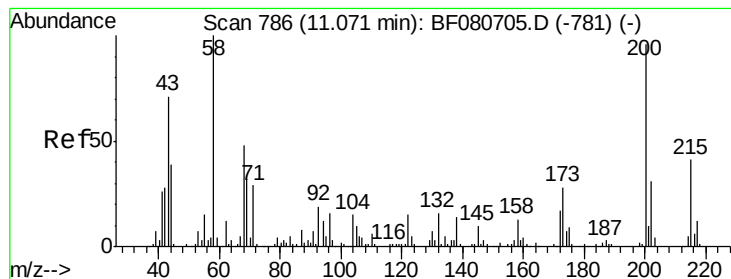
Tot Ion:248 Resp: 33839
 Ion Ratio Lower Upper
 248 100
 250 97.0 78.4 117.6
 141 102.9 57.5 86.3#



#67
 Hexachlorobenzene
 Concen: 9.35 ng
 RT: 10.98 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF080792.D
 Acq: 1 Aug 2015 21:05

Tgt Ion:284 Resp: 38840
 Ion Ratio Lower Upper
 284 100
 142 23.1 39.8 59.6#
 249 29.2 28.7 43.1





#68

Atrazine

Concen: 9.04 ng

RT: 11.07 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-2(0-6FTBGS)MSD

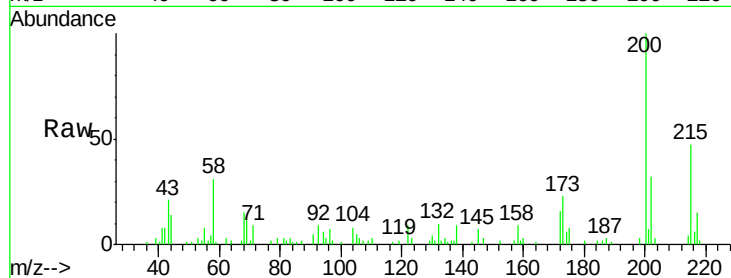
Tot Ion:200 Resp: 32325

Ion Ratio Lower Upper

200 100

173 22.7 8.6 48.6

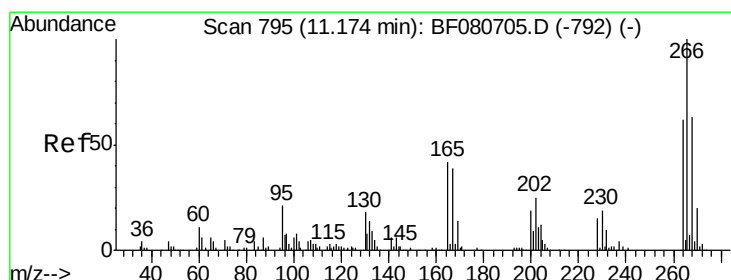
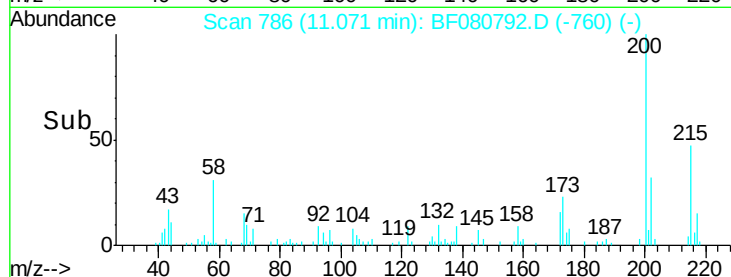
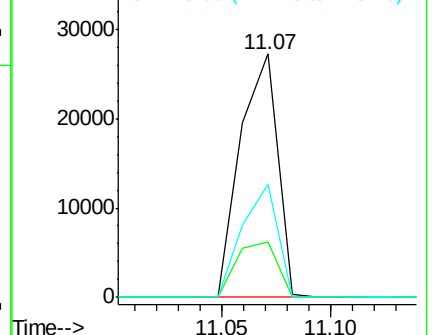
215 46.6 22.2 62.2



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: 14.01 ng

RT: 11.17 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

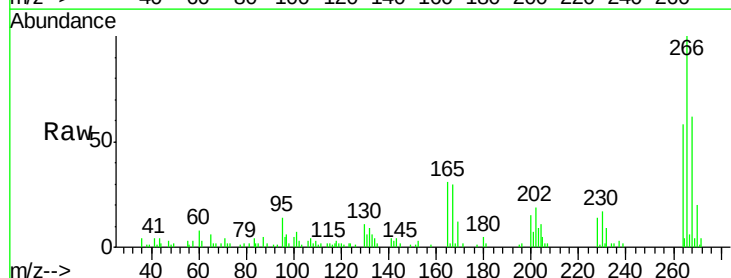
Tgt Ion:266 Resp: 35209

Ion Ratio Lower Upper

266 100

268 61.6 50.5 75.7

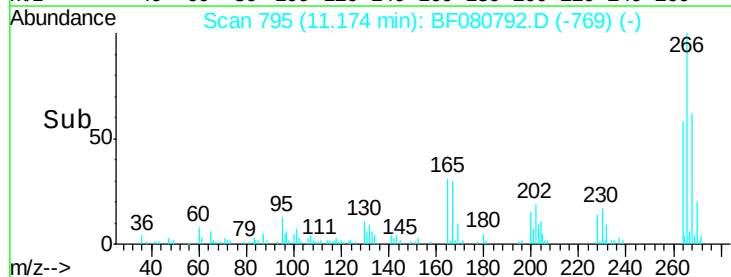
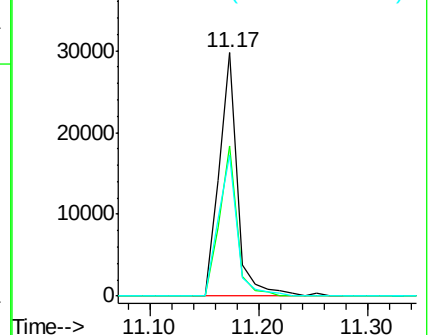
264 57.8 50.0 75.0

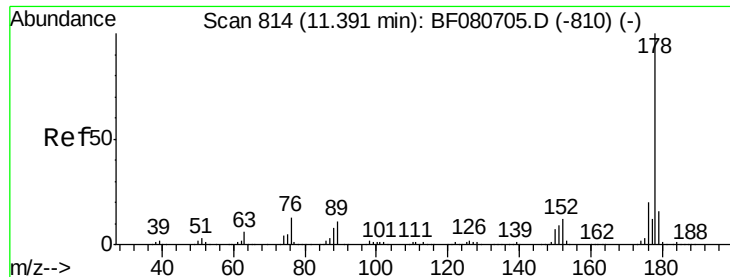


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

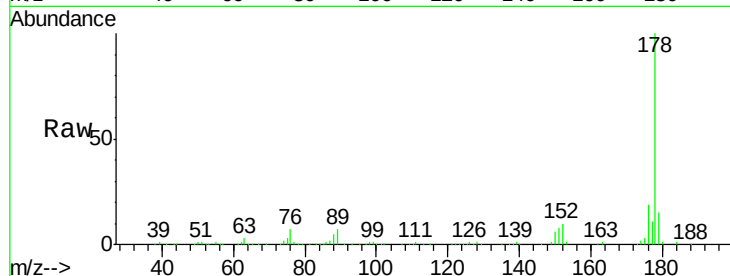




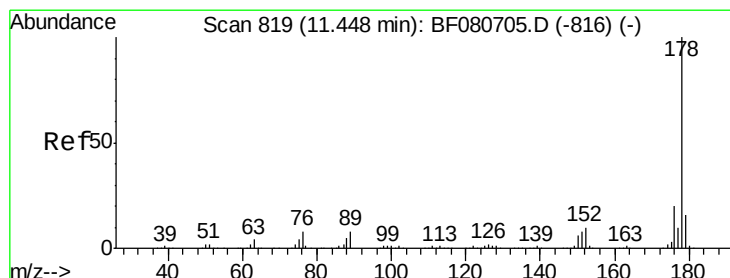
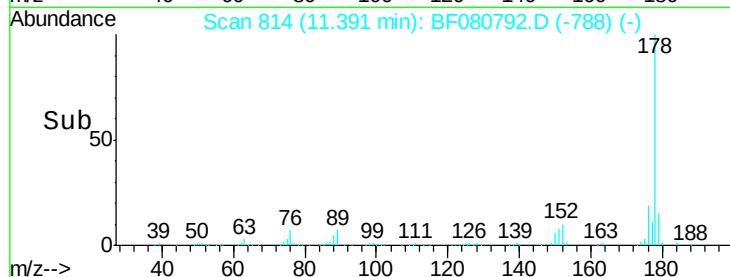
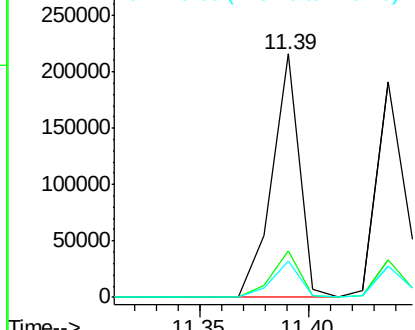
#70
Phenanthrene
Concen: 10.89 ng
RT: 11.39 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF080792.D
Acq: 1 Aug 2015 21:05

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MSD

Tot Ion:178 Resp: 190990
Ion Ratio Lower Upper
178 100
176 18.9 16.2 24.4
179 14.9 13.0 19.4

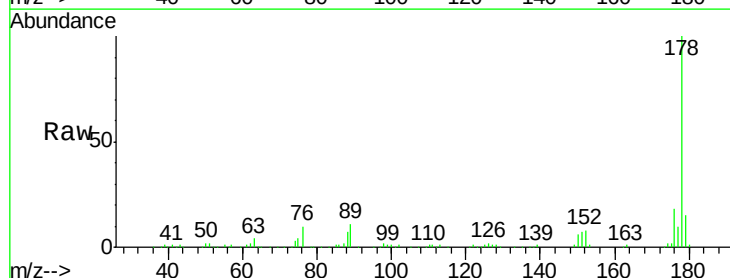


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

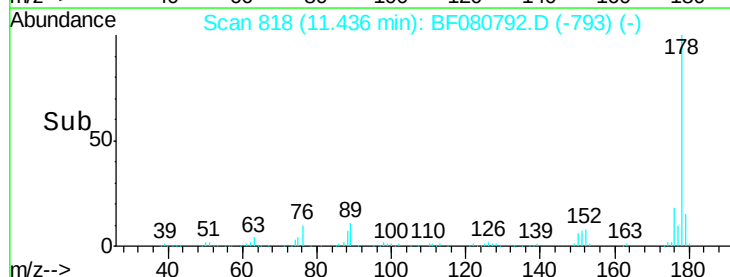
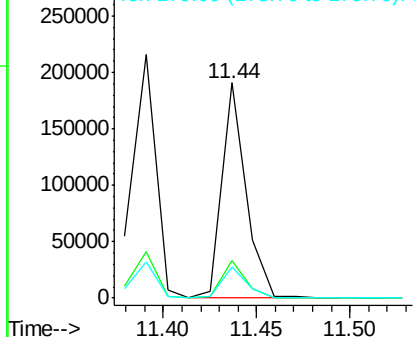


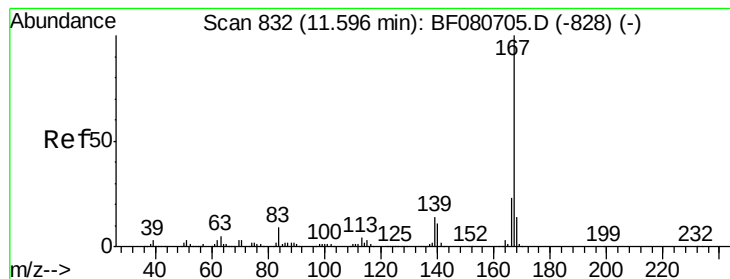
#71
Anthracene
Concen: 9.92 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF080792.D
Acq: 1 Aug 2015 21:05

Tgt Ion:178 Resp: 170932
Ion Ratio Lower Upper
178 100
176 17.7 15.9 23.9
179 14.7 12.7 19.1



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





#72

Carbazole

Concen: 9.55 ng

RT: 11.60 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-2(0-6FTBGS)MSD

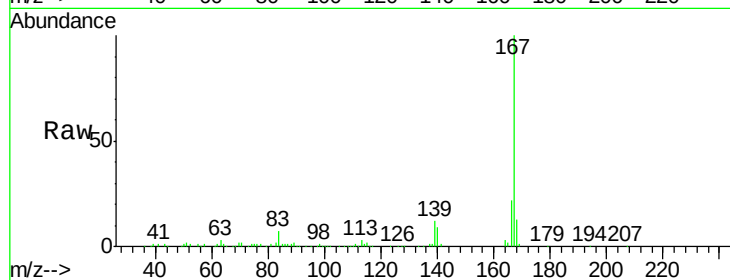
Tot Ion:167 Resp: 142838

Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.4

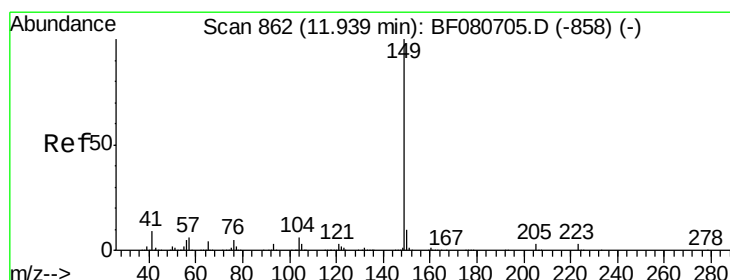
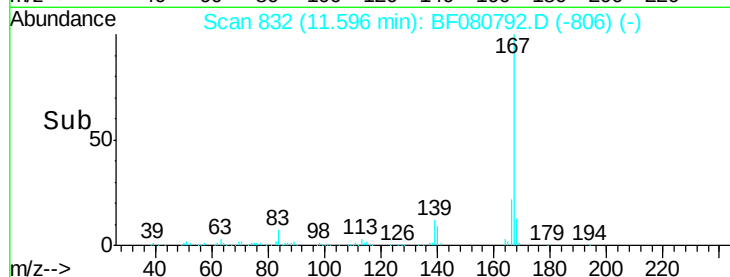
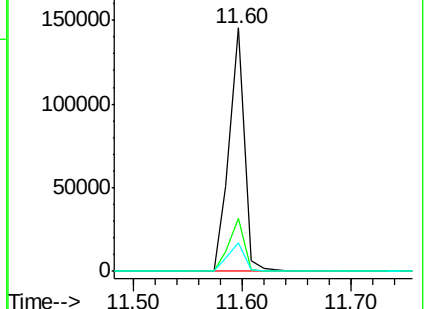
139 11.8 11.5 17.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 10.49 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

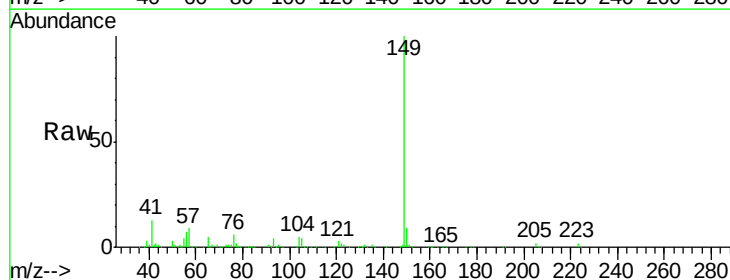
Tgt Ion:149 Resp: 194546

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

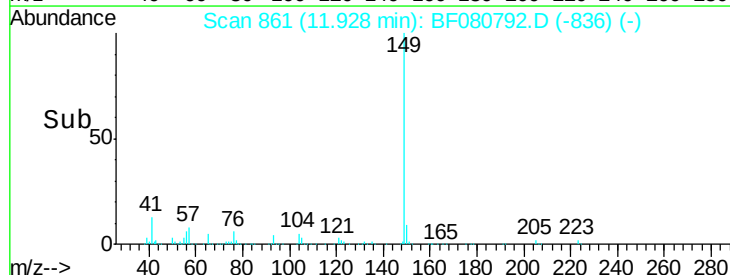
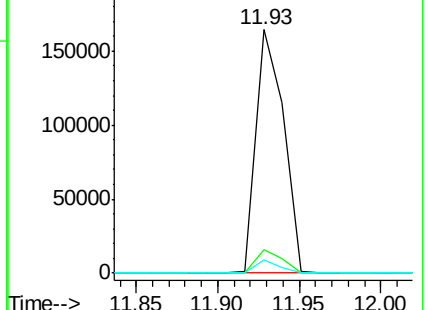
104 5.3 4.4 6.6

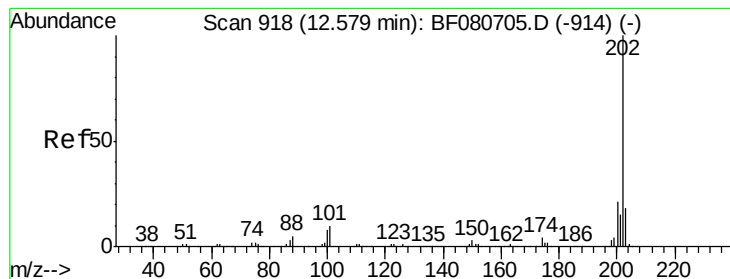


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 11.79 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-2(0-6FTBGS)MSD

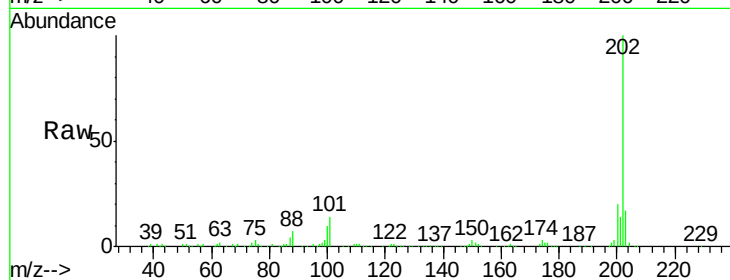
Tot Ion:202 Resp: 199833

Ion Ratio Lower Upper

202 100

101 13.8 0.0 29.6

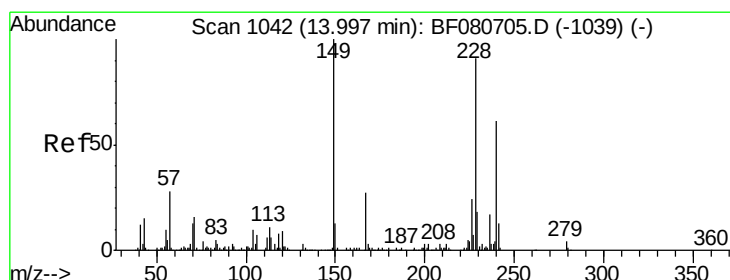
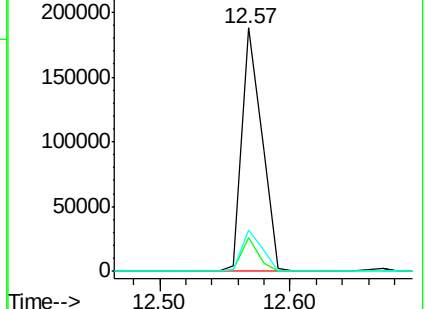
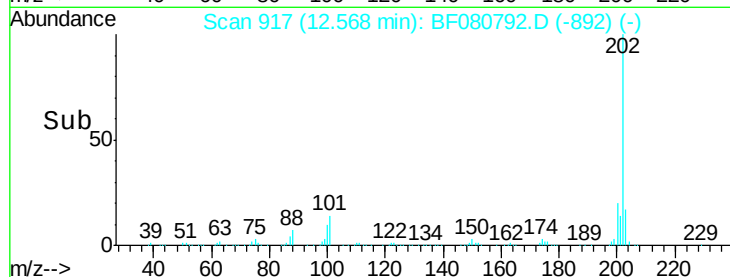
203 17.1 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

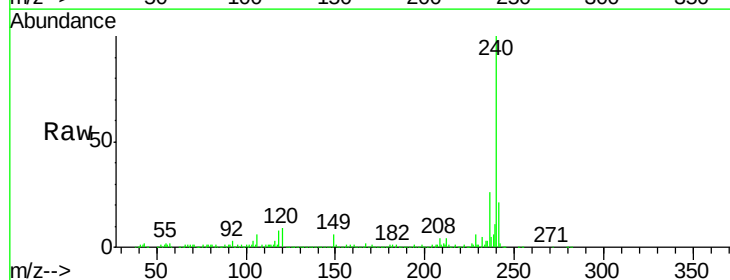
Tgt Ion:240 Resp: 390694

Ion Ratio Lower Upper

240 100

120 8.7 11.8 17.8#

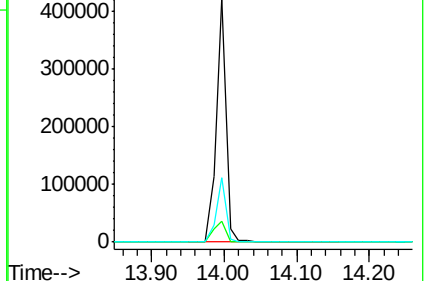
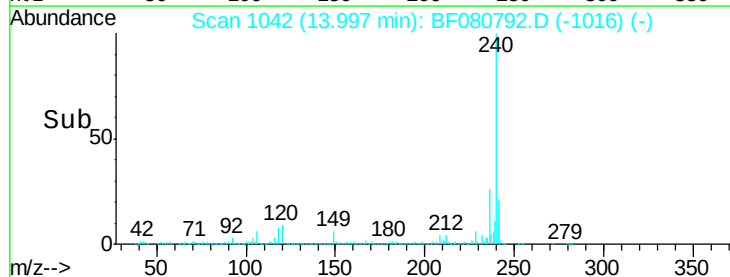
236 26.5 21.8 32.8

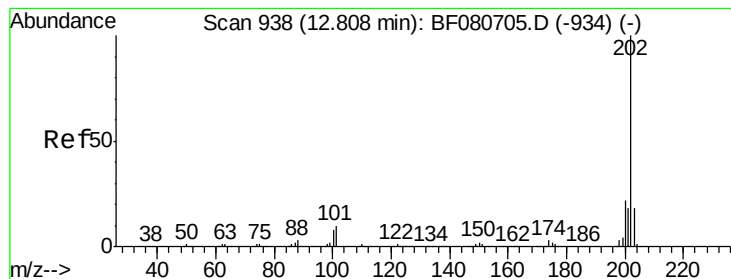


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 6.78 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-2(0-6FTBGS)MSD

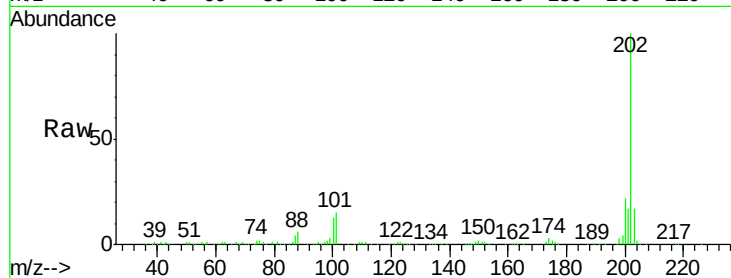
Tot Ion:202 Resp: 205320

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

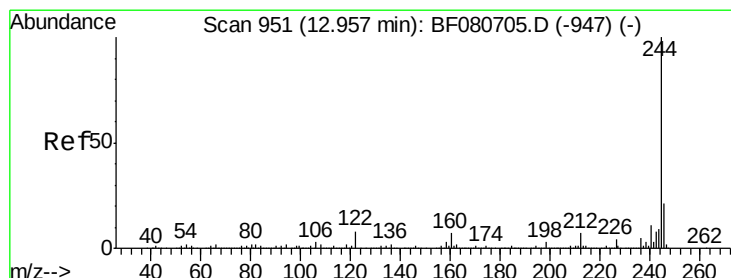
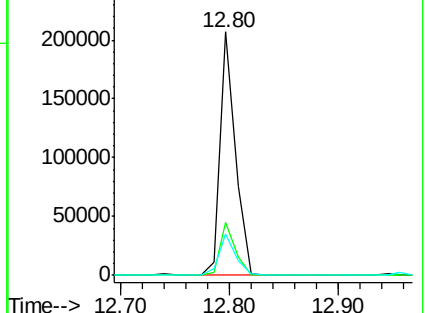
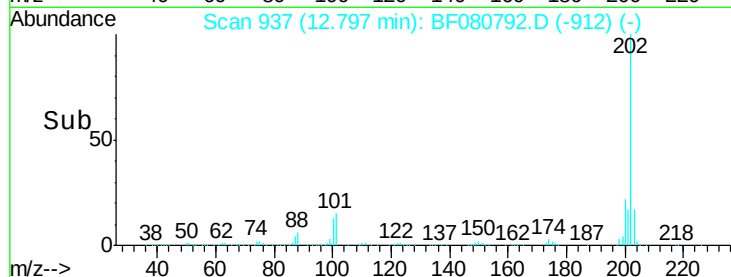
203 17.2 14.2 21.2



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: 9.85 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

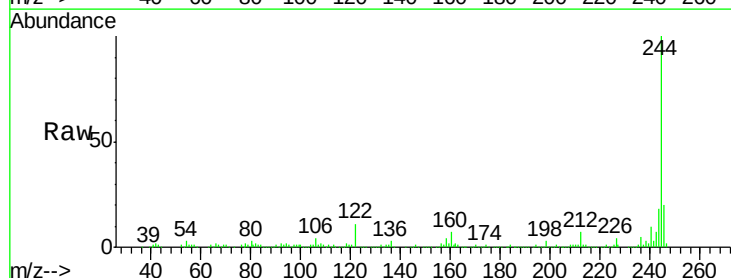
Tgt Ion:244 Resp: 203500

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

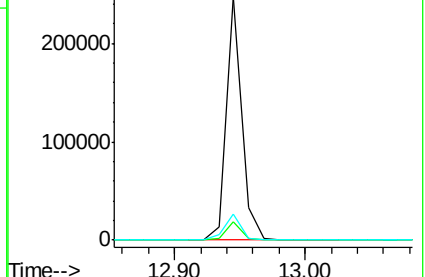
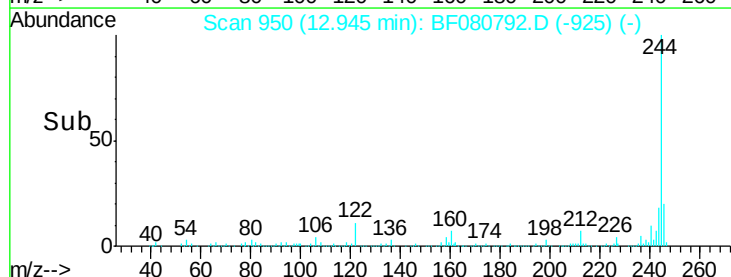
122 10.6 6.6 9.8#

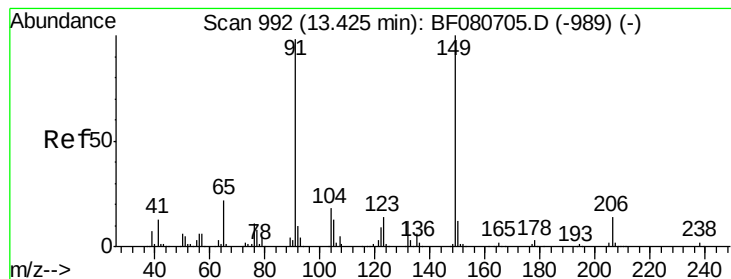


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 7.35 ng

RT: 13.43 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-2(0-6FTBGS)MSD

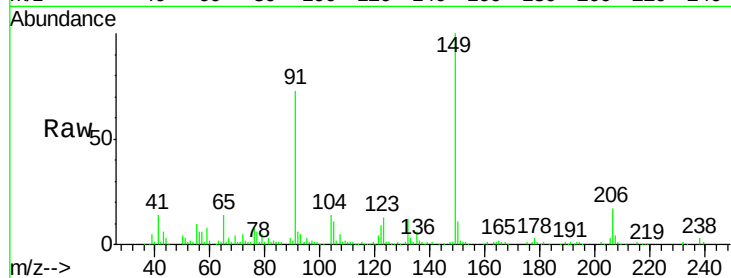
Tot Ion:149 Resp: 74005

Ion Ratio Lower Upper

149 100

91 73.2 78.6 118.0#

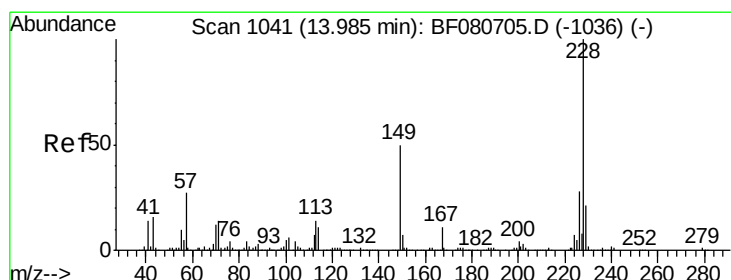
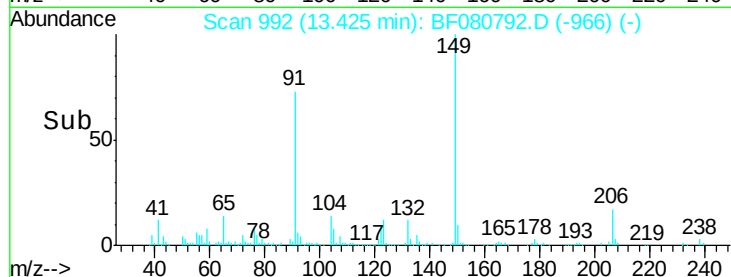
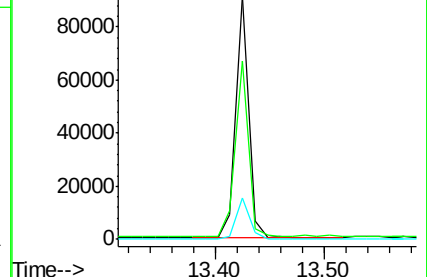
206 17.1 11.4 17.2



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: 9.37 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

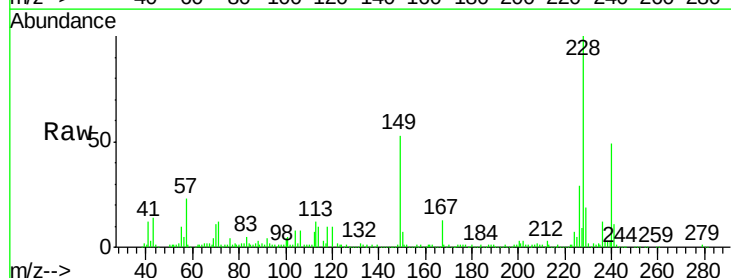
Tgt Ion:228 Resp: 220197

Ion Ratio Lower Upper

228 100

226 28.6 22.6 33.8

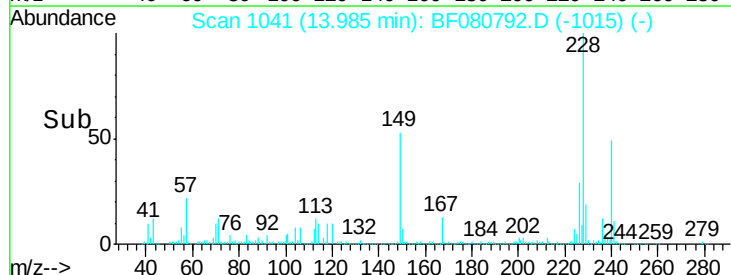
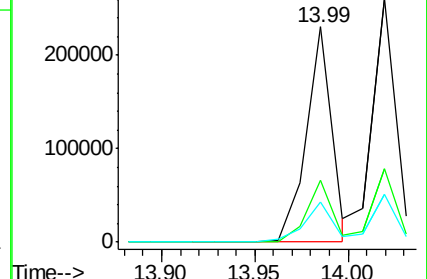
229 18.8 16.6 25.0

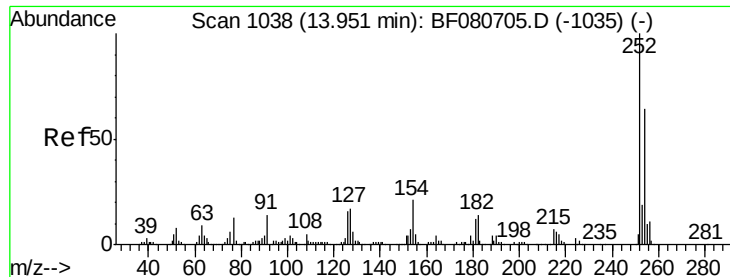


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

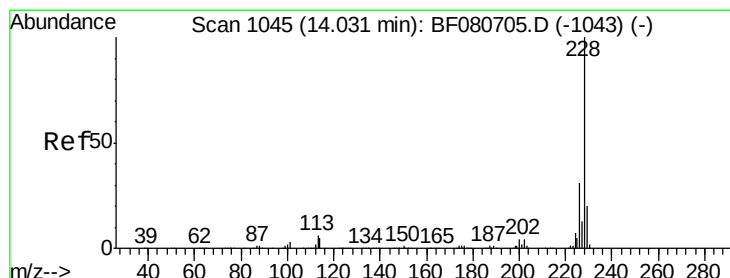
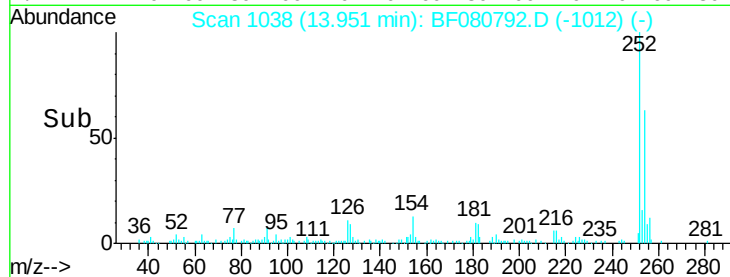
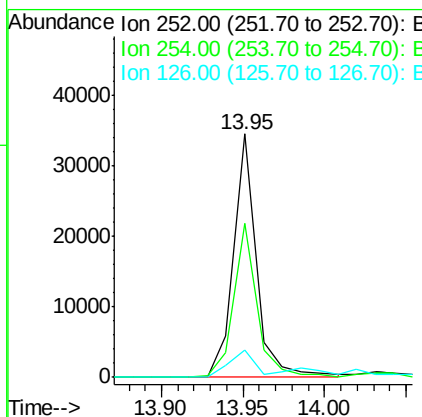
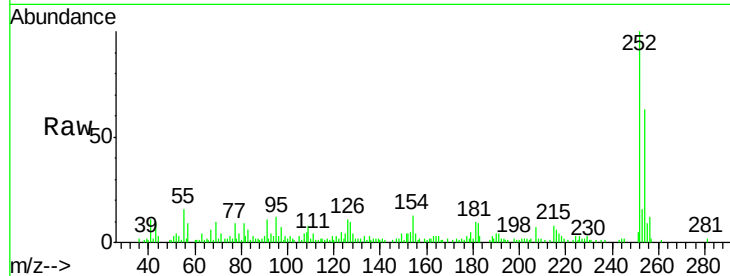




#81
 3,3'-Dichlorobenzidine
 Concen: 4.17 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF080792.D
 Acq: 1 Aug 2015 21:05

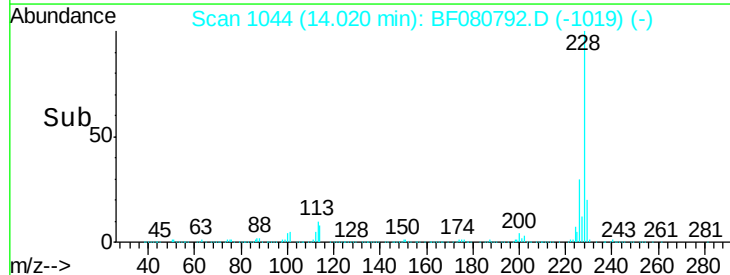
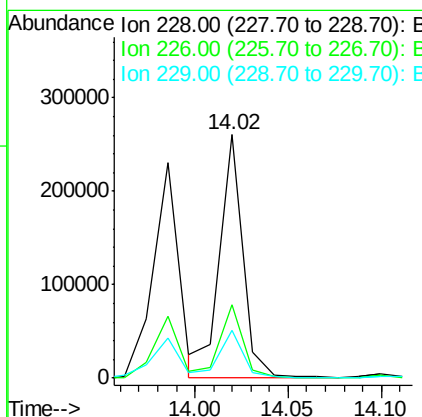
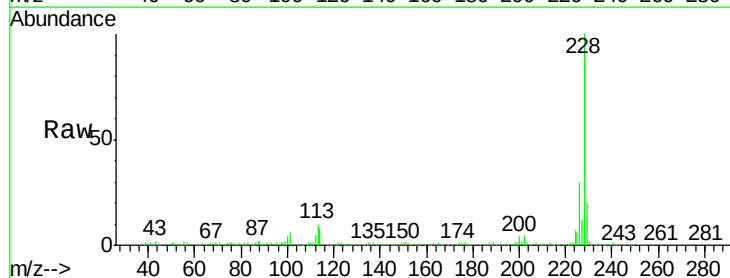
Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-2(0-6FTBGS)MSD

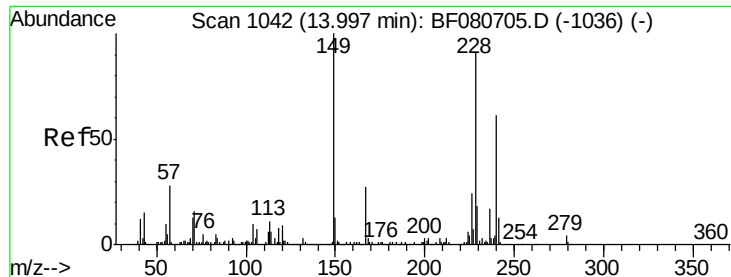
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.0	76.4
126	11.0	13.2	19.8#



#82
 Chrysene
 Concen: 9.83 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BF080792.D
 Acq: 1 Aug 2015 21:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.1	37.7
229	19.9	15.8	23.8

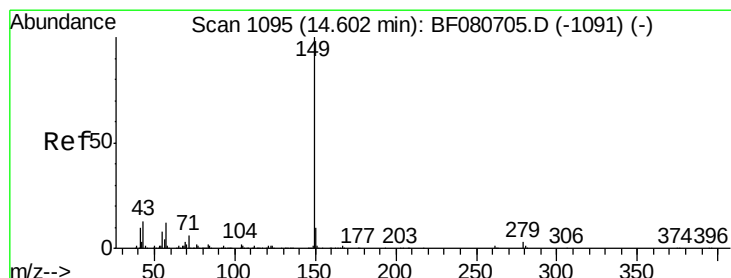
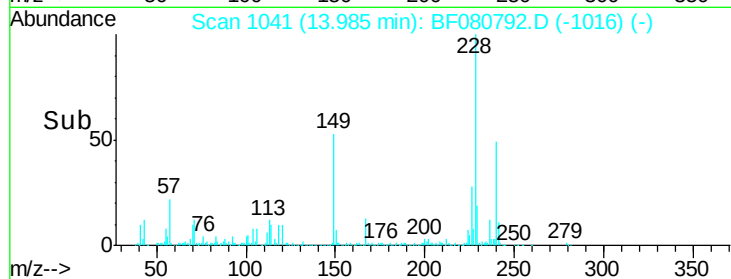
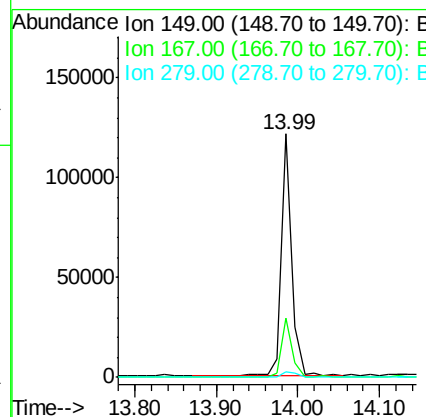
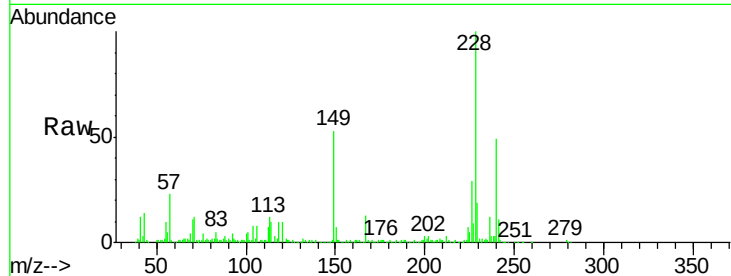




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 7.24 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF080792.D
 Acq: 1 Aug 2015 21:05

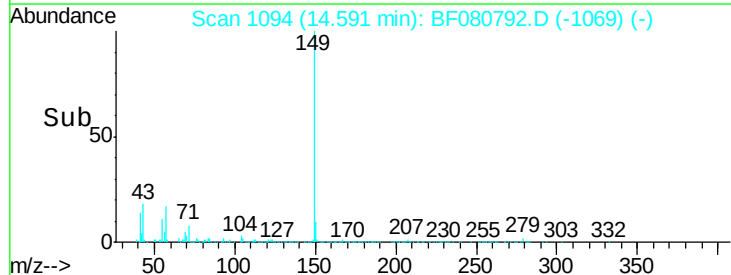
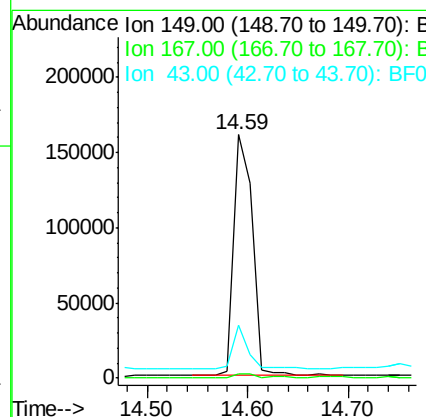
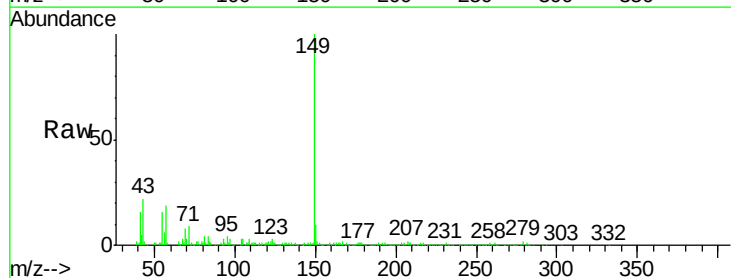
Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-2(0-6FTBGS)MSD

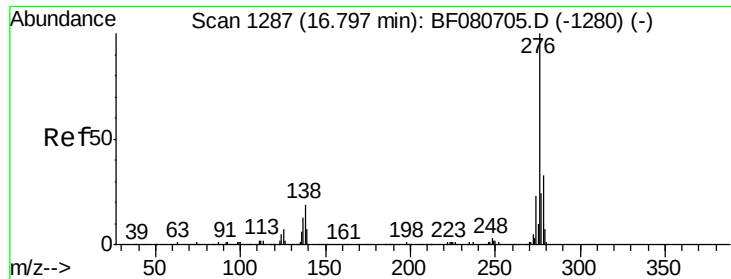
Tot Ion:149 Resp: 109282
 Ion Ratio Lower Upper
 149 100
 167 24.4 21.8 32.8
 279 2.2 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 8.15 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF080792.D
 Acq: 1 Aug 2015 21:05

Tgt Ion:149 Resp: 206089
 Ion Ratio Lower Upper
 149 100
 167 2.4 1.1 1.7#
 43 15.4 12.2 18.4

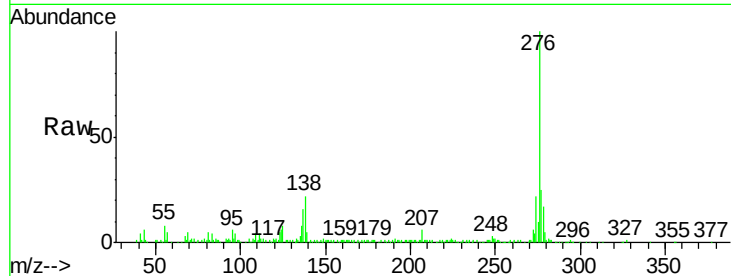




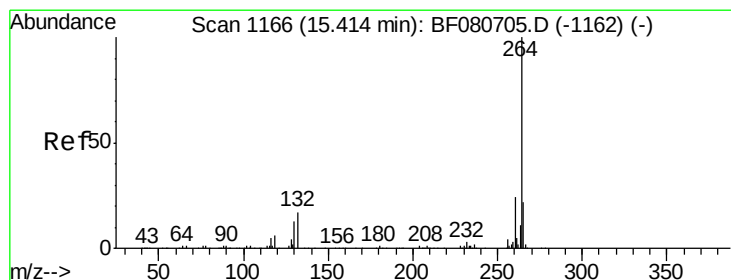
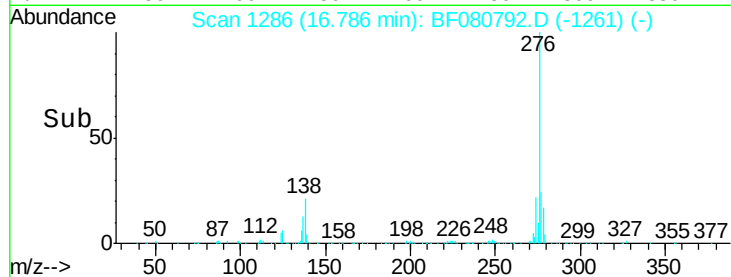
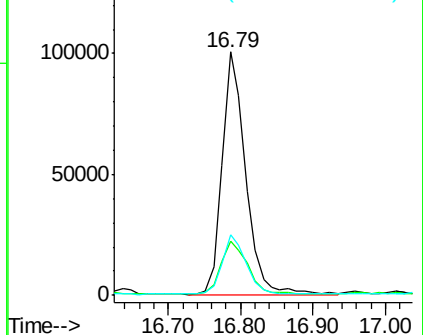
#85
Indeno(1,2,3-cd)pyrene
Concen: 12.94 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF080792.D
Acq: 1 Aug 2015 21:05

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MSD

Tot Ion:276 Resp: 225292
Ion Ratio Lower Upper
276 100
138 24.4 13.2 19.8#
277 25.2 15.4 23.2#

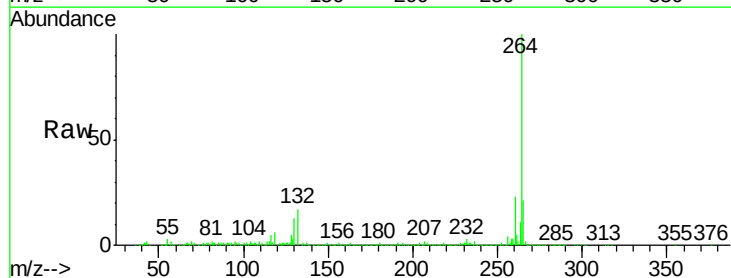


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

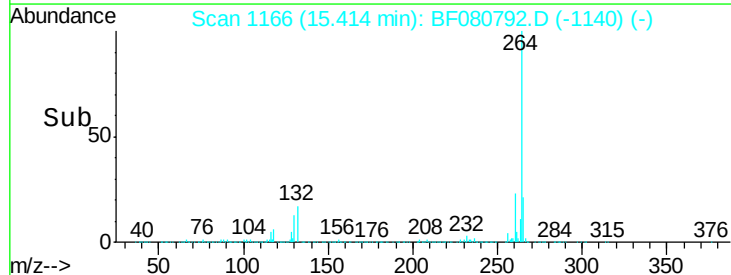
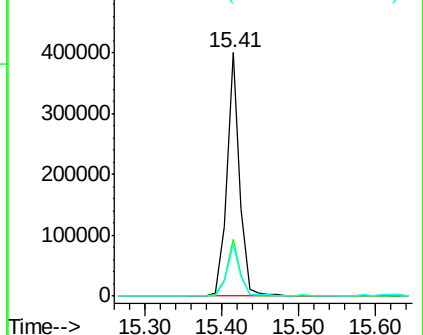


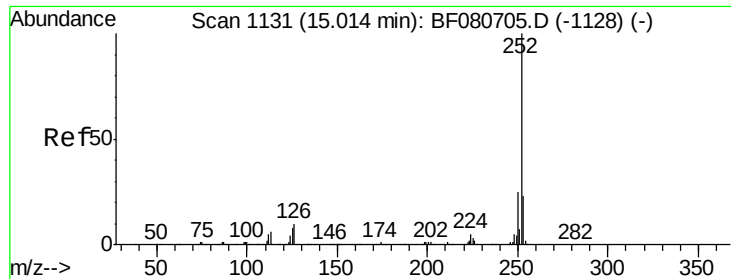
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF080792.D
Acq: 1 Aug 2015 21:05

Tgt Ion:264 Resp: 477268
Ion Ratio Lower Upper
264 100
260 23.1 19.4 29.0
265 21.2 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

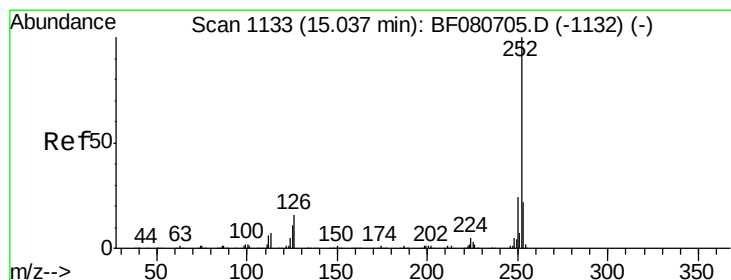
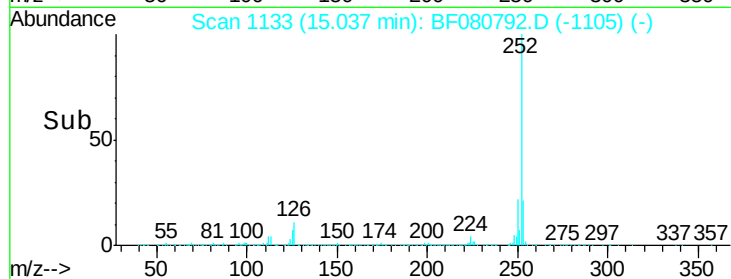
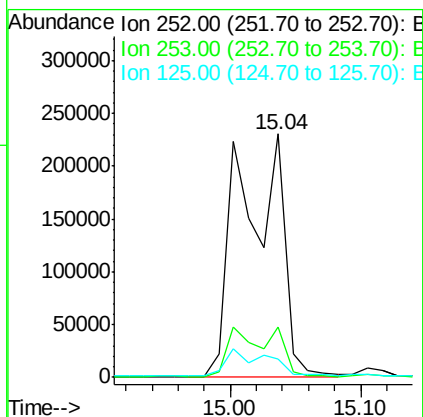
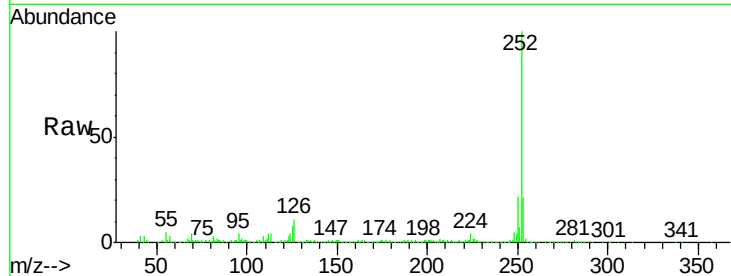




#87
Benzo(b)fluoranthene
Concen: 18.71 ng
RT: 15.04 min Scan# 1133
Delta R.T. 0.02 min
Lab File: BF080792.D
Acq: 1 Aug 2015 21:05

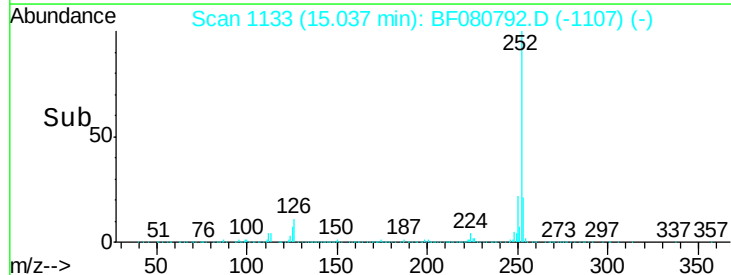
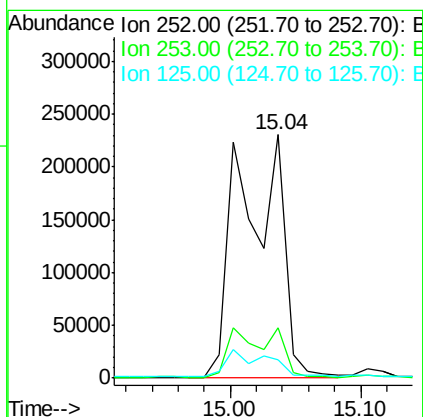
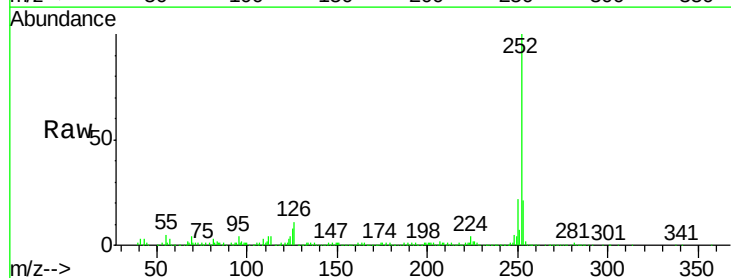
Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MSD

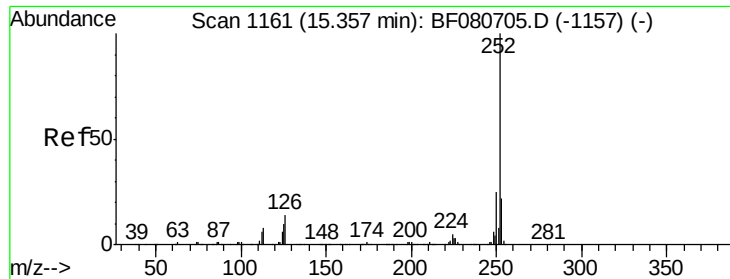
Tot Ion:252 Resp: 533422
Ion Ratio Lower Upper
252 100
253 20.8 18.1 27.1
125 7.8 6.2 9.2



#88
Benzo(k)fluoranthene
Concen: 22.74 ng
RT: 15.04 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BF080792.D
Acq: 1 Aug 2015 21:05

Tgt Ion:252 Resp: 533422
Ion Ratio Lower Upper
252 100
253 20.8 17.8 26.6
125 7.8 9.0 13.4#

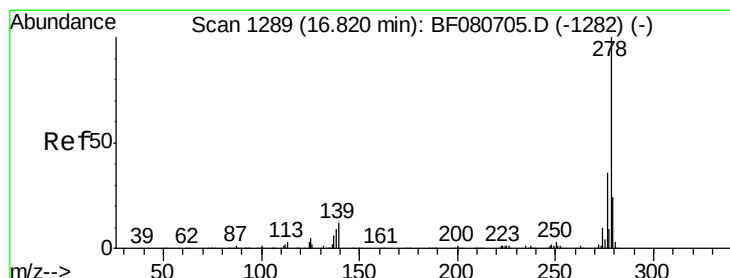
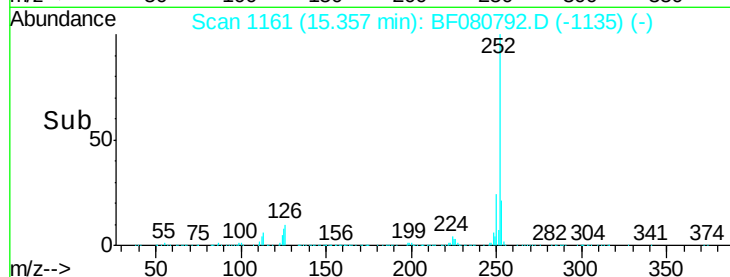
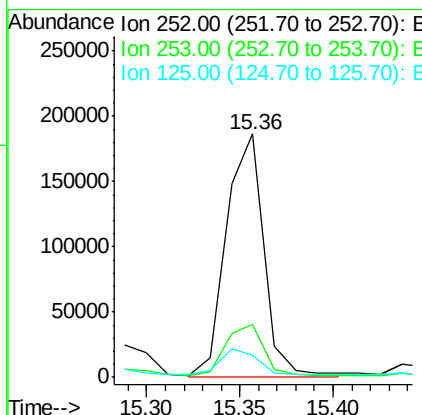
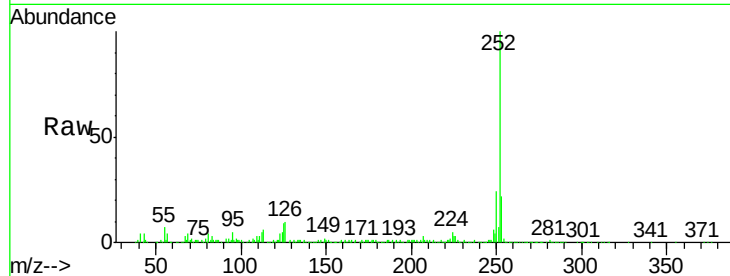




#89
Benzo(a)pyrene
Concen: 11.16 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF080792.D
Acq: 1 Aug 2015 21:05

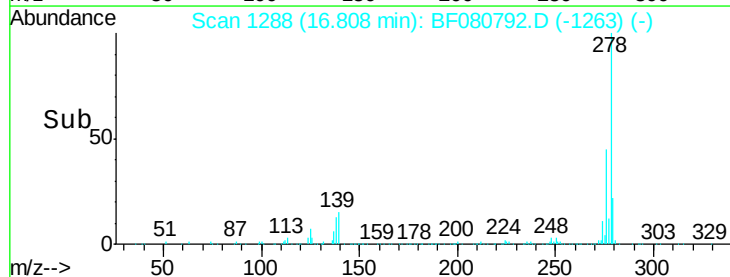
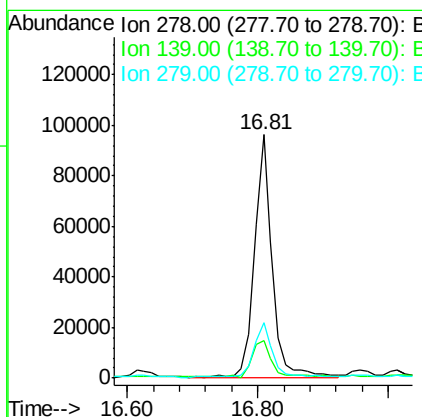
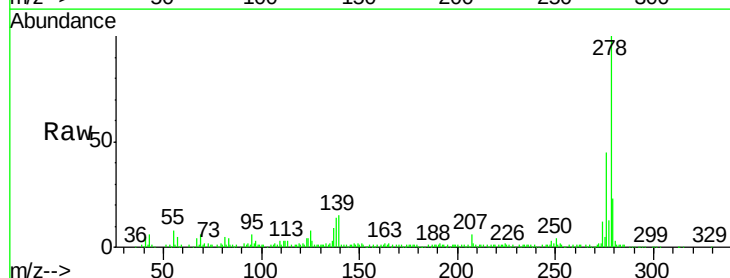
Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MSD

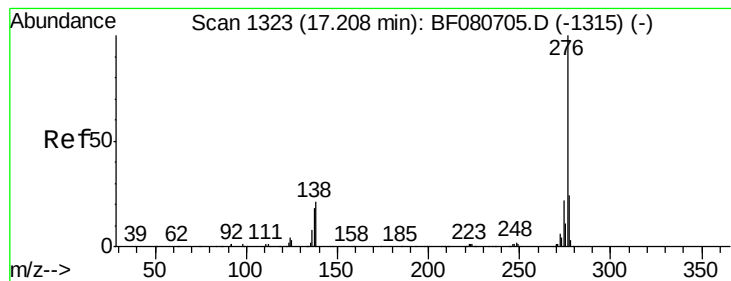
Tot Ion:252 Resp: 261173
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 8.9 8.2 12.4



#90
Dibenzo(a,h)anthracene
Concen: 8.72 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF080792.D
Acq: 1 Aug 2015 21:05

Tgt Ion:278 Resp: 182764
Ion Ratio Lower Upper
278 100
139 15.5 9.8 14.8#
279 22.6 19.4 29.2





#91

Benzo(a,h,i)perylene

Concen: 8.92 ng

RT: 17.21 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF080792.D

Acq: 1 Aug 2015 21:05

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-2(0-6FTBGS)MSD

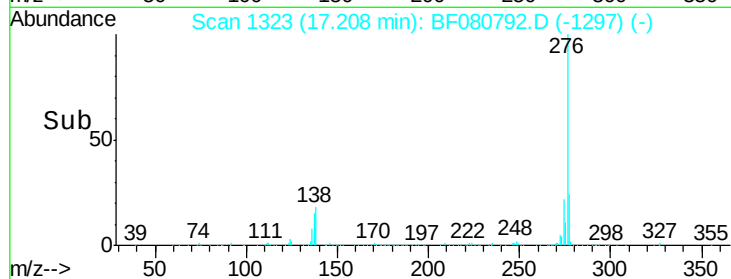
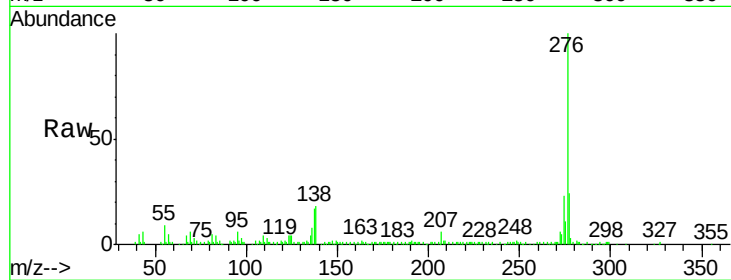
Tot Ion: 276 Resp: 183941

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 18.4 16.9 25.3



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

