

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111715\
 Data File : BF082971.D
 Acq On : 17 Nov 2015 17:34
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 04:24:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	722846	20.00	ng	0.07
21) Naphthalene-d8	8.04	136	843561	20.00	ng	-0.10
38) Acenaphthene-d10	9.80	164	436576	20.00	ng	-0.09
63) Phenanthrene-d10	11.28	188	794218	20.00	ng	-0.10
75) Chrysene-d12	13.92	240	616649	20.00	ng	-0.10
86) Perylene-d12	15.32	264	520671	20.00	ng	-0.14

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1048388	22.57	ng	-0.09
7) Phenol-d6	6.42	99	1455012	23.56	ng	-0.07
23) Nitrobenzene-d5	7.33	82	1521083	78.46	ng	-0.08
41) 2,4,6-Tribromophenol	10.59	330	316032	63.13	ng	-0.09
44) 2-Fluorobiphenyl	9.13	172	1982721	65.09	ng	-0.09
78) Terphenyl-d14	12.87	244	2178670	83.80	ng	-0.10

Target Compounds						Qvalue
2) 1,4-Dioxane	2.26	88	256325	12.79	ng	97
3) Pyridine	2.93	79	863900	14.85	ng	97
4) n-Nitrosodimethylamine	2.89	42	352368	12.21	ng	# 77
6) Aniline	6.50	93	621770	7.17	ng	# 54
8) 2-Chlorophenol	6.54	128	573637	11.14	ng	82
10) Phenol	6.43	94	939510	13.41	ng	90
11) bis(2-Chloroethyl)ether	6.50	93	622025	11.87	ng	90
12) 1,3-Dichlorobenzene	6.69	146	652977	11.24	ng	95
13) 1,4-Dichlorobenzene	6.93	146	680364	11.26	ng	95
14) 1,2-Dichlorobenzene	6.93	146	680364	12.38	ng	99
15) Benzyl Alcohol	6.91	79	577921	10.66	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	962204	12.52	ng	93
17) 2-Methylphenol	7.04	107	541836	12.42	ng	99
18) Hexachloroethane	7.28	117	255580	11.82	ng	# 83
19) n-Nitroso-di-n-propylamine	7.18	70	464249	10.23	ng	89
20) 3+4-Methylphenols	7.20	107	673593	11.88	ng	# 57
22) Acetophenone	7.17	105	849731	35.16	ng	# 98
24) Nitrobenzene	7.34	77	646648	32.62	ng	90
25) Isophorone	7.60	82	1346813	37.55	ng	95
26) 2-Nitrophenol	7.66	139	351786	42.51	ng	# 69
27) 2,4-Dimethylphenol	7.72	122	576362	38.76	ng	87
28) bis(2-Chloroethoxy)methane	7.80	93	704554	34.82	ng	# 97
29) 2,4-Dichlorophenol	7.92	162	541640	40.31	ng	95
30) 1,2,4-Trichlorobenzene	7.98	180	548356	36.28	ng	99
31) Naphthalene	8.06	128	1544342	33.18	ng	99
32) Benzoic acid	7.86	122	322800	31.71	ng	# 85
33) 4-Chloroaniline	8.12	127	753777	37.58	ng	# 90
34) Hexachlorobutadiene	8.19	225	321920	34.04	ng	99
35) Caprolactam	8.51	113	162234	38.29	ng	# 87
36) 4-Chloro-3-methylphenol	8.61	107	510911	32.33	ng	92
37) 2-Methylnaphthalene	8.85	142	957105	31.79	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	494347	34.46	ng	97
40) Hexachlorocyclopentadiene	8.92	237	292395	37.94	ng	98
42) 2,4,6-Trichlorophenol	9.05	196	411824	38.46	ng	99

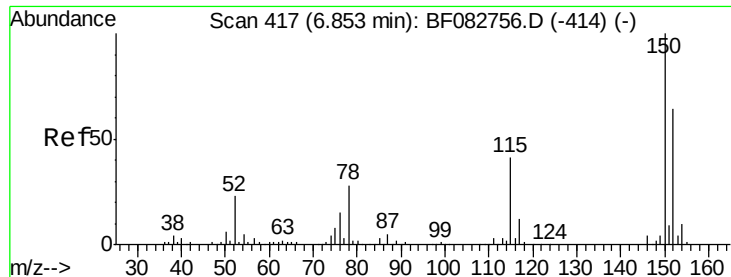
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111715\
 Data File : BF082971.D
 Acq On : 17 Nov 2015 17:34
 Operator : UM/IZ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 04:24:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.09	196	391222	36.94	nq	# 76
45) 1,1'-Biphenyl	9.23	154	1442665	38.51	nq	99
46) 2-Chloronaphthalene	9.25	162	1098777	37.60	nq	95
47) 2-Nitroaniline	9.34	65	374282	34.53	nq	# 85
48) Acenaphthylene	9.66	152	1768428	38.62	nq	99
49) Dimethylphthalate	9.54	163	1360073	38.02	nq	99
50) 2,6-Dinitrotoluene	9.60	165	313723	41.11	nq	# 65
51) Acenaphthene	9.84	154	1066023	36.73	nq	100
52) 3-Nitroaniline	9.77	138	335974	40.03	nq	# 52
53) 2,4-Dinitrophenol	9.86	184	126208	30.12	nq	# 30
54) Dibenzofuran	10.01	168	1465350	37.45	nq	93
55) 4-Nitrophenol	9.94	139	249008	38.67	nq	87
56) 2,4-Dinitrotoluene	10.00	165	408821	39.48	nq	# 90
57) Fluorene	10.35	166	1200380	37.88	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	326683	37.79	nq	# 88
59) Diethylphthalate	10.24	149	1291436	36.98	nq	99
60) 4-Chlorophenyl-phenylether	10.34	204	495437	31.24	nq	# 84
61) 4-Nitroaniline	10.37	138	345009	40.87	nq	# 82
62) Azobenzene	10.50	77	1352747	36.06	nq	91
64) 4,6-Dinitro-2-methylphenol	10.41	198	228083	40.31	nq	99
65) n-Nitrosodiphenylamine	10.46	169	983534	34.28	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	335255	35.06	nq	# 79
67) Hexachlorobenzene	10.90	284	389524	36.48	nq	# 75
68) Atrazine	11.00	200	365366	41.18	nq	95
69) Pentachlorophenol	11.09	266	217049	33.47	nq	98
70) Phenanthrene	11.31	178	1838299	39.86	nq	97
71) Anthracene	11.36	178	1601689	32.97	nq	99
72) Carbazole	11.52	167	1625693	38.23	nq	99
73) Di-n-butylphthalate	11.86	149	2137350	40.34	nq	# 97
74) Fluoranthene	12.49	202	1602786	32.38	nq	97
76) Benzidine	12.61	184	807733	39.08	nq	99
77) Pyrene	12.72	202	1706722	40.30	nq	99
79) Butylbenzylphthalate	13.35	149	797638	42.63	nq	99
80) Benzo(a)anthracene	13.91	228	1539619	39.93	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	528515	38.55	nq	98
82) Chrysene	13.95	228	1449563	41.04	nq	98
83) Bis(2-ethylhexyl)phthalate	13.92	149	1116628	43.61	nq	98
84) Di-n-octyl phthalate	14.53	149	1776140	41.58	nq	99
85) Indeno(1,2,3-cd)pyrene	16.67	276	1207072	39.68	nq	96
87) Benzo(b)fluoranthene	14.97	252	2439039	72.98	nq	99
88) Benzo(k)fluoranthene	14.97	252	2439039	82.27	nq	# 98
89) Benzo(a)pyrene	15.28	252	1109250	38.31	nq	98
90) Dibenzo(a,h)anthracene	16.68	278	988577	40.32	nq	# 97
91) Benzo(g,h,i)perylene	17.07	276	989100	42.12	nq	# 95

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

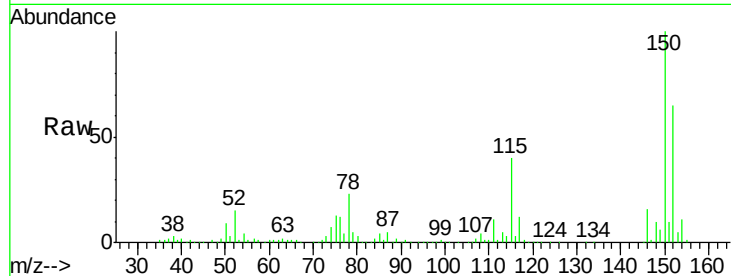


#1

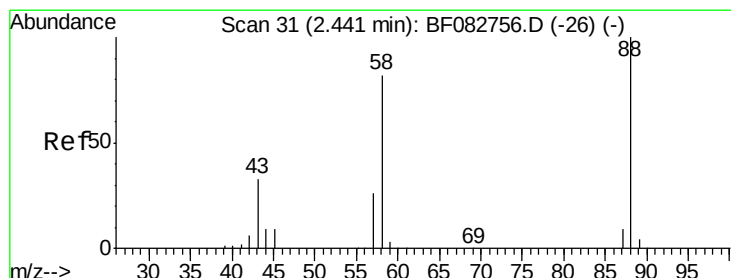
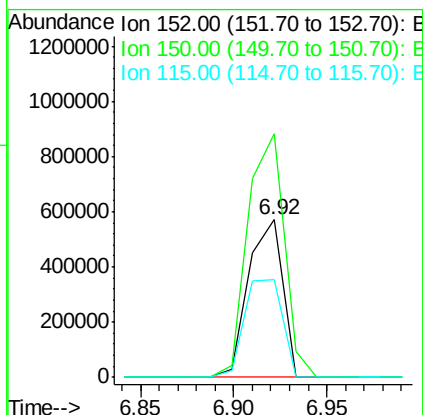
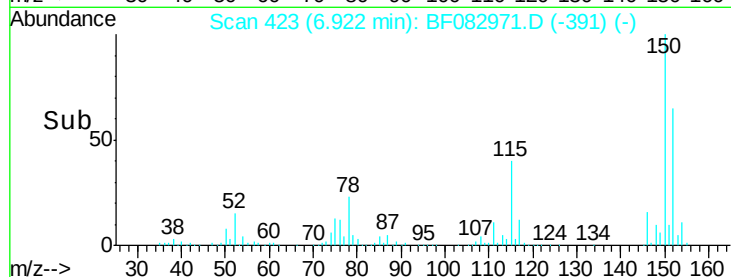
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.07 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 722846
Ion Ratio Lower Upper
152 100
150 154.6 127.0 190.4
115 61.9 47.0 70.6



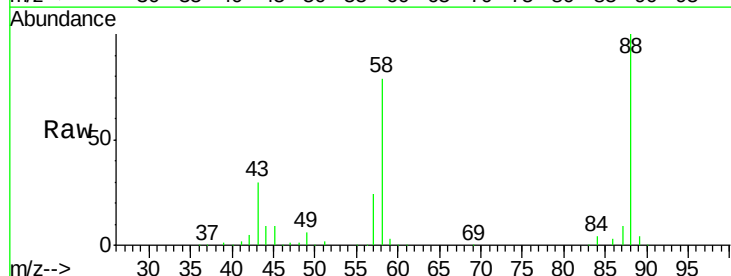
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



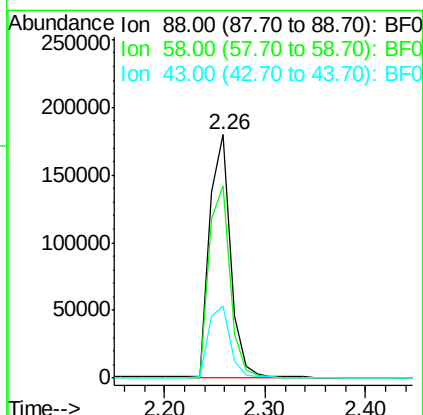
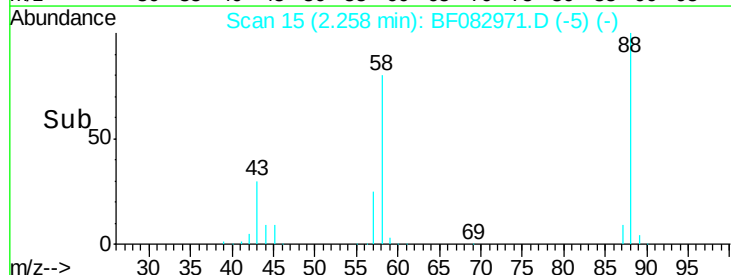
#2

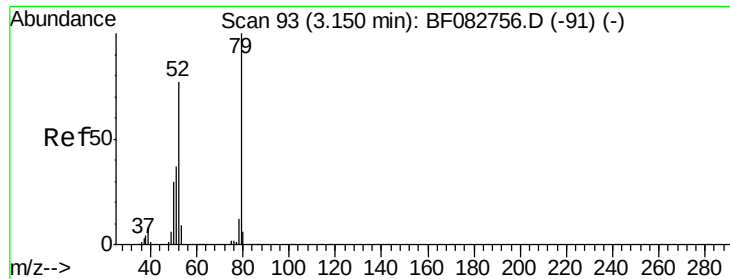
1,4-Dioxane
Concen: 12.79 ng
RT: 2.26 min Scan# 15
Delta R.T. -0.18 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Tgt Ion: 88 Resp: 256325
Ion Ratio Lower Upper
88 100
58 80.6 62.0 93.0
43 32.0 26.6 40.0



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: 14.85 ng

RT: 2.93 min Scan# 74

Delta R.T. -0.22 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Instrument :

BNA_F

ClientSampleId :

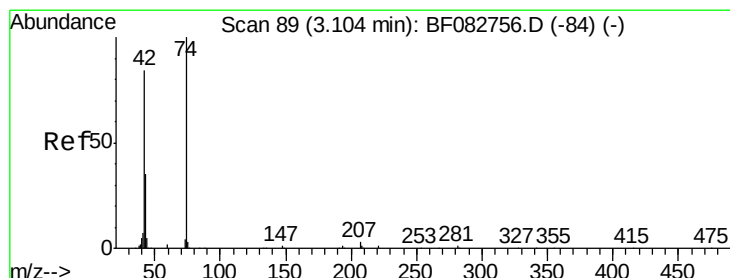
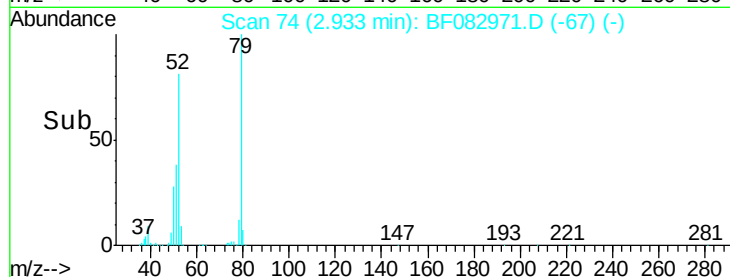
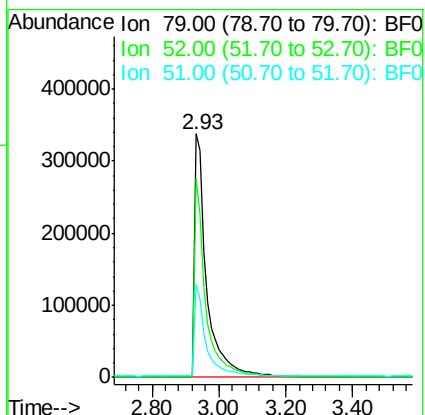
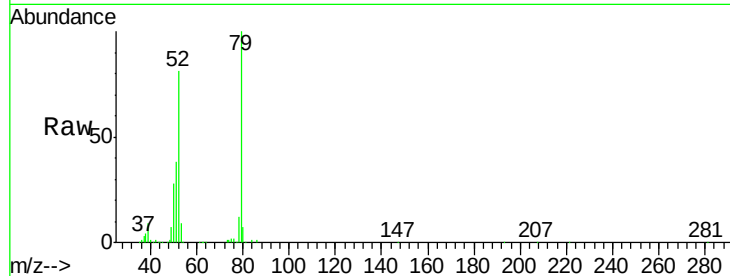
Tot Ion: 79 Resp: 863900

Ion Ratio Lower Upper

79 100

52 81.5 62.8 94.2

51 38.1 32.0 48.0



#4

n-Nitrosodimethylamine

Concen: 12.21 ng

RT: 2.89 min Scan# 70

Delta R.T. -0.22 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

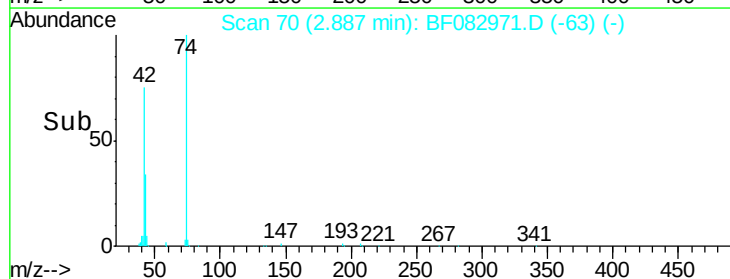
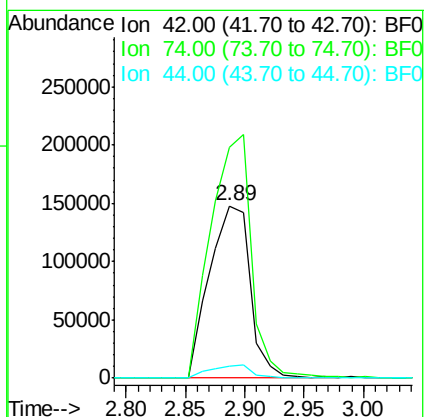
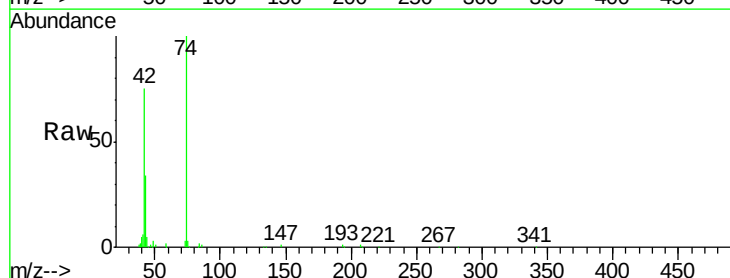
Tgt Ion: 42 Resp: 352368

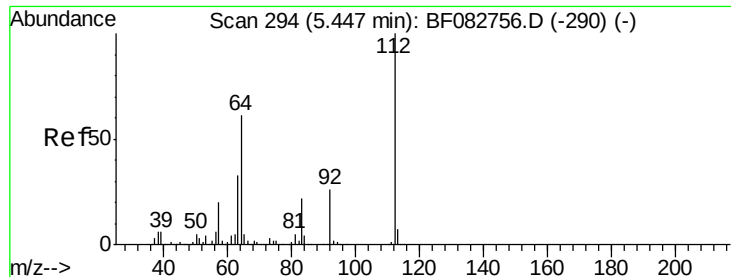
Ion Ratio Lower Upper

42 100

74 134.2 87.0 130.4#

44 6.6 5.8 8.8





#5

2-Fluorophenol

Concen: 22.57 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.09 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Instrument :

BNA_F

ClientSampleId :

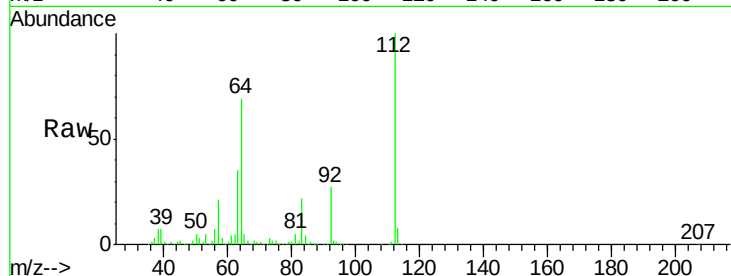
Tot Ion:112 Resp: 1048388

Ion Ratio Lower Upper

112 100

64 69.1 48.9 73.3

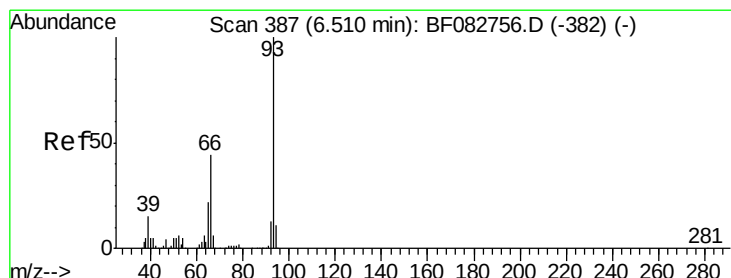
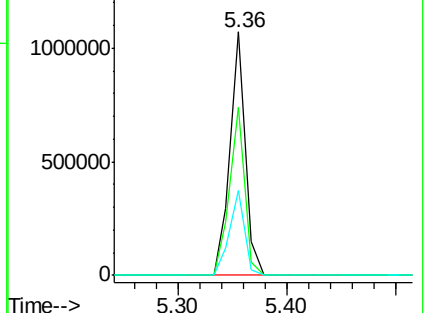
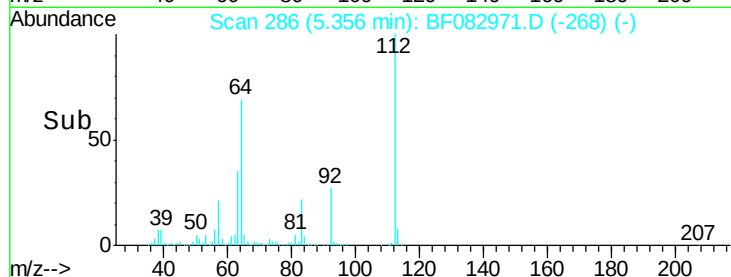
63 35.0 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 7.17 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

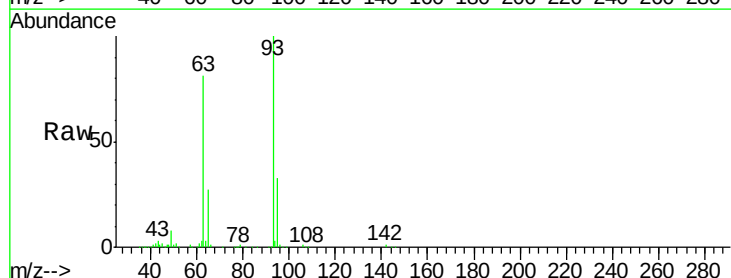
Tgt Ion: 93 Resp: 621770

Ion Ratio Lower Upper

93 100

66 0.6 33.6 50.4#

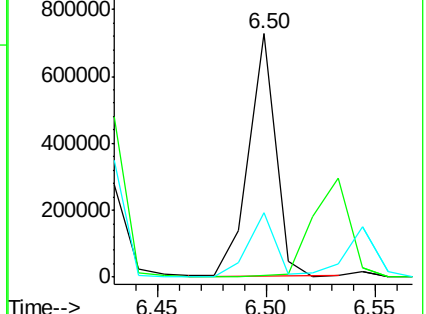
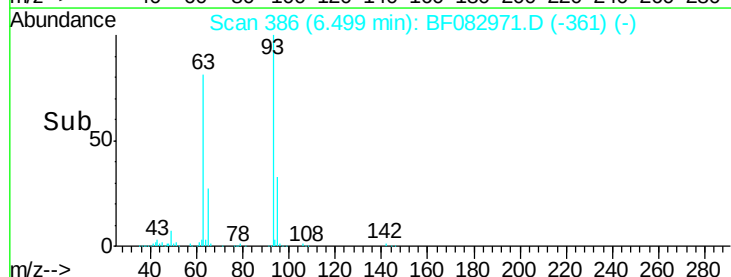
65 26.7 18.1 27.1

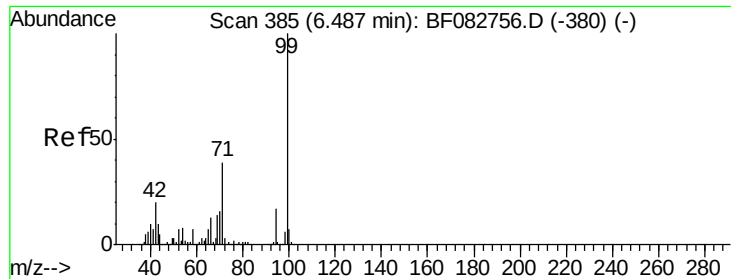


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 23.56 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.07 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

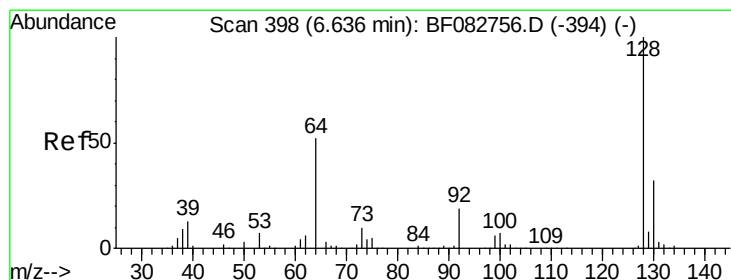
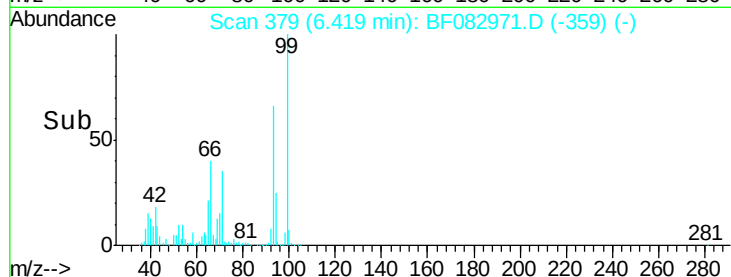
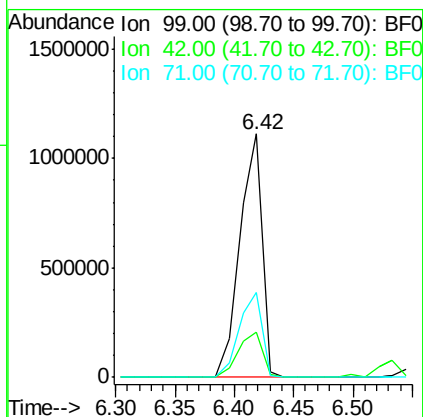
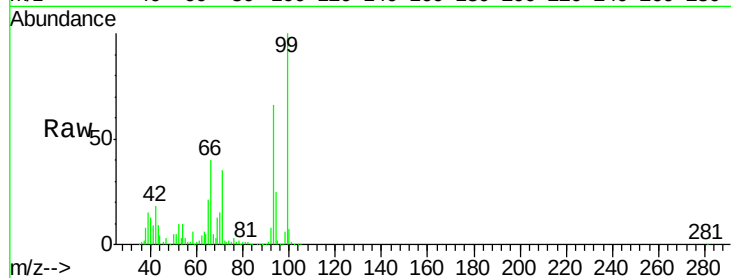
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1455012

Ion	Ratio	Lower	Upper
99	100		
42	18.4	19.2	28.8#
71	35.1	35.0	52.4



#8

2-Chlorophenol

Concen: 11.14 ng

RT: 6.54 min Scan# 390

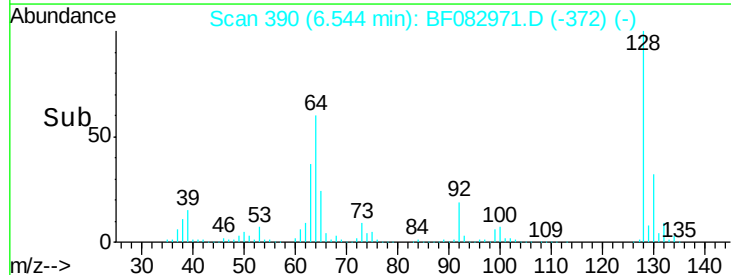
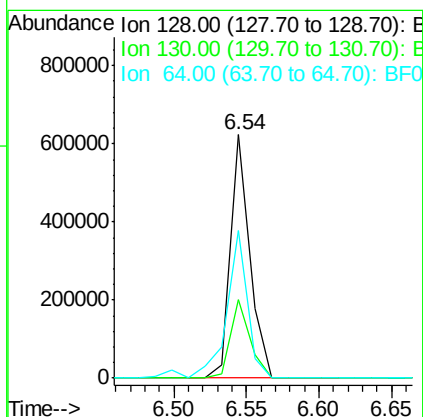
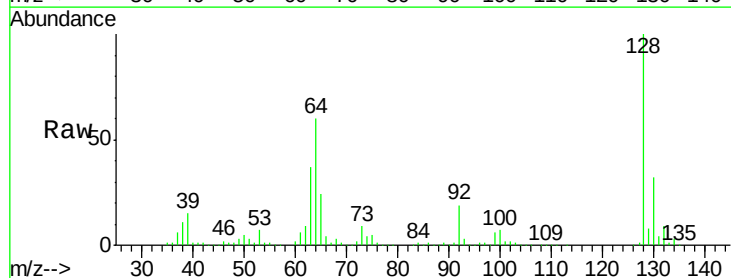
Delta R.T. -0.09 min

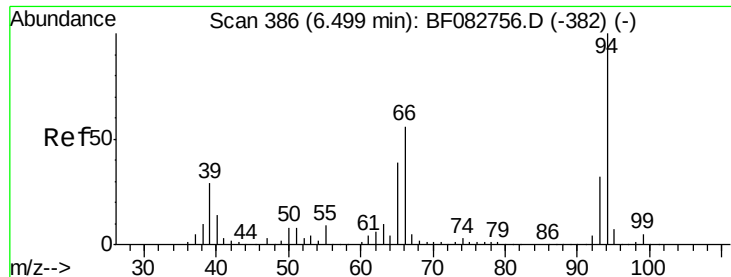
Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Tgt Ion: 128 Resp: 573637

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.5	53.5
64	60.5	21.1	61.1





#10

Phenol

Concen: 13.41 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.07 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

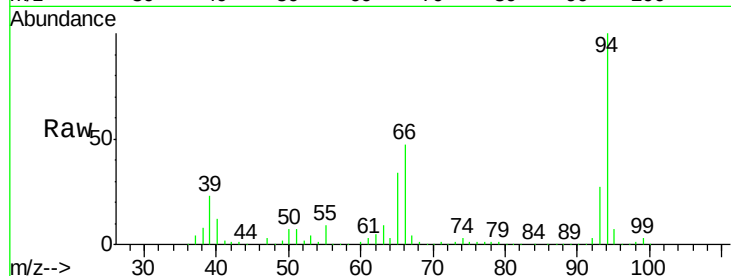
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 94 Resp: 939510

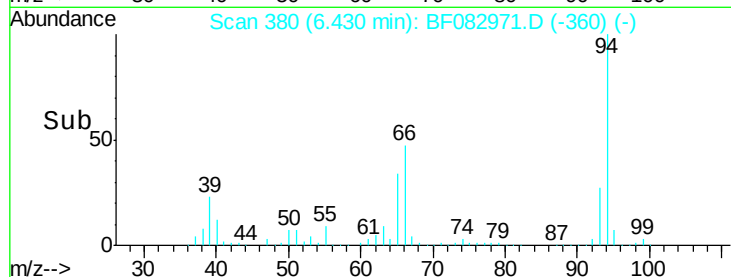
Ion	Ratio	Lower	Upper
94	100		
65	34.0	18.9	58.9
66	46.7	34.9	74.9



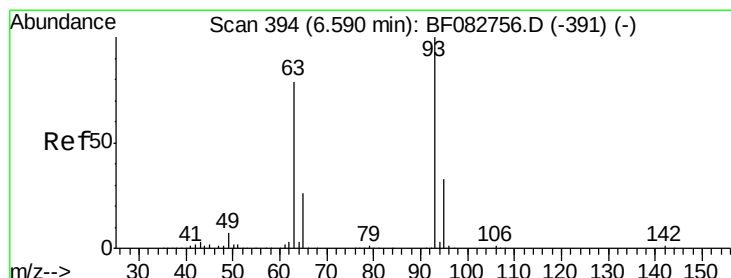
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



Time-->



#11

bis(2-Chloroethyl)ether

Concen: 11.87 ng

RT: 6.50 min Scan# 386

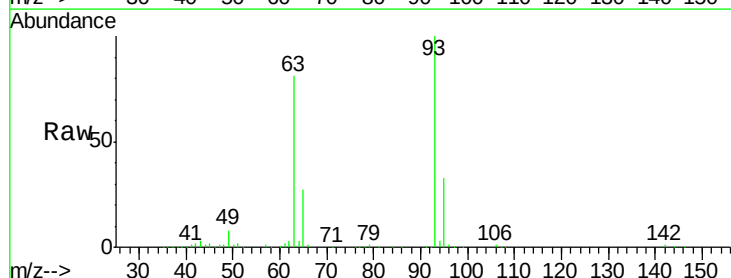
Delta R.T. -0.09 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Tgt Ion: 93 Resp: 622025

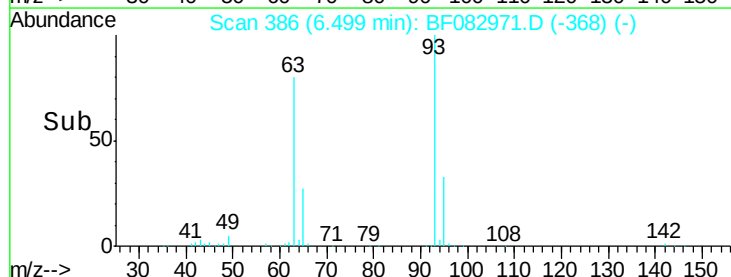
Ion	Ratio	Lower	Upper
93	100		
63	81.3	72.7	112.7
95	33.4	12.0	52.0



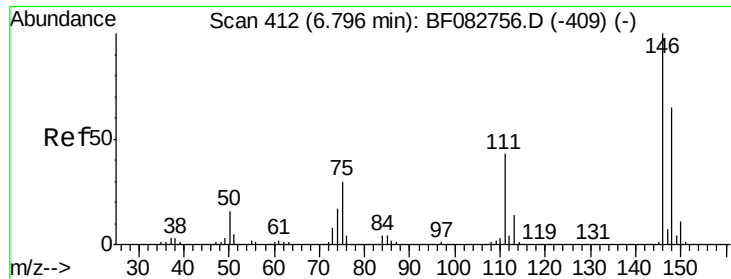
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



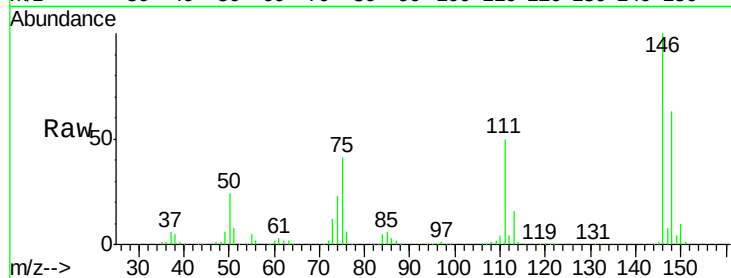
Time-->



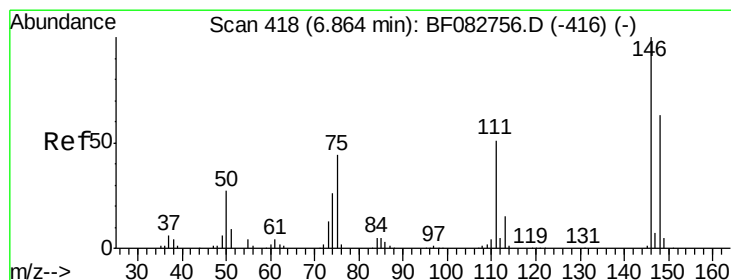
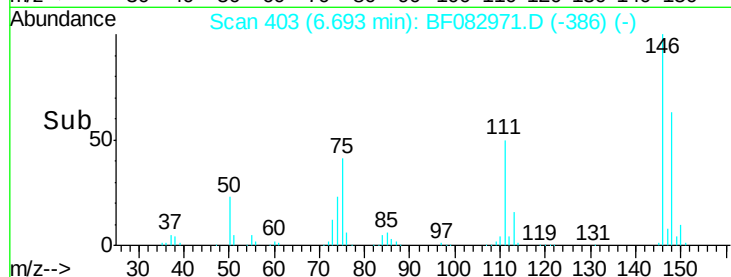
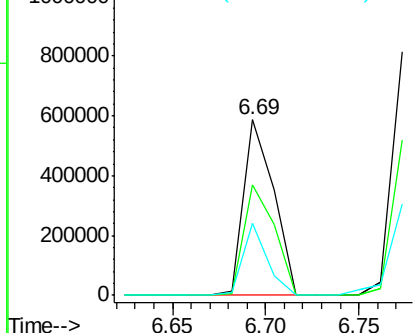
#12
 1,3-Dichlorobenzene
 Concen: 11.24 ng
 RT: 6.69 min Scan# 403
 Delta R.T. -0.10 min
 Lab File: BF082971.D
 Acq: 17 Nov 2015 17:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
75	41.1	39.5	59.3

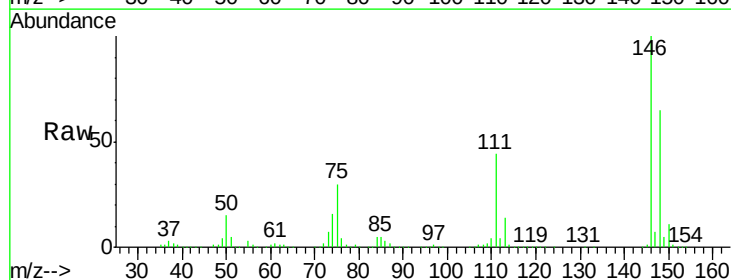


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

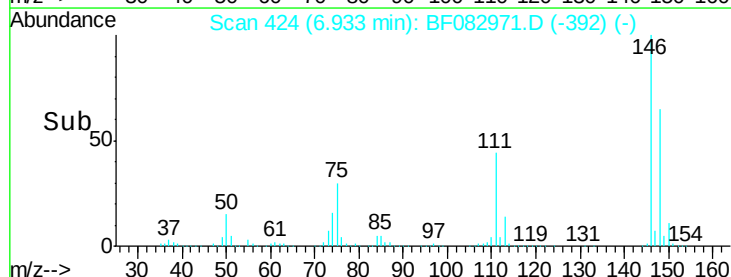
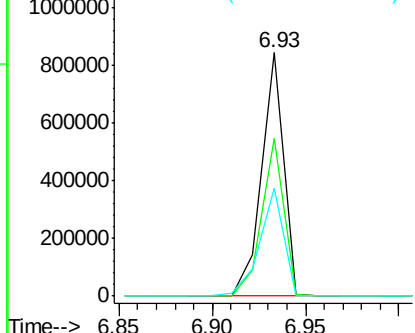


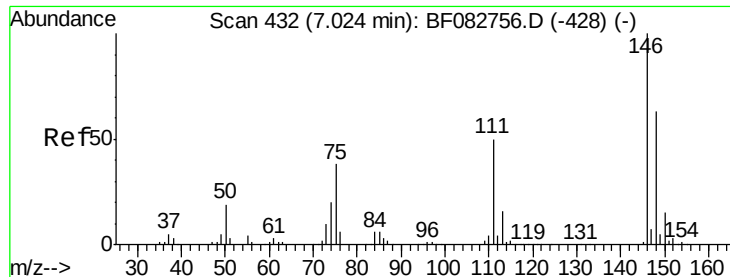
#13
 1,4-Dichlorobenzene
 Concen: 11.26 ng
 RT: 6.93 min Scan# 424
 Delta R.T. 0.07 min
 Lab File: BF082971.D
 Acq: 17 Nov 2015 17:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
111	44.3	40.6	60.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

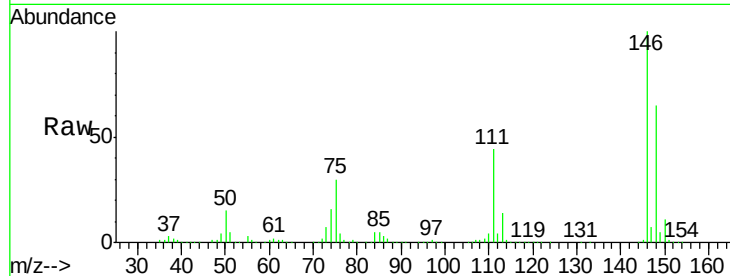




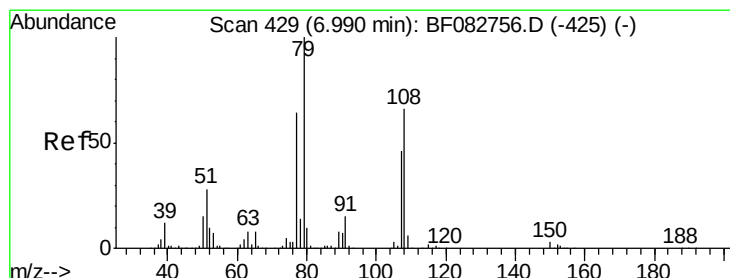
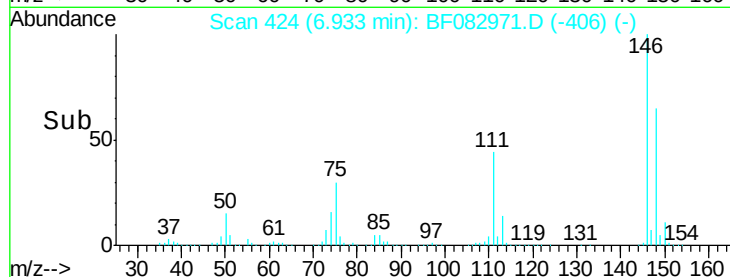
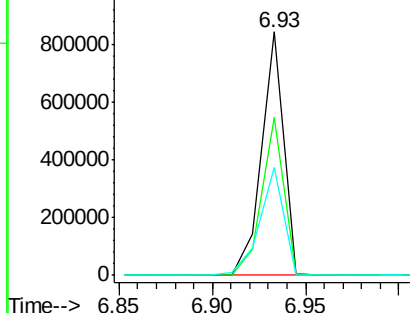
#14
 1,2-Dichlorobenzene
 Concen: 12.38 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.09 min
 Lab File: BF082971.D
 Acq: 17 Nov 2015 17:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 680364
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.2 78.4
 111 44.3 36.6 55.0

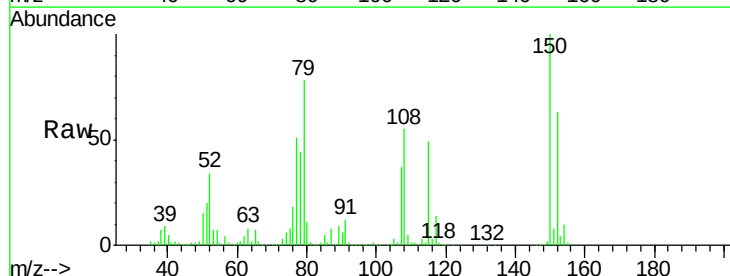


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

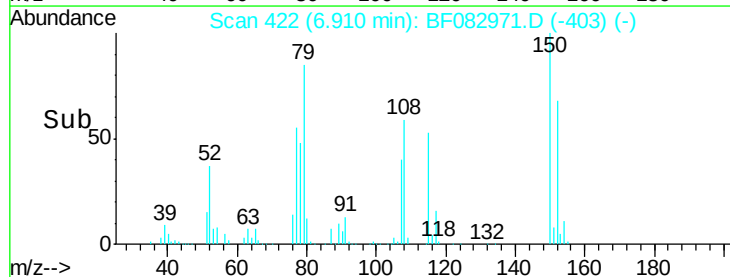
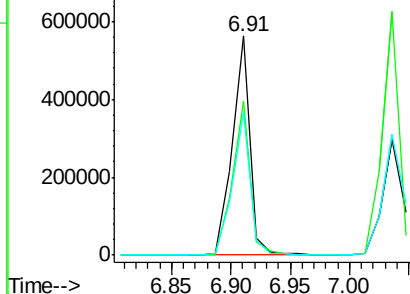


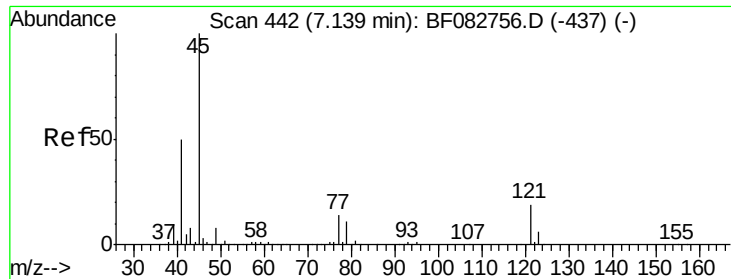
#15
 Benzyl Alcohol
 Concen: 10.66 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.08 min
 Lab File: BF082971.D
 Acq: 17 Nov 2015 17:34

Tgt Ion: 79 Resp: 577921
 Ion Ratio Lower Upper
 79 100
 108 70.2 52.2 78.4
 77 65.1 52.7 79.1



Abundance Ion 79.00 (78.70 to 79.70): BF0
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0

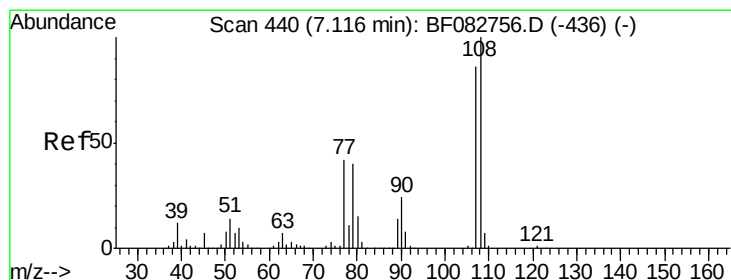
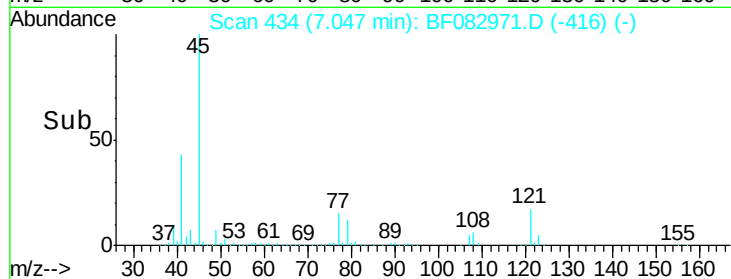
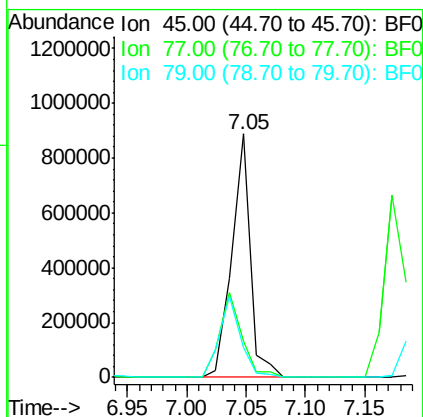
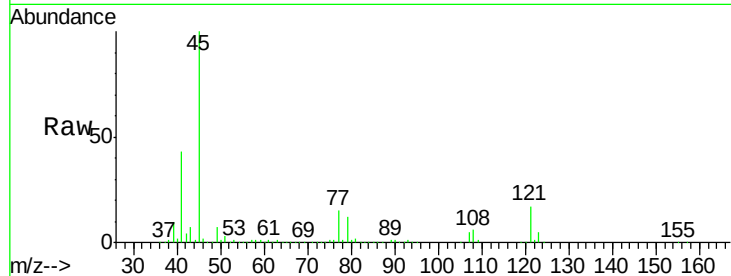




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 12.52 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.09 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

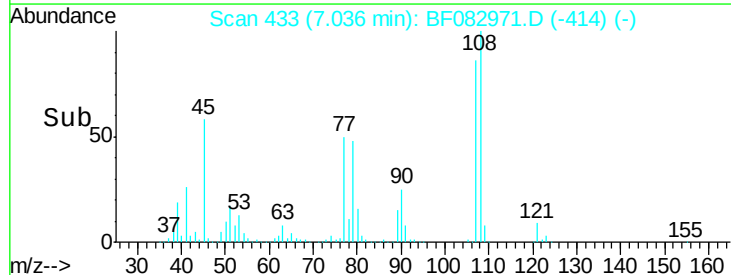
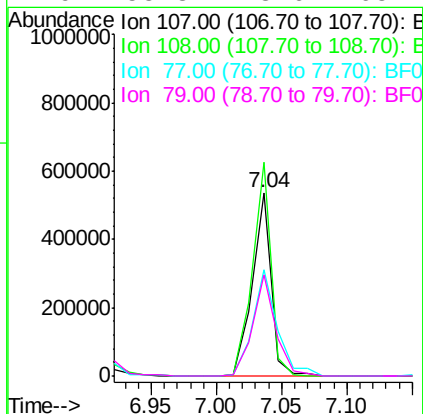
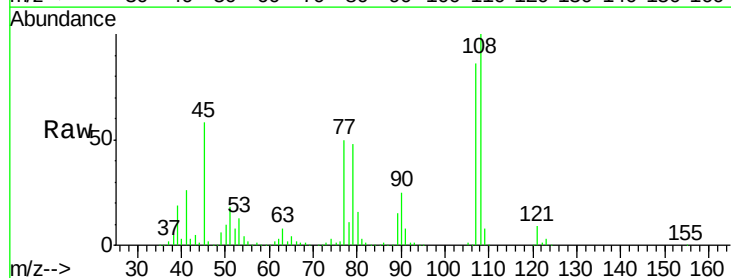
Instrument :
BNA_F
ClientSampled :

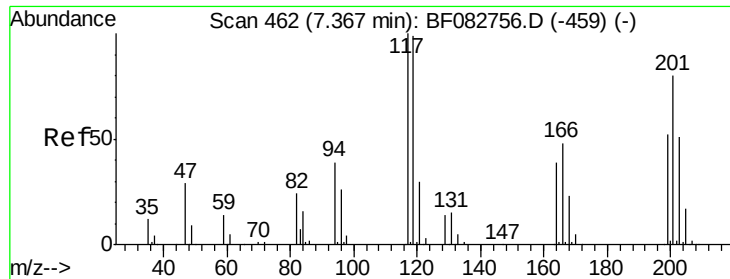
Tot Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	32.6
79	12.4	0.0	29.2



#17
2-Methylphenol
Concen: 12.42 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.08 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	116.4	93.0	139.4
77	57.6	44.1	66.1
79	55.3	43.6	65.4





#18

Hexachloroethane

Concen: 11.82 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.09 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Instrument :

BNA_F

ClientSampleId :

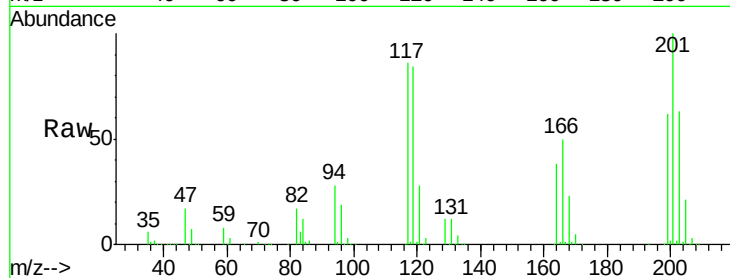
Tot Ion:117 Resp: 255580

Ion Ratio Lower Upper

117 100

119 97.9 77.7 116.5

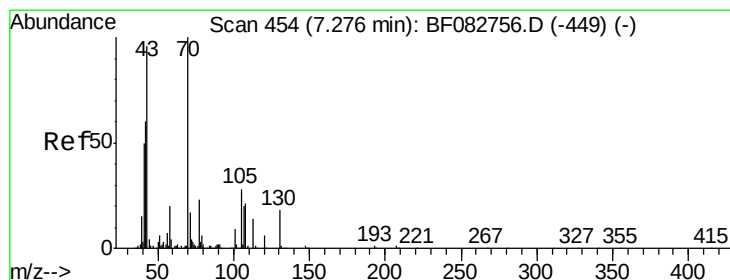
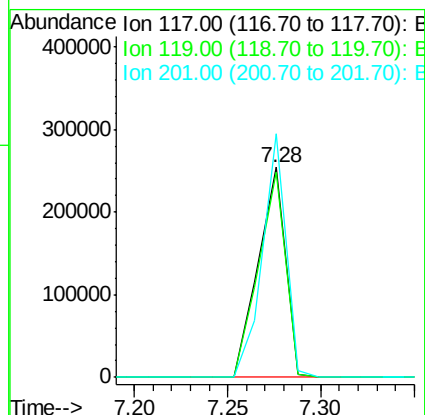
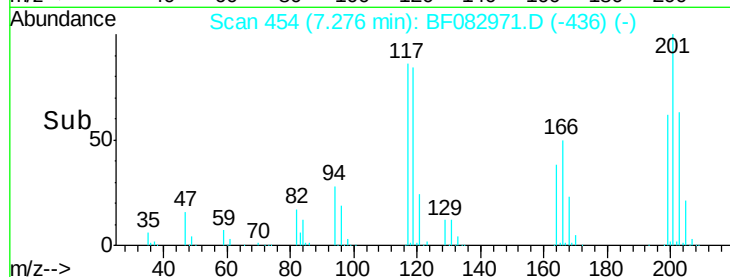
201 115.9 66.7 100.1#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 10.23 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.09 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Tgt Ion: 70 Resp: 464249

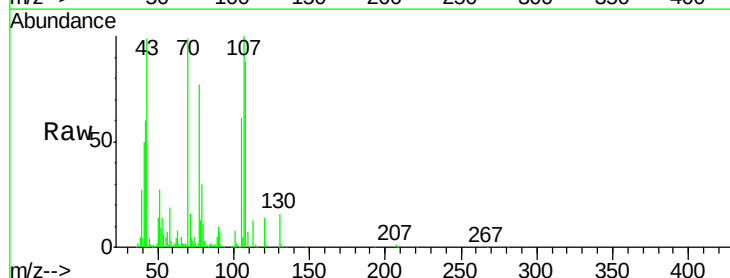
Ion Ratio Lower Upper

70 100

42 60.2 57.7 86.5

101 8.4 7.0 10.6

130 15.9 11.8 17.6

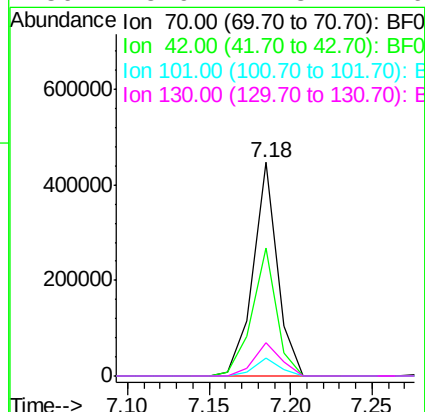
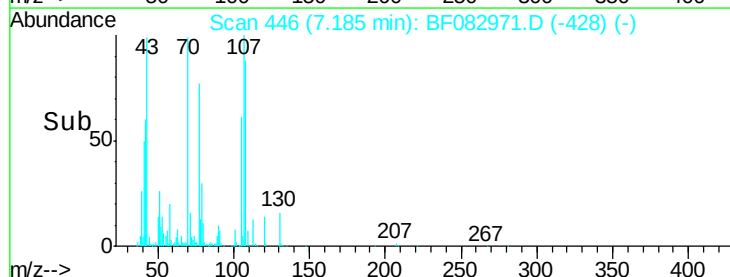


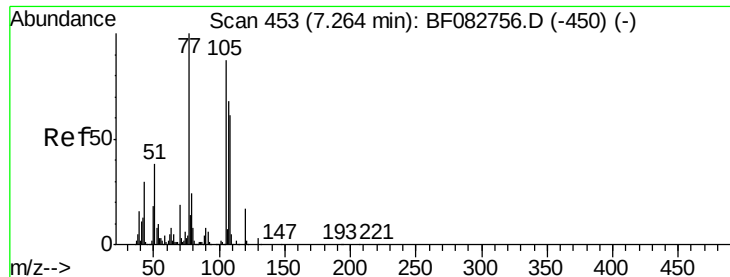
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 11.88 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.07 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 673593

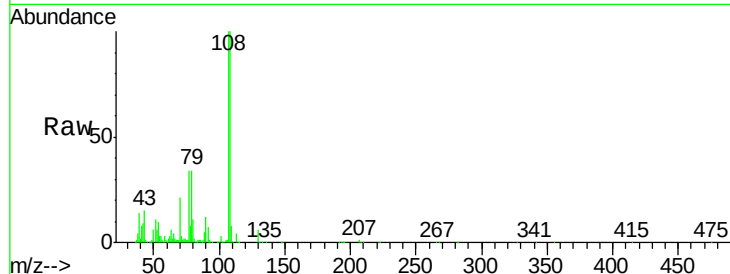
Ion Ratio Lower Upper

107 100

108 100.2 67.3 107.3

77 34.4 100.3 140.3#

79 34.5 16.2 56.2



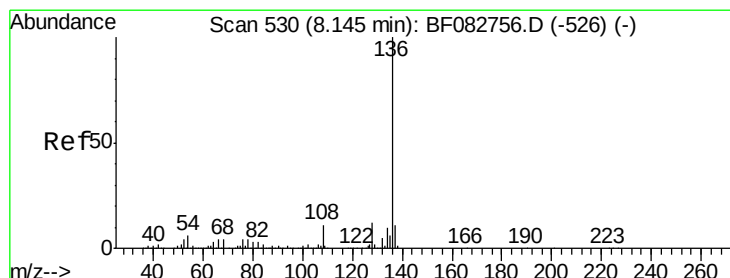
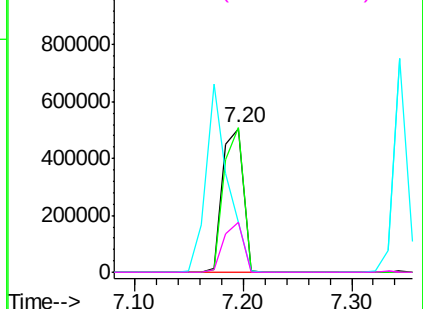
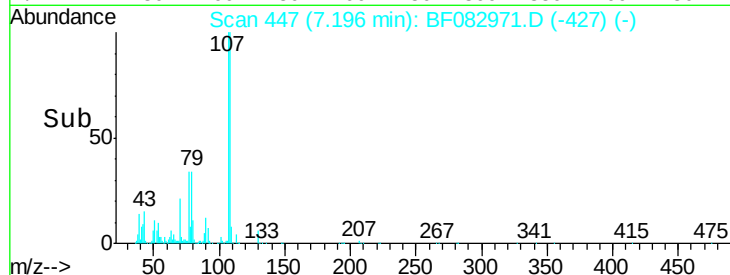
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.10 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Tgt Ion:136 Resp: 843561

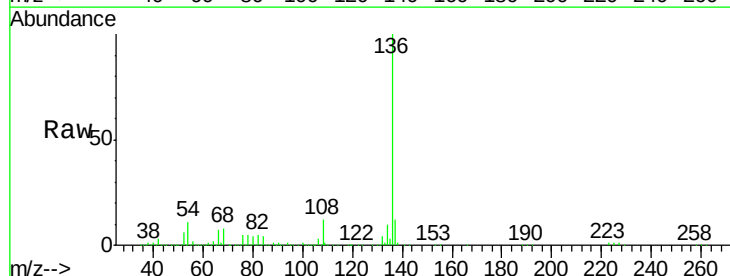
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 10.9 9.1 13.7

68 7.8 4.8 7.2#



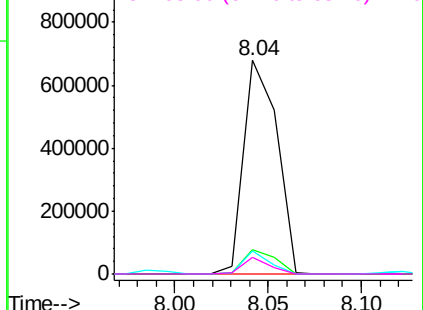
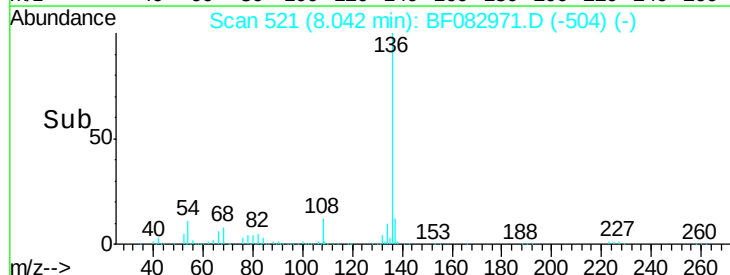
Abundance

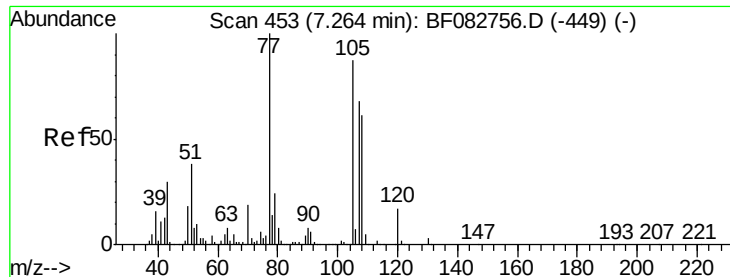
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 35.16 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.09 min

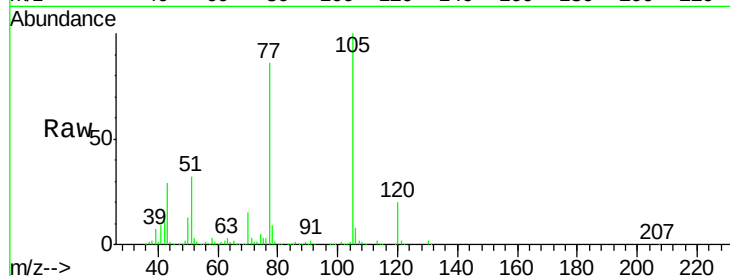
Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

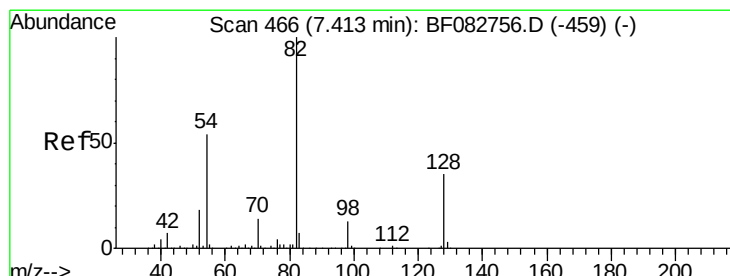
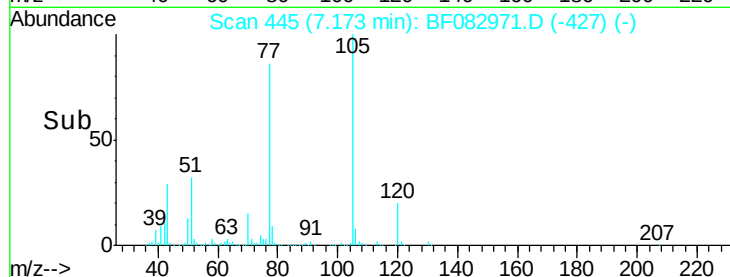
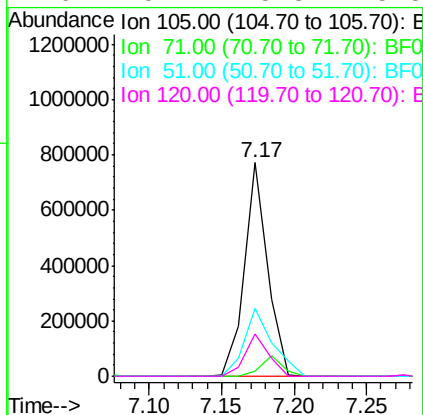
Instrument :

BNA_F

ClientSampleId :



Tot Ion:	105	Resp:	849731
Ion	Ratio	Lower	Upper
105	100		
71	2.5	5.6	8.4#
51	31.8	24.9	37.3
120	19.7	15.8	23.8



#23

Nitrobenzene-d5

Concen: 78.46 ng

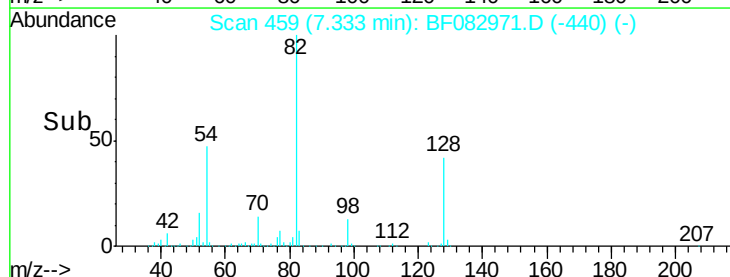
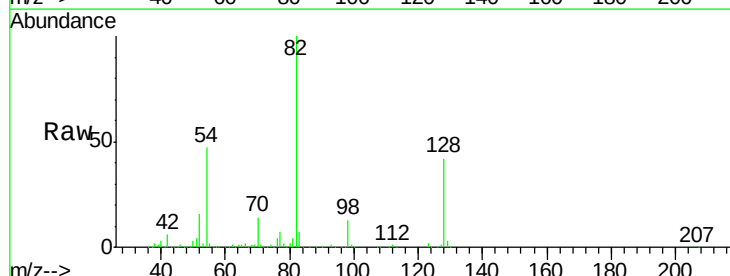
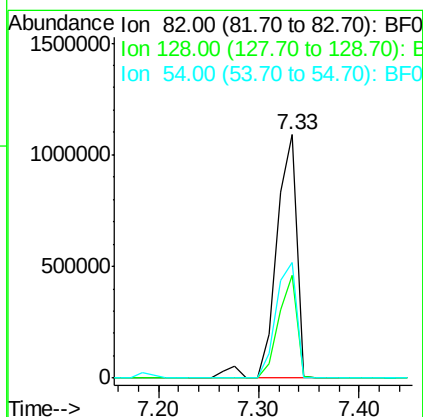
RT: 7.33 min Scan# 459

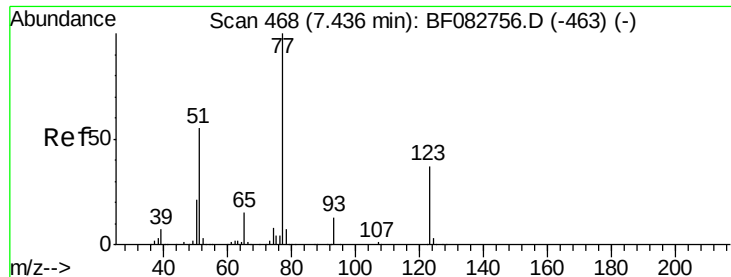
Delta R.T. -0.08 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Tgt Ion:	82	Resp:	1521083
Ion	Ratio	Lower	Upper
82	100		
128	42.3	26.8	40.2#
54	47.3	45.7	68.5

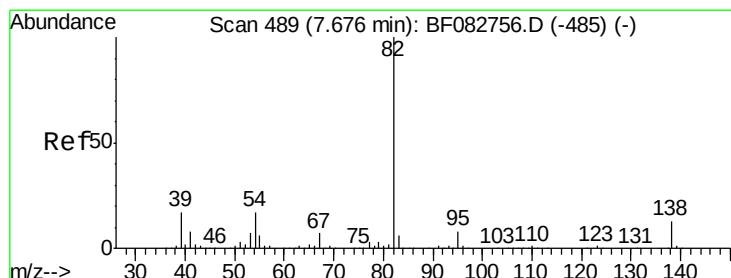
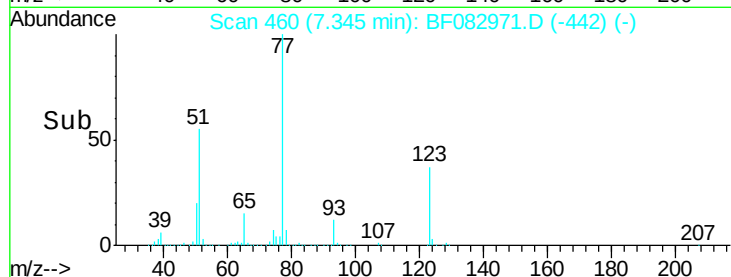
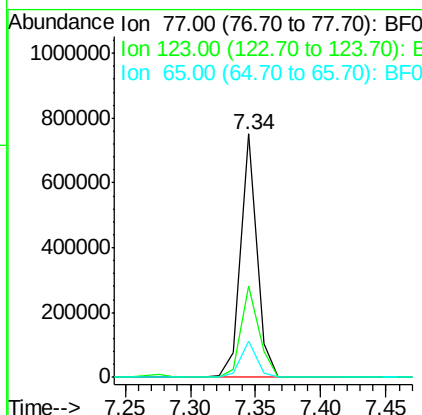
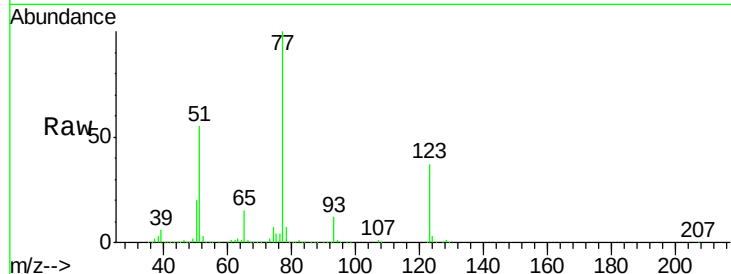




#24
 Nitrobenzene
 Concen: 32.62 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.09 min
 Lab File: BF082971.D
 Acq: 17 Nov 2015 17:34

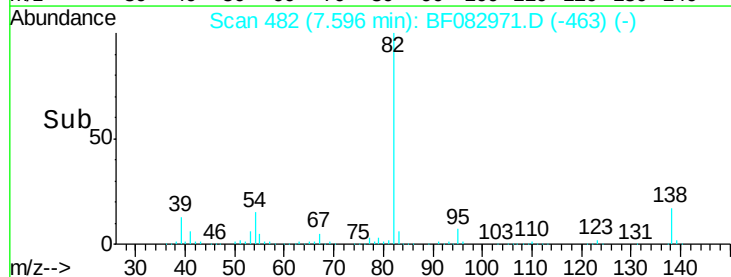
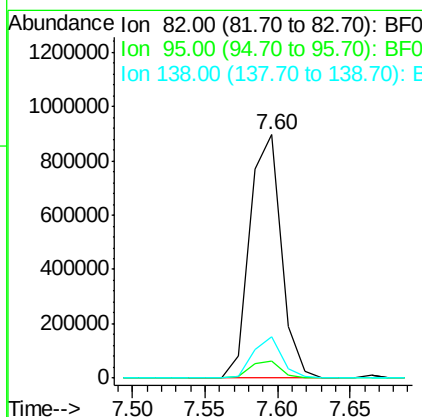
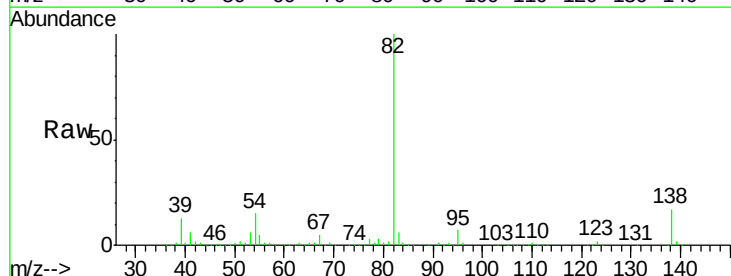
Instrument :
 BNA_F
 ClientSampled :

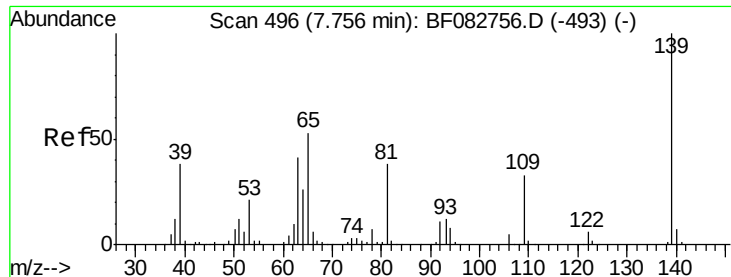
Tot Ion	77	Resp	646648
Ion Ratio	Lower	Upper	
77	100		
123	37.3	36.4	54.6
65	14.7	11.5	17.3



#25
 Isophorone
 Concen: 37.55 ng
 RT: 7.60 min Scan# 482
 Delta R.T. -0.08 min
 Lab File: BF082971.D
 Acq: 17 Nov 2015 17:34

Tgt Ion	82	Resp	1346813
Ion Ratio	Lower	Upper	
82	100		
95	7.2	6.6	9.8
138	17.0	11.4	17.0

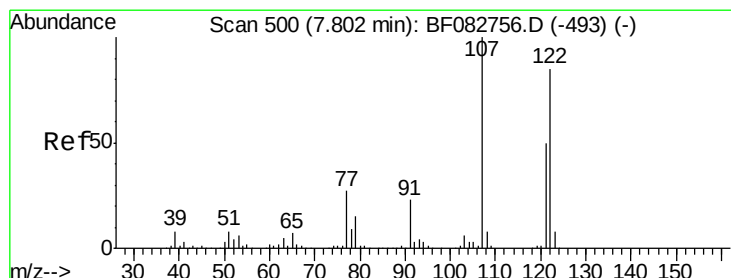
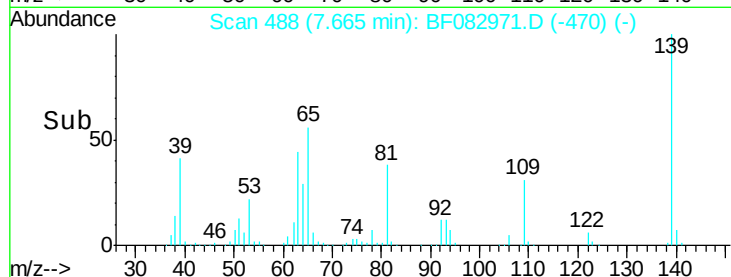
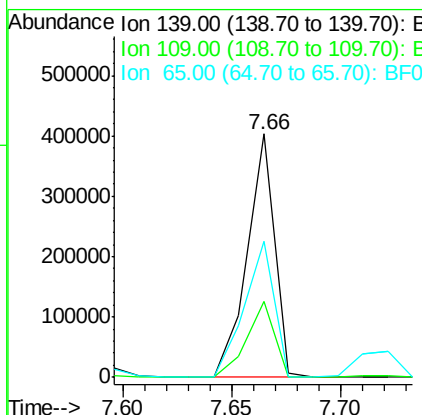
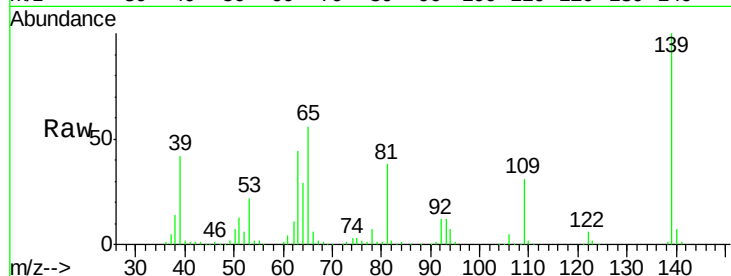




#26
2-Nitrophenol
Concen: 42.51 ng
RT: 7.66 min Scan# 488
Delta R.T. -0.09 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

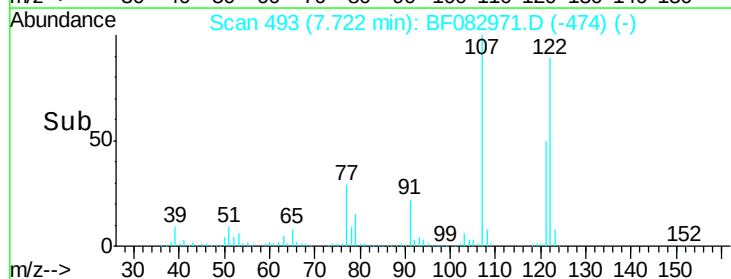
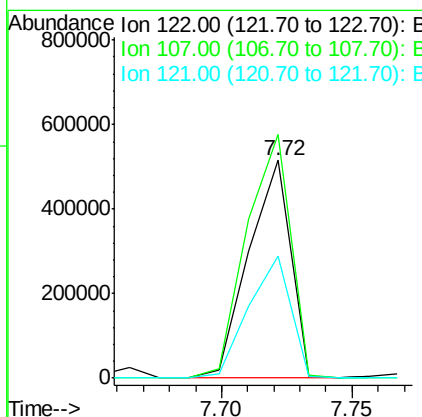
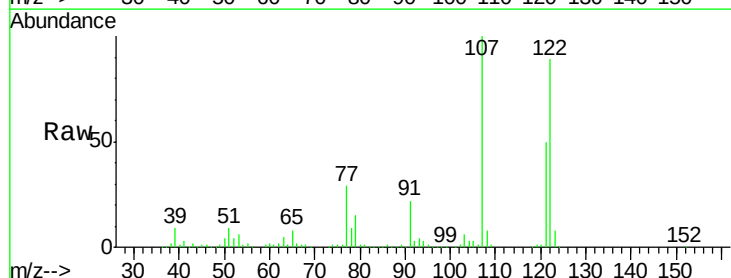
Instrument :
BNA_F
ClientSampleId :

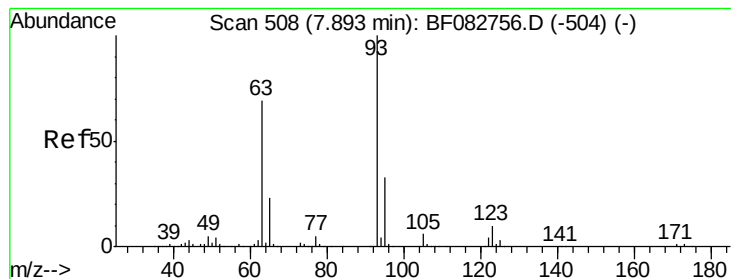
Tot Ion:139 Resp: 351786
Ion Ratio Lower Upper
139 100
109 31.0 37.6 56.4#
65 55.8 70.6 105.8#



#27
2,4-Dimethylphenol
Concen: 38.76 ng
RT: 7.72 min Scan# 493
Delta R.T. -0.08 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Tgt Ion:122 Resp: 576362
Ion Ratio Lower Upper
122 100
107 112.0 106.0 159.0
121 56.4 46.7 70.1





#28

bis(2-Chloroethoxy)methane

Concen: 34.82 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.09 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Instrument :

BNA_F

ClientSampleId :

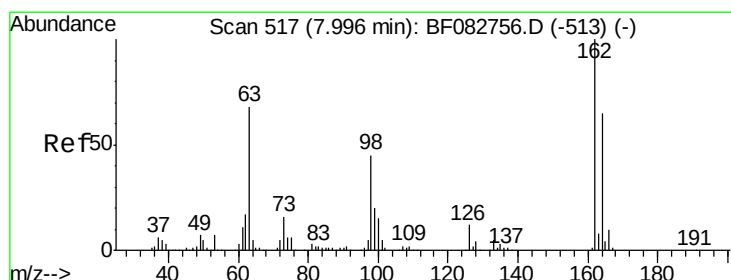
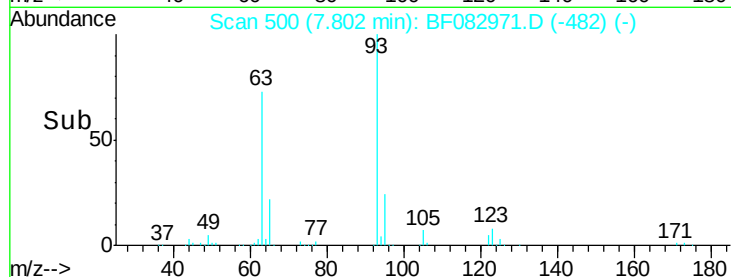
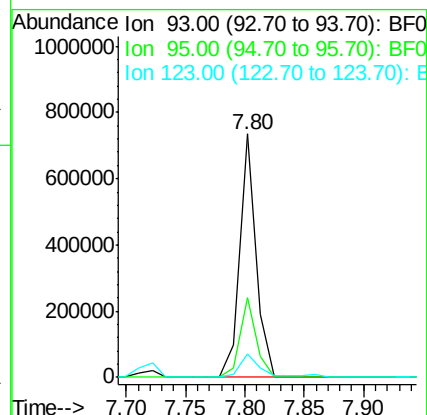
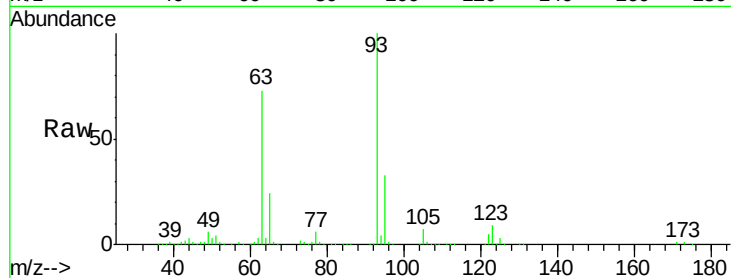
Tot Ion: 93 Resp: 704554

Ion Ratio Lower Upper

93 100

95 32.7 26.6 40.0

123 9.4 9.7 14.5#



#29

2,4-Dichlorophenol

Concen: 40.31 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.08 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

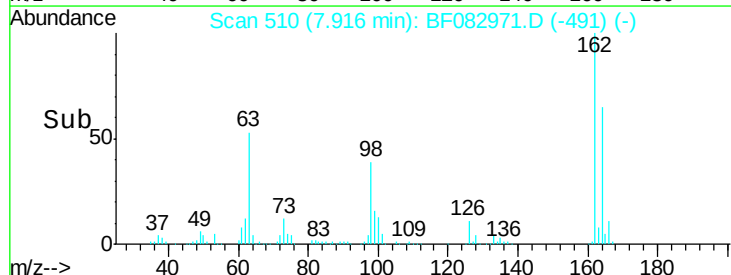
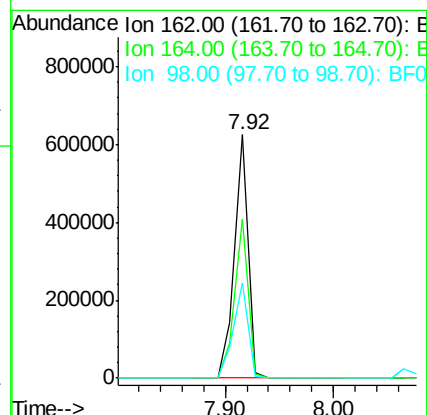
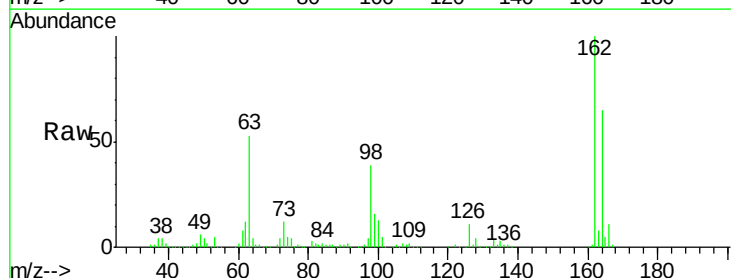
Tgt Ion: 162 Resp: 541640

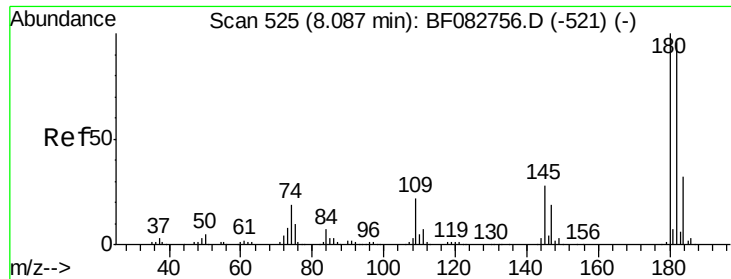
Ion Ratio Lower Upper

162 100

164 65.4 46.8 86.8

98 39.0 12.5 52.5

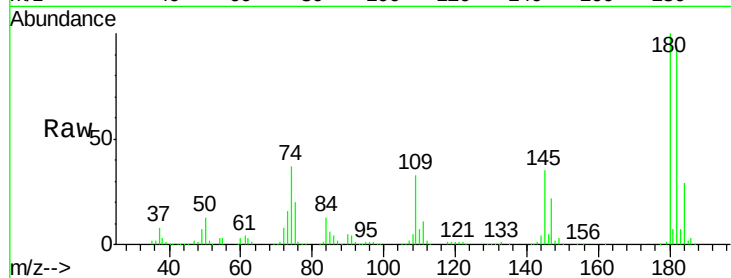




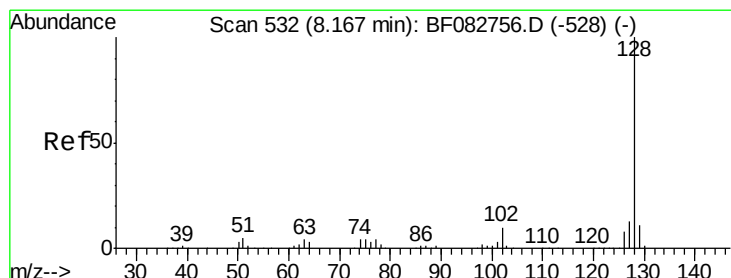
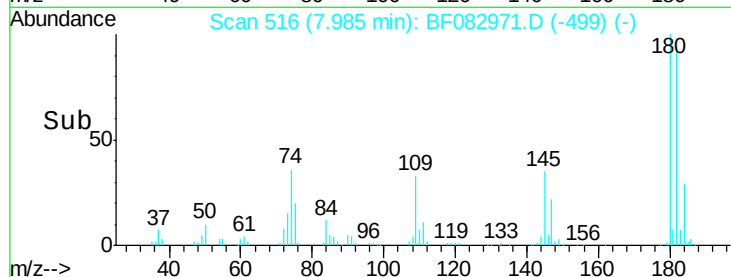
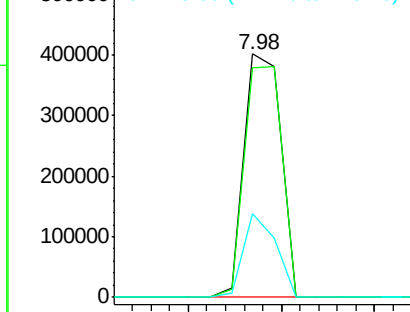
#30
 1,2,4-Trichlorobenzene
 Concen: 36.28 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.10 min
 Lab File: BF082971.D
 Acq: 17 Nov 2015 17:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 548356
 Ion Ratio Lower Upper
 180 100
 182 94.5 74.9 112.3
 145 34.5 27.8 41.8

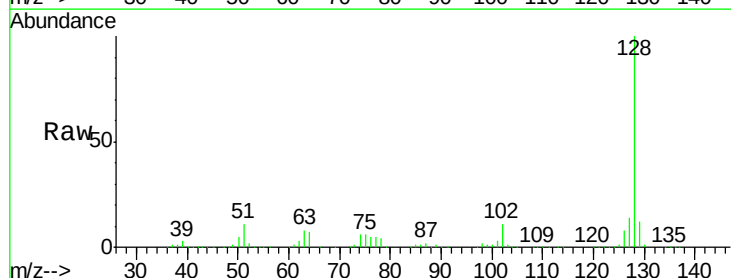


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

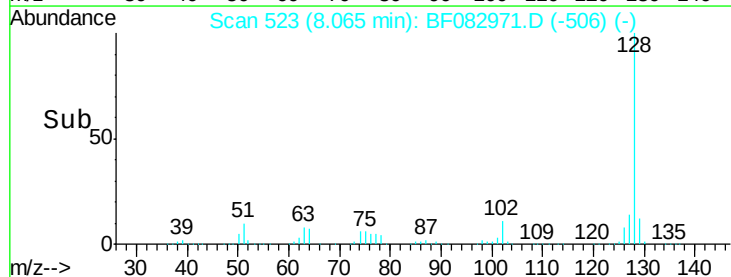
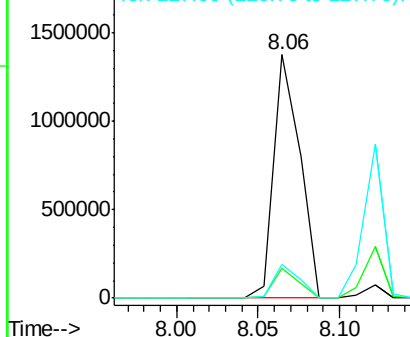


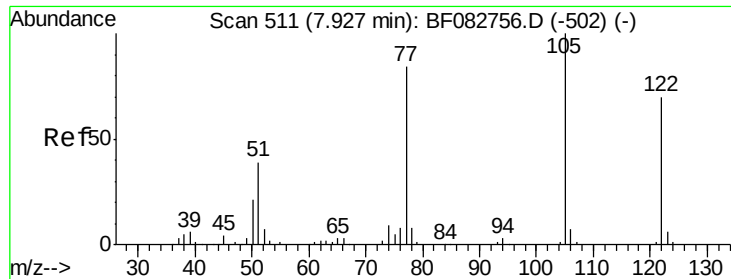
#31
 Naphthalene
 Concen: 33.18 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.10 min
 Lab File: BF082971.D
 Acq: 17 Nov 2015 17:34

Tgt Ion:128 Resp: 1544342
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.5 14.3
 127 13.8 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 31.71 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.07 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Instrument :

BNA_F

ClientSampleId :

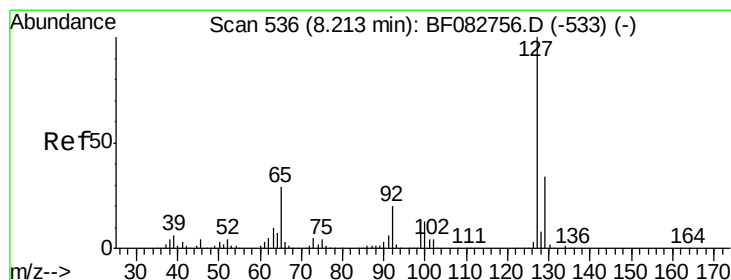
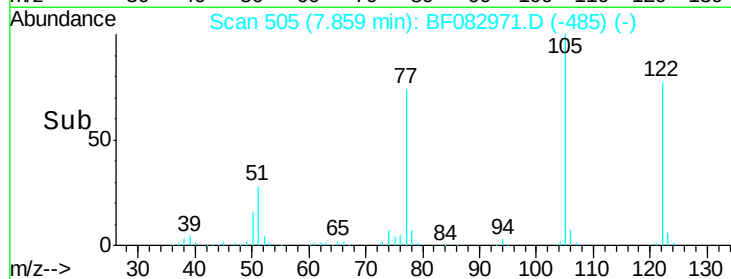
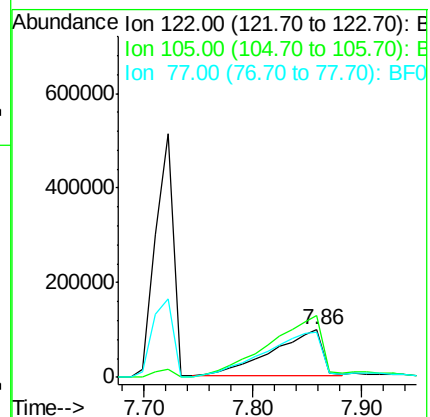
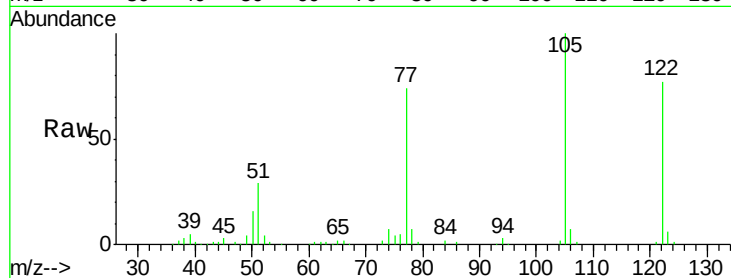
Tot Ion:122 Resp: 322800

Ion Ratio Lower Upper

122 100

105 130.5 122.6 162.6

77 96.2 100.9 140.9#



#33

4-Chloroaniline

Concen: 37.58 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.09 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Tgt Ion:127 Resp: 753777

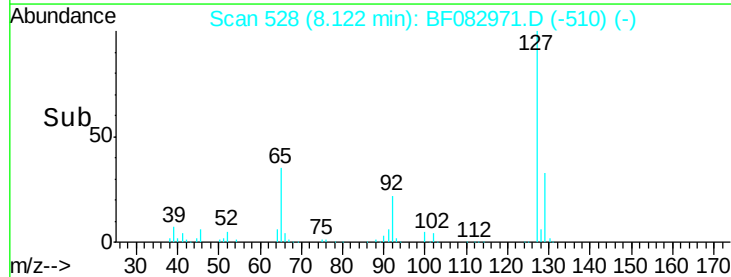
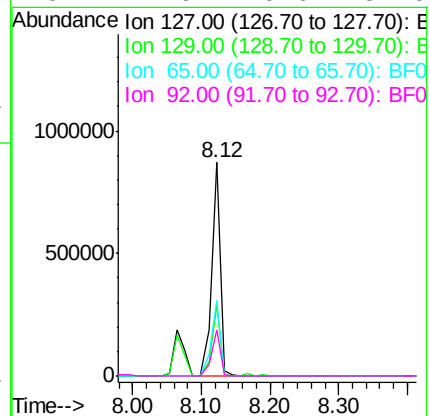
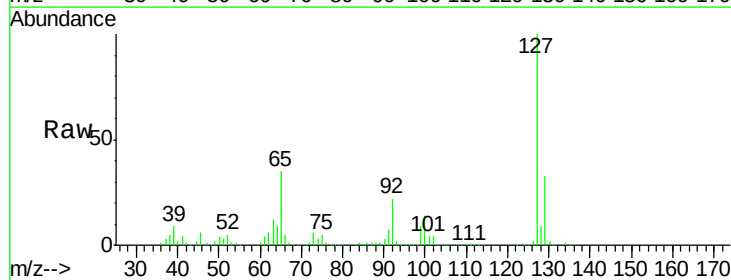
Ion Ratio Lower Upper

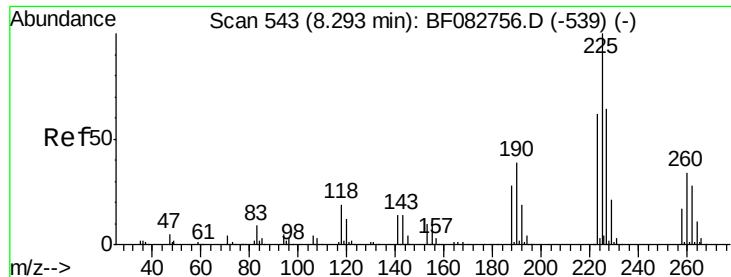
127 100

129 33.2 26.3 39.5

65 35.4 37.8 56.8#

92 21.9 20.6 31.0





#34

Hexachlorobutadiene

Concen: 34.04 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.10 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Instrument :

BNA_F

ClientSampled :

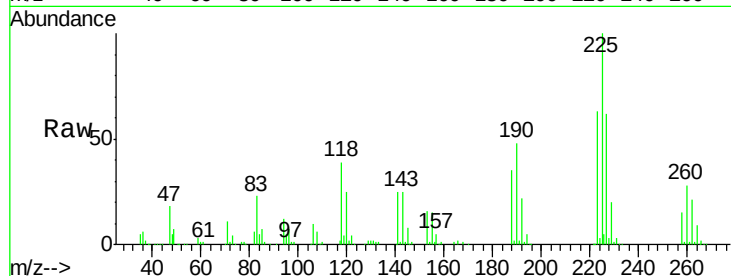
Tot Ion:225 Resp: 321920

Ion Ratio Lower Upper

225 100

223 63.1 50.5 75.7

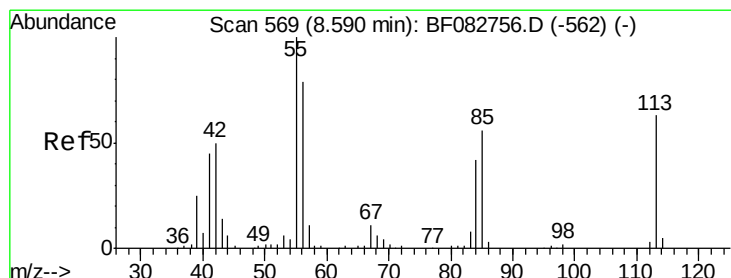
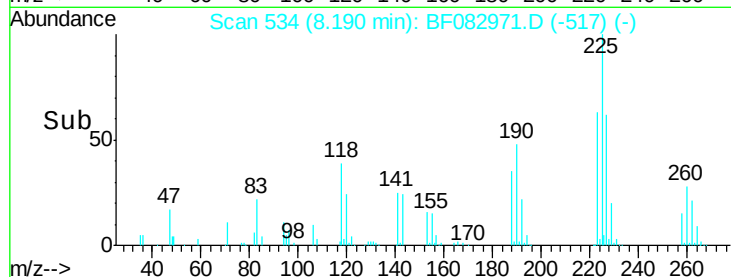
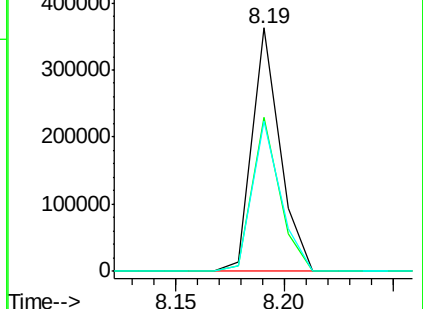
227 61.8 50.2 75.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 38.29 ng

RT: 8.51 min Scan# 562

Delta R.T. -0.08 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

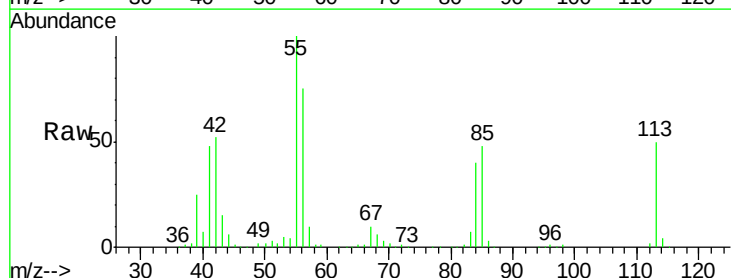
Tgt Ion:113 Resp: 162234

Ion Ratio Lower Upper

113 100

55 200.0 195.5 235.5

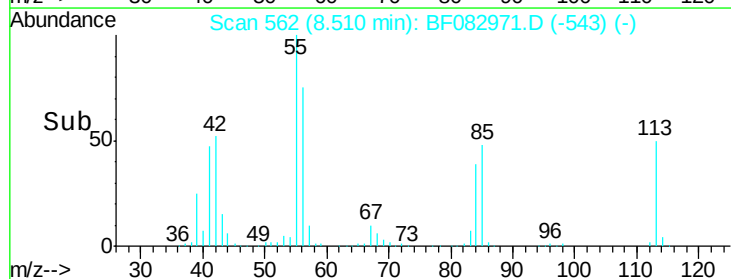
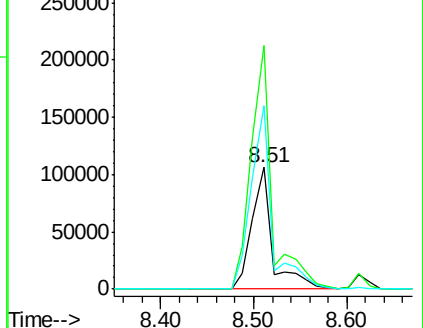
56 150.3 153.5 193.5#

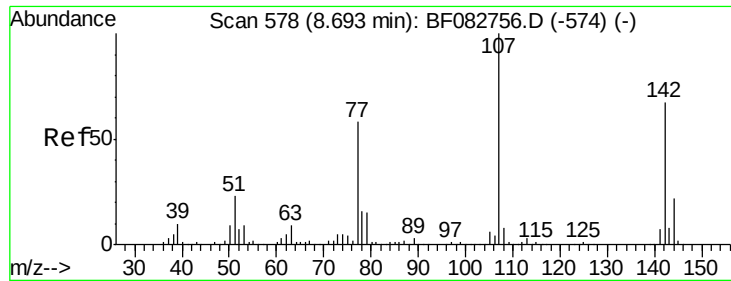


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

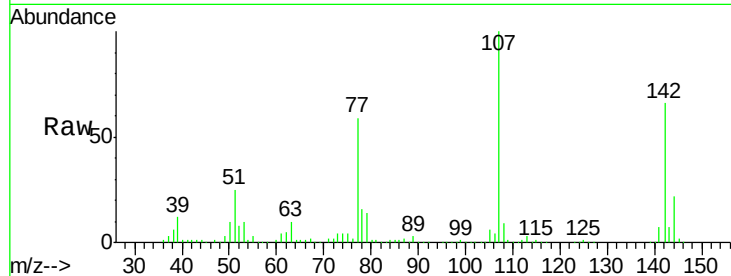




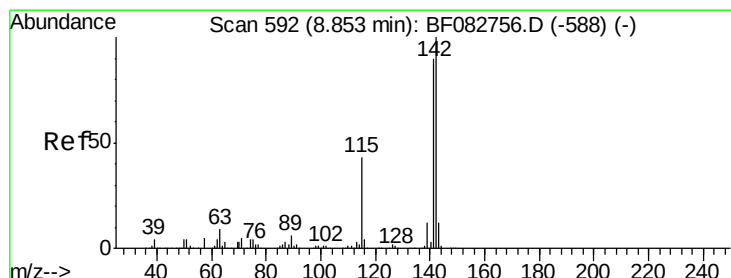
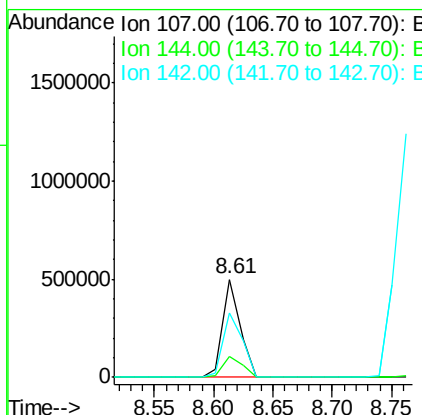
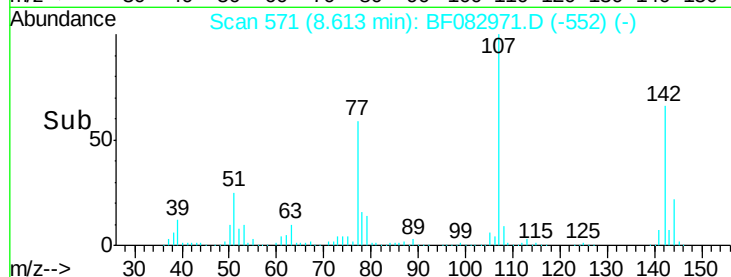
#36
4-Chloro-3-methylphenol
Concen: 32.33 ng
RT: 8.61 min Scan# 571
Delta R.T. -0.08 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 510911
Ion Ratio Lower Upper
107 100
144 21.6 15.4 23.0
142 66.2 47.8 71.8

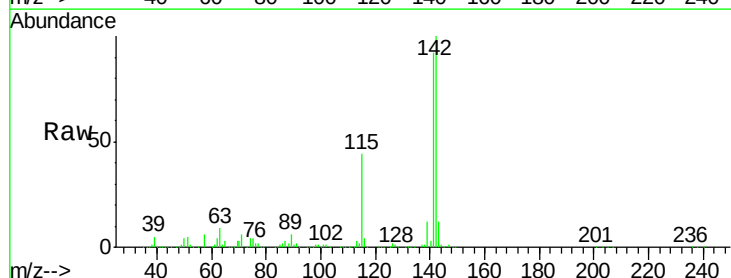


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

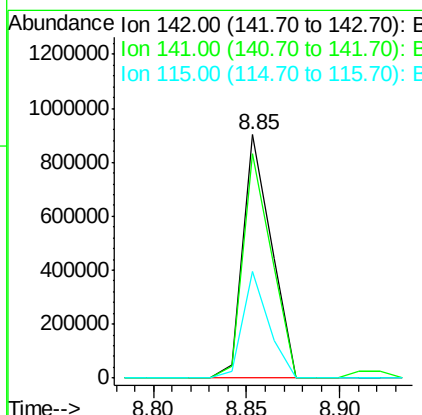
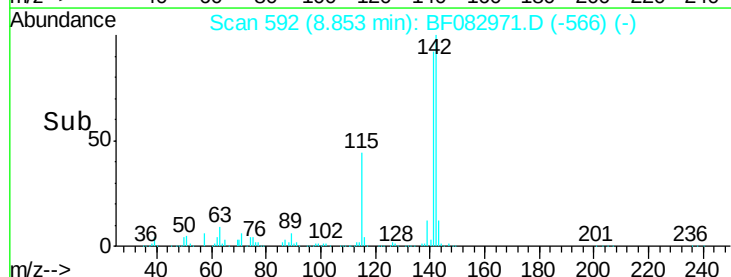


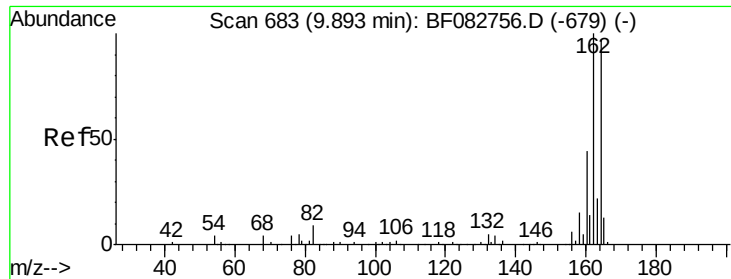
#37
2-Methylnaphthalene
Concen: 31.79 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Tgt Ion:142 Resp: 957105
Ion Ratio Lower Upper
142 100
141 92.0 72.3 108.5
115 43.6 38.1 57.1



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: 9.80 min Scan# 675

Delta R.T. -0.09 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Instrument :

BNA_F

ClientSampleId :

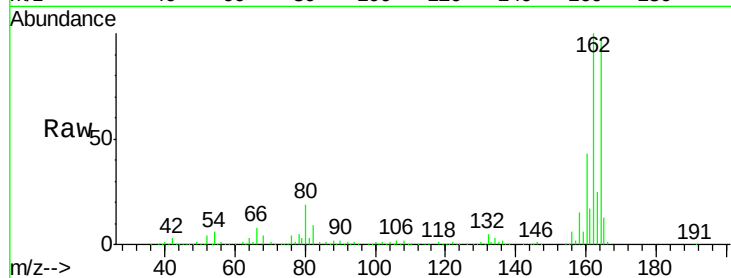
Tot Ion:164 Resp: 436576

Ion Ratio Lower Upper

164 100

162 102.6 84.9 127.3

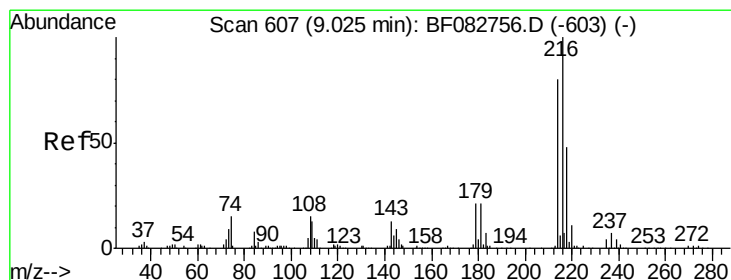
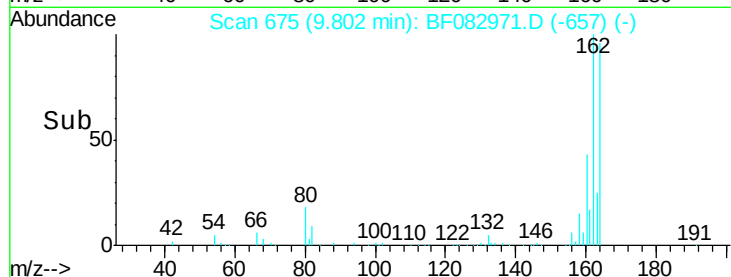
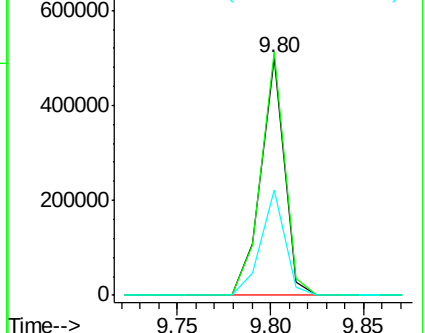
160 44.3 37.5 56.3



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: 34.46 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.09 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Tgt Ion:216 Resp: 494347

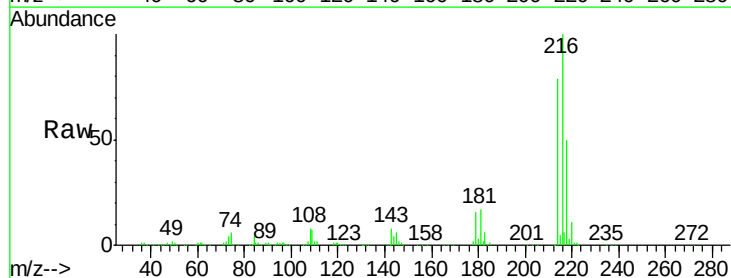
Ion Ratio Lower Upper

216 100

214 79.8 62.2 93.2

179 20.6 18.1 27.1

108 19.3 16.6 25.0

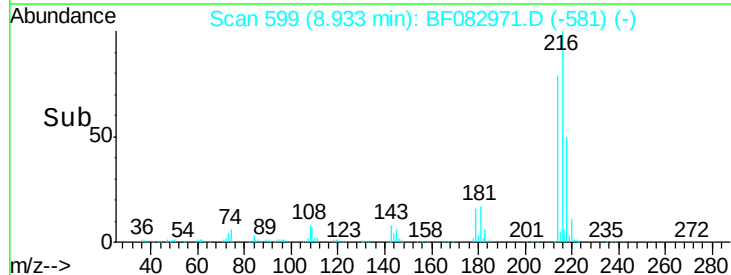
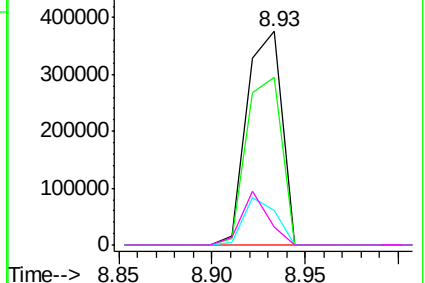


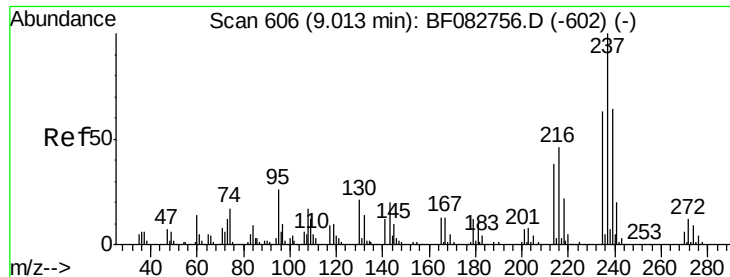
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

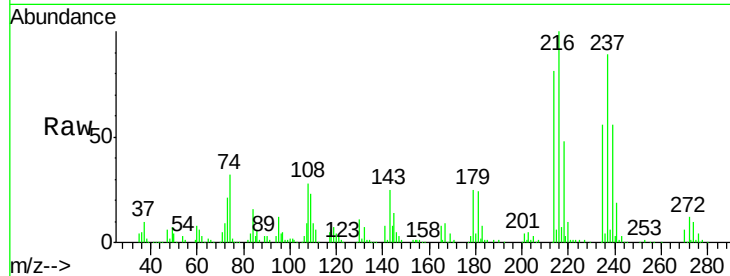




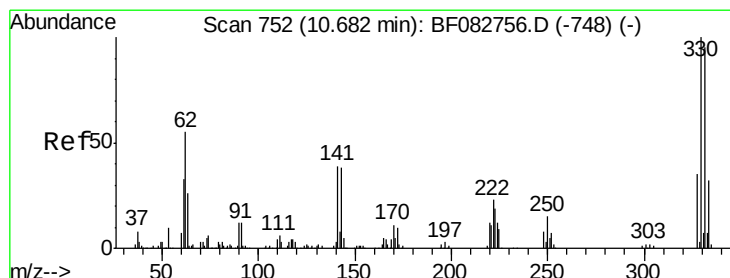
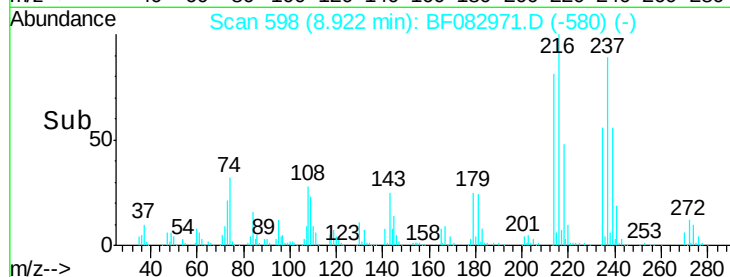
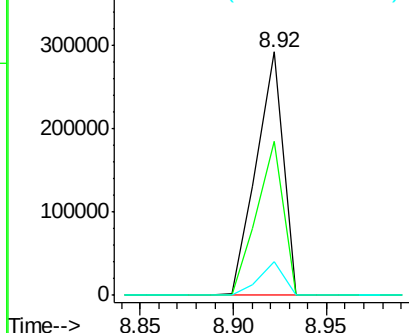
#40
Hexachlorocyclopentadiene
Concen: 37.94 ng
RT: 8.92 min Scan# 598
Delta R.T. -0.09 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
237	100	292395		
235	63.0		44.3	84.3
272	13.7		0.0	31.9

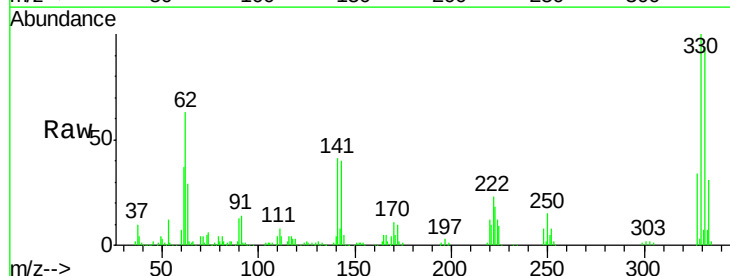


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

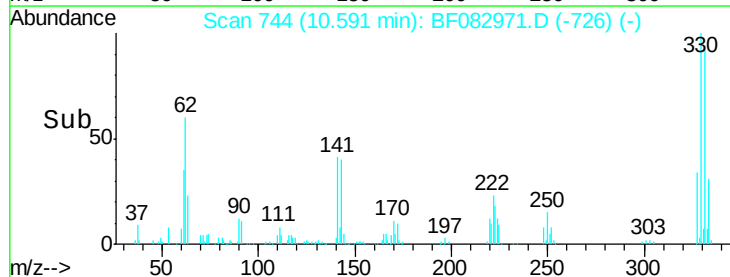
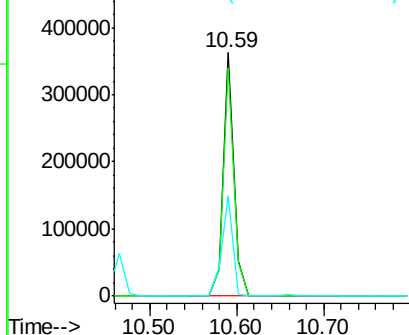


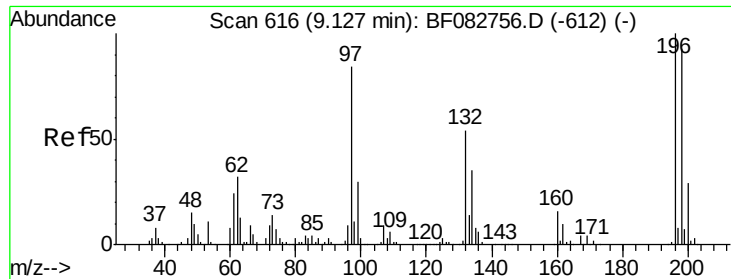
#41
2,4,6-Tribromophenol
Concen: 63.13 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.09 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	316032		
332	94.1		76.6	114.8
141	42.6		41.2	61.8



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

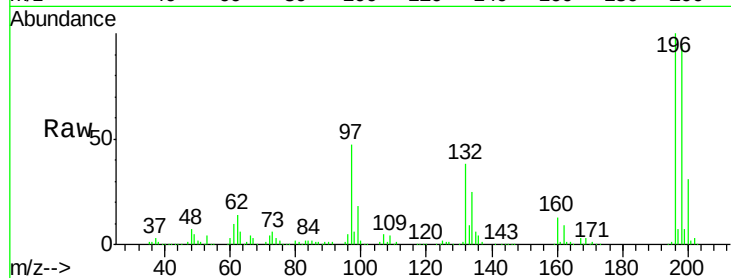




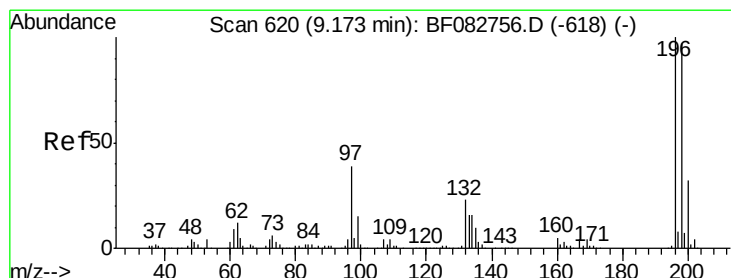
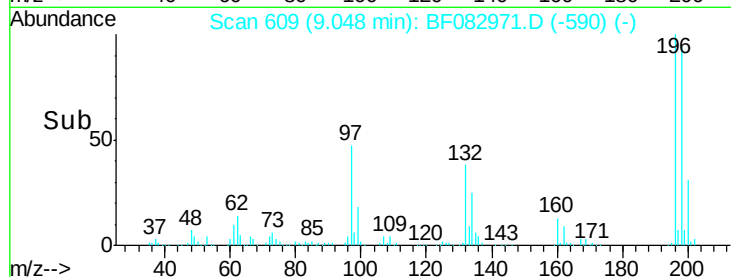
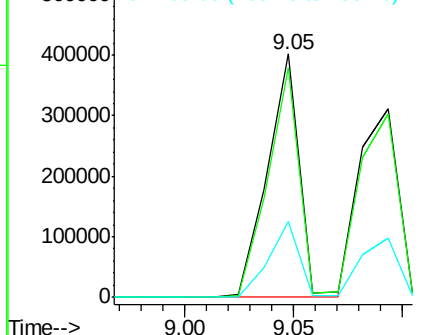
#42
 2,4,6-Trichlorophenol
 Concen: 38.46 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.08 min
 Lab File: BF082971.D
 Acq: 17 Nov 2015 17:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 411824
 Ion Ratio Lower Upper
 196 100
 198 94.3 76.3 114.5
 200 31.0 23.9 35.9

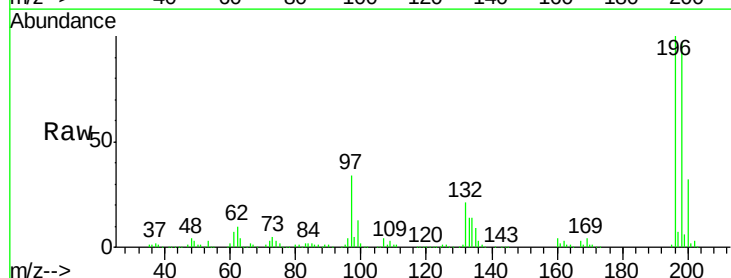


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

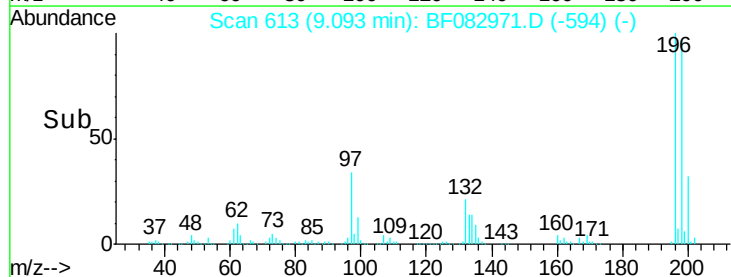
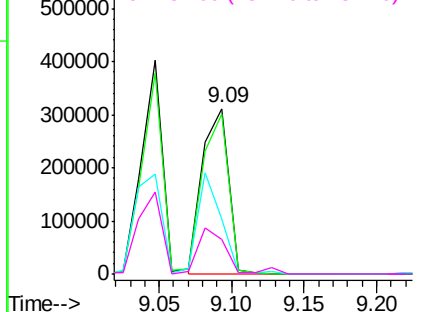


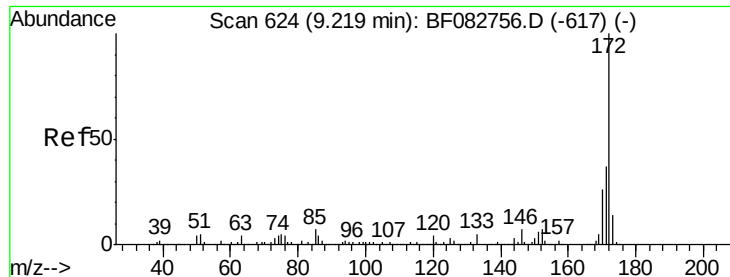
#43
 2,4,5-Trichlorophenol
 Concen: 36.94 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.08 min
 Lab File: BF082971.D
 Acq: 17 Nov 2015 17:34

Tgt Ion:196 Resp: 391222
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.8 113.8
 97 33.5 62.3 93.5#
 132 21.1 27.4 41.2#



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





#44

2-Fluorobiphenyl

Concen: 65.09 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.09 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Instrument :

BNA_F

ClientSampled :

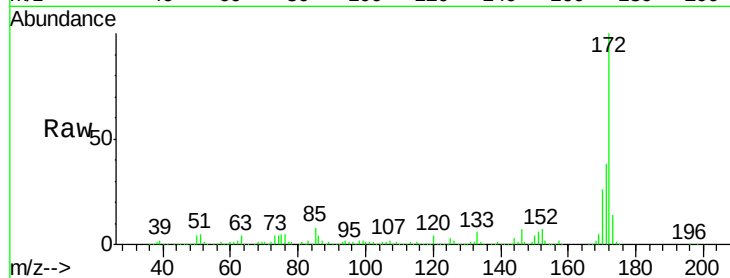
Tot Ion:172 Resp: 1982721

Ion Ratio Lower Upper

172 100

171 37.7 30.8 46.2

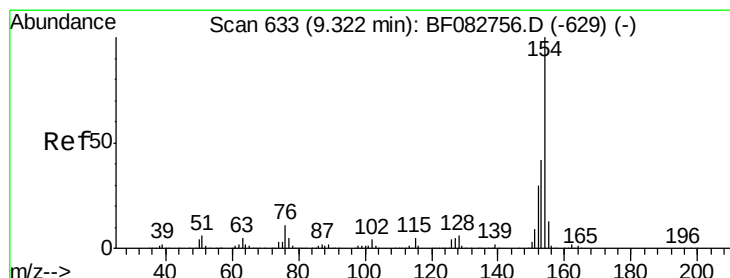
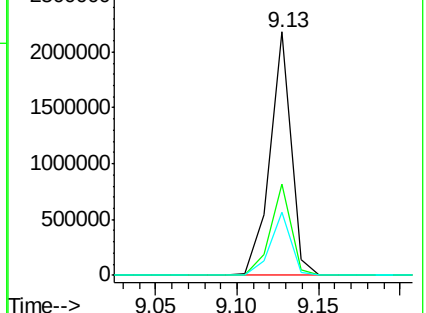
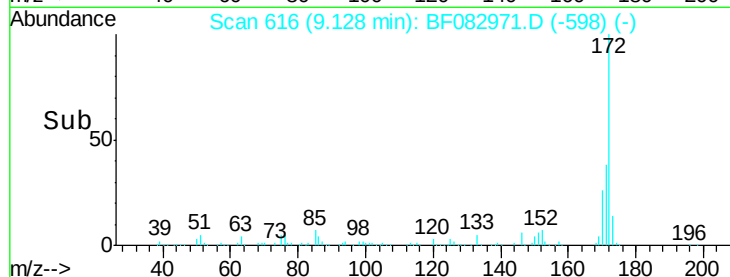
170 25.8 21.2 31.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 38.51 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.09 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

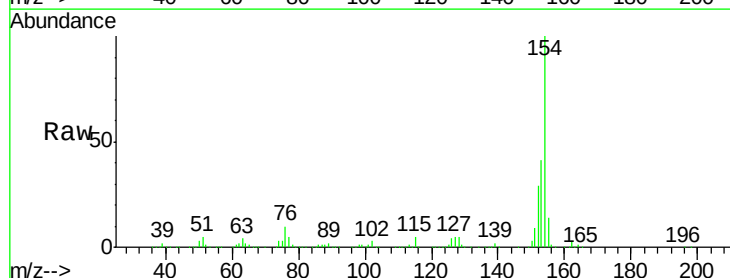
Tgt Ion:154 Resp: 1442665

Ion Ratio Lower Upper

154 100

153 41.3 22.0 62.0

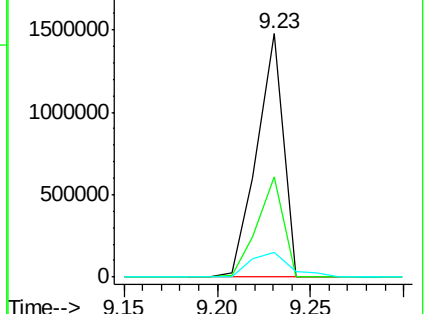
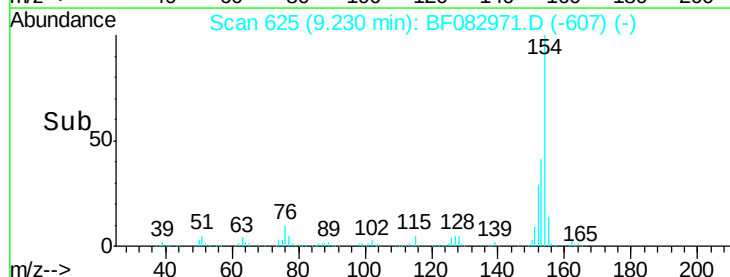
76 10.1 0.0 29.0

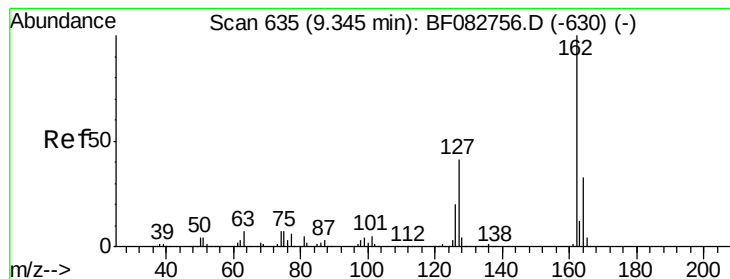


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#46

2-Chloronaphthalene

Concen: 37.60 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.09 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Instrument :

BNA_F

ClientSampleId :

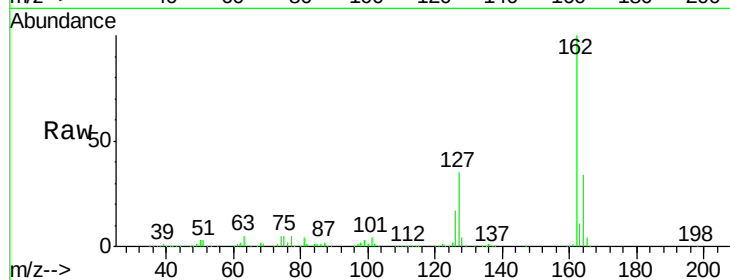
Tot Ion:162 Resp: 1098777

Ion Ratio Lower Upper

162 100

127 34.7 32.7 49.1

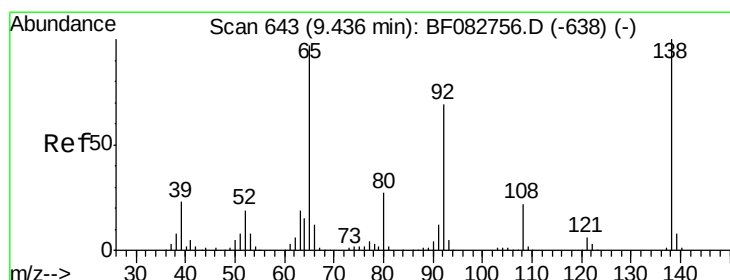
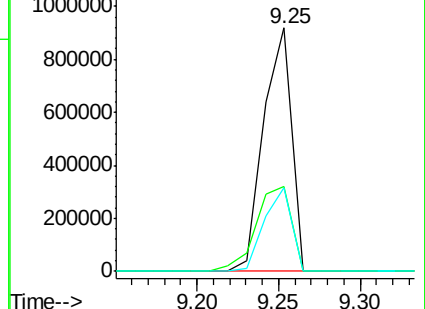
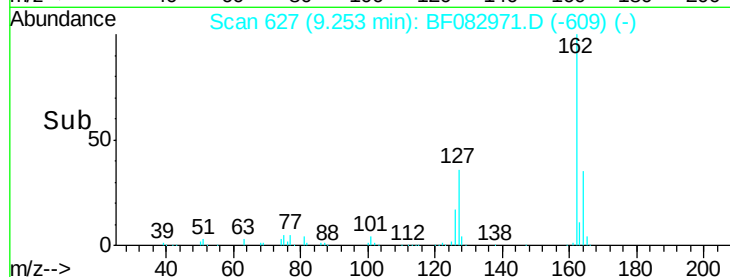
164 34.2 27.4 41.0



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: 34.53 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.09 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

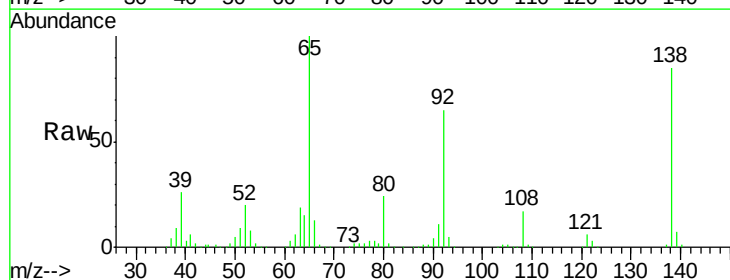
Tgt Ion: 65 Resp: 374282

Ion Ratio Lower Upper

65 100

92 64.9 46.6 70.0

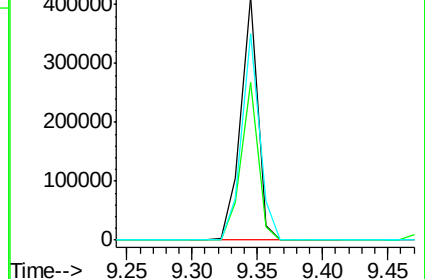
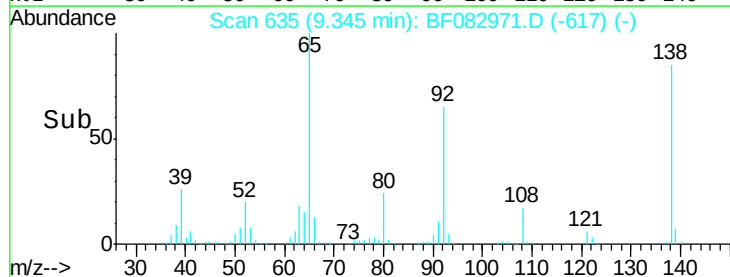
138 84.9 54.6 81.8#

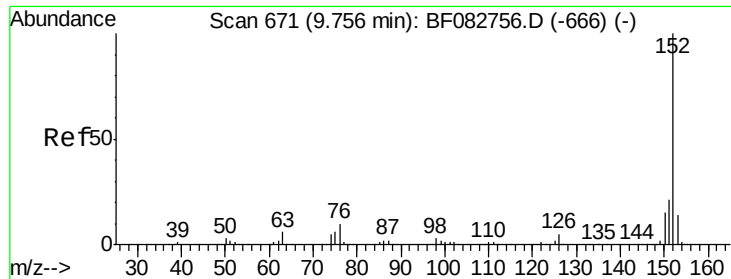


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 38.62 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.09 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Instrument :

BNA_F

ClientSampled :

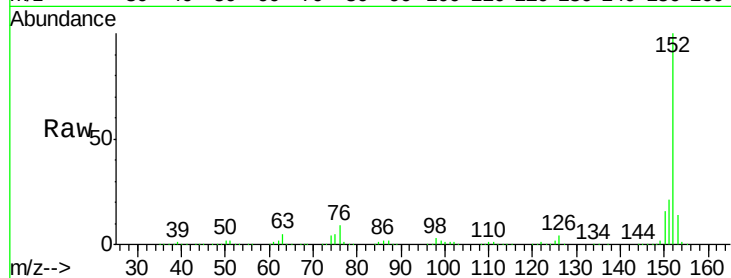
Tot Ion:152 Resp: 1768428

Ion Ratio Lower Upper

152 100

151 21.2 17.3 25.9

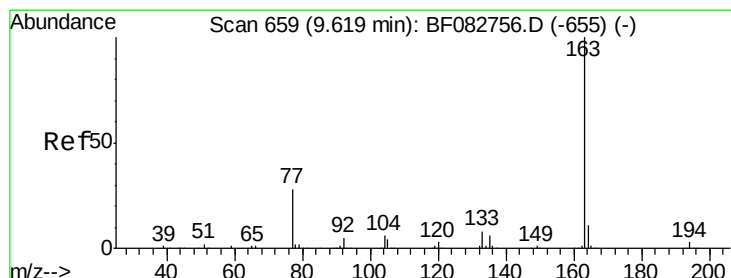
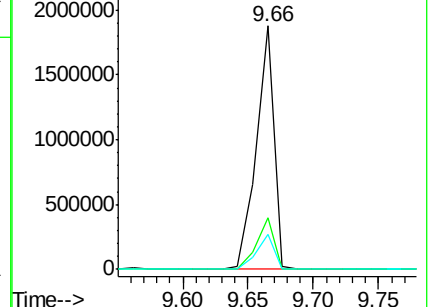
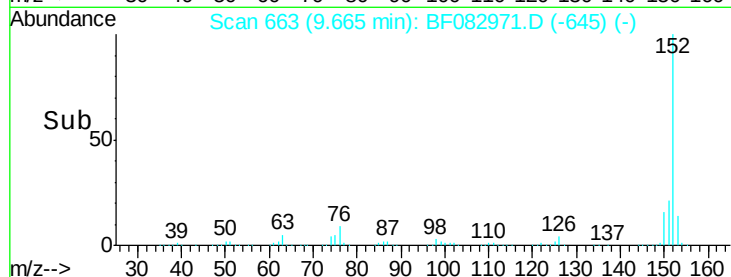
153 14.2 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 38.02 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.08 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

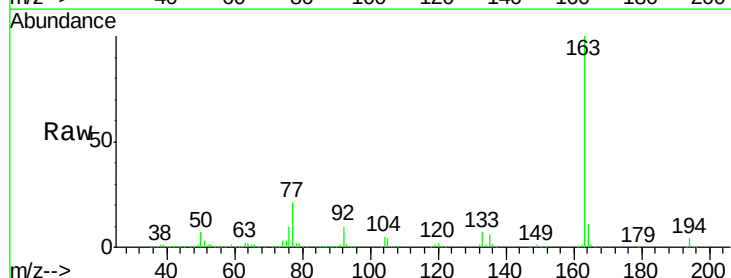
Tgt Ion:163 Resp: 1360073

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

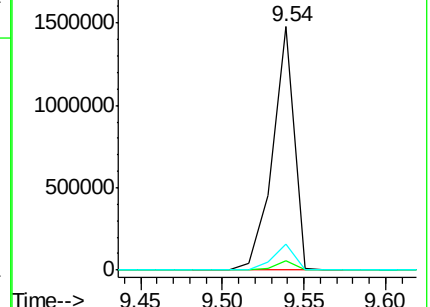
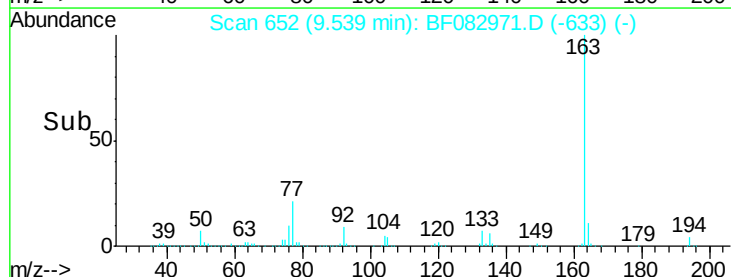
164 10.7 8.7 13.1

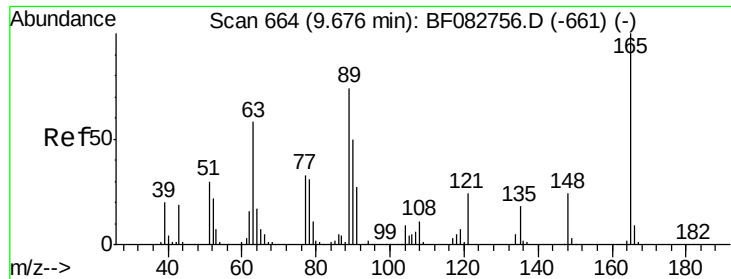


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

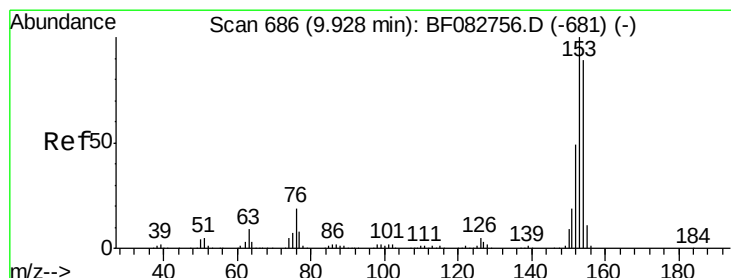
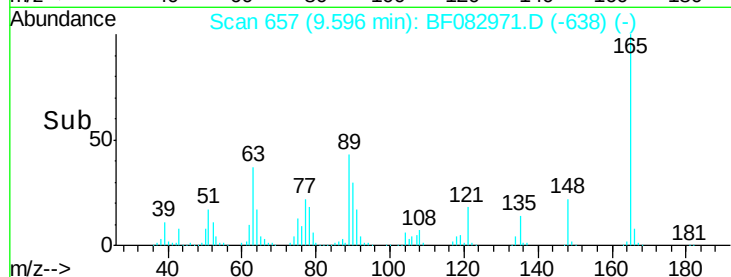
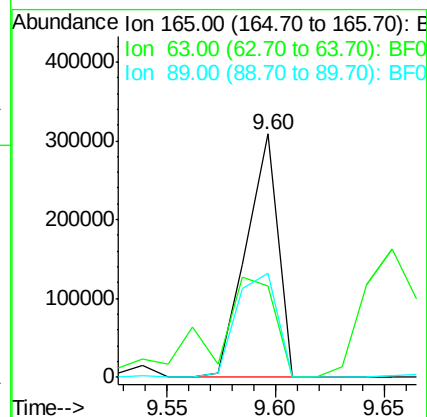
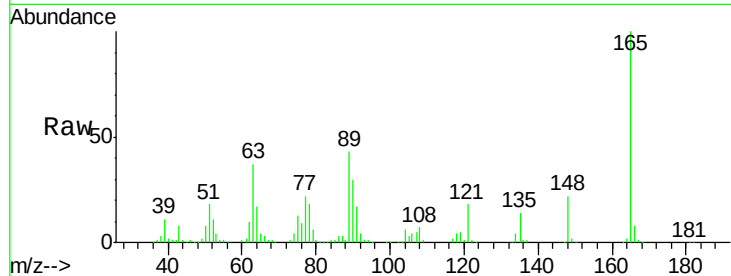




#50
 2,6-Dinitrotoluene
 Concen: 41.11 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.08 min
 Lab File: BF082971.D
 Acq: 17 Nov 2015 17:34

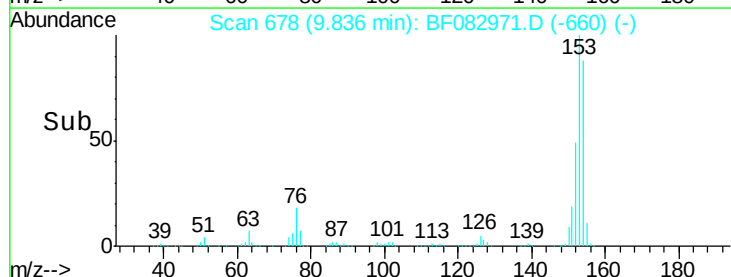
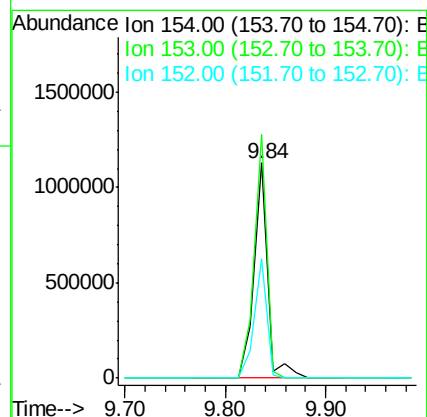
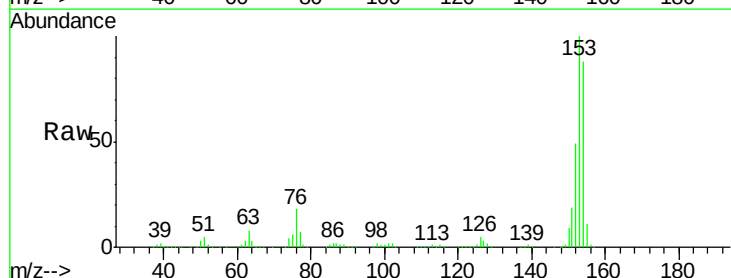
Instrument :
 BNA_F
 ClientSampleId :

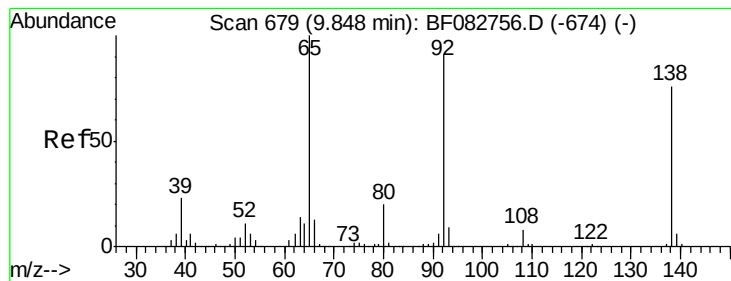
Tot Ion:165 Resp: 313723
 Ion Ratio Lower Upper
 165 100
 63 37.5 55.5 83.3#
 89 43.0 55.0 82.6#



#51
 Acenaphthene
 Concen: 36.73 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.09 min
 Lab File: BF082971.D
 Acq: 17 Nov 2015 17:34

Tgt Ion:154 Resp: 1066023
 Ion Ratio Lower Upper
 154 100
 153 113.2 90.1 135.1
 152 55.3 44.3 66.5





#52

3-Nitroaniline

Concen: 40.03 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.08 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Instrument :

BNA_F

ClientSampleId :

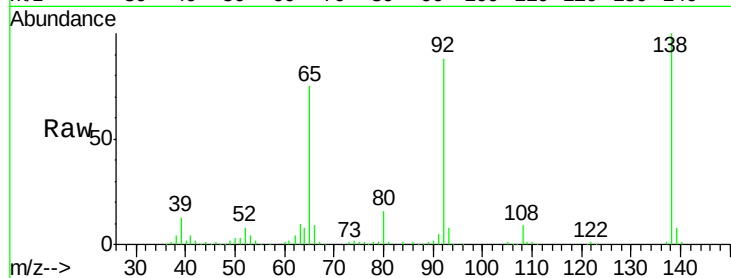
Tot Ion:138 Resp: 335974

Ion Ratio Lower Upper

138 100

108 8.6 11.3 16.9#

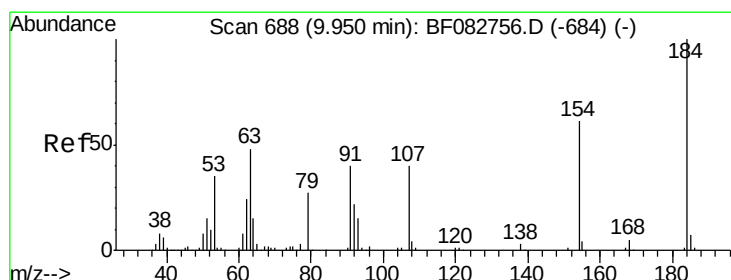
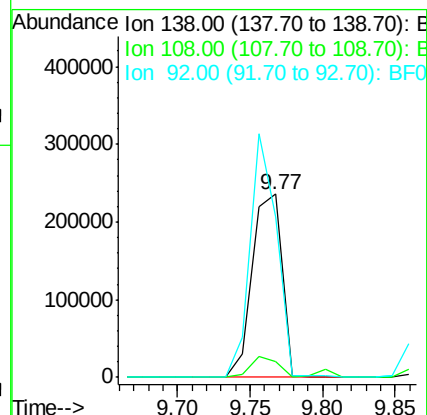
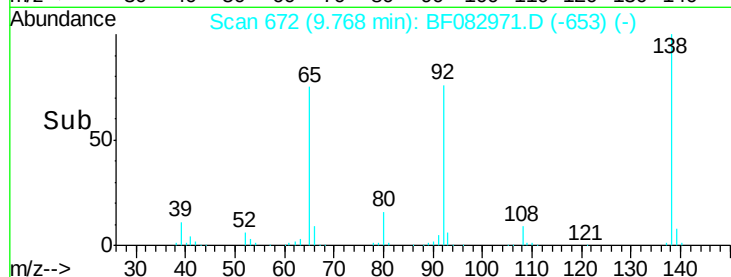
92 87.8 122.4 183.6#



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): E



#53

2,4-Dinitrophenol

Concen: 30.12 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.09 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

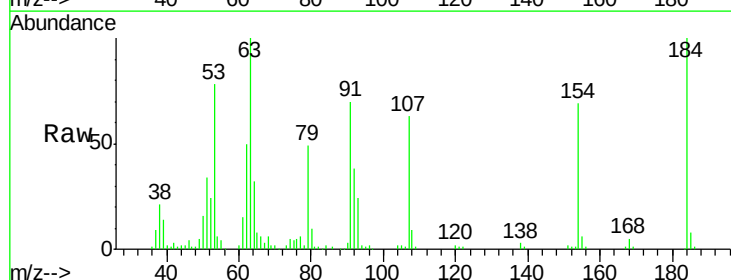
Tgt Ion:184 Resp: 126208

Ion Ratio Lower Upper

184 100

63 100.2 98.6 148.0

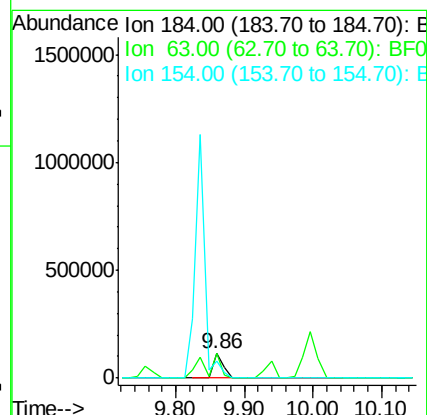
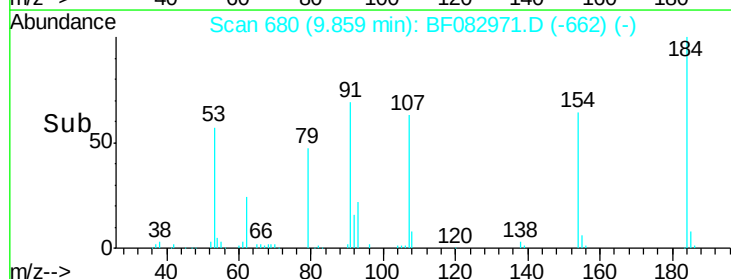
154 69.1 183.9 275.9#

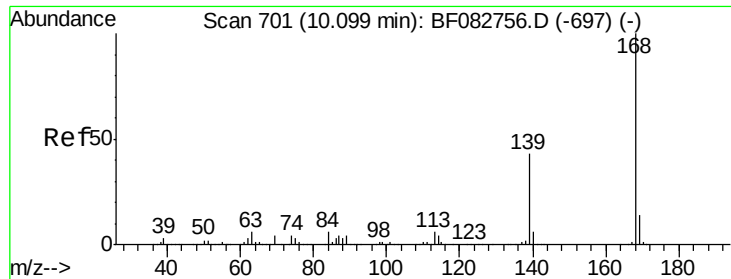


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

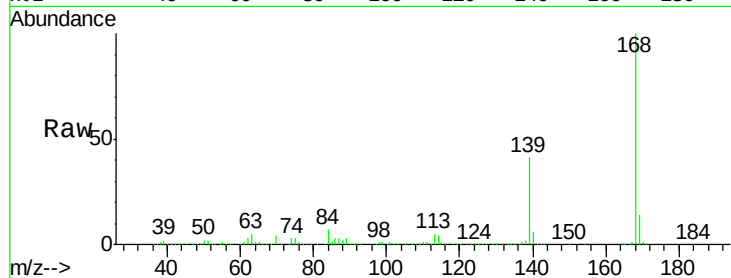




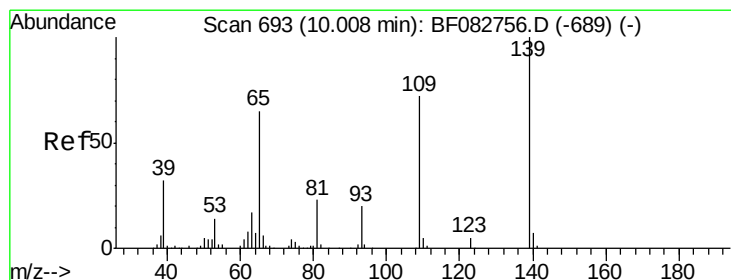
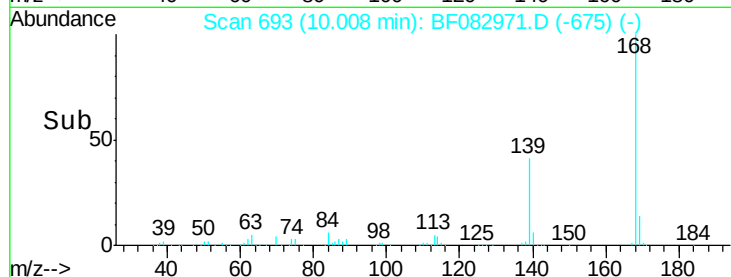
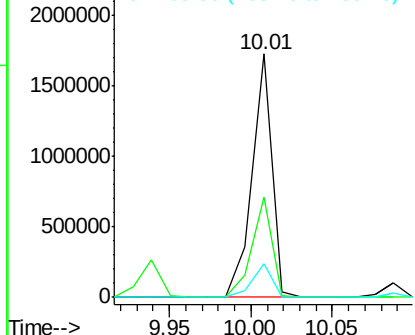
#54
Dibenzofuran
Concen: 37.45 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.09 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1465350
Ion Ratio Lower Upper
168 100
139 41.4 37.8 56.6
169 14.0 11.3 16.9

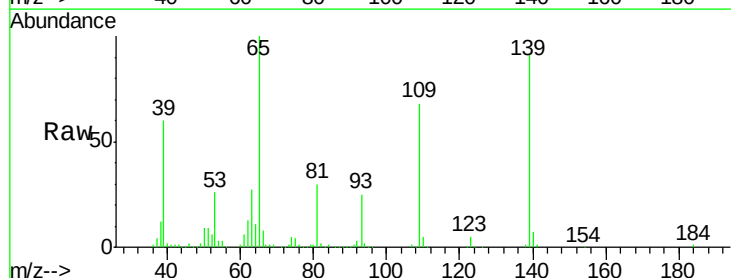


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

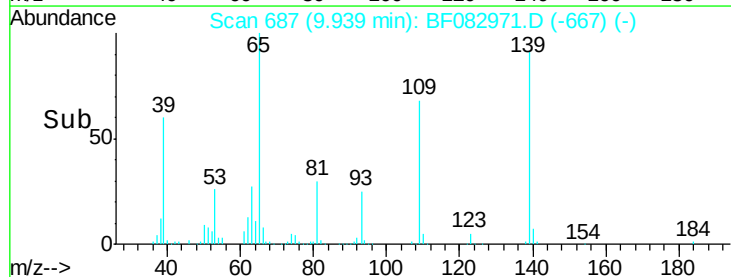
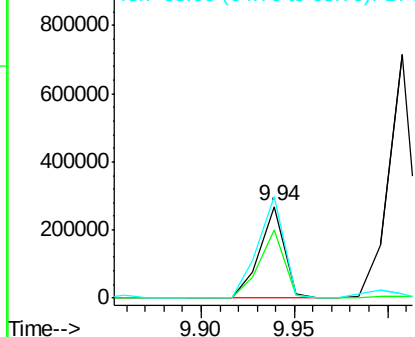


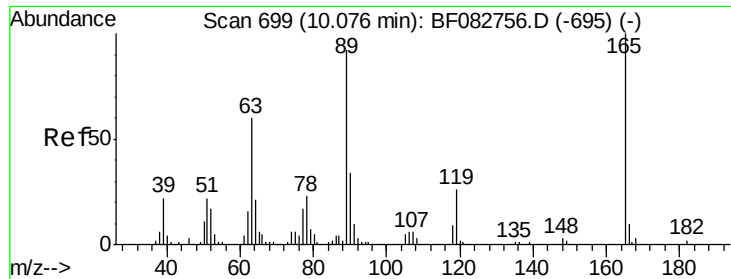
#55
4-Nitrophenol
Concen: 38.67 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Tgt Ion:139 Resp: 249008
Ion Ratio Lower Upper
139 100
109 74.9 73.7 113.7
65 110.4 82.9 122.9



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

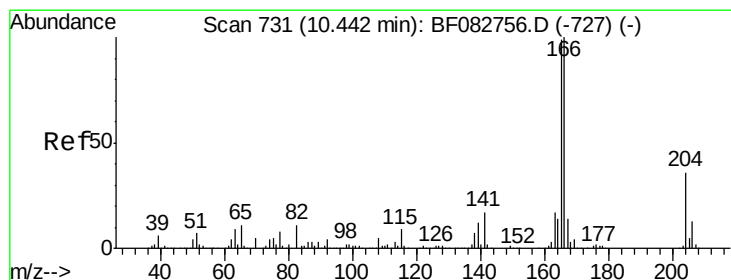
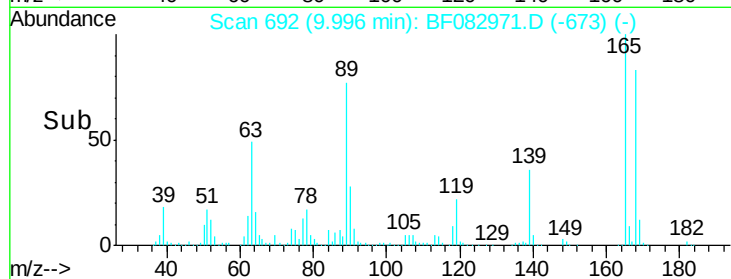
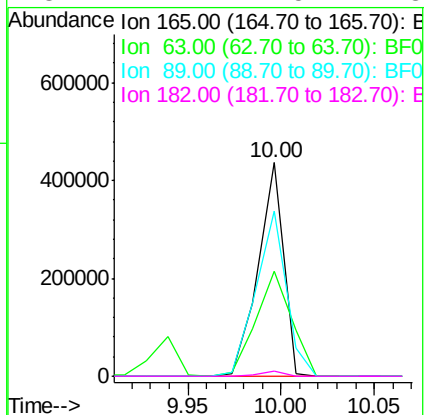
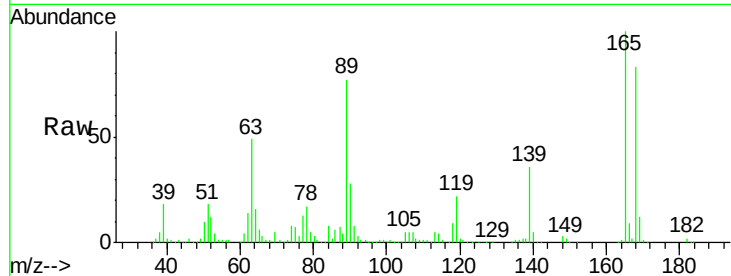




#56
2,4-Dinitrotoluene
Concen: 39.48 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.08 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

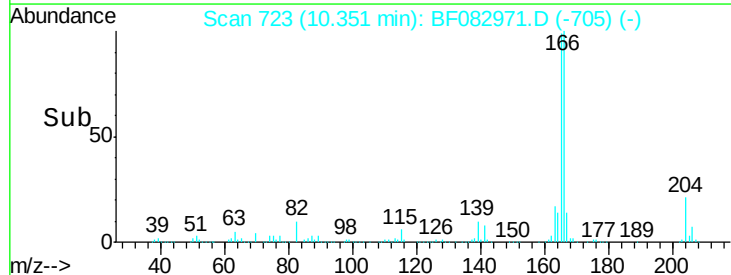
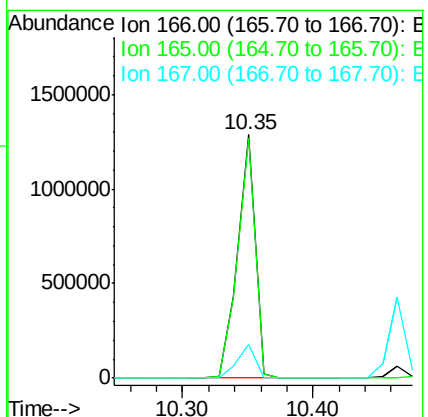
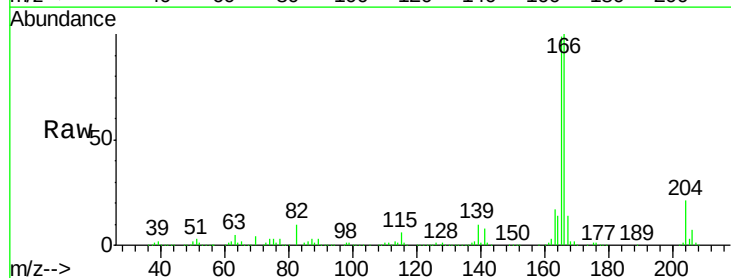
Instrument :
BNA_F
ClientSampleId :

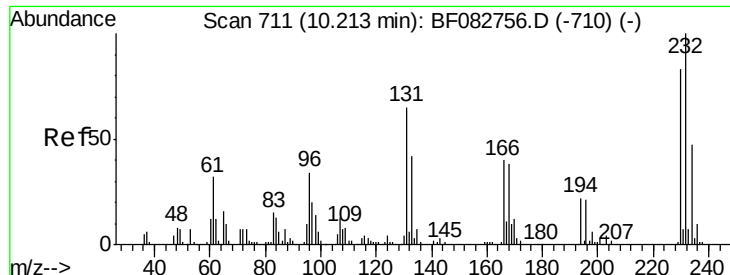
Tot Ion:165 Resp: 408821
Ion Ratio Lower Upper
165 100
63 49.4 43.4 65.0
89 77.3 70.6 106.0
182 2.4 1.5 2.3#



#57
Fluorene
Concen: 37.88 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.09 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Tgt Ion:166 Resp: 1200380
Ion Ratio Lower Upper
166 100
165 98.6 80.2 120.4
167 13.7 11.2 16.8

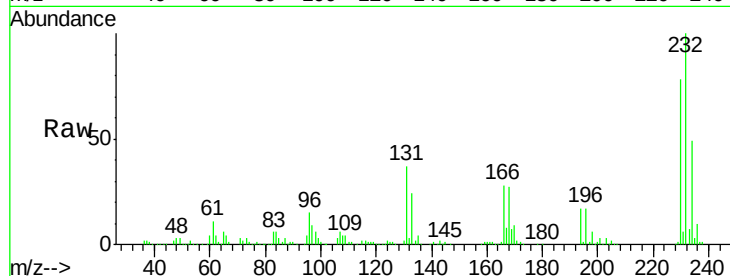




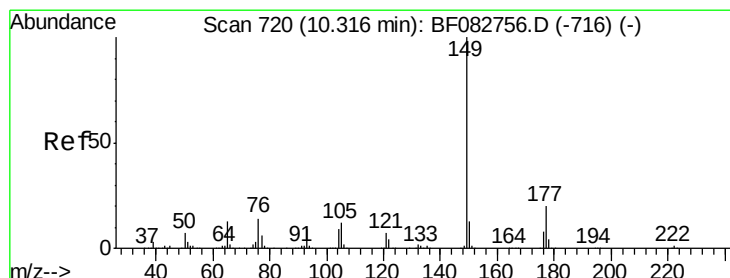
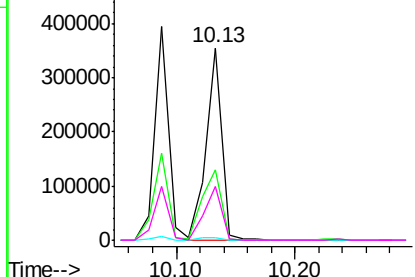
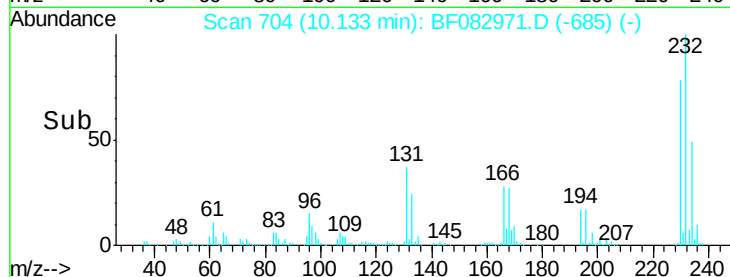
#58
2,3,4,6-Tetrachlorophenol
Concen: 37.79 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.08 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 326683
Ion Ratio Lower Upper
232 100
131 45.5 46.2 69.2#
130 2.1 2.4 3.6#
166 31.3 28.2 42.2

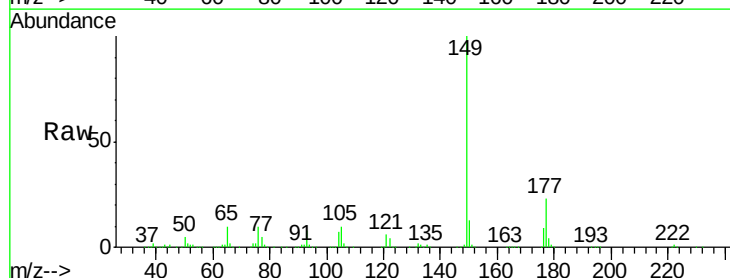


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

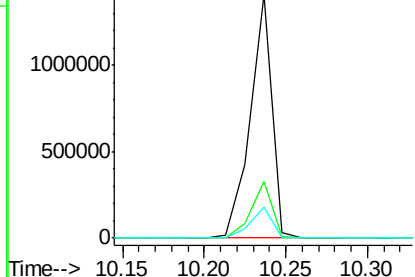
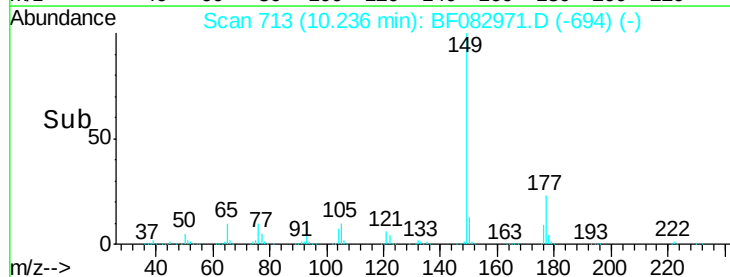


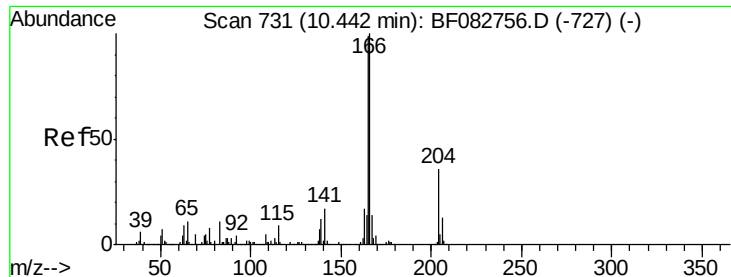
#59
Diethylphthalate
Concen: 36.98 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.08 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Tgt Ion:149 Resp: 1291436
Ion Ratio Lower Upper
149 100
177 23.1 17.9 26.9
150 13.0 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 31.24 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.10 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Instrument :

BNA_F

ClientSampleId :

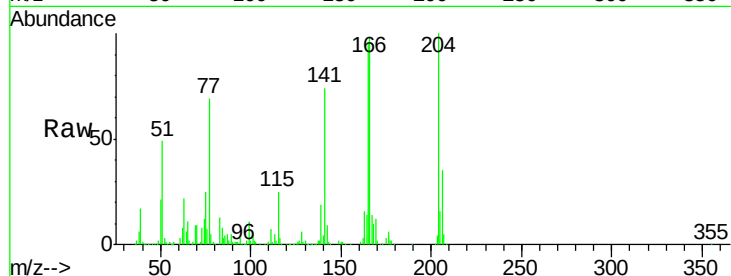
Tot Ion:204 Resp: 495437

Ion Ratio Lower Upper

204 100

206 34.8 28.5 42.7

141 73.6 44.6 66.8#



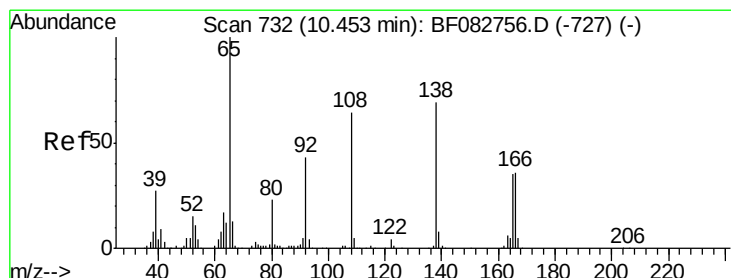
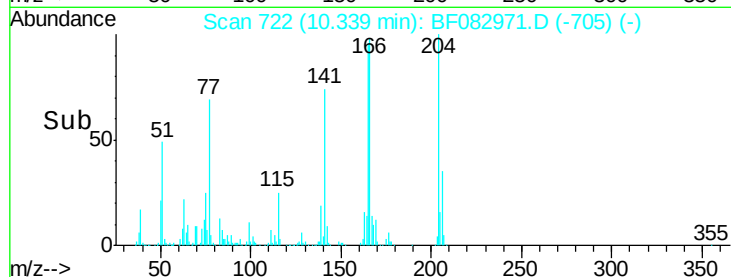
Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

10.34

Time-->



#61

4-Nitroaniline

Concen: 40.87 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.08 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

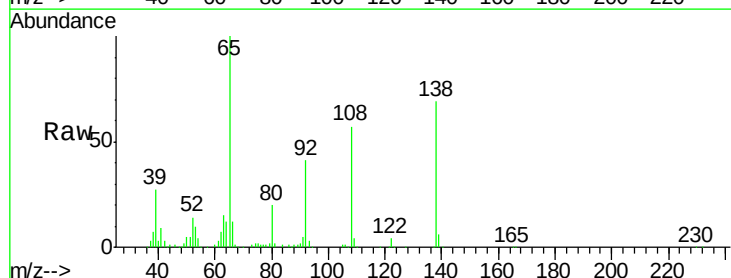
Tgt Ion:138 Resp: 345009

Ion Ratio Lower Upper

138 100

92 60.0 45.8 85.8

108 83.0 89.4 129.4#



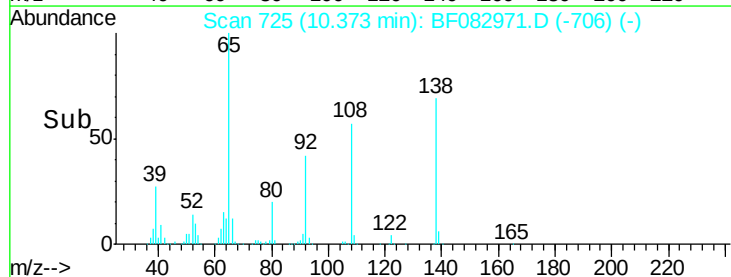
Abundance Ion 138.00 (137.70 to 138.70): E

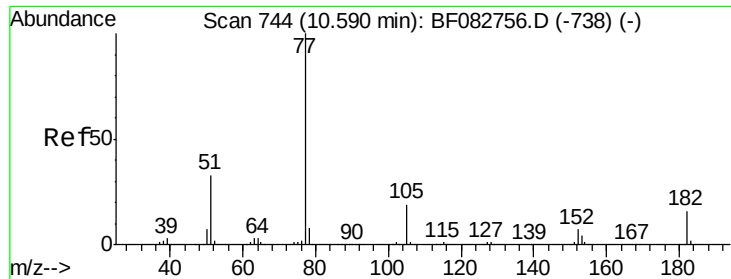
Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

10.37

Time-->





#62

Azobenzene

Concen: 36.06 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.09 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

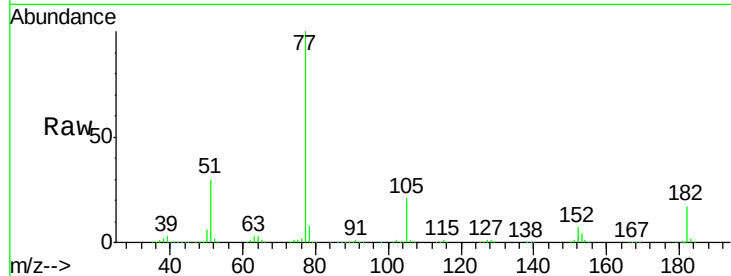
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1352747

Ion	Ratio	Lower	Upper
77	100		
182	17.0	9.3	49.3
105	20.8	2.6	42.6
51	30.2	9.9	49.9

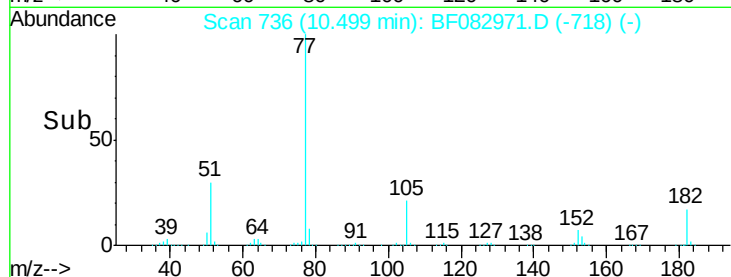


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



Time-->

10.50

1500000

1000000

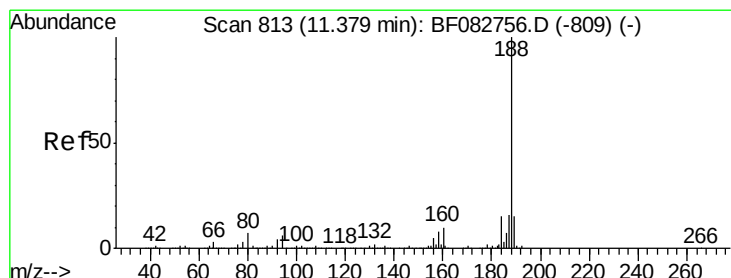
500000

0

10.40

10.50

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

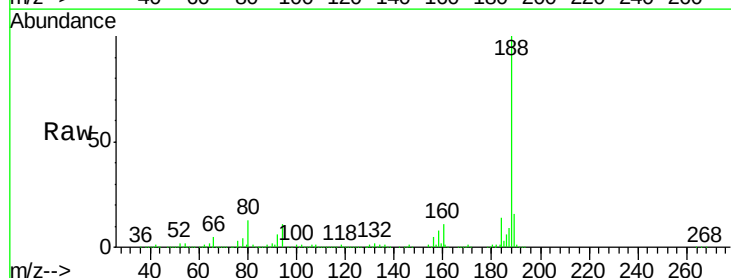
Delta R.T. -0.10 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Tgt Ion: 188 Resp: 794218

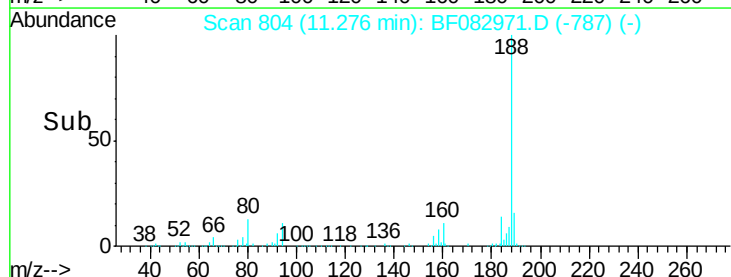
Ion	Ratio	Lower	Upper
188	100		
94	11.0	6.1	9.1#
80	12.9	7.0	10.6#



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



Time-->

11.28

1000000

800000

600000

400000

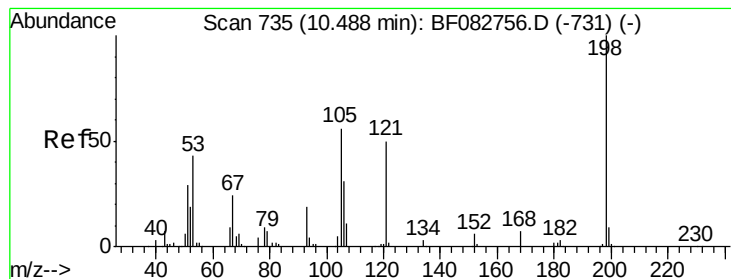
200000

0

11.25

11.30

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 40.31 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.08 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Instrument :

BNA_F

ClientSampled :

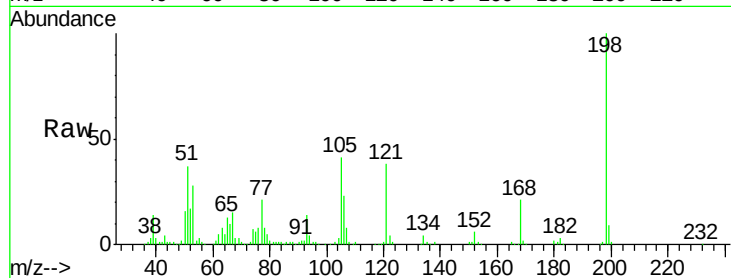
Tot Ion:198 Resp: 228083

Ion Ratio Lower Upper

198 100

51 36.9 17.3 57.3

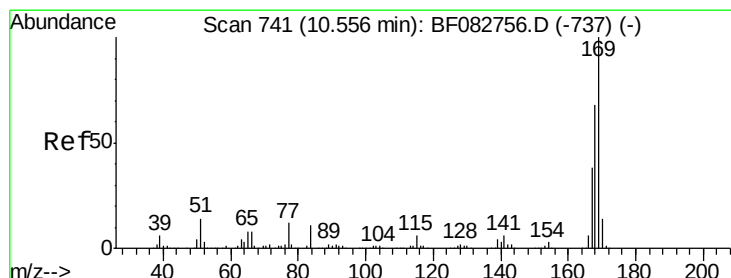
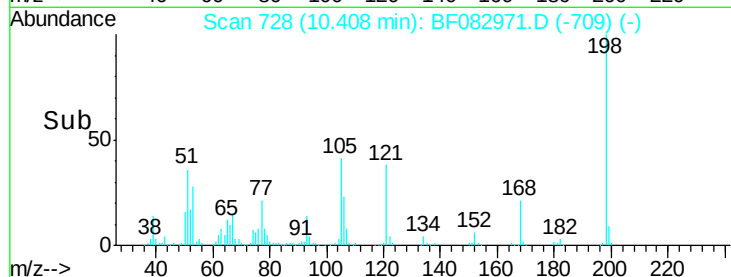
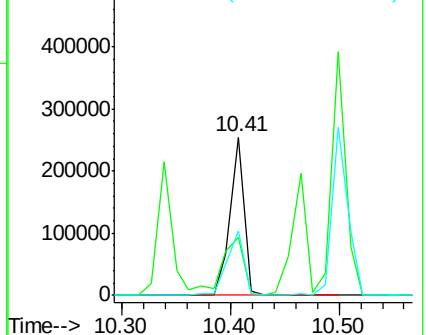
105 41.2 21.7 61.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 34.28 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.09 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

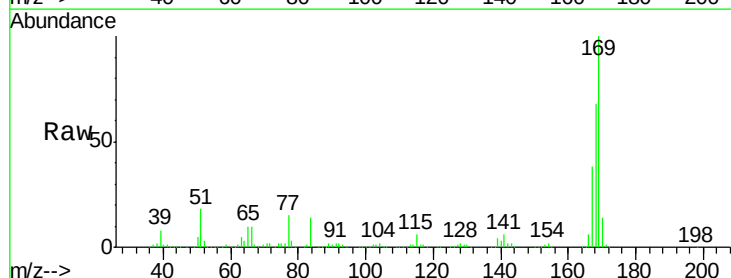
Tgt Ion:169 Resp: 983534

Ion Ratio Lower Upper

169 100

168 67.9 55.0 82.6

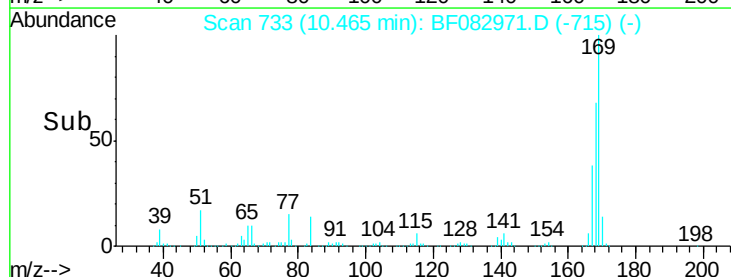
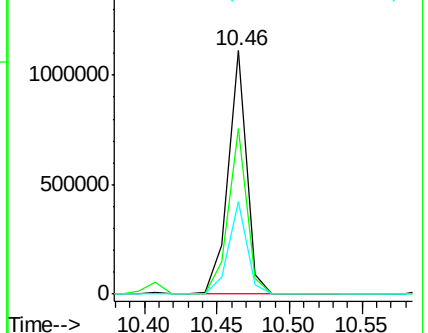
167 38.3 30.5 45.7

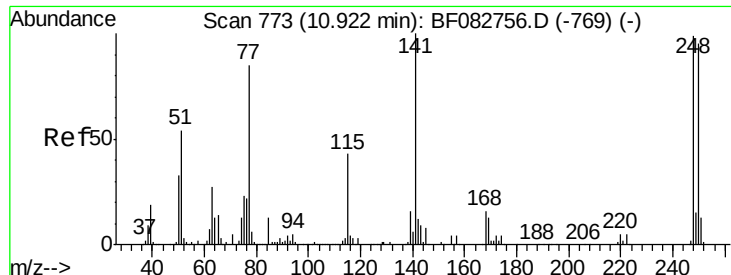


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

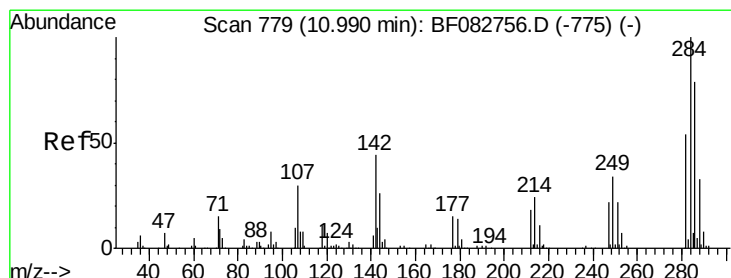
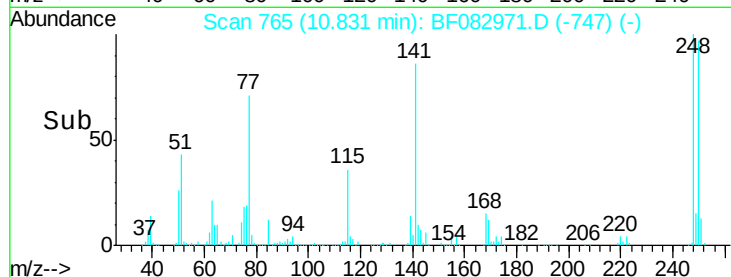
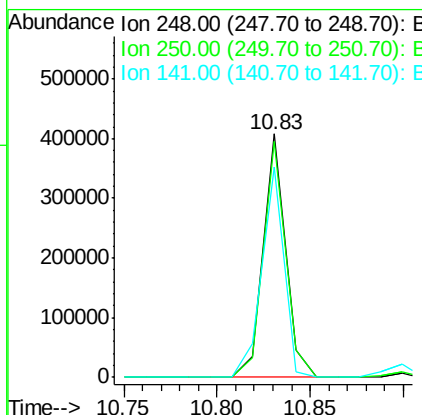
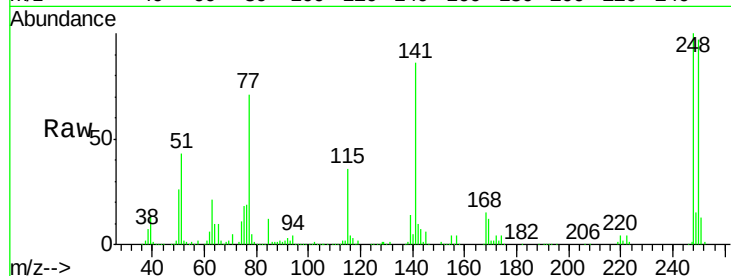




#66
4-Bromophenyl-phenylether
Concen: 35.06 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.09 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

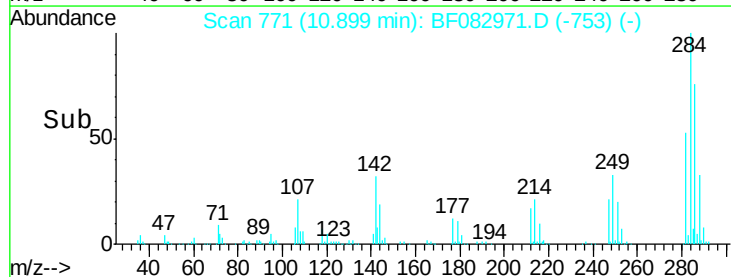
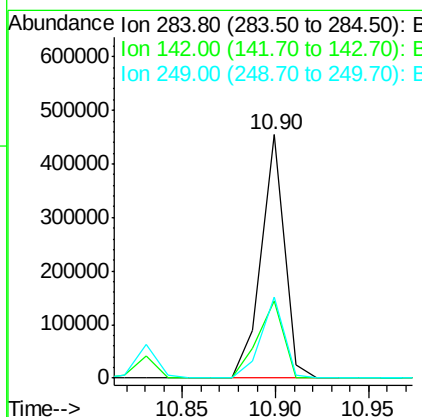
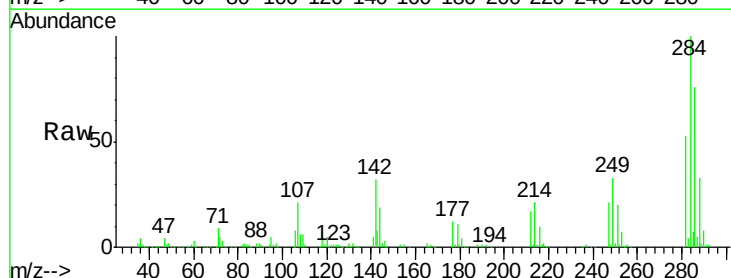
Instrument :
BNA_F
ClientSampled :

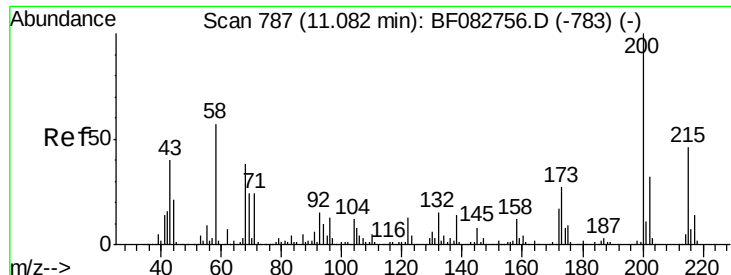
Tot Ion:248 Resp: 335255
Ion Ratio Lower Upper
248 100
250 96.9 79.4 119.2
141 86.1 36.3 54.5#



#67
Hexachlorobenzene
Concen: 36.48 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.09 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Tgt Ion:284 Resp: 389524
Ion Ratio Lower Upper
284 100
142 31.9 47.9 71.9#
249 33.4 29.7 44.5

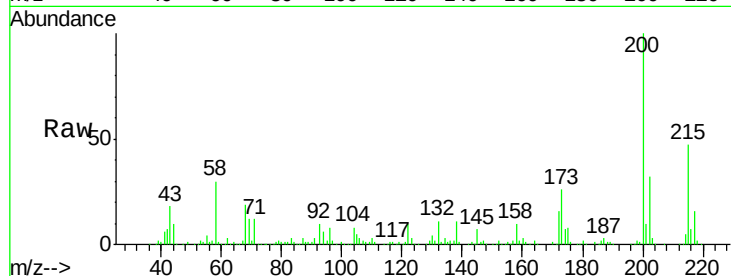




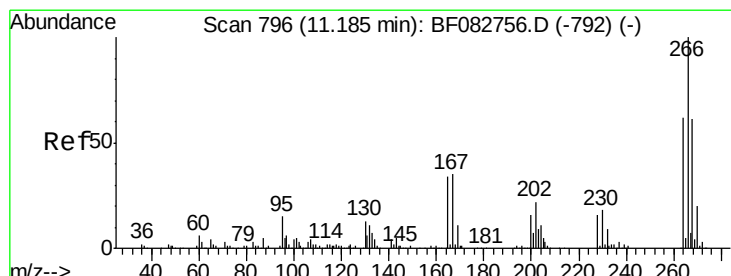
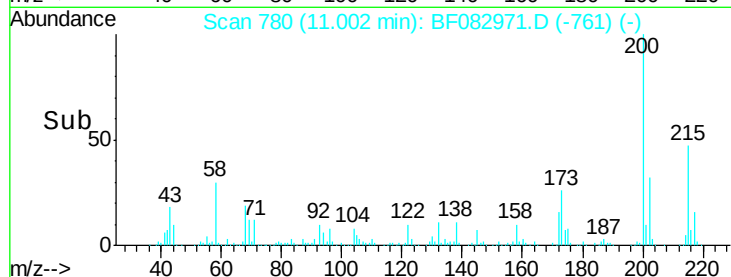
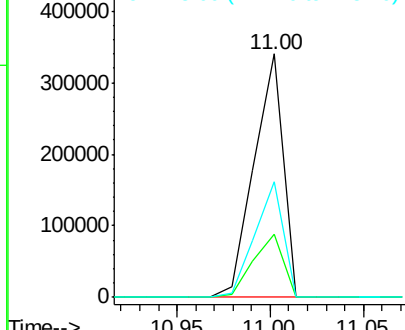
#68
Atrazine
Concen: 41.18 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.08 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 365366
Ion Ratio Lower Upper
200 100
173 25.8 6.9 46.9
215 47.5 22.9 62.9

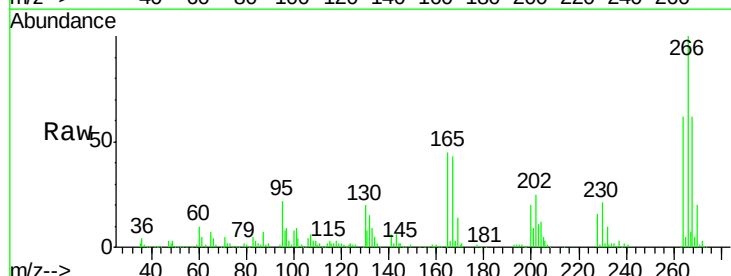


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

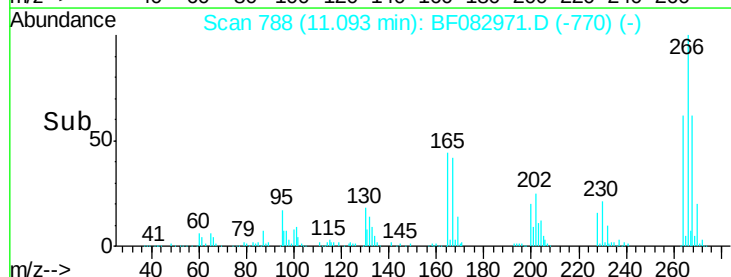
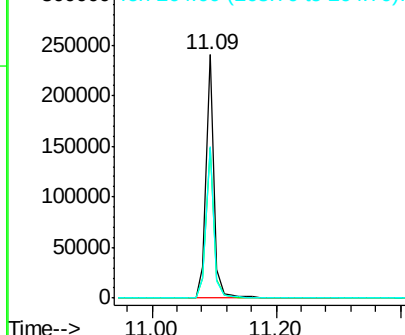


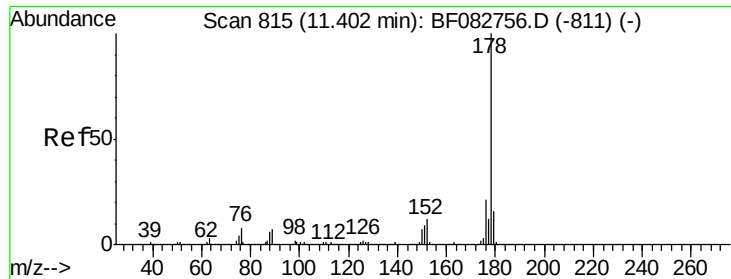
#69
Pentachlorophenol
Concen: 33.47 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.09 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Tgt Ion:266 Resp: 217049
Ion Ratio Lower Upper
266 100
268 61.8 51.0 76.6
264 62.0 50.6 75.8



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

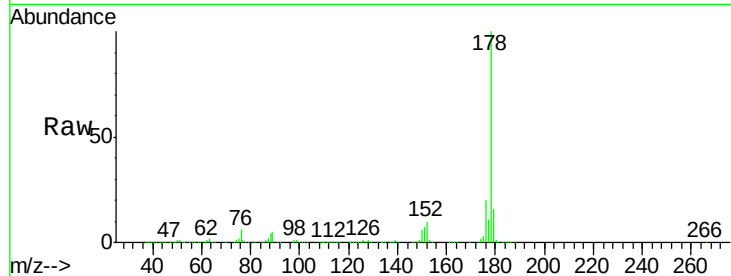




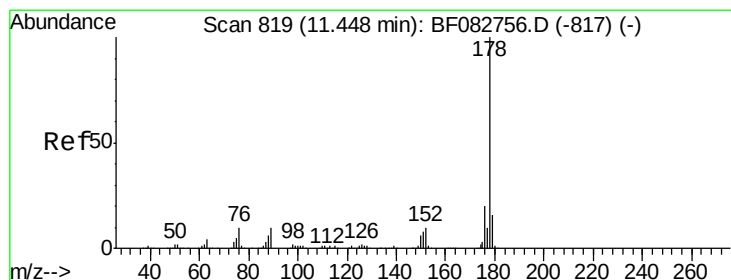
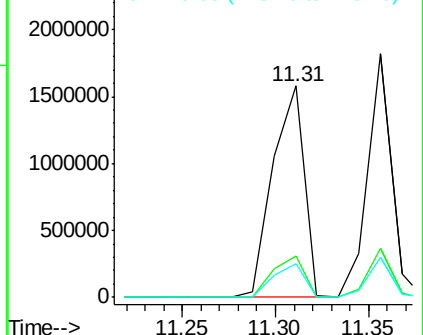
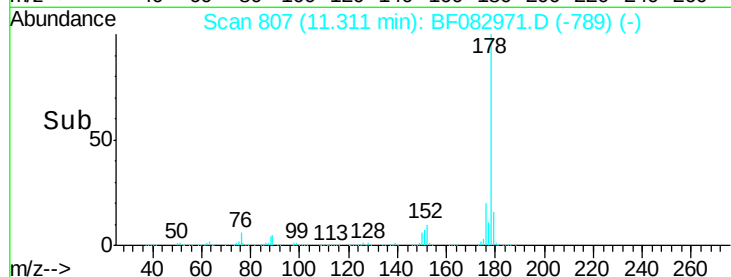
#70
Phenanthrene
Concen: 39.86 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.09 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1838299
Ion Ratio Lower Upper
178 100
176 19.8 17.0 25.4
179 15.8 13.4 20.0

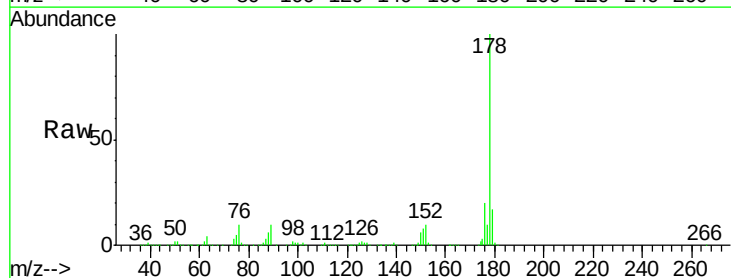


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

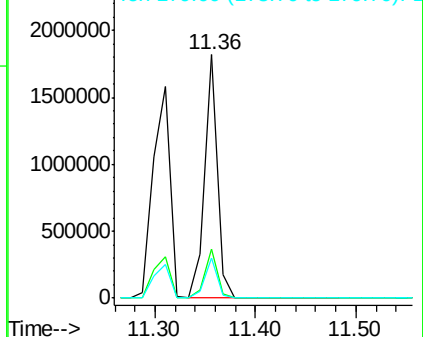
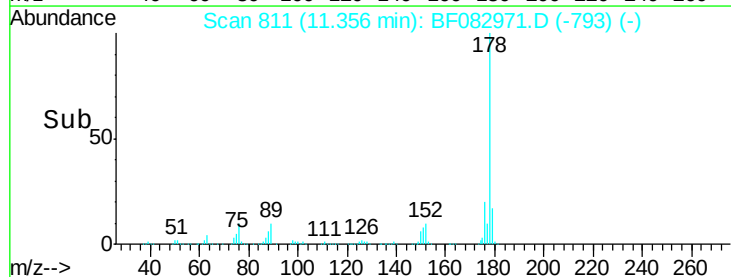


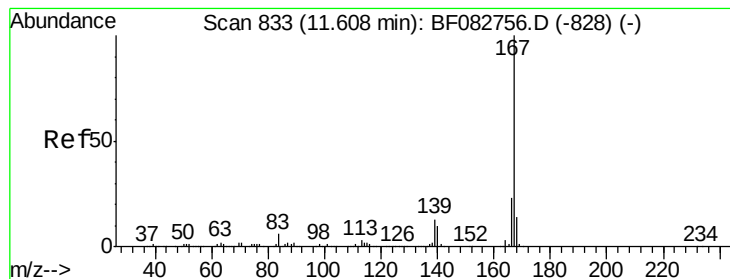
#71
Anthracene
Concen: 32.97 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.09 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Tgt Ion:178 Resp: 1601689
Ion Ratio Lower Upper
178 100
176 20.2 16.5 24.7
179 16.7 13.2 19.8



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





#72

Carbazole

Concen: 38.23 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.09 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Instrument :

BNA_F

ClientSampleId :

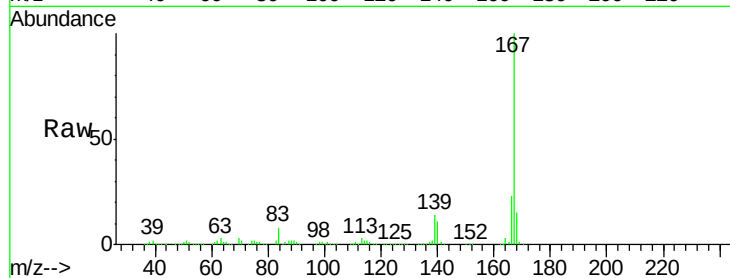
Tot Ion:167 Resp: 1625693

Ion Ratio Lower Upper

167 100

166 23.1 18.7 28.1

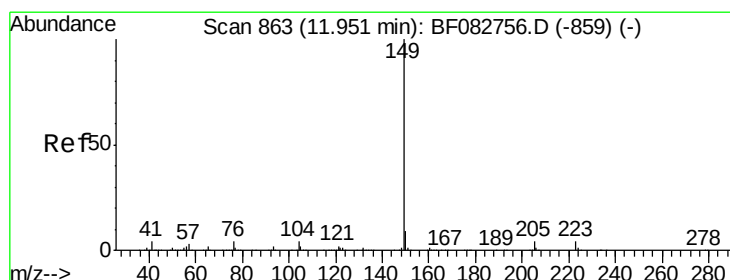
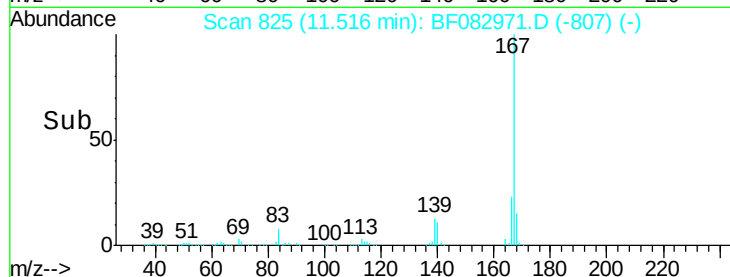
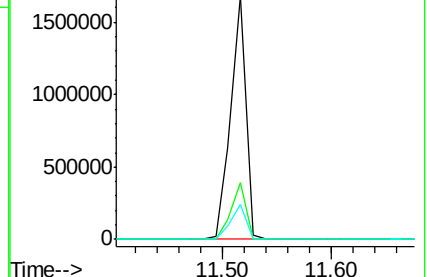
139 14.1 11.8 17.6



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: 40.34 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.09 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

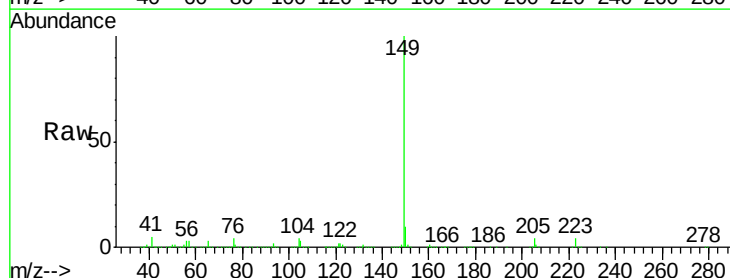
Tgt Ion:149 Resp: 2137350

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

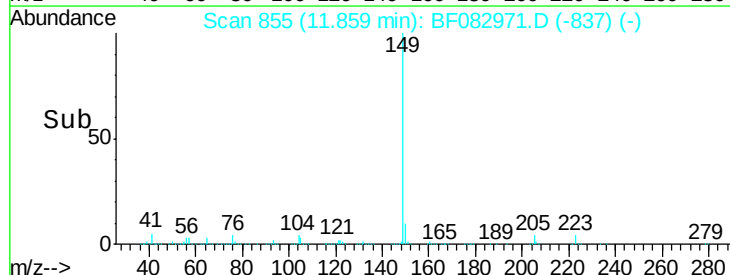
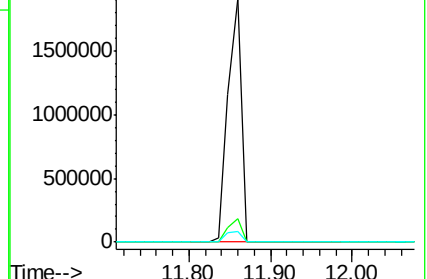
104 4.4 5.2 7.8

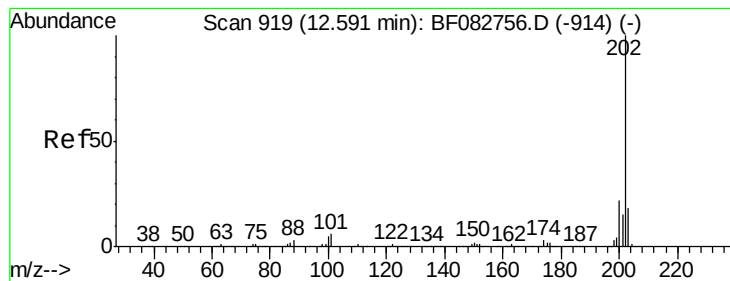


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

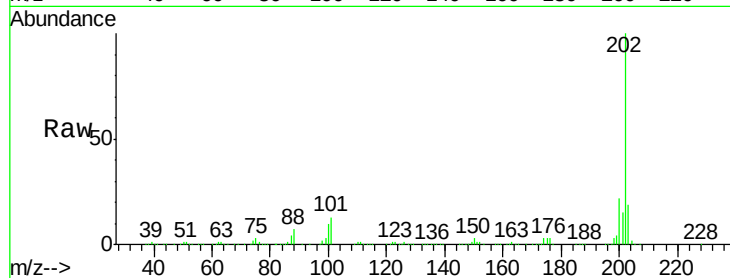




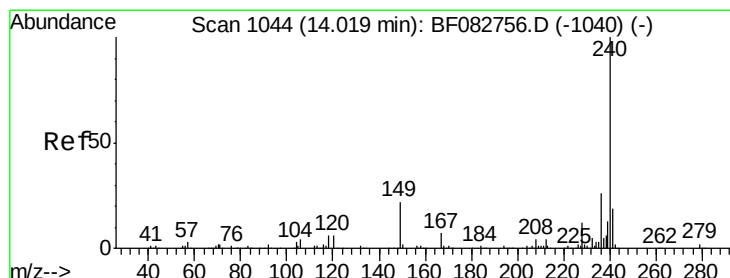
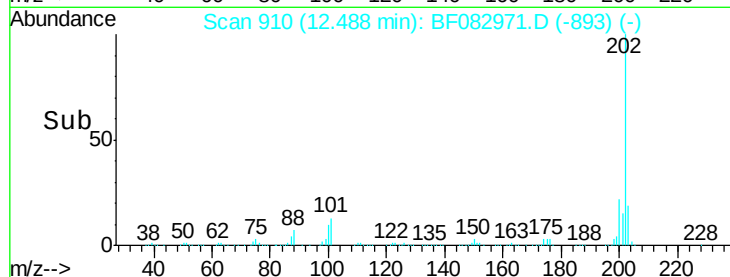
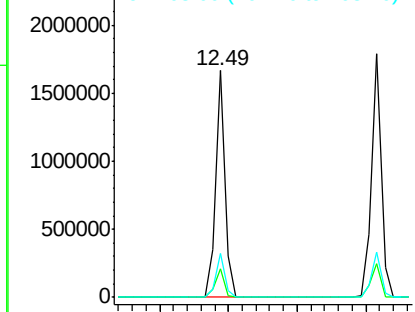
#74
Fluoranthene
Concen: 32.38 ng
RT: 12.49 min Scan# 910
Delta R.T. -0.10 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1602786
Ion Ratio Lower Upper
202 100
101 12.5 0.0 30.5
203 19.2 0.0 38.5

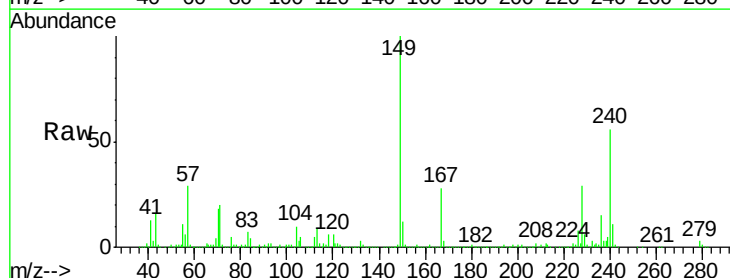


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

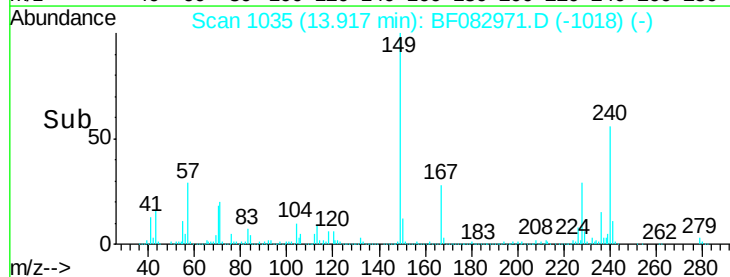
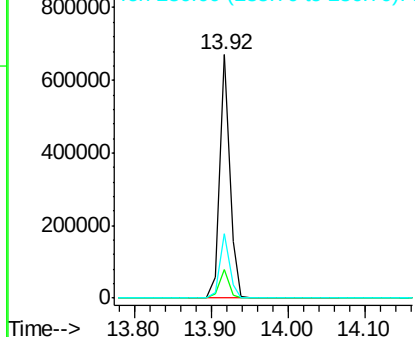


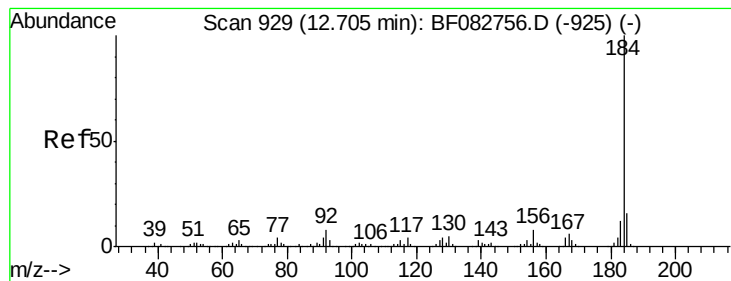
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.10 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Tgt Ion:240 Resp: 616649
Ion Ratio Lower Upper
240 100
120 11.5 10.9 16.3
236 26.7 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

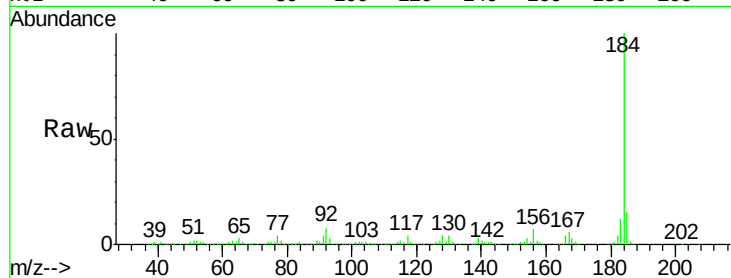




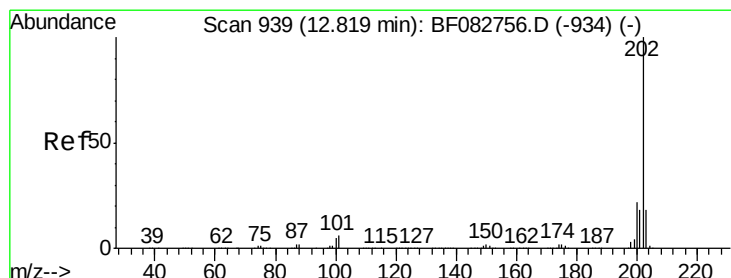
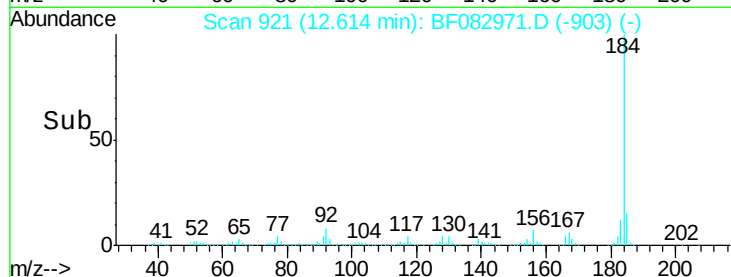
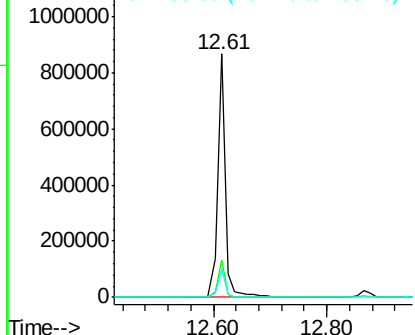
#76
Benzidine
Concen: 39.08 ng
RT: 12.61 min Scan# 921
Delta R.T. -0.09 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 807733
Ion Ratio Lower Upper
184 100
185 15.4 12.0 18.0
183 11.9 9.6 14.4

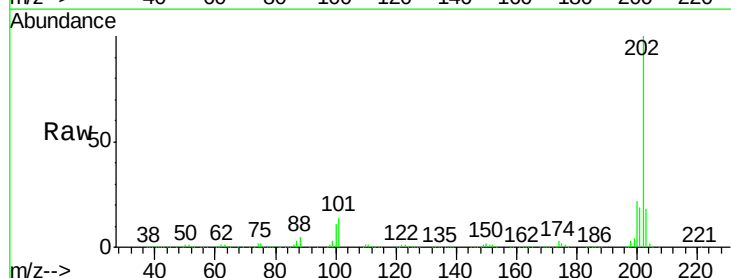


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

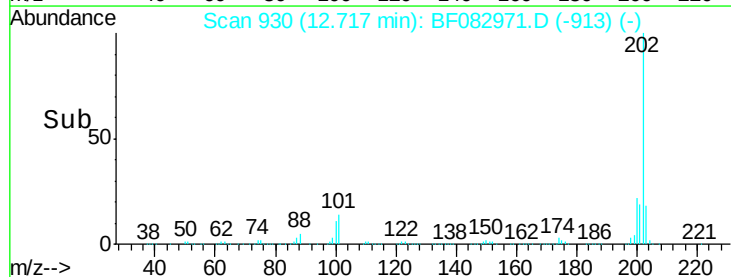
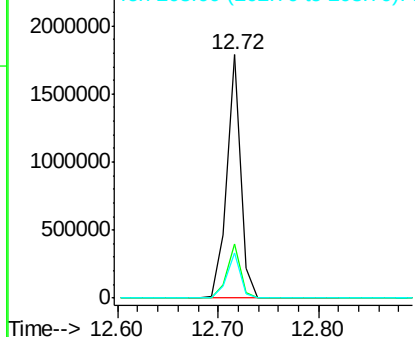


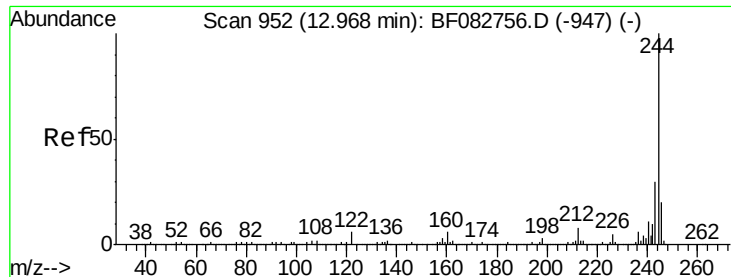
#77
Pyrene
Concen: 40.30 ng
RT: 12.72 min Scan# 930
Delta R.T. -0.10 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Tgt Ion:202 Resp: 1706722
Ion Ratio Lower Upper
202 100
200 22.3 18.7 28.1
203 18.5 14.8 22.2



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: 83.80 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.10 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Instrument :

BNA_F

ClientSampleId :

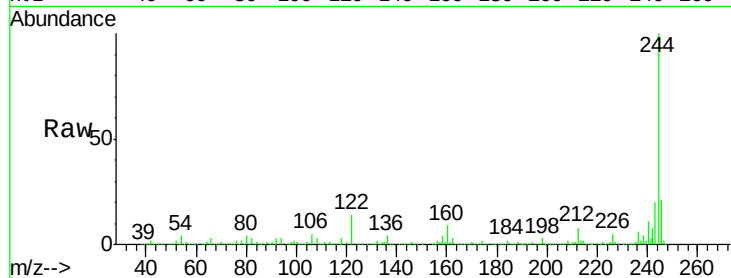
Tot Ion:244 Resp: 2178670

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

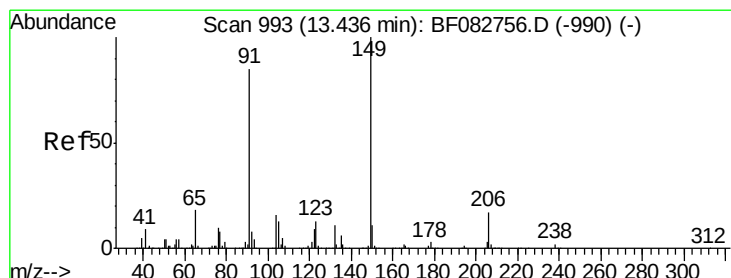
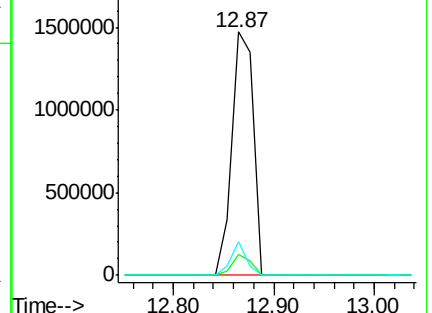
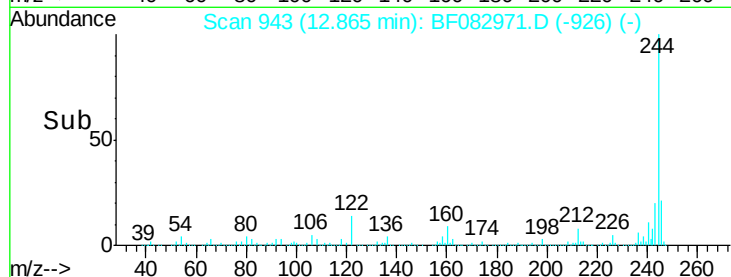
122 13.8 11.3 16.9



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: 42.63 ng

RT: 13.35 min Scan# 985

Delta R.T. -0.09 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

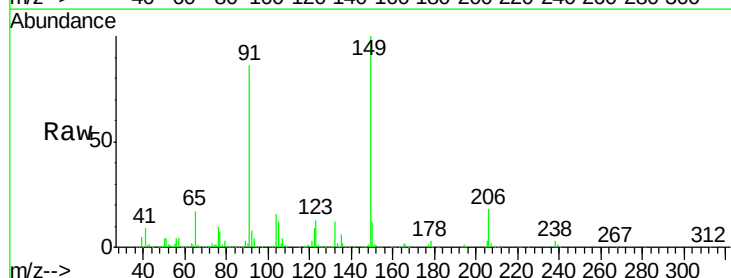
Tgt Ion:149 Resp: 797638

Ion Ratio Lower Upper

149 100

91 86.0 67.7 101.5

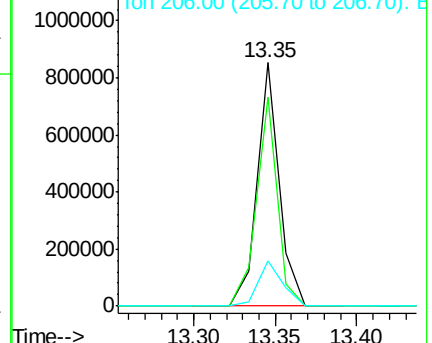
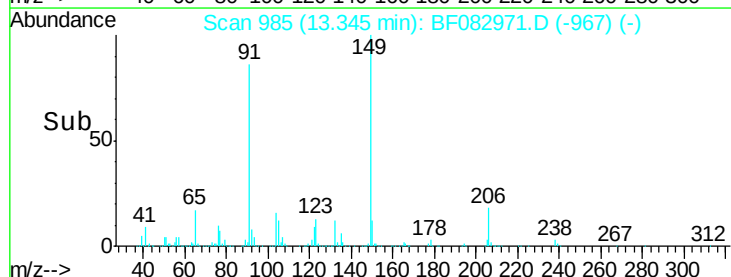
206 18.3 14.6 22.0

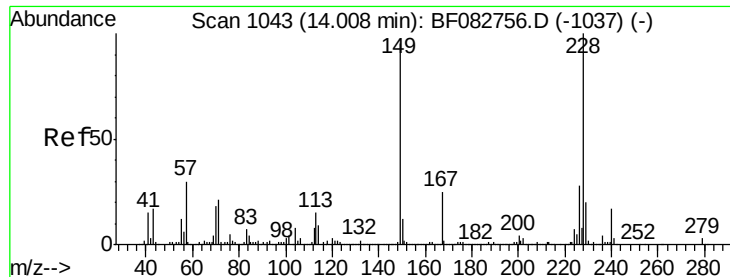


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 39.93 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.10 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Instrument :

BNA_F

ClientSampleId :

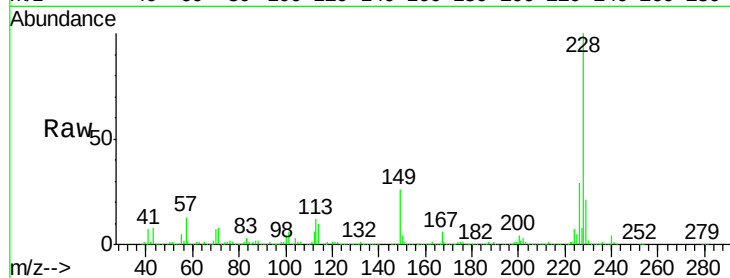
Tot Ion:228 Resp: 1539619

Ion Ratio Lower Upper

228 100

226 28.7 23.4 35.2

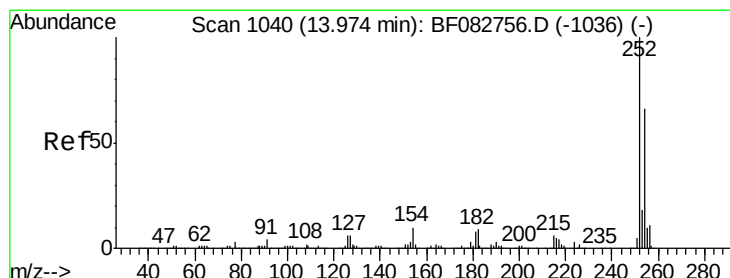
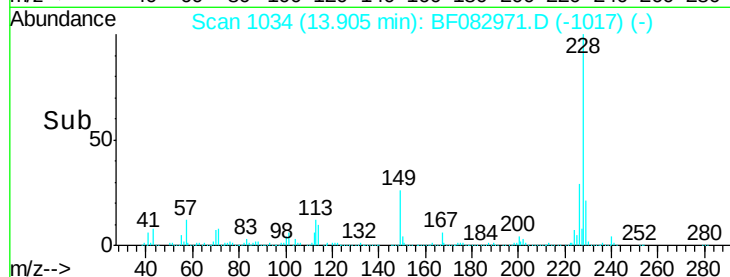
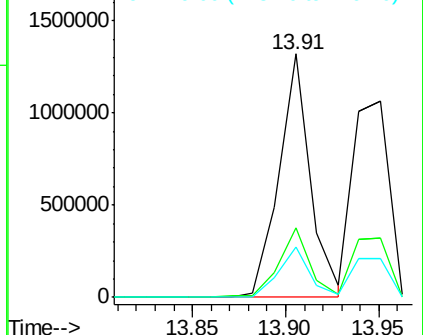
229 20.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 38.55 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.10 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

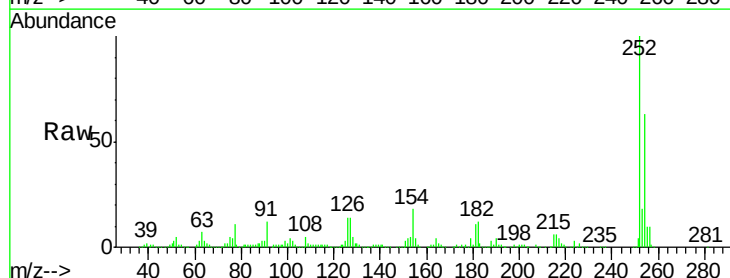
Tgt Ion:252 Resp: 528515

Ion Ratio Lower Upper

252 100

254 62.7 51.4 77.0

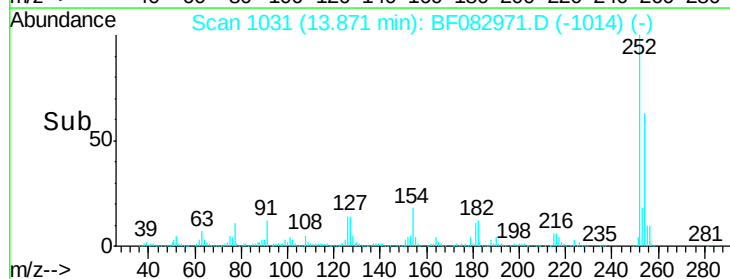
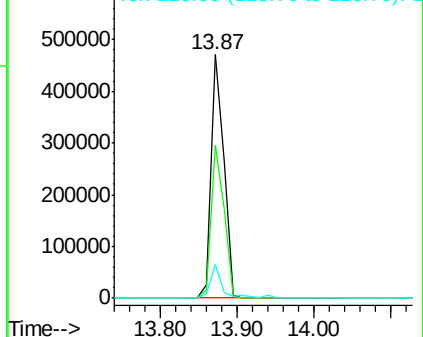
126 14.0 10.7 16.1

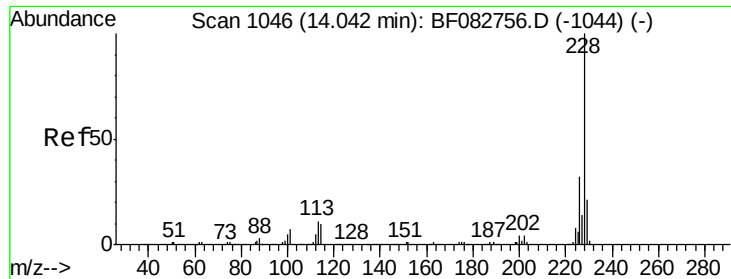


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 41.04 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.09 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

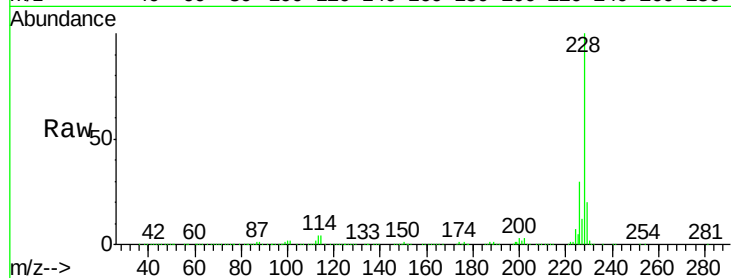
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1449563

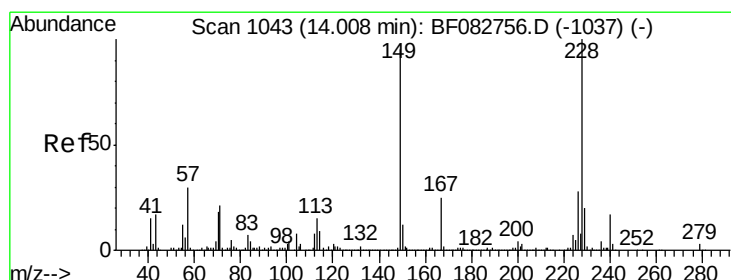
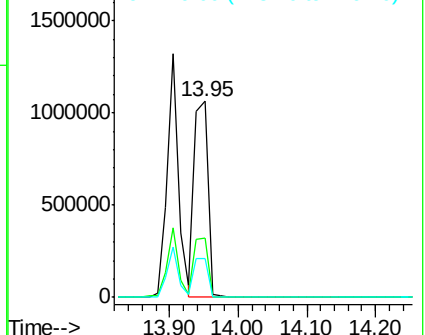
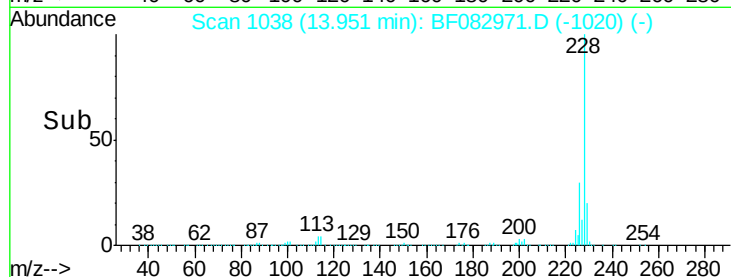
Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.5	38.3
229	19.9	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 43.61 ng

RT: 13.92 min Scan# 1035

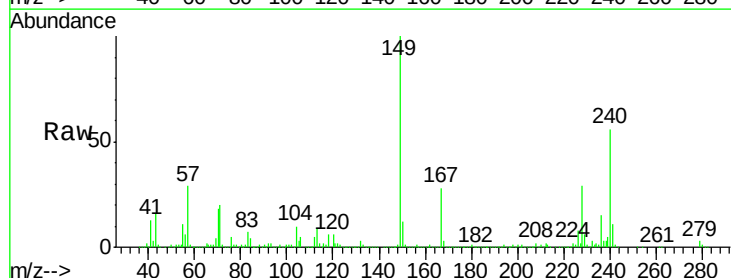
Delta R.T. -0.09 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Tgt Ion:149 Resp: 1116628

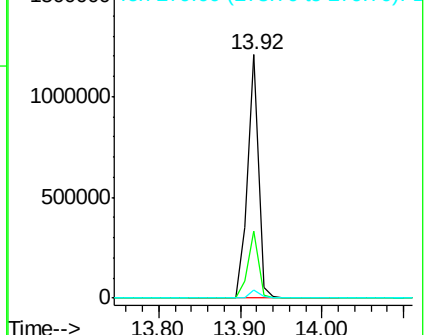
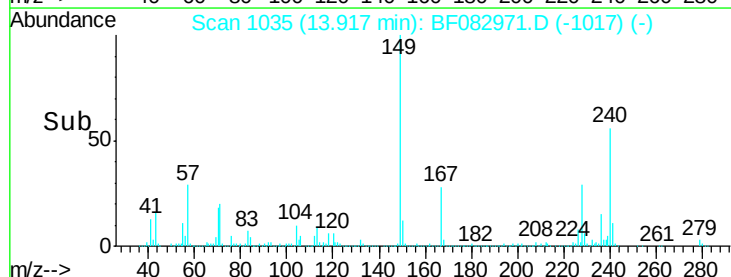
Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.2	31.8
279	3.2	2.2	3.2

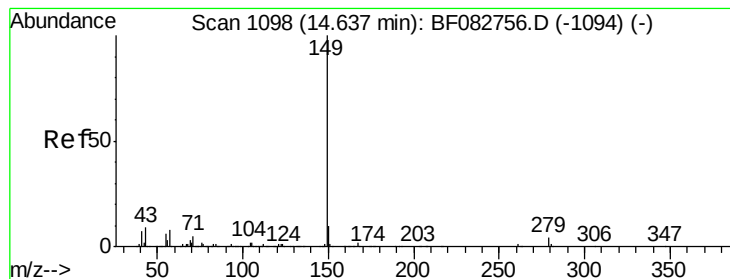


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 41.58 ng

RT: 14.53 min Scan# 1089

Delta R.T. -0.10 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

Instrument :

BNA_F

ClientSampled :

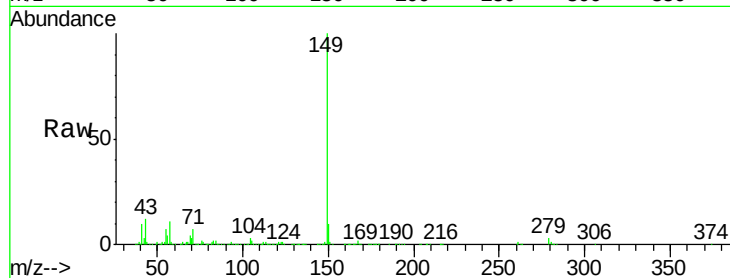
Tot Ion:149 Resp: 1776140

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

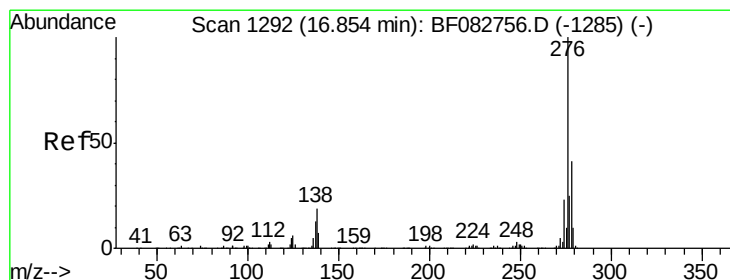
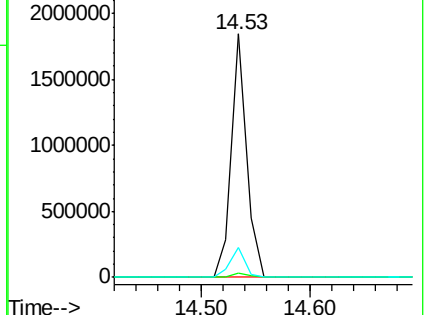
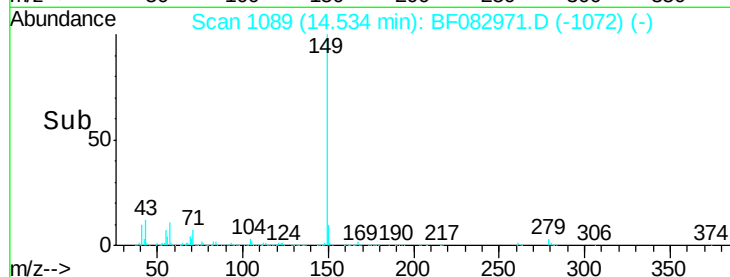
43 12.2 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 39.68 ng

RT: 16.67 min Scan# 1276

Delta R.T. -0.18 min

Lab File: BF082971.D

Acq: 17 Nov 2015 17:34

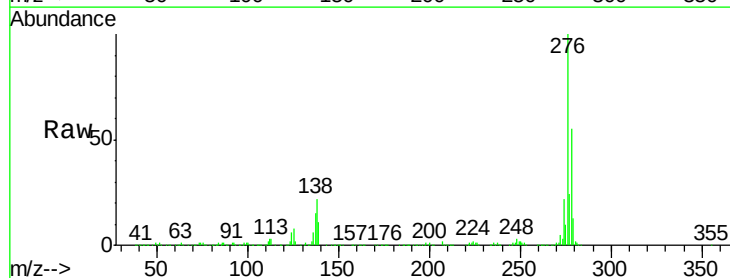
Tgt Ion:276 Resp: 1207072

Ion Ratio Lower Upper

276 100

138 22.7 15.3 22.9

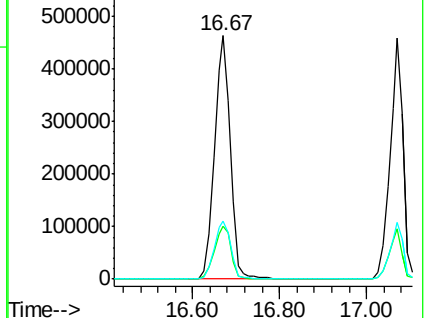
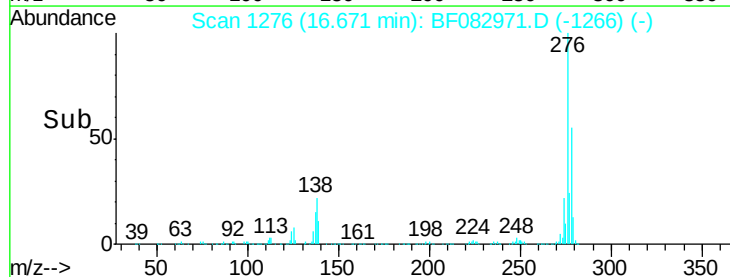
277 25.0 20.2 30.4

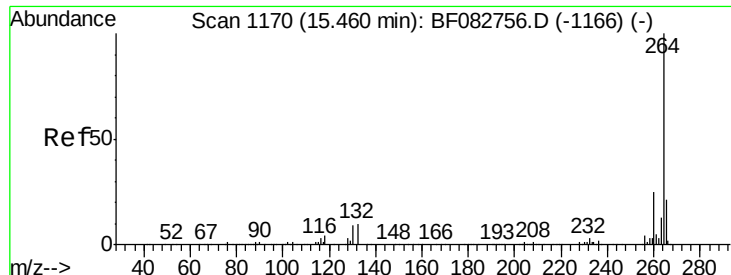


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

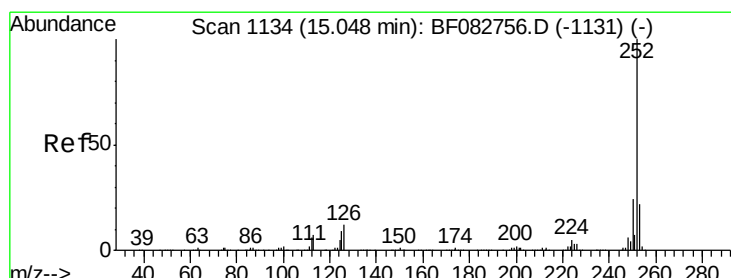
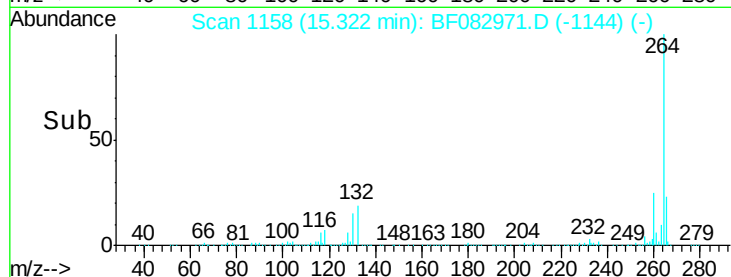
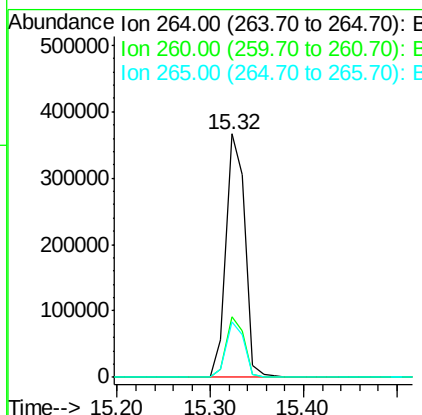
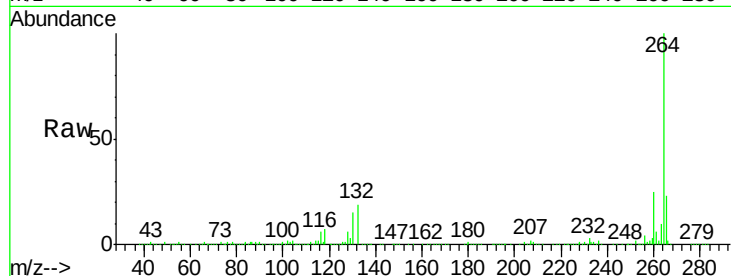




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.14 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

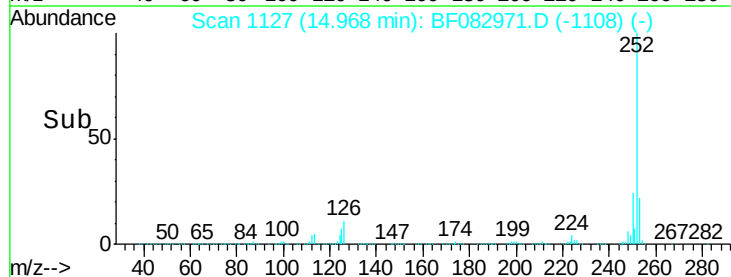
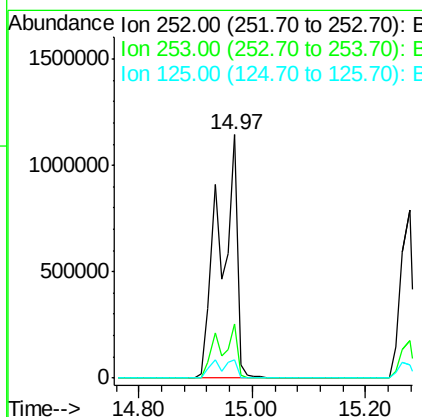
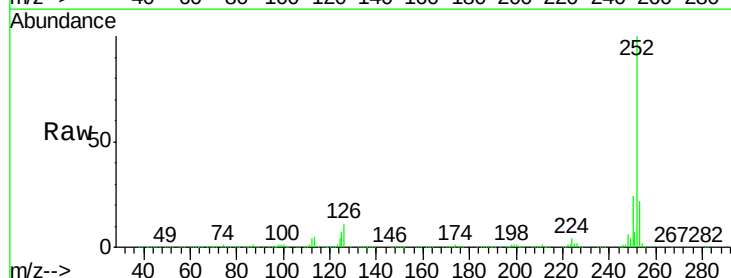
Instrument :
BNA_F
ClientSampleId :

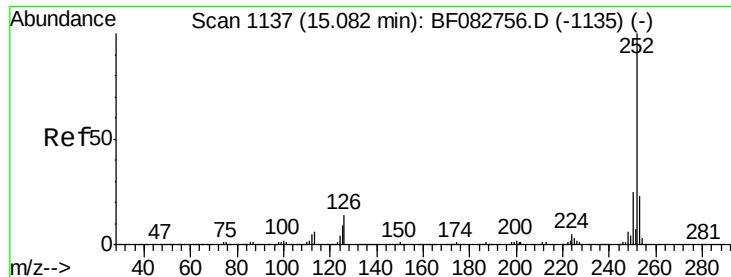
Tot Ion:264 Resp: 520671
Ion Ratio Lower Upper
264 100
260 24.8 19.8 29.6
265 22.7 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 72.98 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.08 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Tgt Ion:252 Resp: 2439039
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 7.5 5.4 8.2

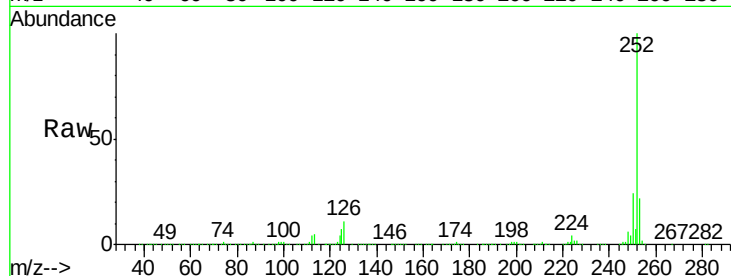




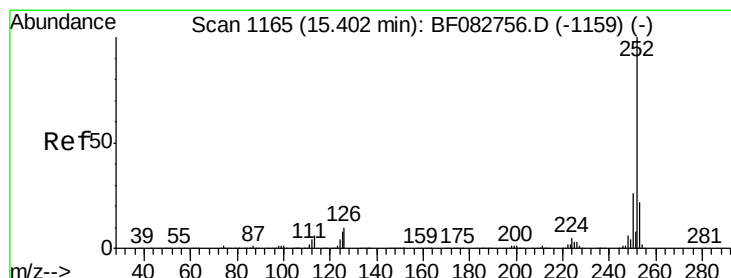
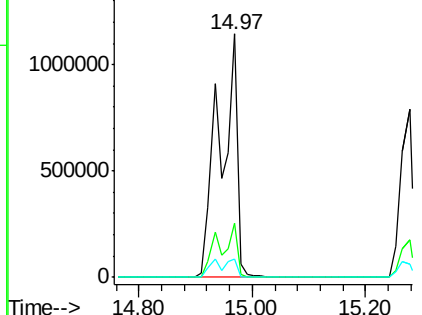
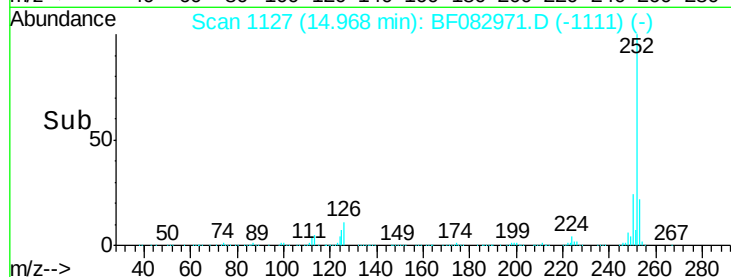
#88
Benzo(k)fluoranthene
Concen: 82.27 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.11 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 2439039
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 7.5 3.5 5.3#

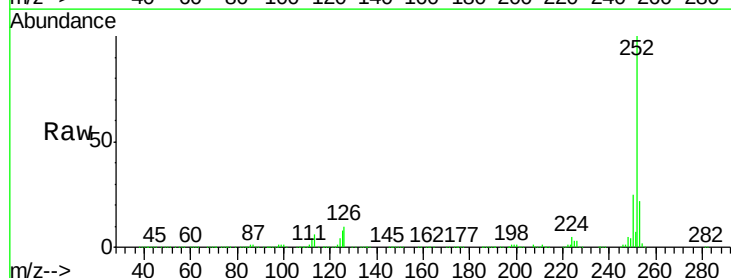


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

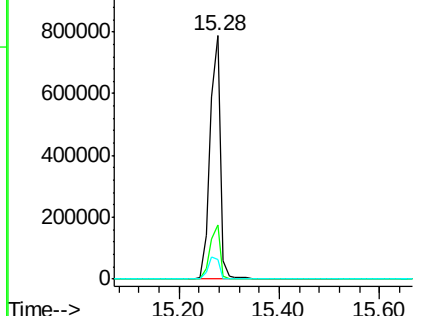
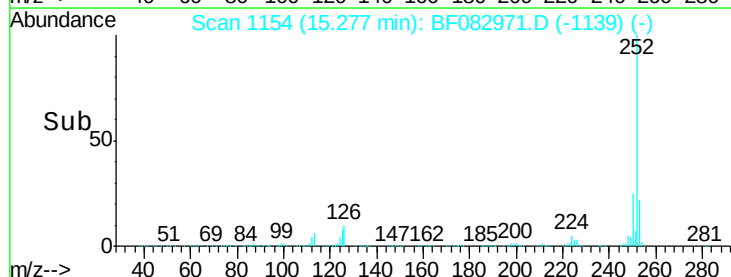


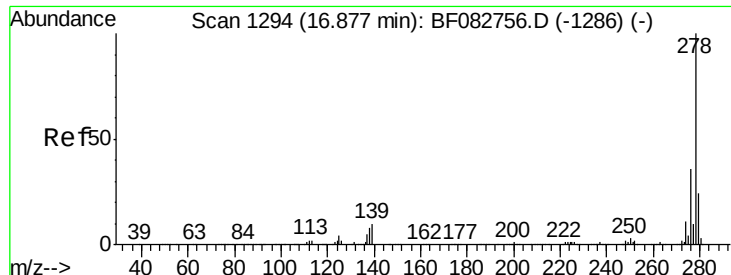
#89
Benzo(a)pyrene
Concen: 38.31 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.13 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Tgt Ion:252 Resp: 1109250
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 7.8 7.1 10.7



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

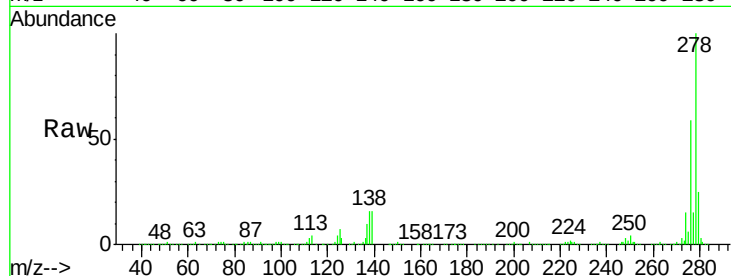




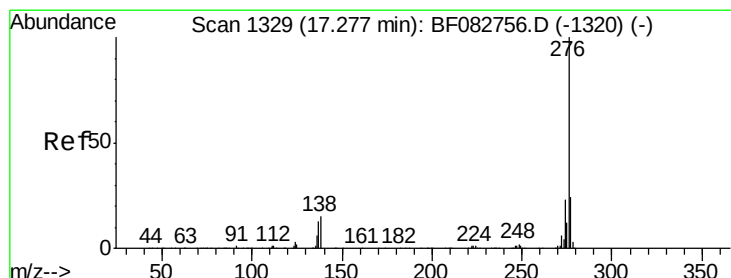
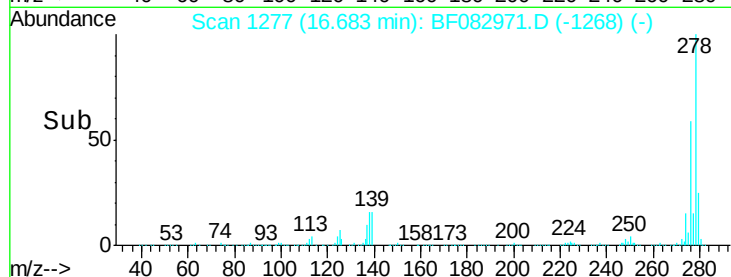
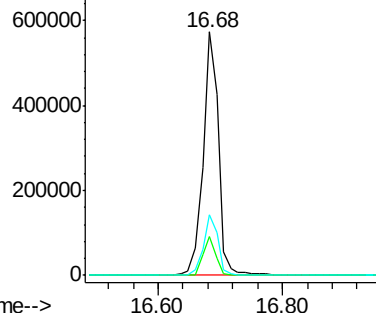
#90
Dibenzo(a,h)anthracene
Concen: 40.32 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.19 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	9.9	14.9#
279	24.8	19.6	29.4

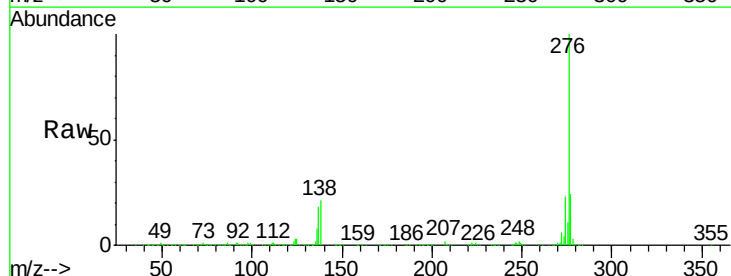


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 42.12 ng
RT: 17.07 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BF082971.D
Acq: 17 Nov 2015 17:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	21.0	13.1	19.7#



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

