

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111015\
 Data File : BF082889.D
 Acq On : 11 Nov 2015 00:38
 Operator : UM/IZ
 Sample : G4246-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

Quant Time: Nov 13 17:38:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	257148	20.00	ng	-0.03
21) Naphthalene-d8	8.11	136	974064	20.00	ng	-0.03
38) Acenaphthene-d10	9.86	164	482241	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	887892	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	606969	20.00	ng	-0.03
86) Perylene-d12	15.39	264	587865	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	2025984	122.59	ng	-0.01
7) Phenol-d6	6.46	99	2514487	114.44	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1822910	81.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	608807	110.10	ng	-0.02
44) 2-Fluorobiphenyl	9.18	172	2051966	60.99	ng	-0.03
78) Terphenyl-d14	12.93	244	2091803	81.74	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	266675	37.40	ng	96
3) Pyridine	3.15	79	794421	38.39	ng	97
4) n-Nitrosodimethylamine	3.10	42	371063	36.16	ng	# 75
6) Aniline	6.48	93	712320	23.09	ng	# 1
8) 2-Chlorophenol	6.60	128	678535	37.04	ng	# 77
9) Benzaldehyde	6.35	77	245893	20.26	ng	97
10) Phenol	6.48	94	819383	32.87	ng	87
11) bis(2-Chloroethyl)ether	6.56	93	731315	39.23	ng	91
12) 1,3-Dichlorobenzene	6.83	146	720385	34.86	ng	95
13) 1,4-Dichlorobenzene	6.83	146	720385	33.51	ng	98
14) 1,2-Dichlorobenzene	6.99	146	746038	38.16	ng	98
15) Benzyl Alcohol	6.97	79	763983	39.59	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1168006	42.71	ng	97
17) 2-Methylphenol	7.08	107	624562	40.25	ng	98
18) Hexachloroethane	7.33	117	272377	35.42	ng	96
19) n-Nitroso-di-n-propylamine	7.24	70	554787	34.35	ng	88
20) 3+4-Methylphenols	7.24	107	781462	38.73	ng	# 72
22) Acetophenone	7.23	105	1050050	37.62	ng	# 95
24) Nitrobenzene	7.40	77	808453	35.31	ng	92
25) Isophorone	7.65	82	1645544	39.73	ng	# 94
26) 2-Nitrophenol	7.72	139	408503	42.75	ng	# 70
27) 2,4-Dimethylphenol	7.77	122	655930	38.20	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	920502	39.40	ng	98
29) 2,4-Dichlorophenol	7.97	162	666021	42.92	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	653825	37.47	ng	94
31) Naphthalene	8.13	128	2020713	37.60	ng	99
32) Benzoic acid	7.87	122	159506	13.57	ng	# 80
34) Hexachlorobutadiene	8.26	225	373435	34.20	ng	97
35) Caprolactam	8.56	113	127020	25.96	ng	# 75
36) 4-Chloro-3-methylphenol	8.67	107	712732	39.06	ng	89
37) 2-Methylnaphthalene	8.82	142	1244926	35.81	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	634714	40.05	ng	98
40) Hexachlorocyclopentadiene	8.98	237	424199	49.82	ng	97
42) 2,4,6-Trichlorophenol	9.10	196	498975	42.18	ng	99

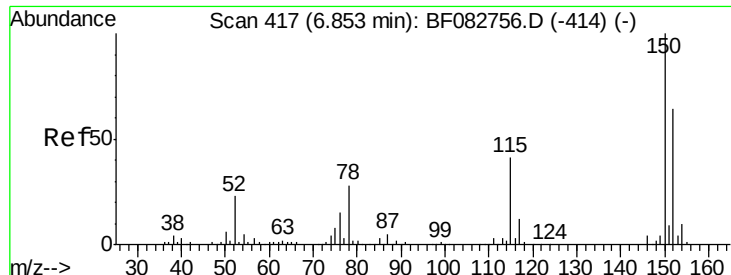
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111015\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.15	196	480729	41.09	ng	# 78
45) 1,1'-Biphenyl	9.29	154	1616160	39.06	ng	98
46) 2-Chloronaphthalene	9.31	162	1296314	40.16	ng	100
47) 2-Nitroaniline	9.40	65	446182	37.26	ng	# 84
48) Acenaphthylene	9.72	152	1784330	35.27	ng	100
49) Dimethylphthalate	9.60	163	2175235	55.05	ng	99
50) 2,6-Dinitrotoluene	9.65	165	378123	44.85	ng	# 66
51) Acenaphthene	9.89	154	1182007	36.87	ng	99
52) 3-Nitroaniline	9.81	138	252130	27.19	ng	# 83
53) 2,4-Dinitrophenol	9.92	184	191153	41.30	ng	# 24
54) Dibenzofuran	10.06	168	1601997	37.06	ng	94
55) 4-Nitrophenol	9.98	139	496128	69.75	ng	# 81
56) 2,4-Dinitrotoluene	10.05	165	466218	40.76	ng	91
57) Fluorene	10.41	166	1197606	34.21	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	402133	42.11	ng	# 88
59) Diethylphthalate	10.29	149	1485454	38.51	ng	99
60) 4-Chlorophenyl-phenylether	10.41	204	662197	37.81	ng	93
61) 4-Nitroaniline	10.43	138	316480	33.94	ng	# 79
62) Azobenzene	10.57	77	1715445	41.40	ng	93
64) 4,6-Dinitro-2-methylphenol	10.46	198	229501	36.28	ng	78
65) n-Nitrosodiphenylamine	10.52	169	1093526	34.09	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	383491	35.87	ng	# 72
67) Hexachlorobenzene	10.96	284	414799	34.75	ng	# 86
68) Atrazine	11.06	200	470468	47.43	ng	95
69) Pentachlorophenol	11.15	266	479902	66.20	ng	98
70) Phenanthrene	11.37	178	1841357	35.71	ng	100
71) Anthracene	11.42	178	2016852	37.13	ng	98
72) Carbazole	11.57	167	1734170	36.48	ng	99
73) Di-n-butylphthalate	11.92	149	2361101	39.86	ng	98
74) Fluoranthene	12.56	202	2119043	38.30	ng	99
76) Benzidine	12.67	184	584383	28.73	ng	99
77) Pyrene	12.79	202	2159052	51.80	ng	99
79) Butylbenzylphthalate	13.41	149	1003803	54.51	ng	# 74
80) Benzo(a)anthracene	13.97	228	1603063	42.24	ng	98
81) 3,3'-Dichlorobenzidine	13.93	252	374231	27.73	ng	# 98
82) Chrysene	14.01	228	1463959	42.11	ng	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	1286700	51.05	ng	100
84) Di-n-octyl phthalate	14.59	149	2242142	53.33	ng	97
85) Indeno(1,2,3-cd)pyrene	16.77	276	1440047	48.10	ng	# 95
87) Benzo(b)fluoranthene	15.03	252	2682165	71.08	ng	# 97
88) Benzo(k)fluoranthene	15.03	252	2682165	80.13	ng	# 97
89) Benzo(a)pyrene	15.35	252	1275606	39.02	ng	98
90) Dibenzo(a,h)anthracene	16.80	278	1202345	43.43	ng	98
91) Benzo(g,h,i)perylene	17.20	276	1185944	44.73	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.03 min

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T-14CMSD

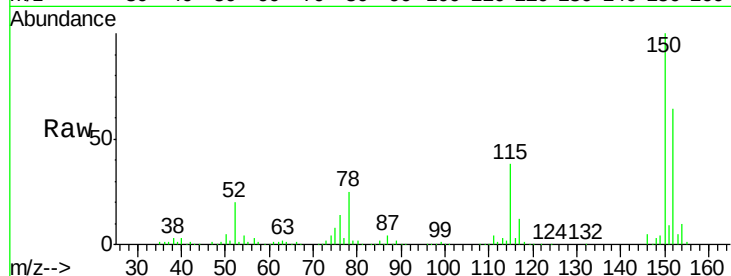
Tgt Ion:152 Resp: 257148

Ion Ratio Lower Upper

152 100

150 157.1 127.0 190.4

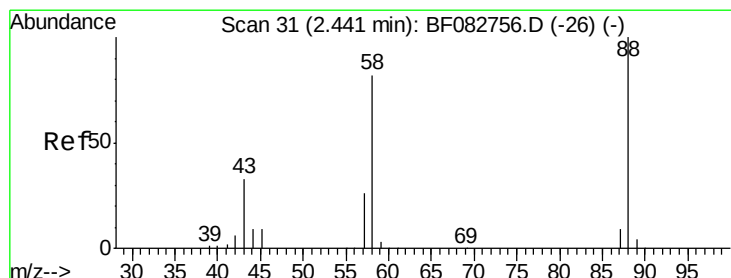
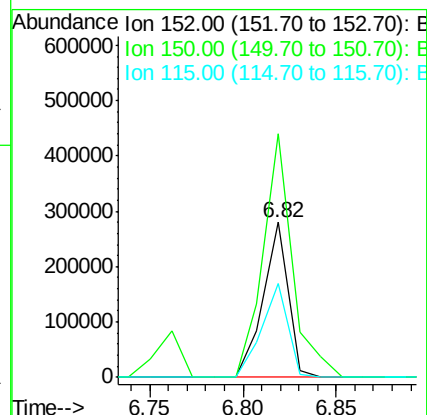
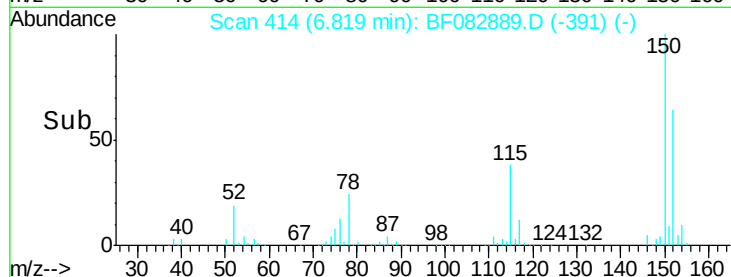
115 60.3 47.0 70.6



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: 37.40 ng

RT: 2.45 min Scan# 32

Delta R.T. 0.01 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

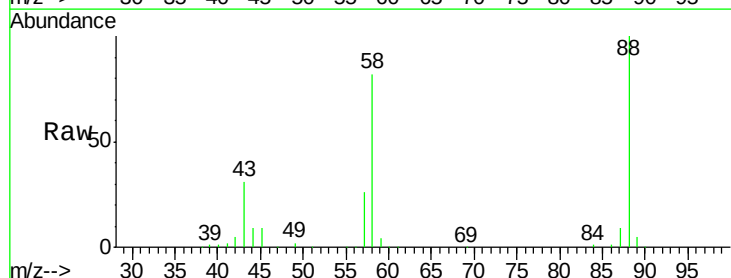
Tgt Ion: 88 Resp: 266675

Ion Ratio Lower Upper

88 100

58 81.4 62.0 93.0

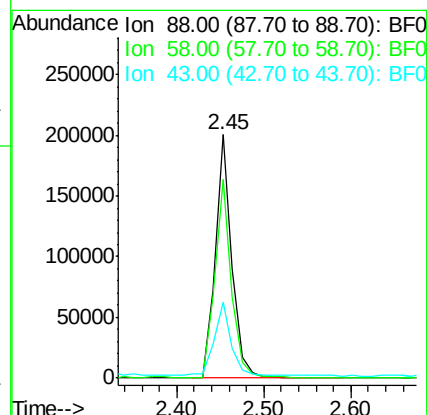
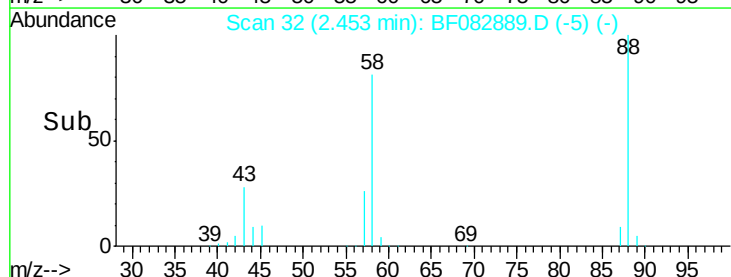
43 32.5 26.6 40.0

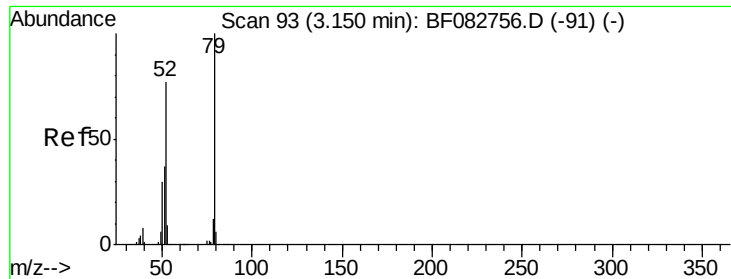


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.39 ng

RT: 3.15 min Scan# 93

Delta R.T. -0.01 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

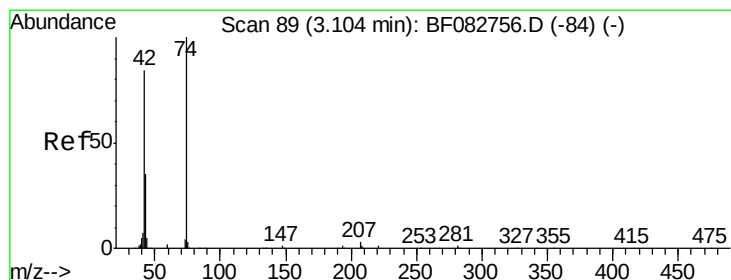
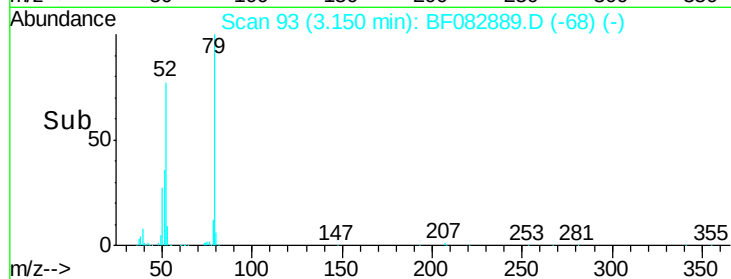
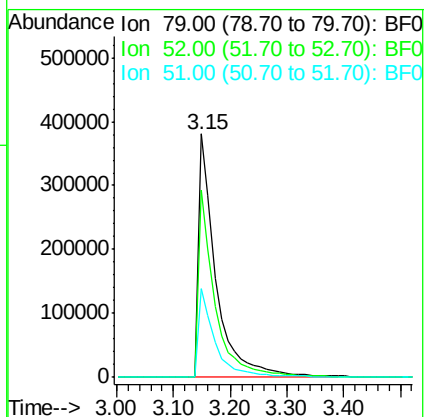
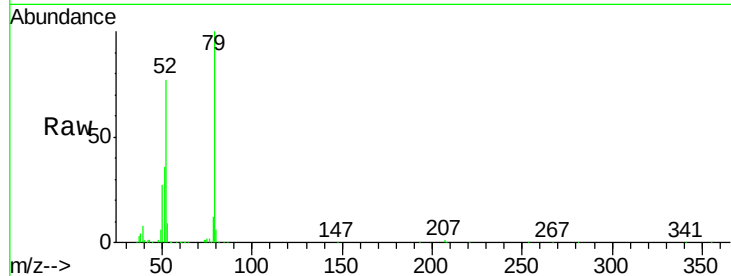
Tgt Ion: 79 Resp: 794421

Ion Ratio Lower Upper

79 100

52 76.8 62.8 94.2

51 36.4 32.0 48.0



#4

n-Nitrosodimethylamine

Concen: 36.16 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.01 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

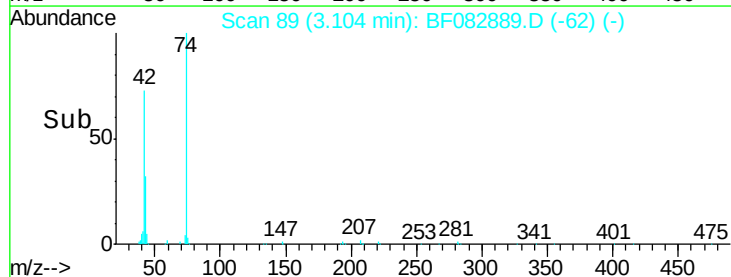
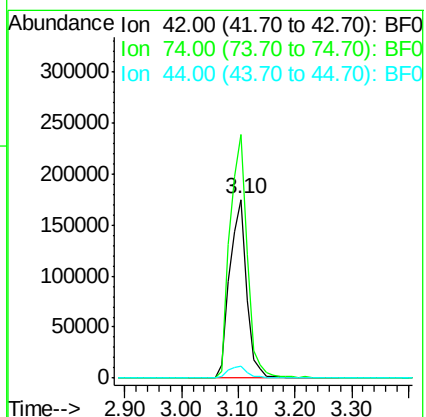
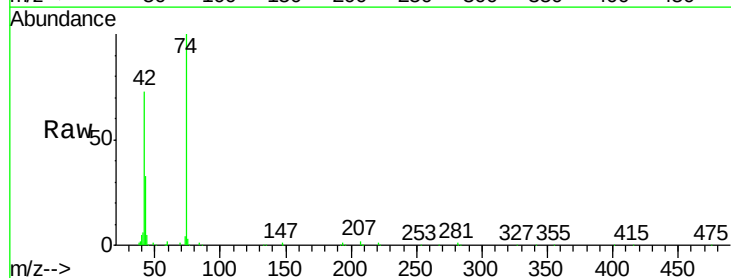
Tgt Ion: 42 Resp: 371063

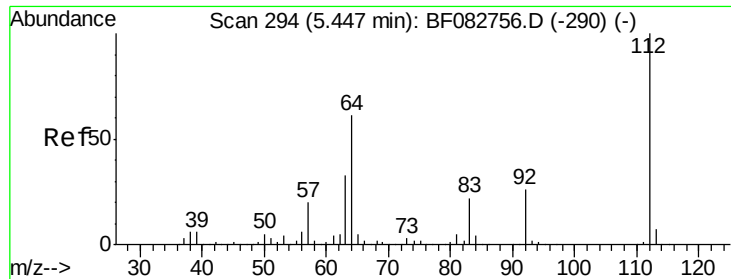
Ion Ratio Lower Upper

42 100

74 136.4 87.0 130.4#

44 7.0 5.8 8.8





#5

2-Fluorophenol

Concen: 122.59 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

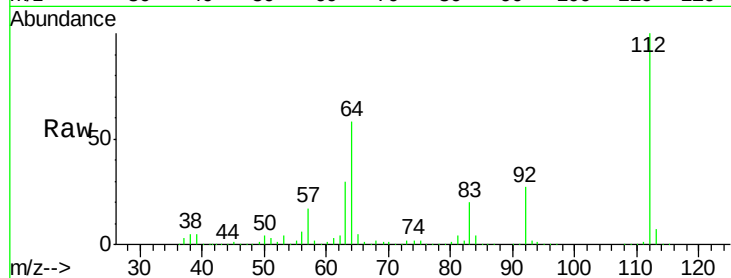
Tgt Ion: 112 Resp: 2025984

Ion Ratio Lower Upper

112 100

64 57.6 48.9 73.3

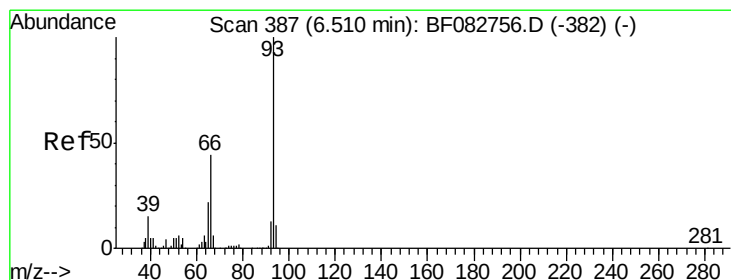
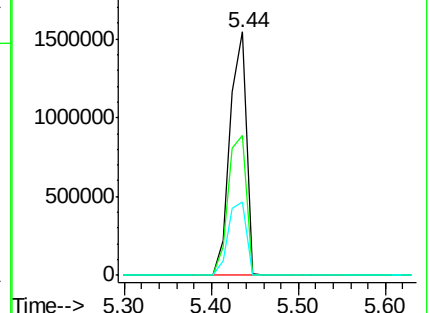
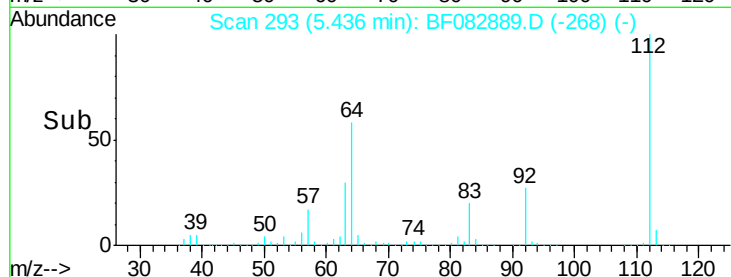
63 30.1 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.09 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

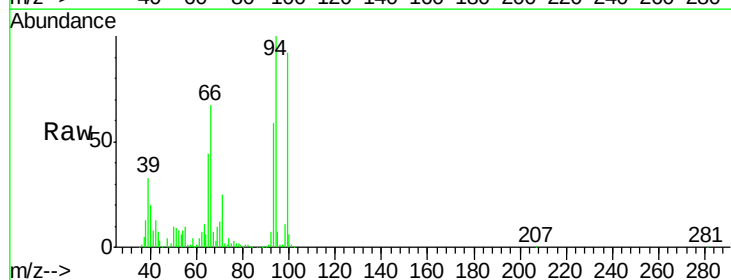
Tgt Ion: 93 Resp: 712320

Ion Ratio Lower Upper

93 100

66 113.4 33.6 50.4#

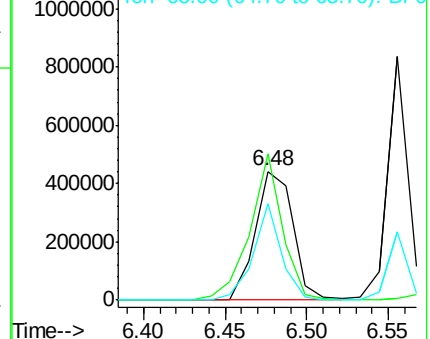
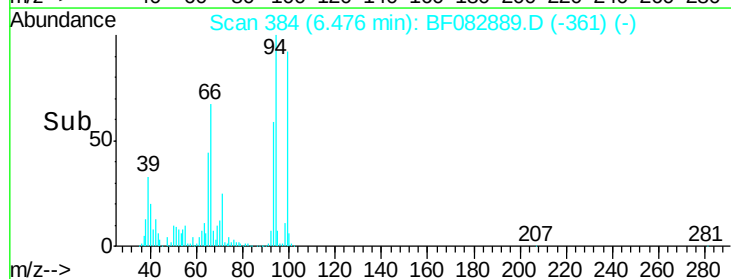
65 75.0 18.1 27.1#

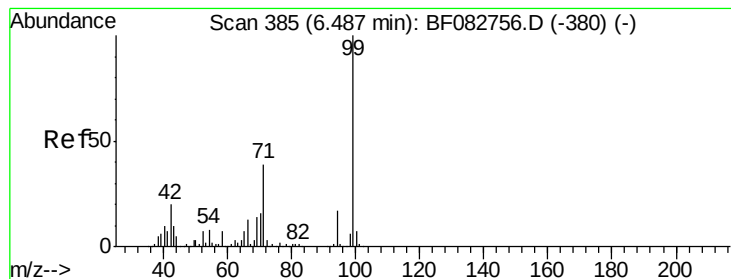


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 114.44 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

Instrument :

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ClientSampleId :

T-14CMSD

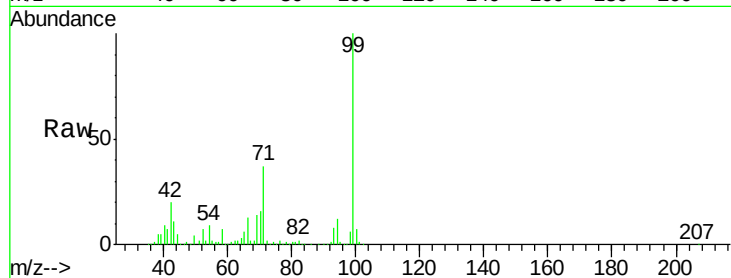
Tgt Ion: 99 Resp: 2514487

Ion Ratio Lower Upper

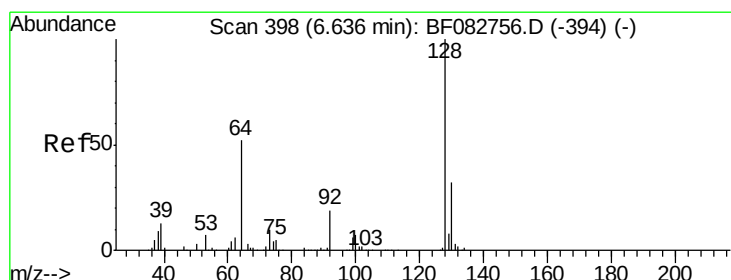
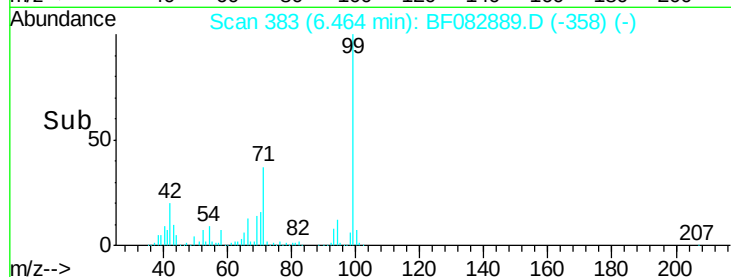
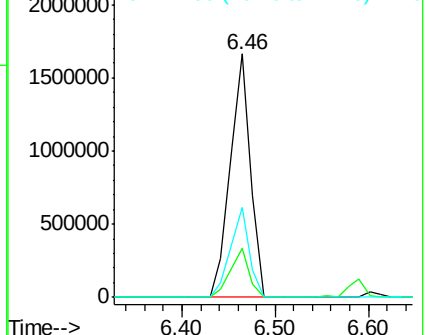
99 100

42 20.0 19.2 28.8

71 36.9 35.0 52.4



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



#8

2-Chlorophenol

Concen: 37.04 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

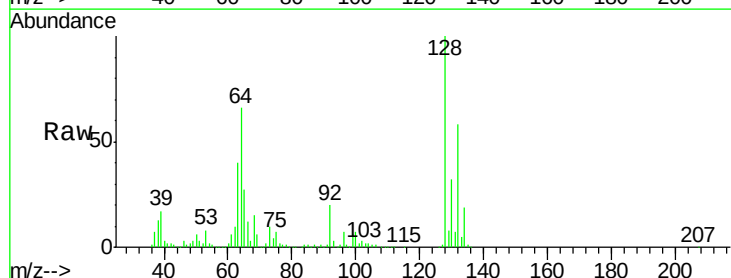
Tgt Ion: 128 Resp: 678535

Ion Ratio Lower Upper

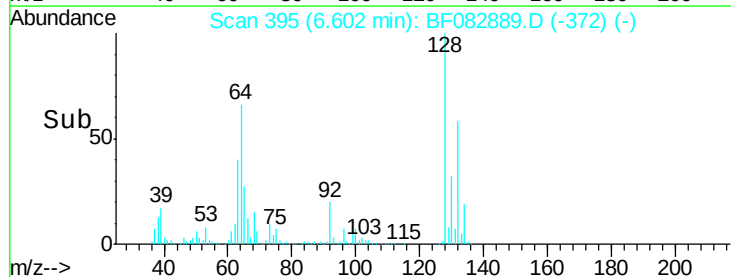
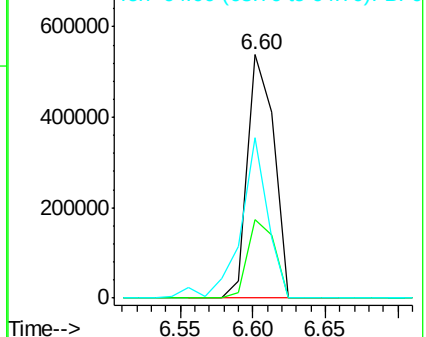
128 100

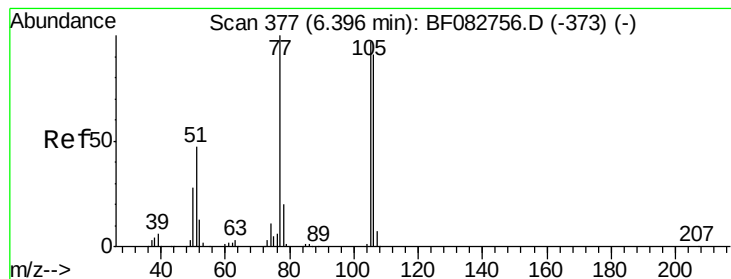
130 32.4 13.5 53.5

64 66.1 21.1 61.1#



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





#9

Benzaldehyde

Concen: 20.26 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.04 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

Instrument :

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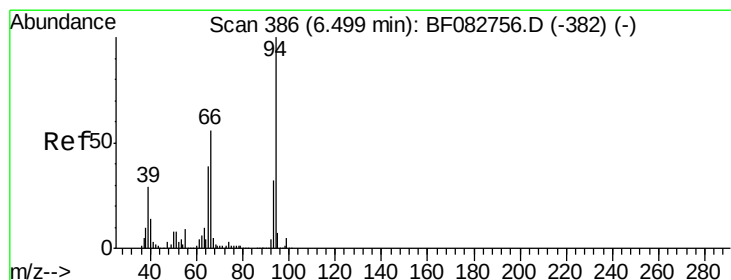
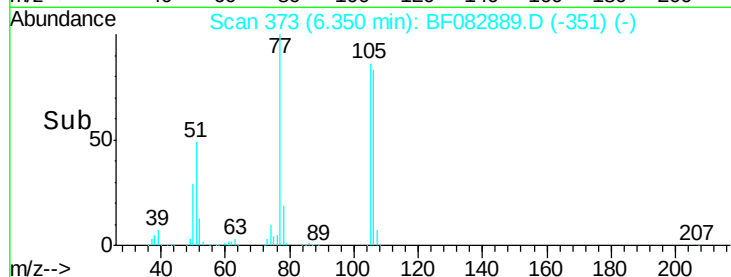
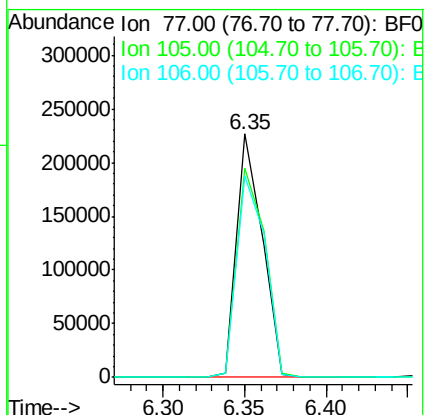
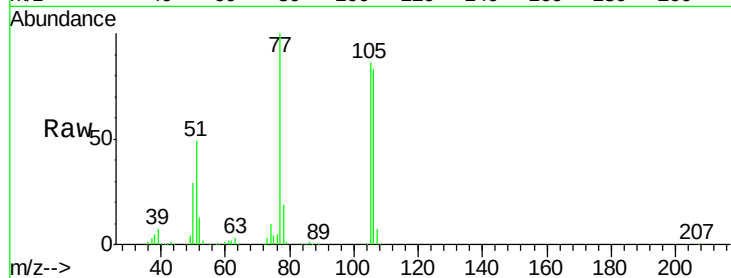
Tgt Ion: 77 Resp: 245893

Ion Ratio Lower Upper

77 100

105 85.6 63.5 103.5

106 82.8 59.3 99.3



#10

Phenol

Concen: 32.87 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

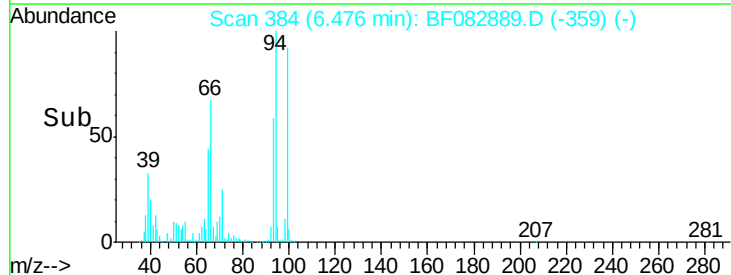
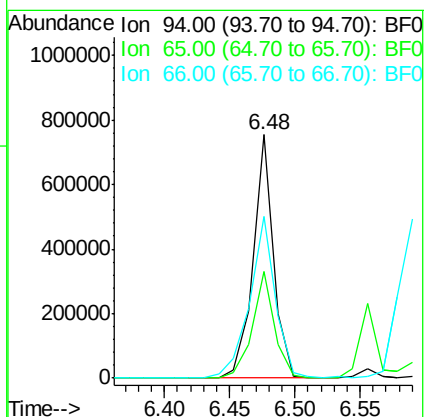
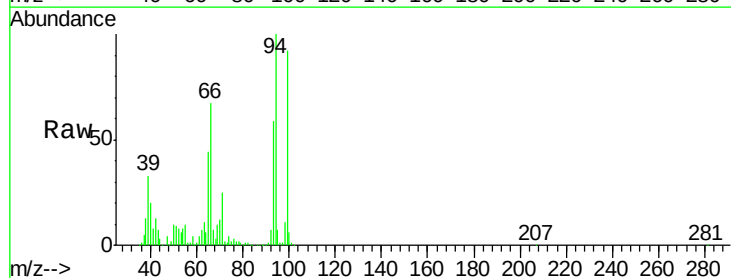
Tgt Ion: 94 Resp: 819383

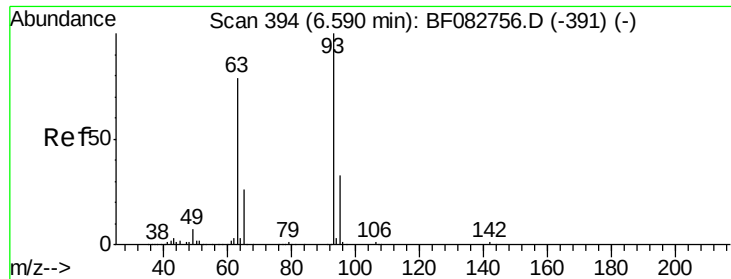
Ion Ratio Lower Upper

94 100

65 44.0 18.9 58.9

66 66.5 34.9 74.9

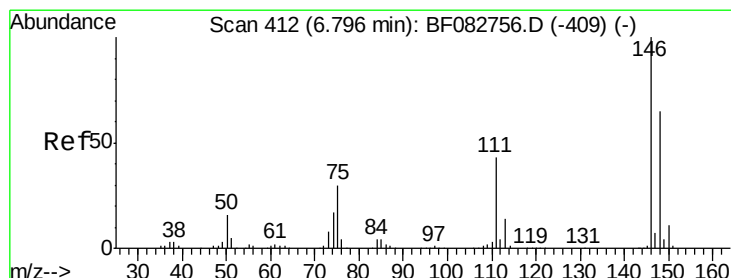
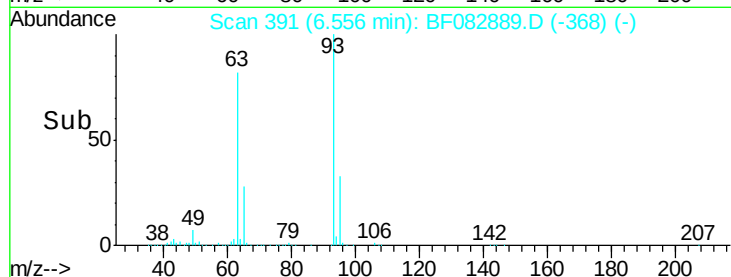
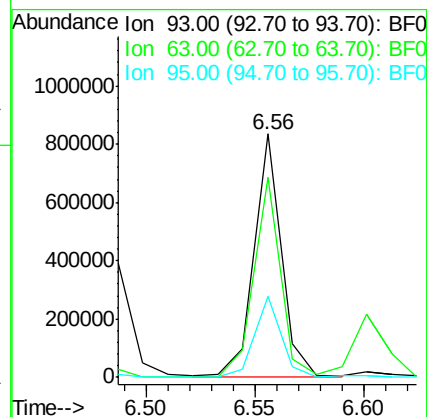
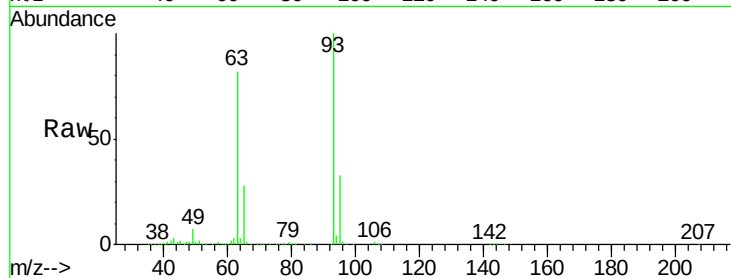




#11
bis(2-Chloroethyl)ether
Concen: 39.23 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.03 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

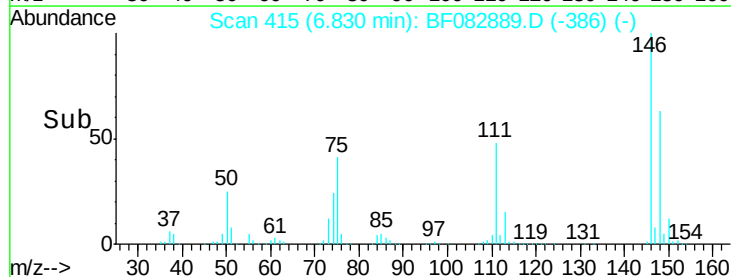
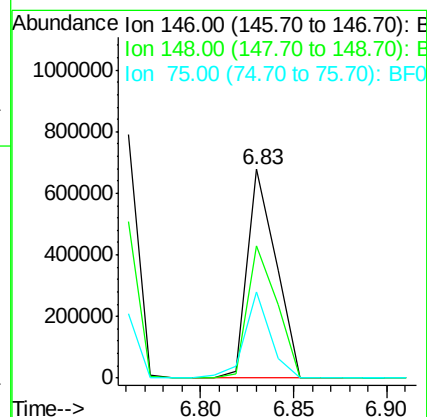
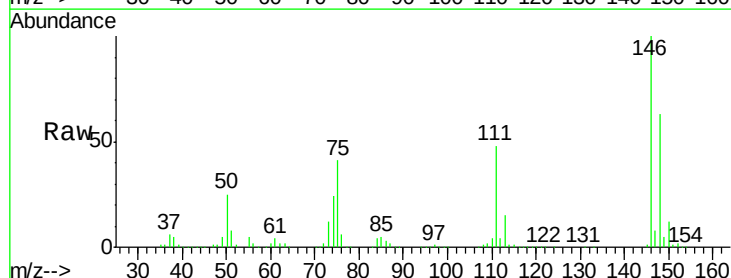
Instrument :
BNA_F
ClientSampleId :
T-14CMSD

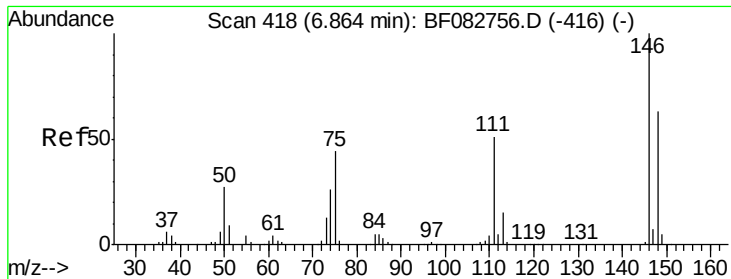
Tgt Ion: 93 Resp: 731315
Ion Ratio Lower Upper
93 100
63 82.3 72.7 112.7
95 33.4 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 34.86 ng
RT: 6.83 min Scan# 415
Delta R.T. 0.03 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

Tgt Ion: 146 Resp: 720385
Ion Ratio Lower Upper
146 100
148 63.3 50.5 75.7
75 41.1 39.5 59.3

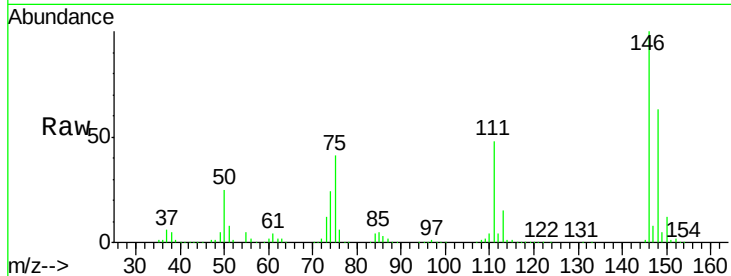




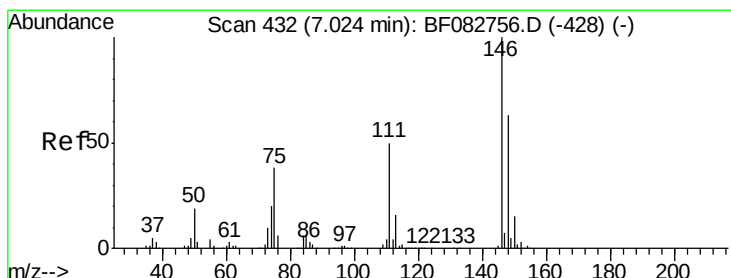
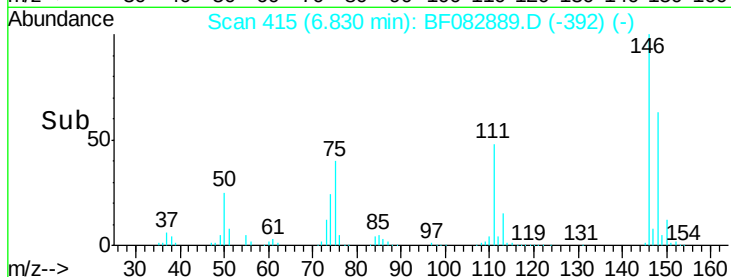
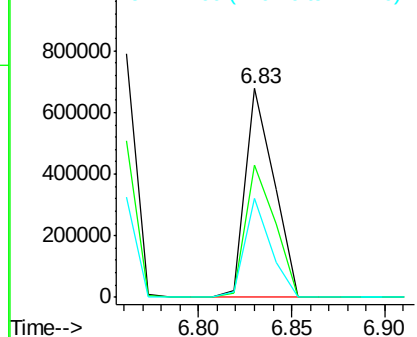
#13
 1,4-Dichlorobenzene
 Concen: 33.51 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.03 min
 Lab File: BF082889.D
 Acq: 11 Nov 2015 00:38

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

Tgt Ion:146 Resp: 720385
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.8 76.2
 111 47.5 40.6 60.8

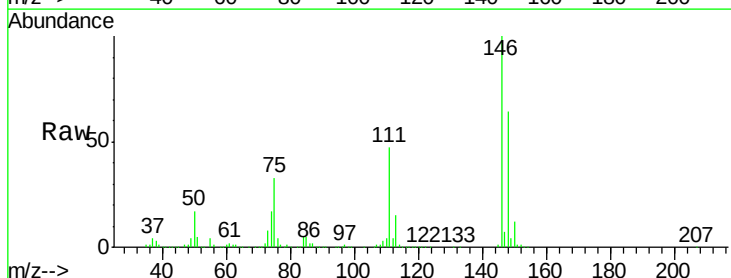


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

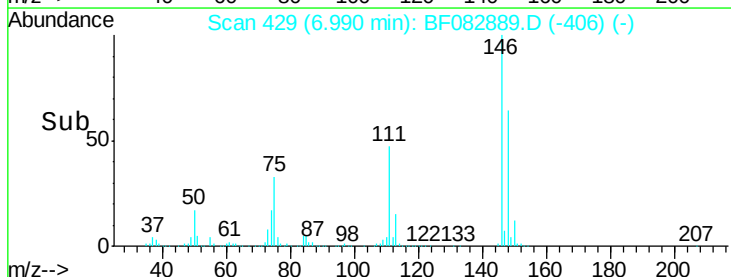
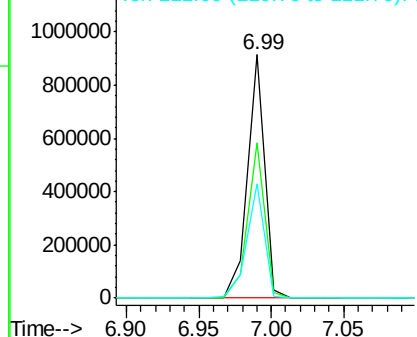


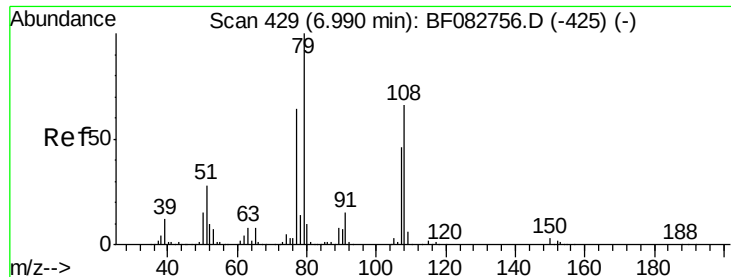
#14
 1,2-Dichlorobenzene
 Concen: 38.16 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.03 min
 Lab File: BF082889.D
 Acq: 11 Nov 2015 00:38

Tgt Ion:146 Resp: 746038
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.2 78.4
 111 46.8 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: 39.59 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.02 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

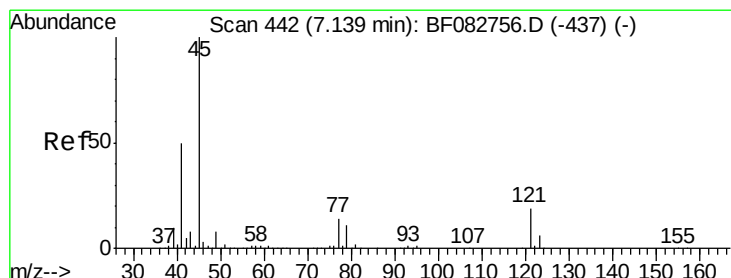
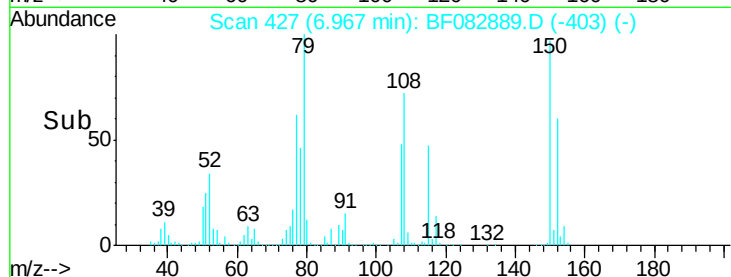
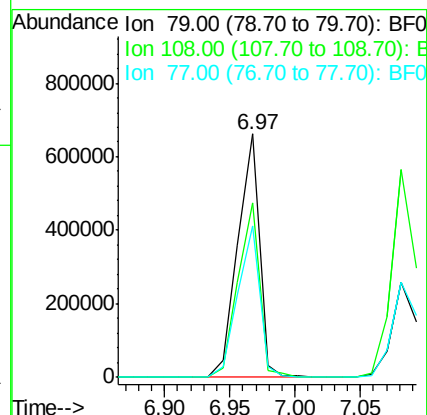
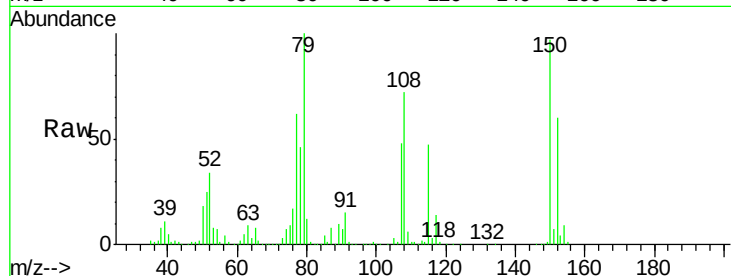
Tgt Ion: 79 Resp: 763983

Ion Ratio Lower Upper

79 100

108 71.5 52.2 78.4

77 62.3 52.7 79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.71 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

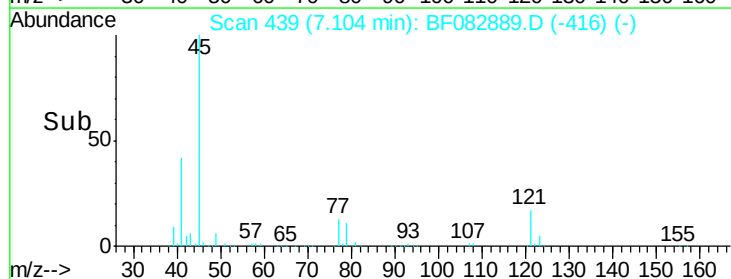
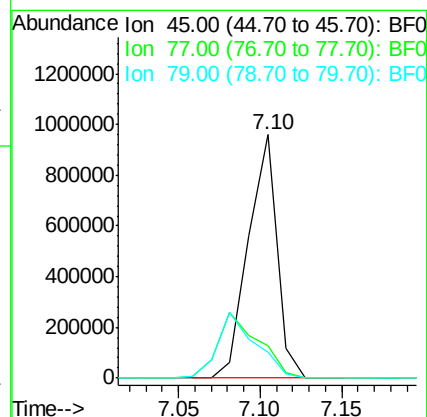
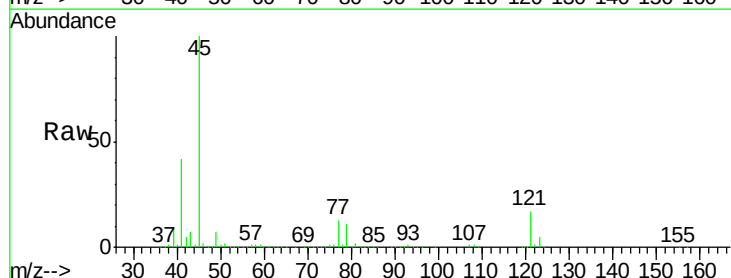
Tgt Ion: 45 Resp: 1168006

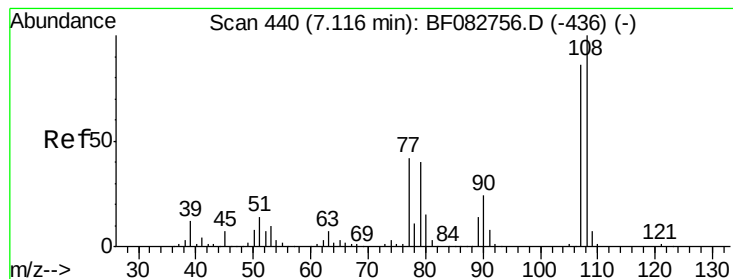
Ion Ratio Lower Upper

45 100

77 13.4 0.0 32.6

79 10.6 0.0 29.2





#17

2-Methylphenol

Concen: 40.25 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

Tgt Ion:107 Resp: 624562

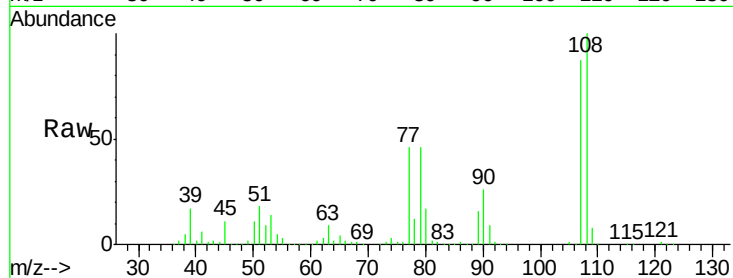
Ion Ratio Lower Upper

107 100

108 114.8 93.0 139.4

77 52.7 44.1 66.1

79 52.2 43.6 65.4

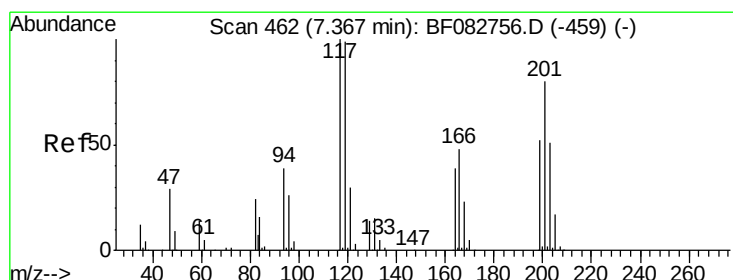
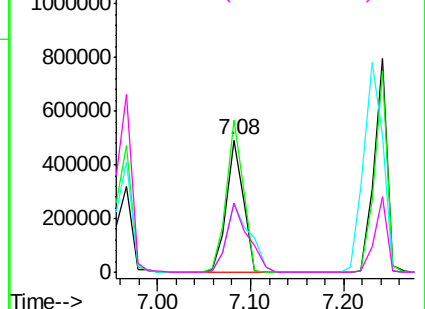
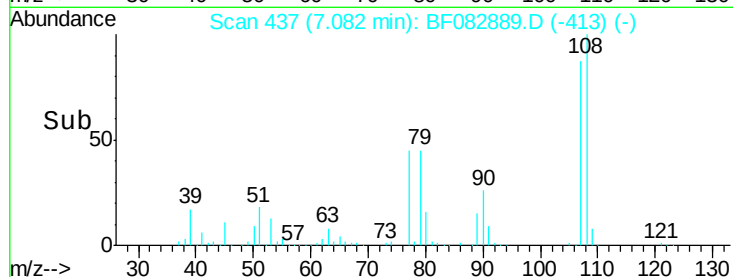


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 35.42 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.03 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

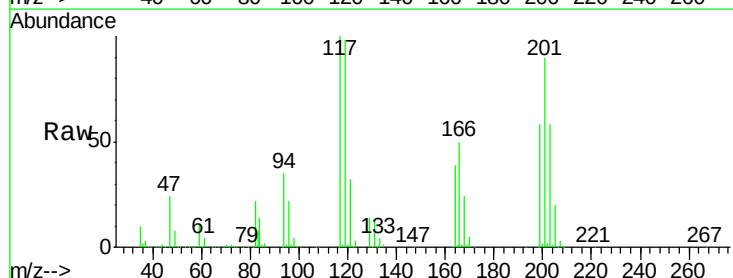
Tgt Ion:117 Resp: 272377

Ion Ratio Lower Upper

117 100

119 97.6 77.7 116.5

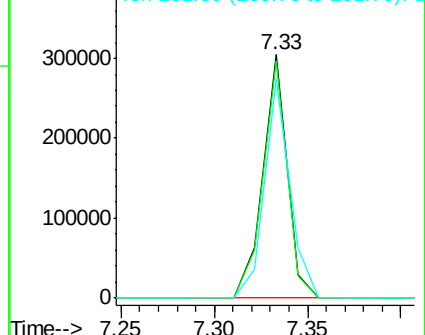
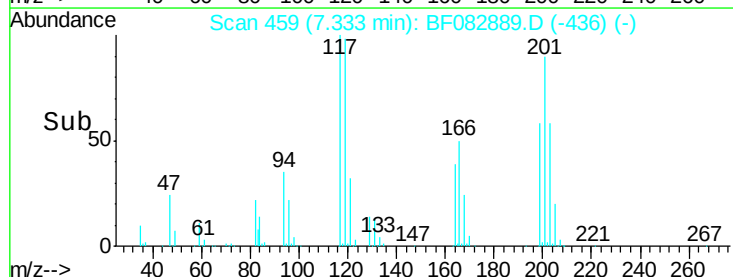
201 90.1 66.7 100.1

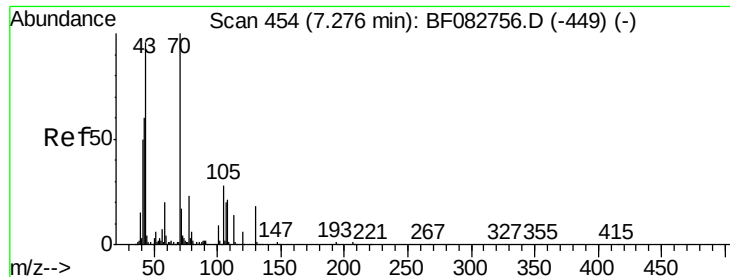


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

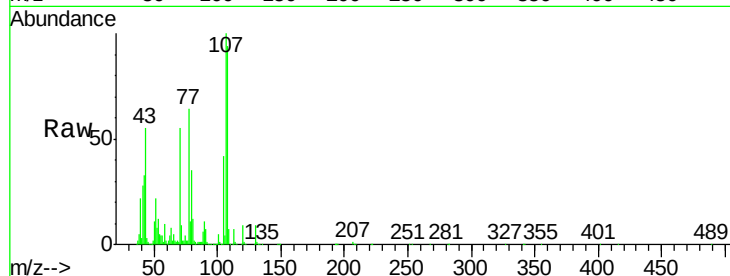




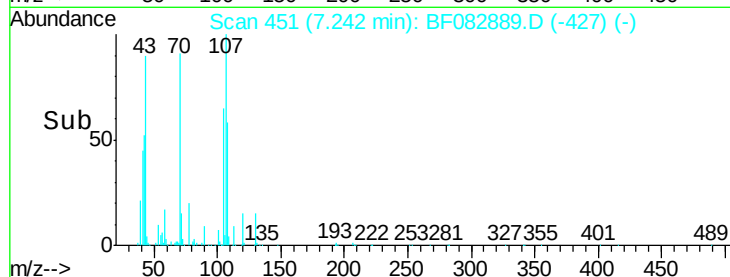
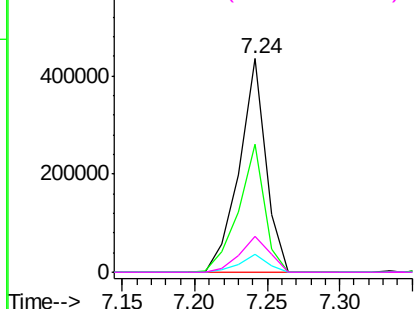
#19
n-Nitroso-di-n-propylamine
Concen: 34.35 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

Instrument :
BNA_F
ClientSampleId :
T-14CMSD

Tgt Ion: 70 Resp: 554787
Ion Ratio Lower Upper
70 100
42 60.1 57.7 86.5
101 8.5 7.0 10.6
130 16.9 11.8 17.6



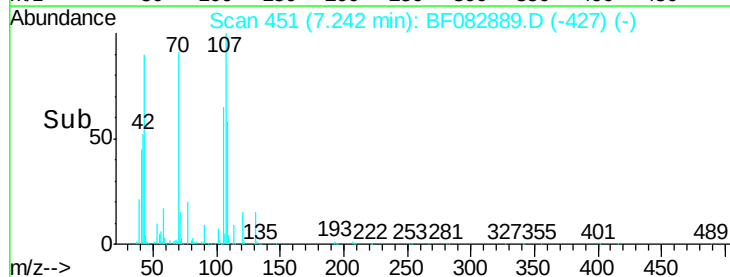
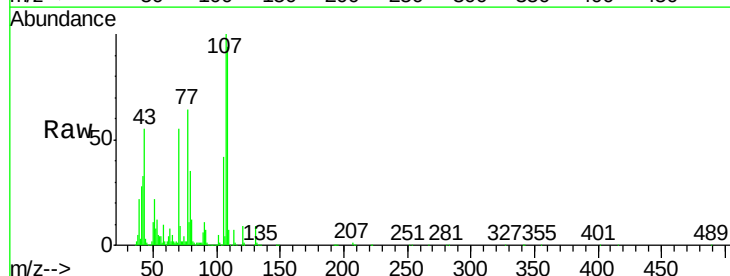
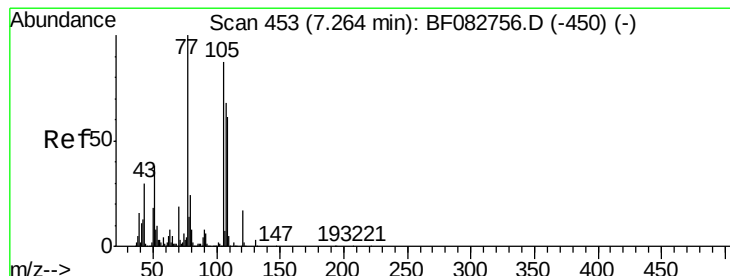
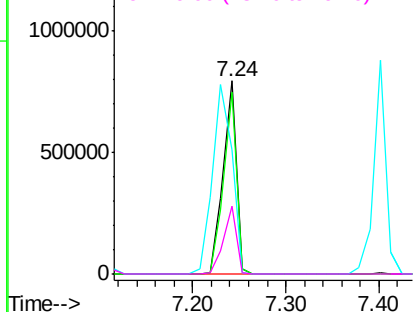
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

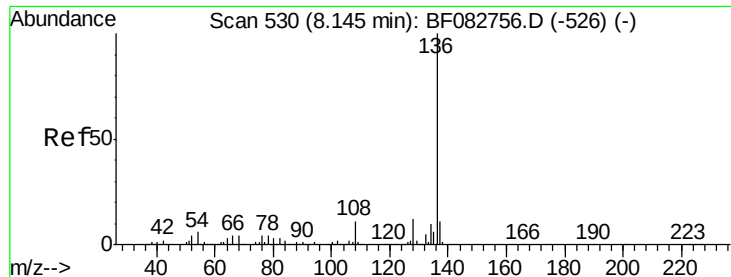


#20
3+4-Methylphenols
Concen: 38.73 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

Tgt Ion: 107 Resp: 781462
Ion Ratio Lower Upper
107 100
108 94.3 67.3 107.3
77 64.0 100.3 140.3#
79 35.3 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

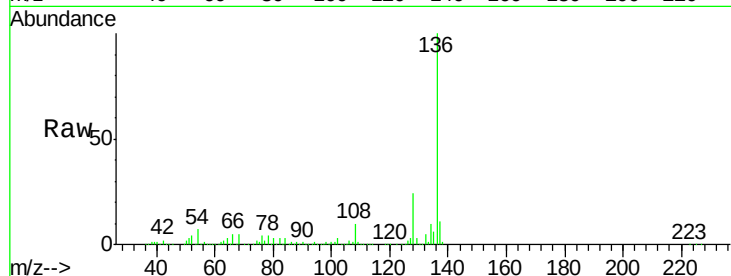




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

Instrument :
BNA_F
ClientSampleId :
T-14CMSD

Tgt Ion:	136	Resp:	974064
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.8	9.1	13.7#
68	5.4	4.8	7.2



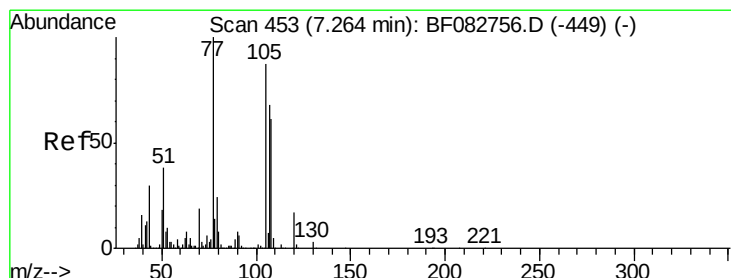
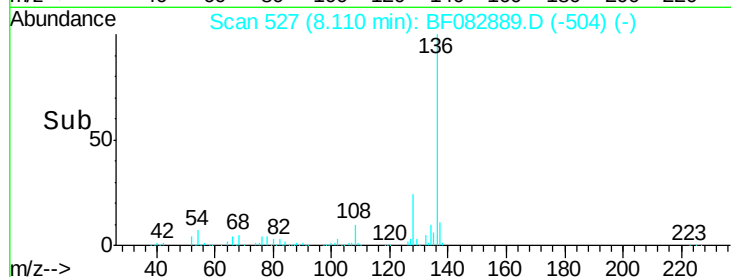
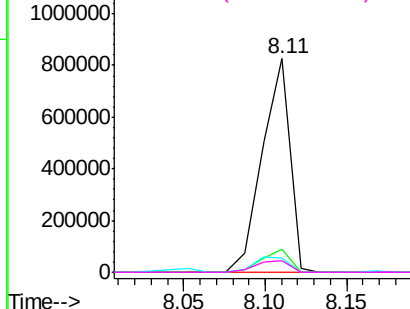
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

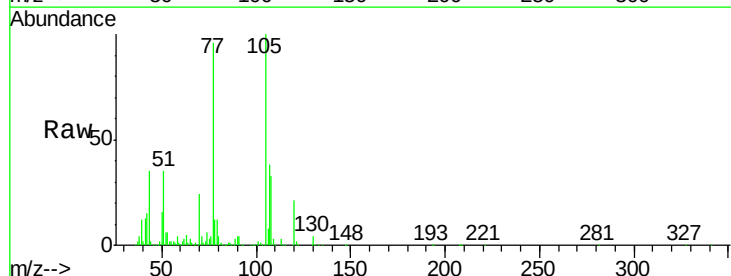
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 37.62 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

Tgt Ion:	105	Resp:	1050050
Ion	Ratio	Lower	Upper
105	100		
71	4.1	5.6	8.4#
51	34.8	24.9	37.3
120	20.6	15.8	23.8



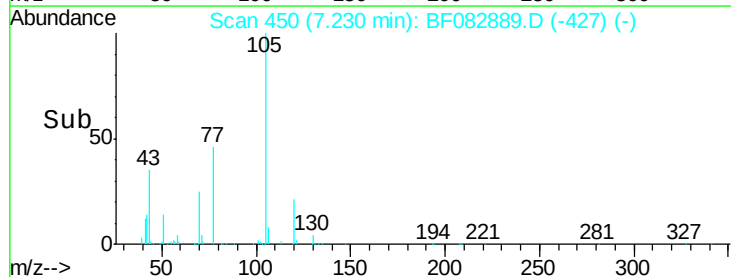
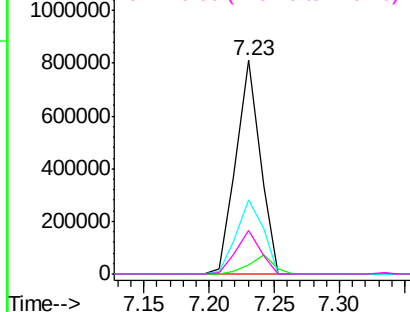
Abundance

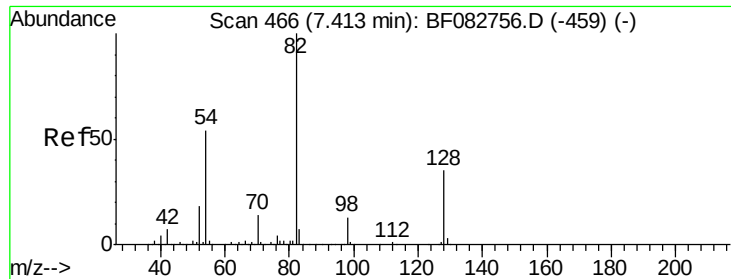
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

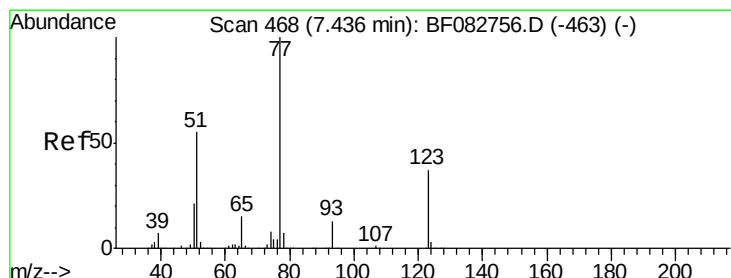
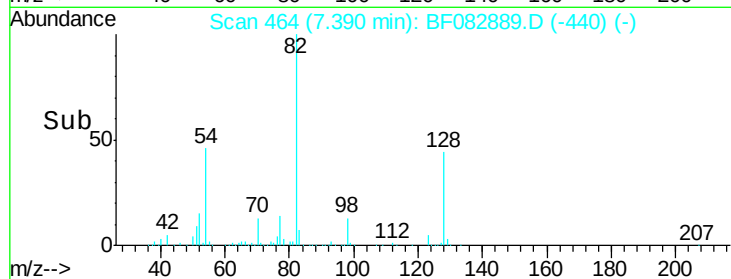
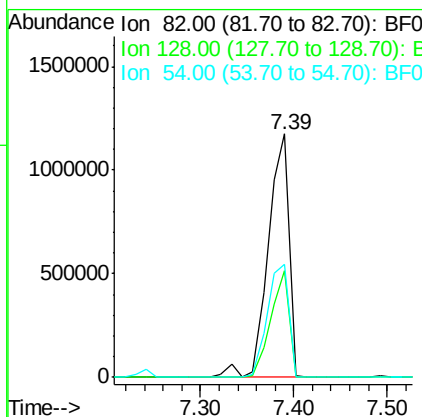
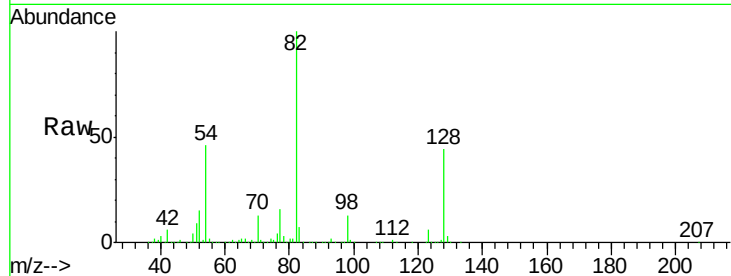




#23
 Nitrobenzene-d5
 Concen: 81.43 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: BF082889.D
 Acq: 11 Nov 2015 00:38

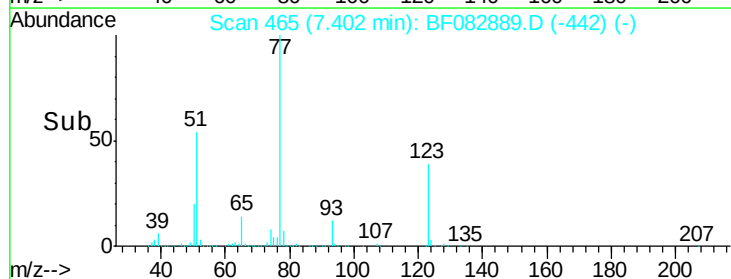
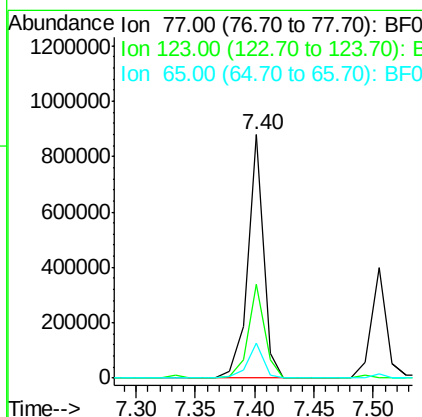
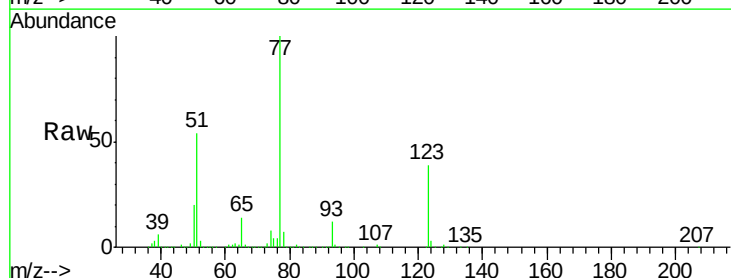
Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

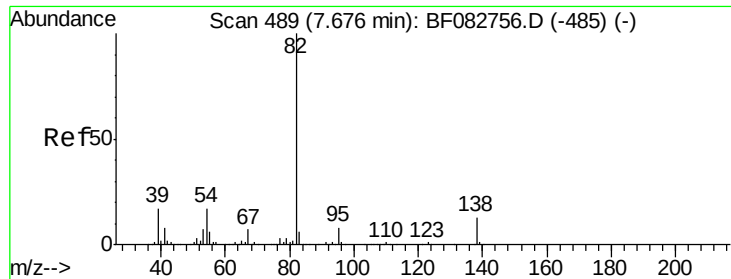
Tgt Ion: 82 Resp: 1822910
 Ion Ratio Lower Upper
 82 100
 128 43.6 26.8 40.2#
 54 46.4 45.7 68.5



#24
 Nitrobenzene
 Concen: 35.31 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.03 min
 Lab File: BF082889.D
 Acq: 11 Nov 2015 00:38

Tgt Ion: 77 Resp: 808453
 Ion Ratio Lower Upper
 77 100
 123 38.5 36.4 54.6
 65 14.4 11.5 17.3





#25

Isophorone

Concen: 39.73 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

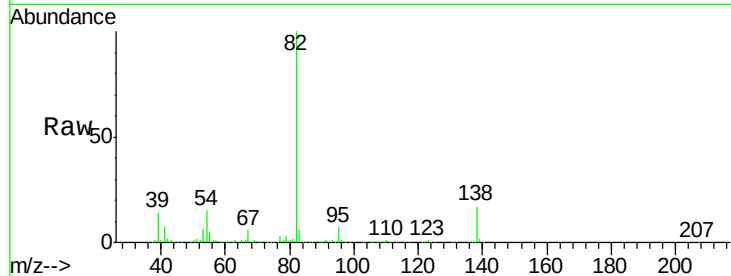
Tgt Ion: 82 Resp: 1645544

Ion Ratio Lower Upper

82 100

95 7.1 6.6 9.8

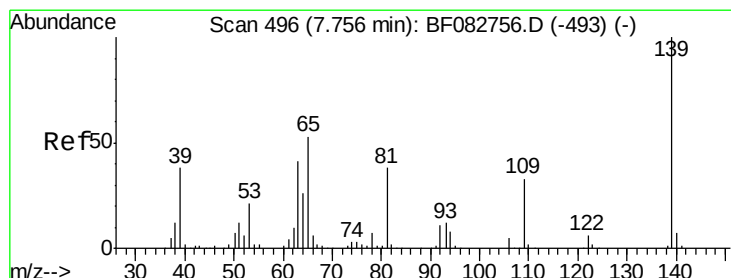
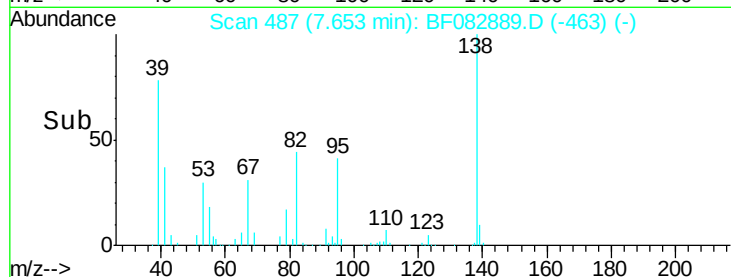
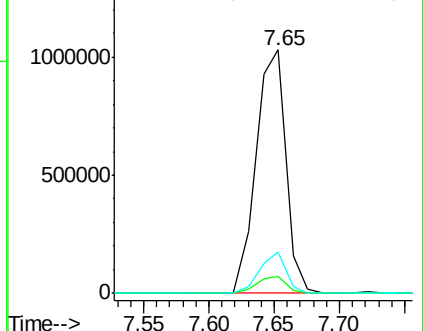
138 17.1 11.4 17.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.75 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

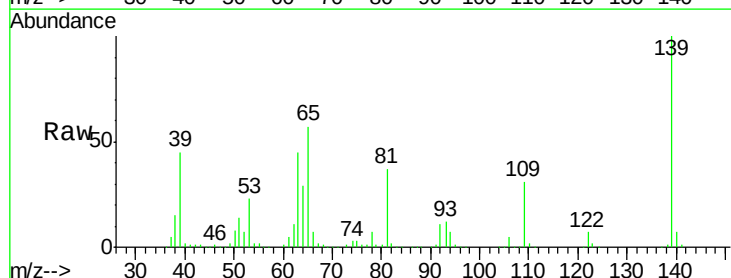
Tgt Ion: 139 Resp: 408503

Ion Ratio Lower Upper

139 100

109 30.6 37.6 56.4#

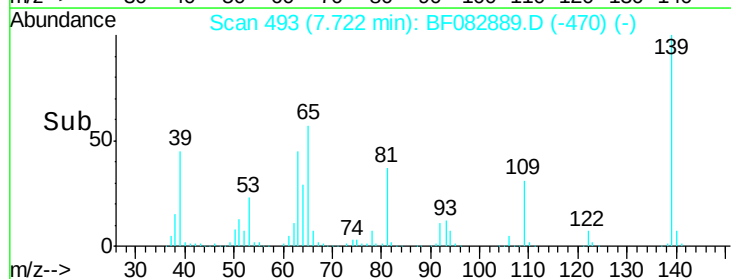
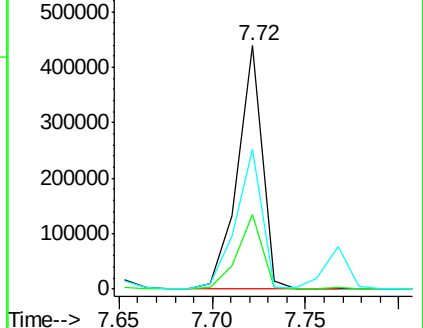
65 57.3 70.6 105.8#

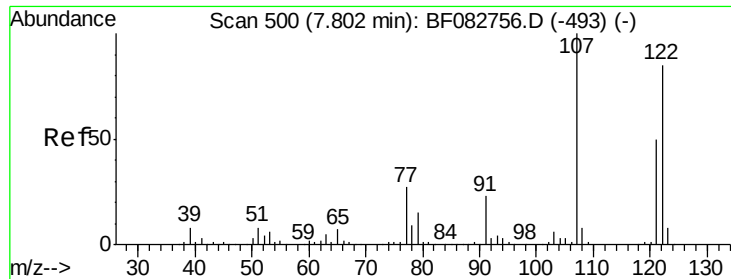


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

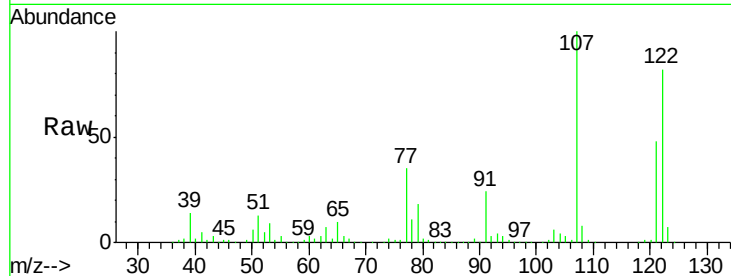




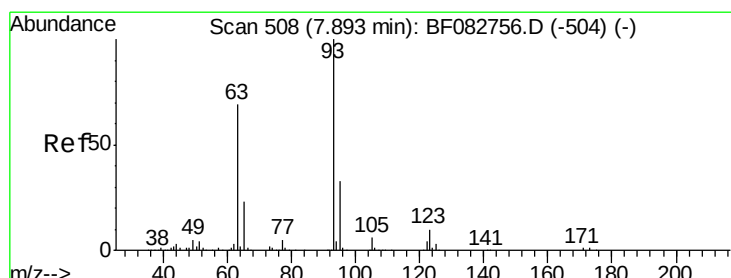
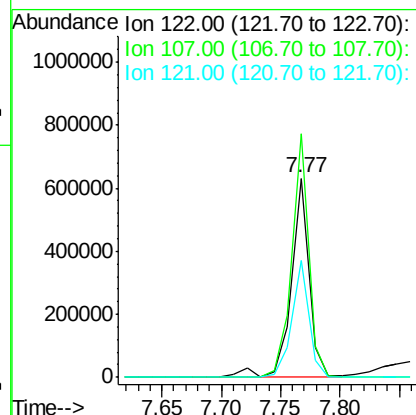
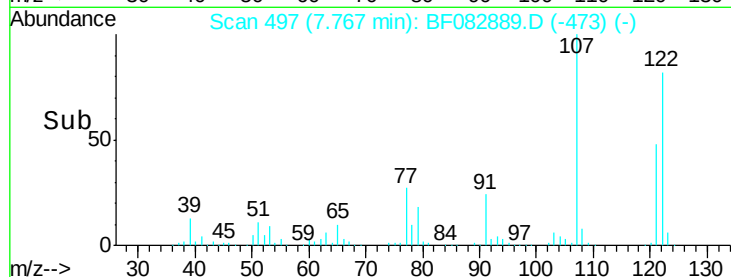
#27
 2,4-Dimethylphenol
 Concen: 38.20 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.02 min
 Lab File: BF082889.D
 Acq: 11 Nov 2015 00:38

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

Tgt Ion:122 Resp: 655930
 Ion Ratio Lower Upper
 122 100
 107 122.2 106.0 159.0
 121 58.4 46.7 70.1

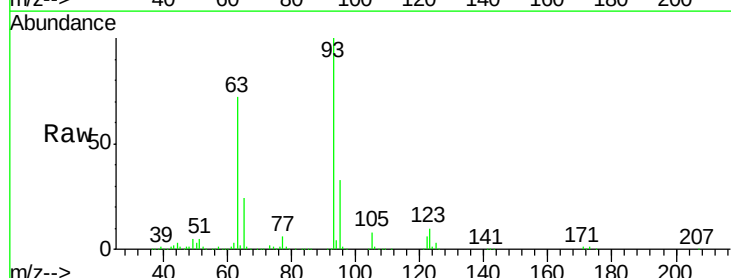


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

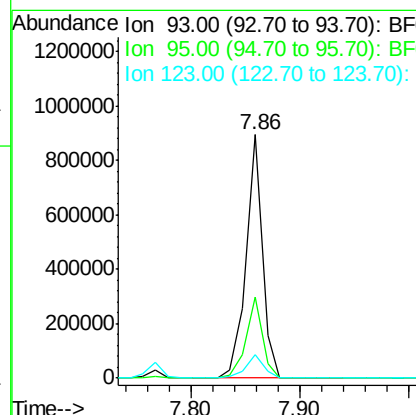
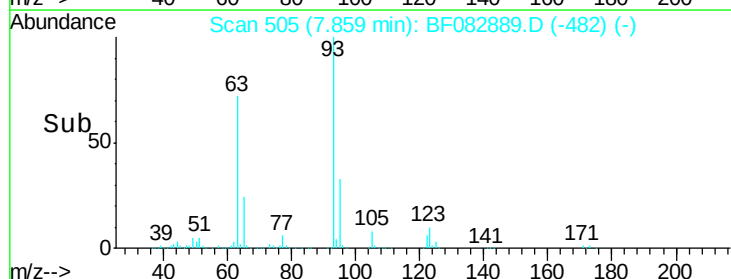


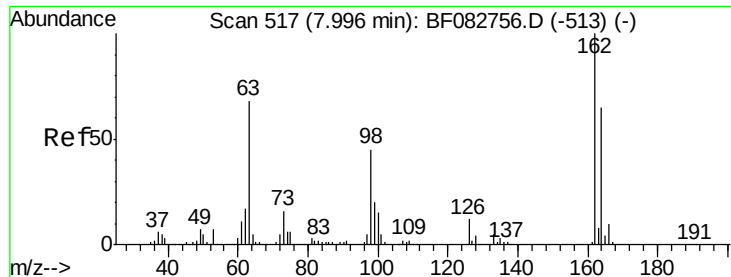
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.40 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.03 min
 Lab File: BF082889.D
 Acq: 11 Nov 2015 00:38

Tgt Ion: 93 Resp: 920502
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.6 40.0
 123 9.8 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

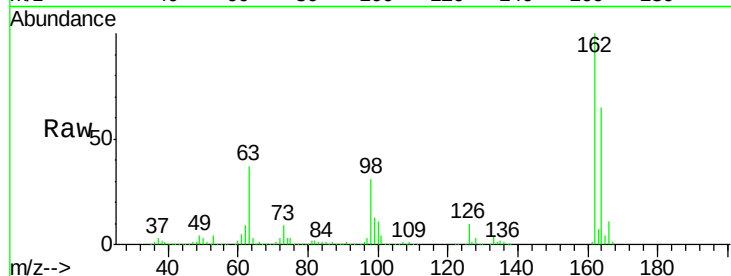




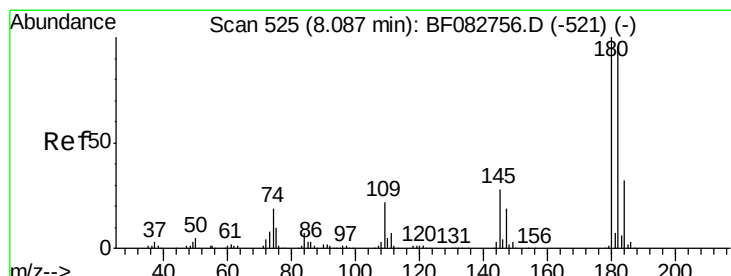
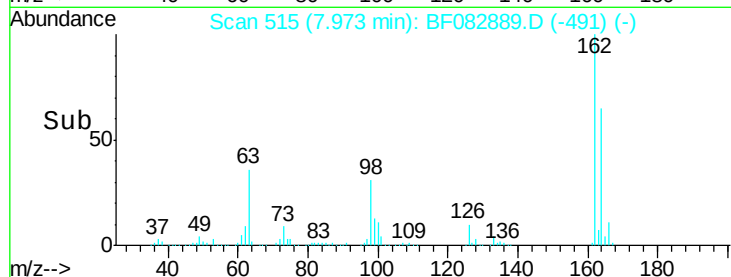
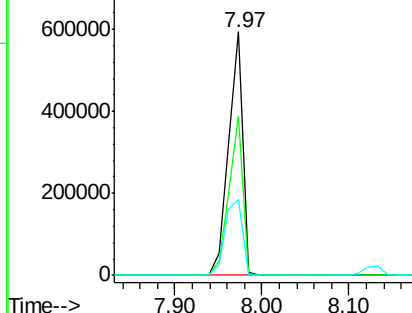
#29
2,4-Dichlorophenol
Concen: 42.92 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

Instrument :
BNA_F
ClientSampleId :
T-14CMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	46.8	86.8
98	31.3	12.5	52.5

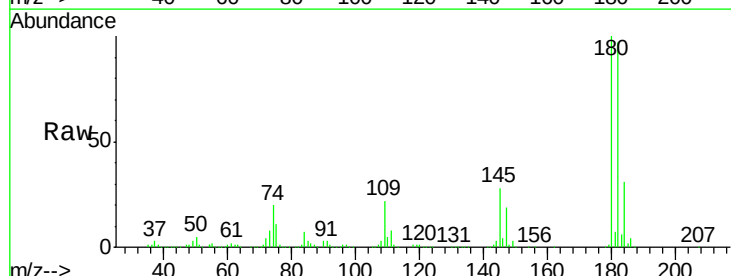


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

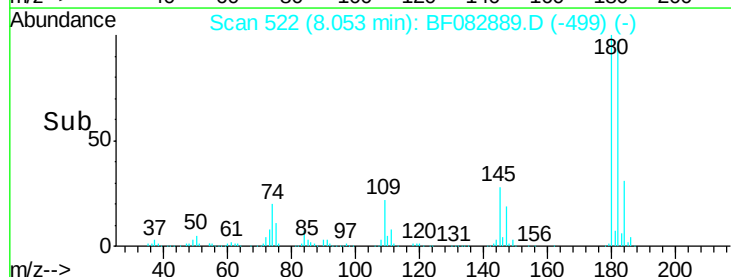
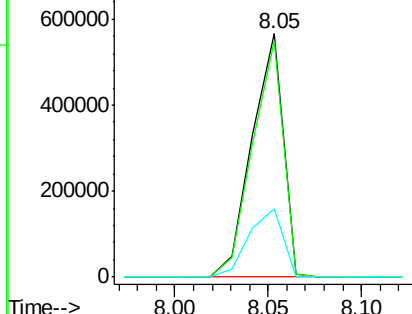


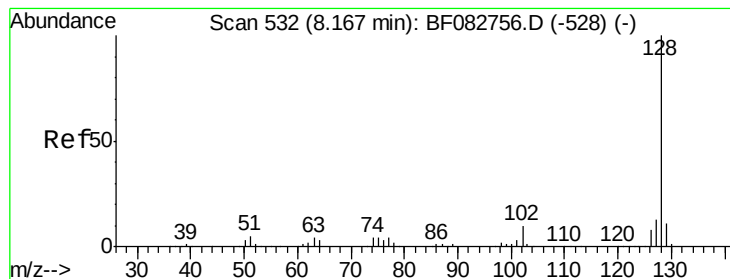
#30
1,2,4-Trichlorobenzene
Concen: 37.47 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.03 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	74.9	112.3
145	28.1	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: 37.60 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

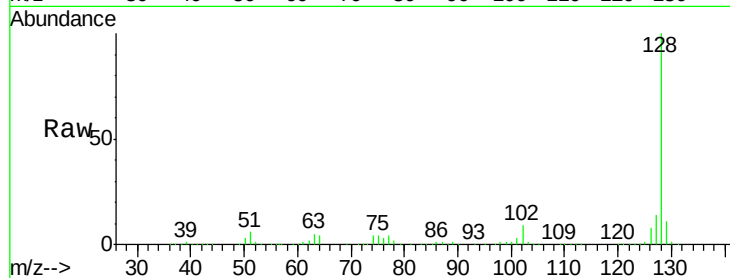
Tgt Ion:128 Resp: 2020713

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

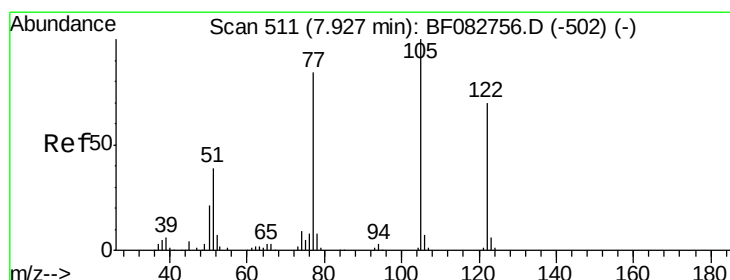
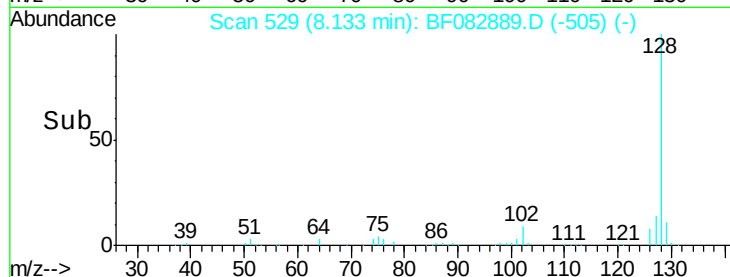
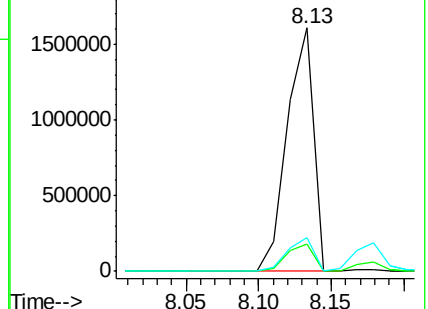
127 13.7 11.4 17.0



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: 13.57 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.03 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

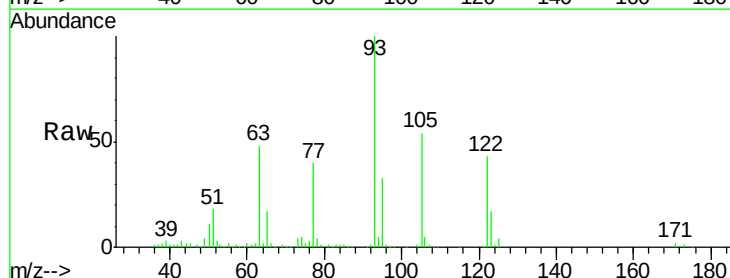
Tgt Ion:122 Resp: 159506

Ion Ratio Lower Upper

122 100

105 124.8 122.6 162.6

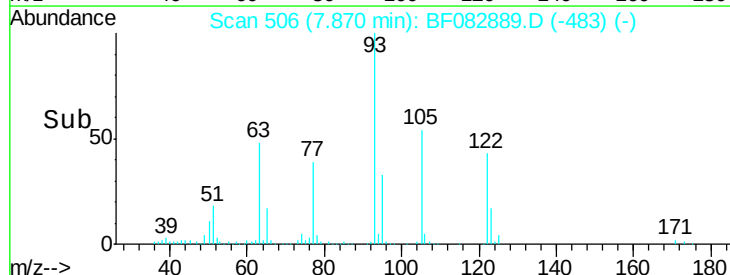
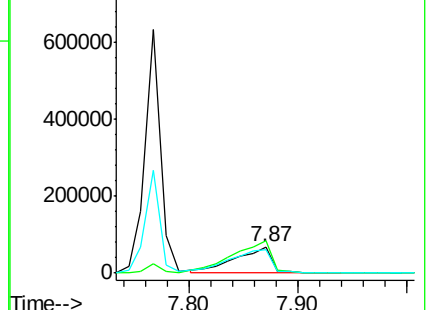
77 91.7 100.9 140.9#

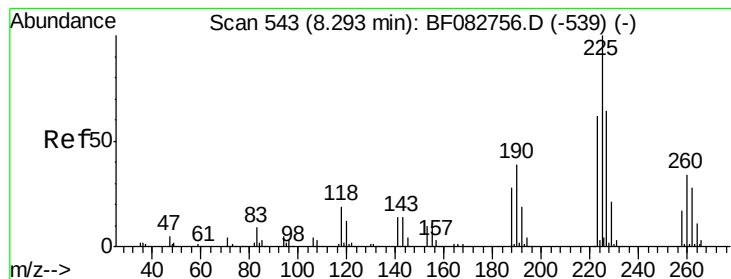


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#34

Hexachlorobutadiene

Concen: 34.20 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.03 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

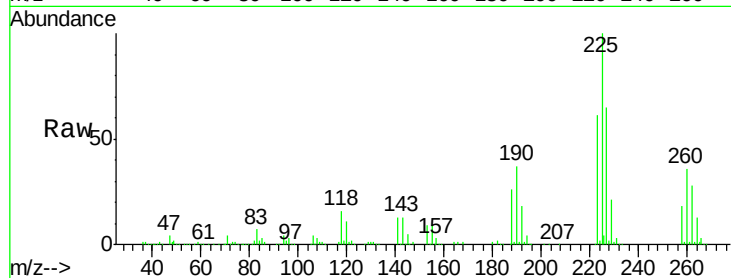
Tgt Ion:225 Resp: 373435

Ion Ratio Lower Upper

225 100

223 60.9 50.5 75.7

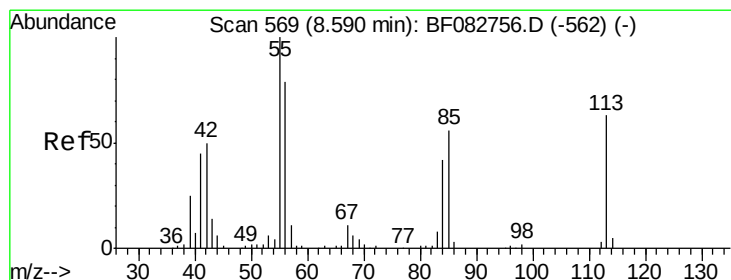
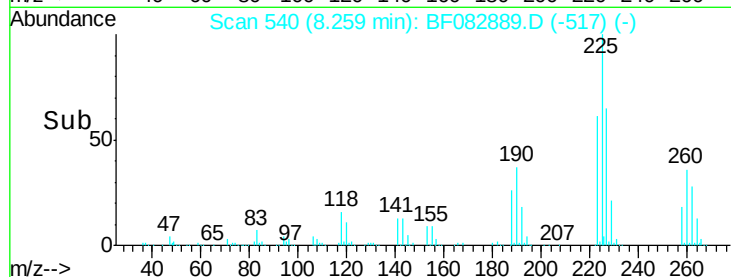
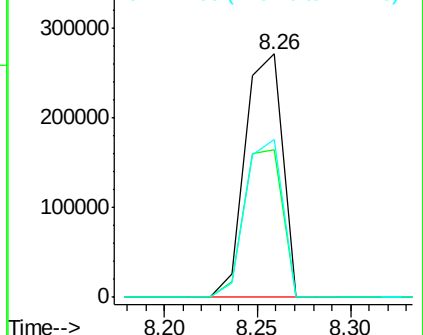
227 64.9 50.2 75.2



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: 25.96 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

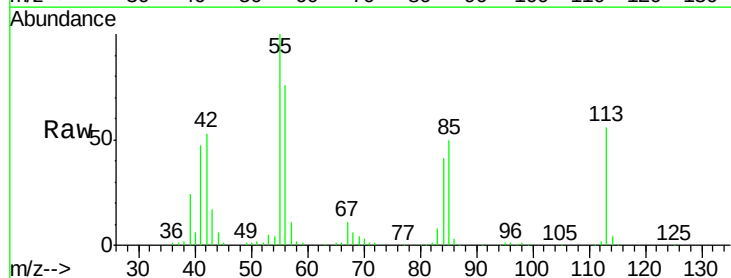
Tgt Ion:113 Resp: 127020

Ion Ratio Lower Upper

113 100

55 178.5 195.5 235.5#

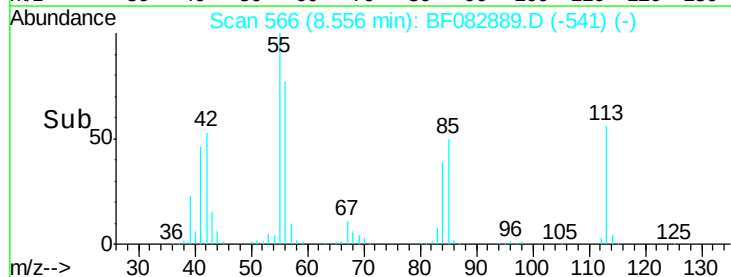
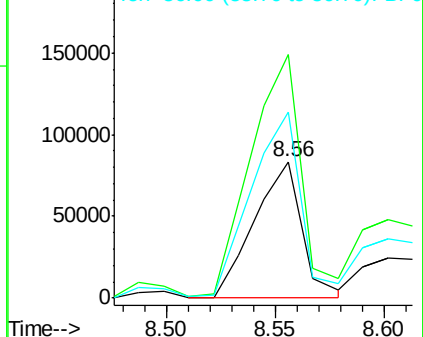
56 136.2 153.5 193.5#

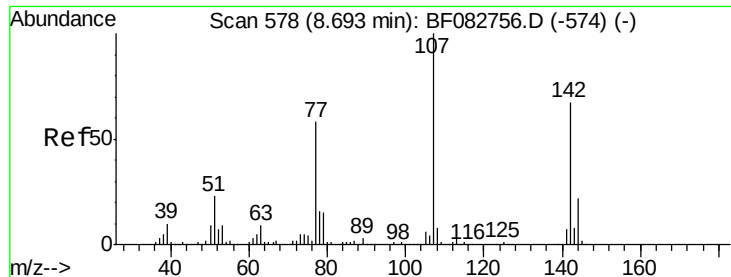


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

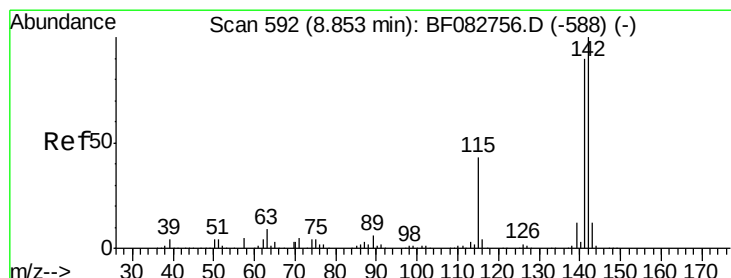
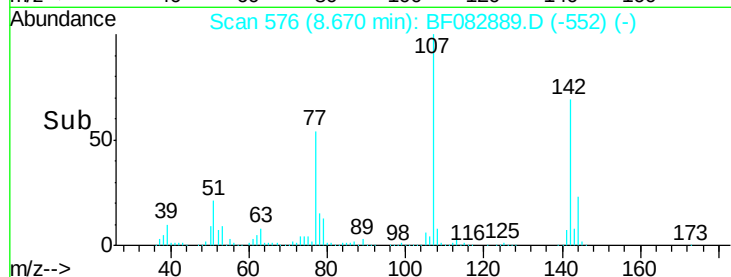
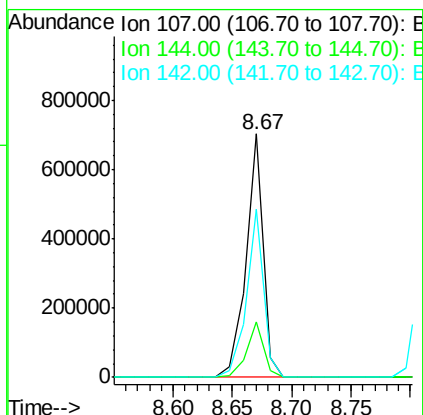
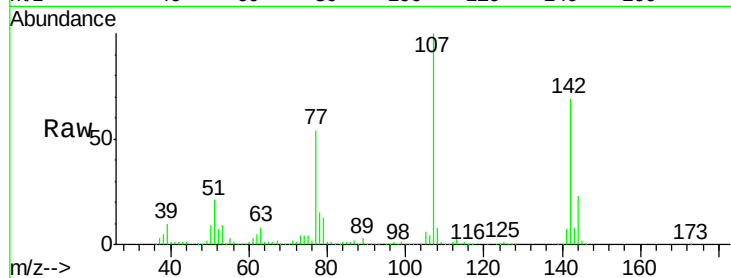




#36
4-Chloro-3-methylphenol
Concen: 39.06 ng
RT: 8.67 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

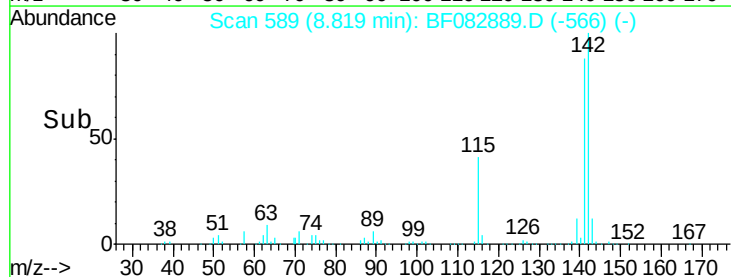
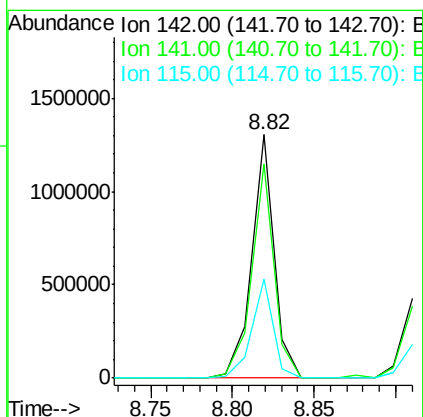
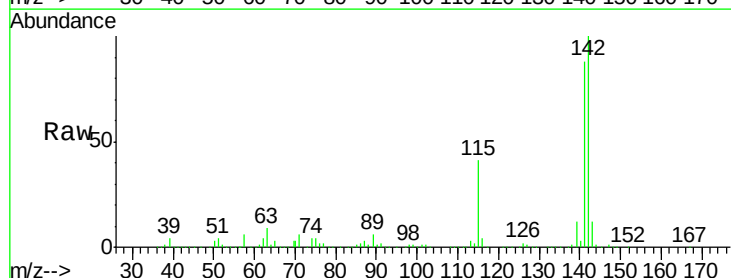
Instrument :
BNA_F
ClientSampleId :
T-14CMSD

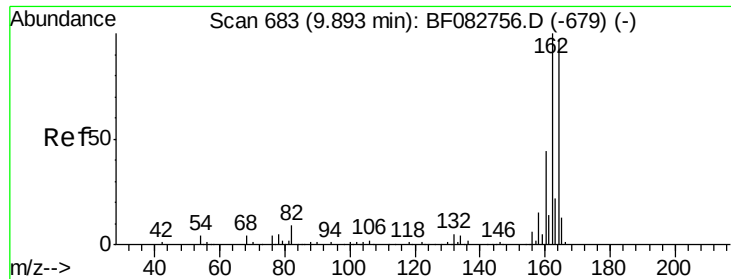
Tgt Ion:107 Resp: 712732
Ion Ratio Lower Upper
107 100
144 23.0 15.4 23.0
142 69.1 47.8 71.8



#37
2-Methylnaphthalene
Concen: 35.81 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.03 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

Tgt Ion:142 Resp: 1244926
Ion Ratio Lower Upper
142 100
141 88.1 72.3 108.5
115 40.6 38.1 57.1

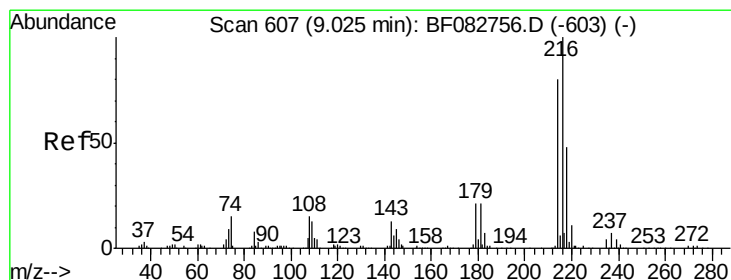
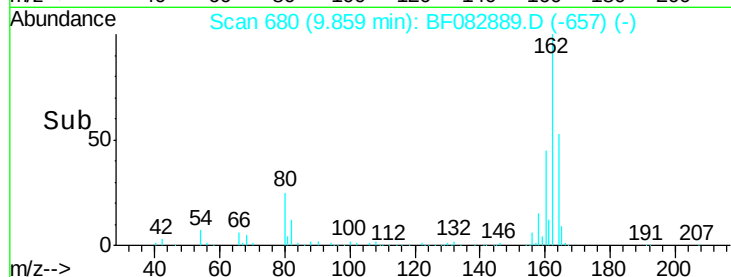
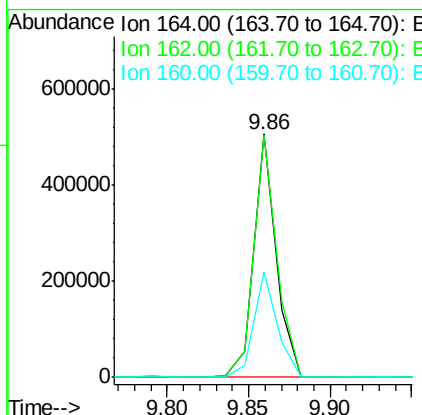
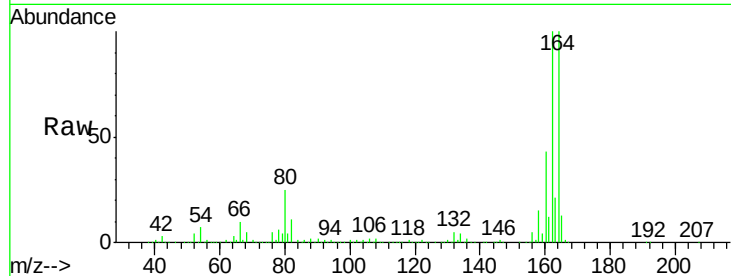




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

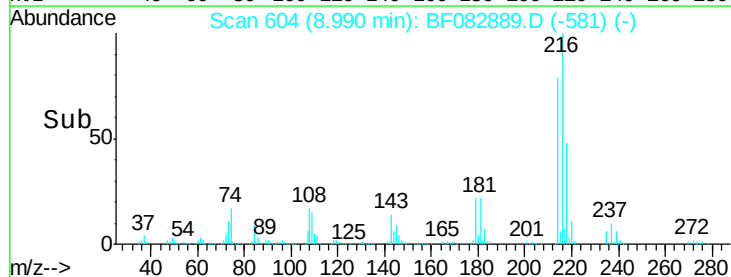
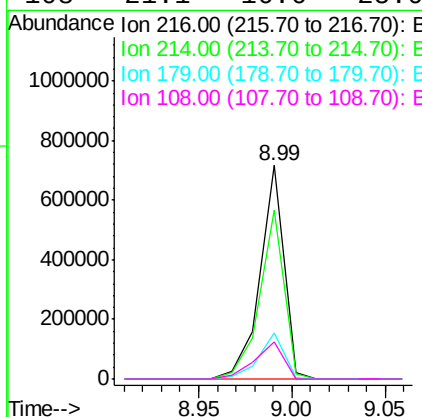
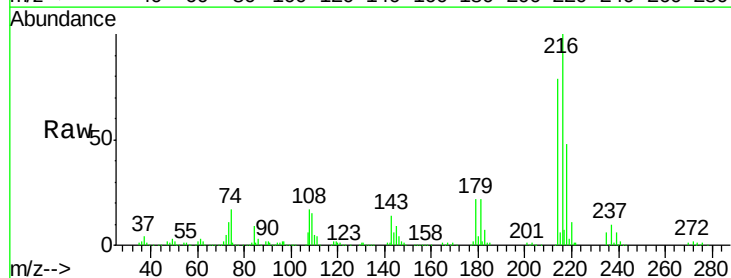
Instrument :
BNA_F
ClientSampleId :
T-14CMSD

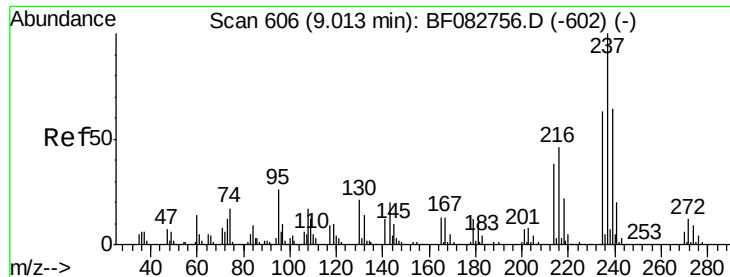
Tgt Ion:164 Resp: 482241
Ion Ratio Lower Upper
164 100
162 99.5 84.9 127.3
160 43.3 37.5 56.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.05 ng
RT: 8.99 min Scan# 604
Delta R.T. -0.03 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

Tgt Ion:216 Resp: 634714
Ion Ratio Lower Upper
216 100
214 80.2 62.2 93.2
179 22.3 18.1 27.1
108 21.1 16.6 25.0

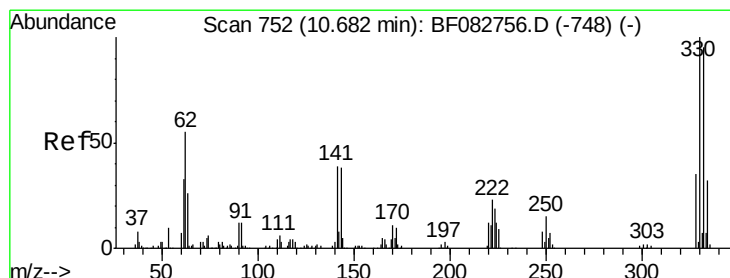
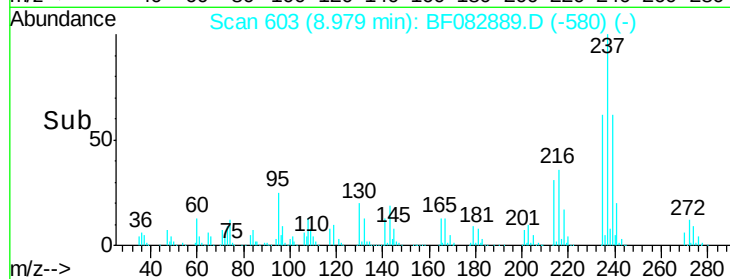
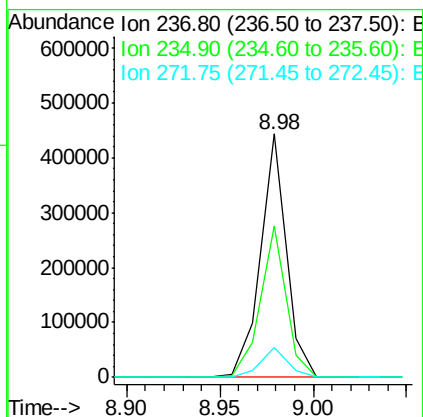
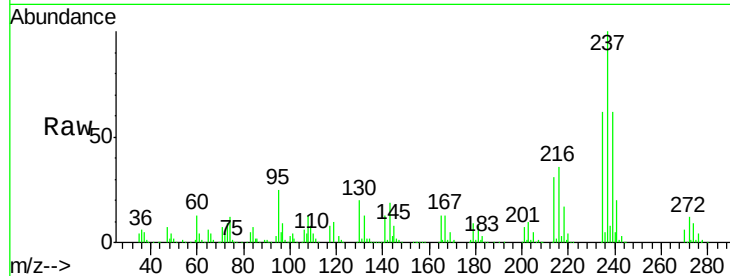




#40
Hexachlorocyclopentadiene
Concen: 49.82 ng
RT: 8.98 min Scan# 603
Delta R.T. -0.03 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

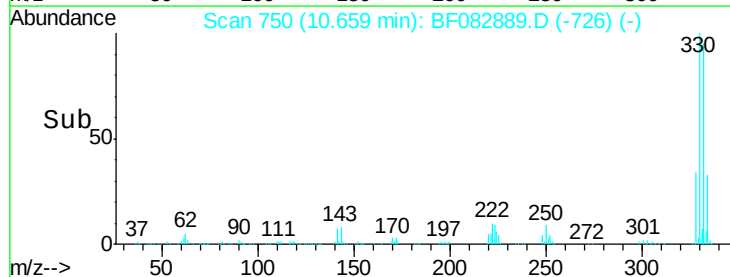
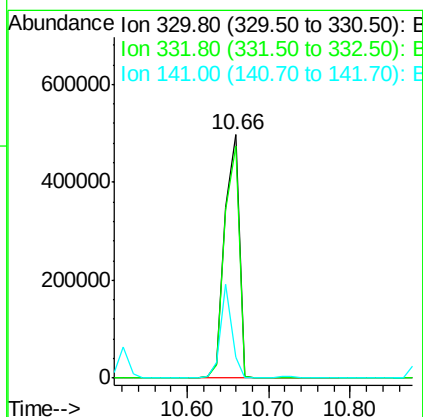
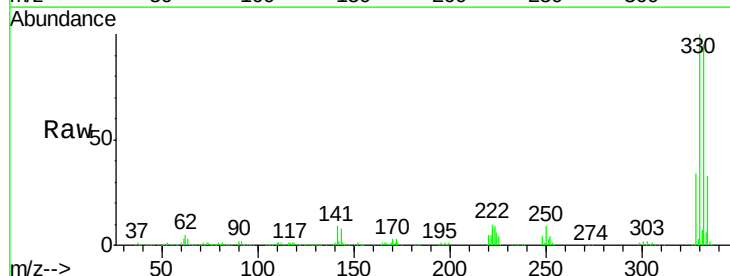
Instrument :
BNA_F
ClientSampleId :
T-14CMSD

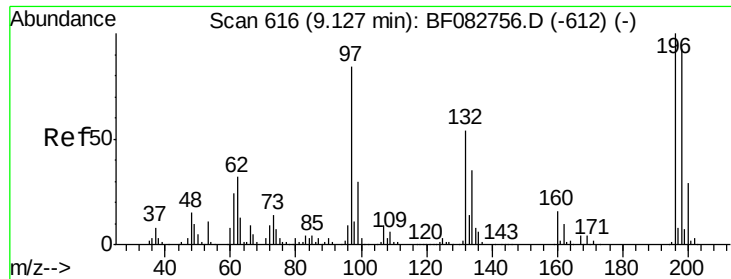
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.0	44.3	84.3
272	12.1	0.0	31.9



#41
2,4,6-Tribromophenol
Concen: 110.10 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	30.5	41.2	61.8#

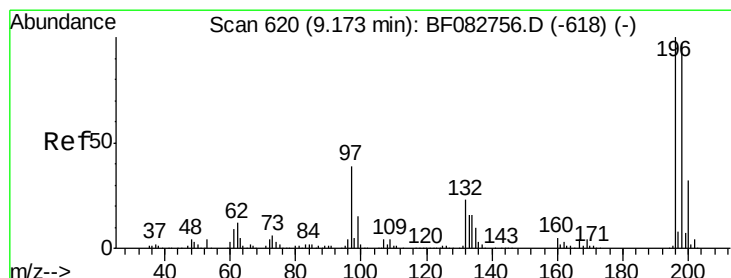
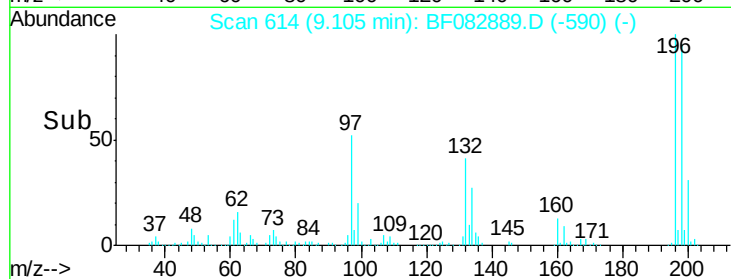
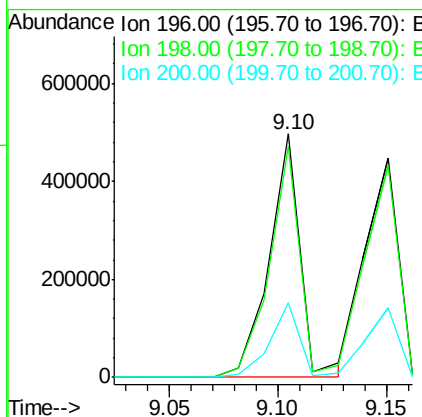
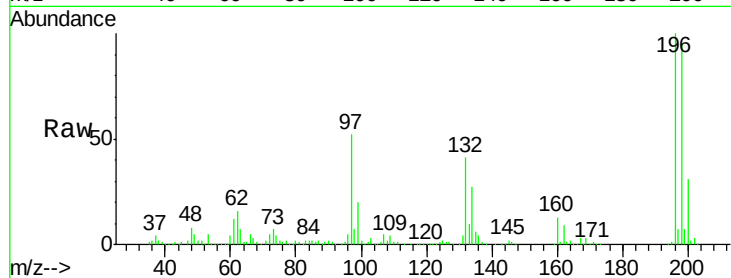




#42
2,4,6-Trichlorophenol
Concen: 42.18 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.02 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

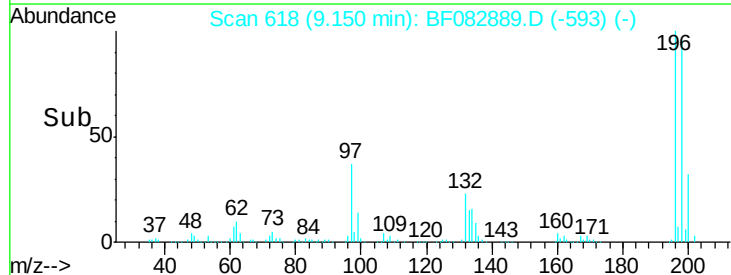
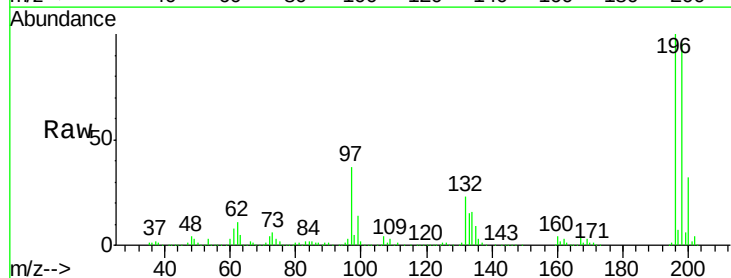
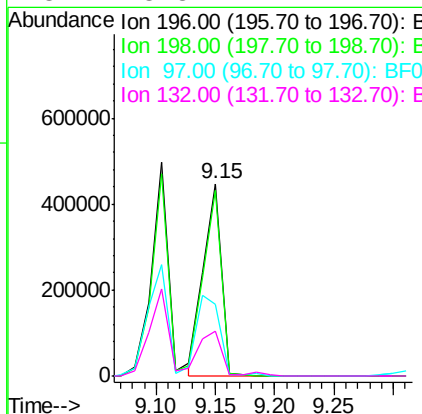
Instrument :
BNA_F
ClientSampleId :
T-14CMSD

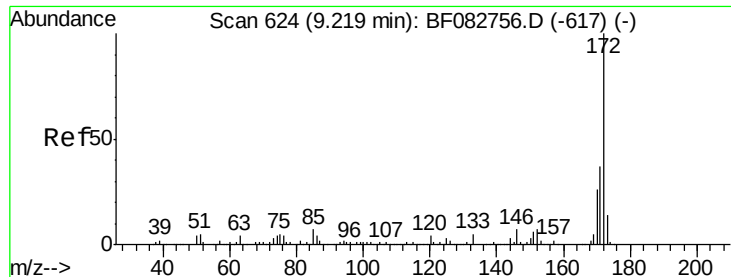
Tgt Ion:196 Resp: 498975
Ion Ratio Lower Upper
196 100
198 95.0 76.3 114.5
200 30.8 23.9 35.9



#43
2,4,5-Trichlorophenol
Concen: 41.09 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

Tgt Ion:196 Resp: 480729
Ion Ratio Lower Upper
196 100
198 96.3 75.8 113.8
97 37.1 62.3 93.5#
132 23.3 27.4 41.2#





#44

2-Fluorobiphenyl

Concen: 60.99 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.03 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

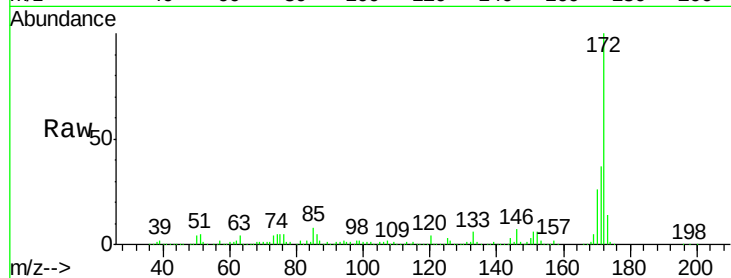
Tgt Ion:172 Resp: 2051966

Ion Ratio Lower Upper

172 100

171 37.4 30.8 46.2

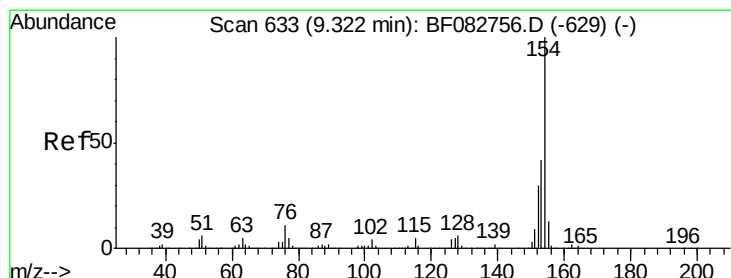
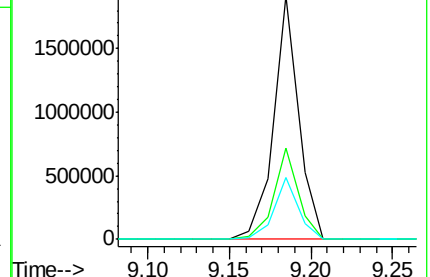
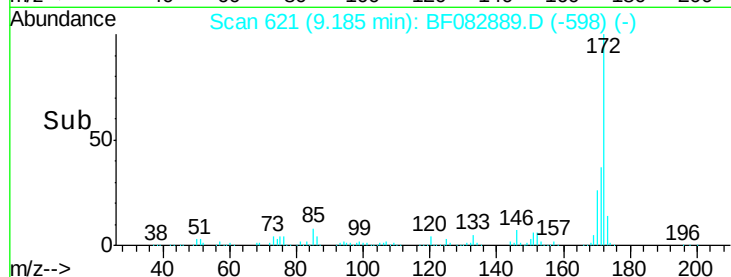
170 25.5 21.2 31.8



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: 39.06 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.03 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

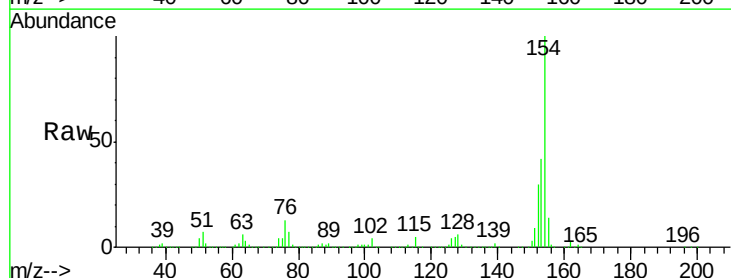
Tgt Ion:154 Resp: 1616160

Ion Ratio Lower Upper

154 100

153 42.1 22.0 62.0

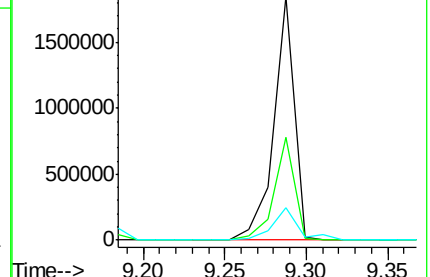
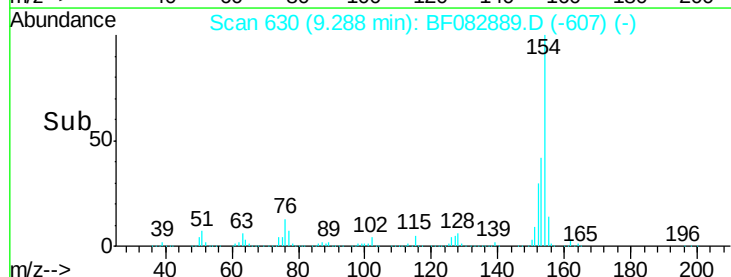
76 13.3 0.0 29.0

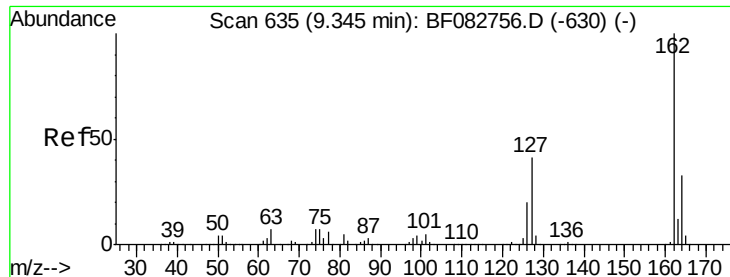


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

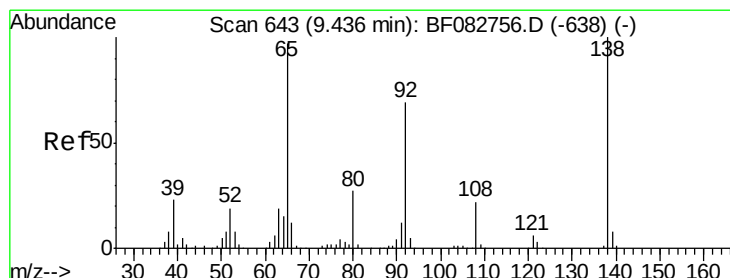
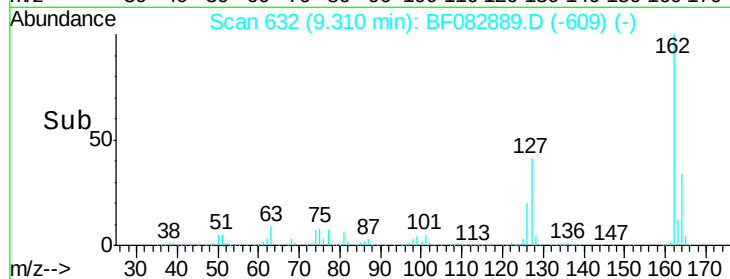
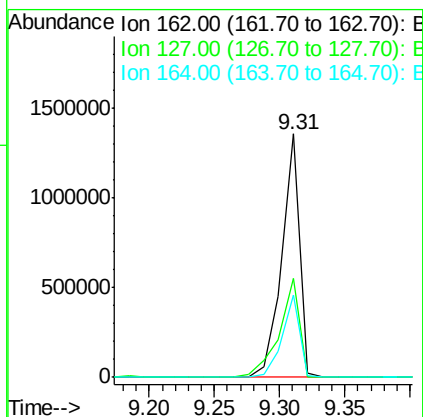
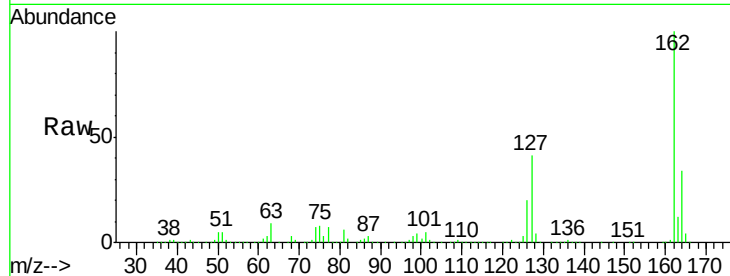




#46
 2-Chloronaphthalene
 Concen: 40.16 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.03 min
 Lab File: BF082889.D
 Acq: 11 Nov 2015 00:38

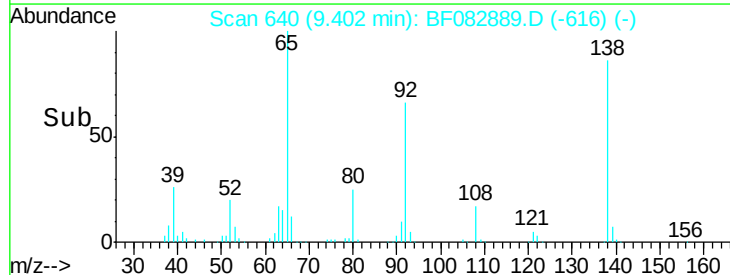
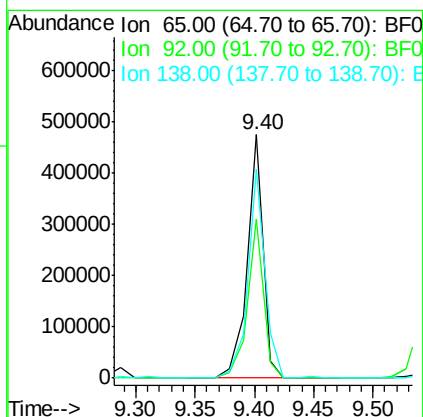
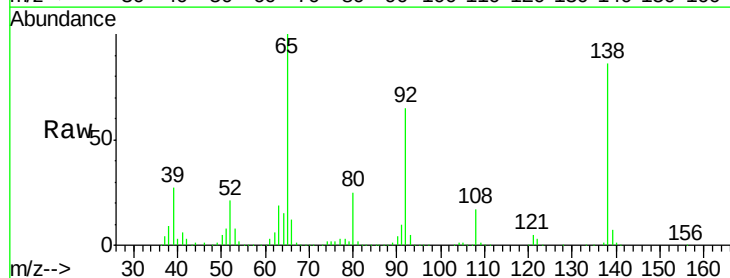
Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

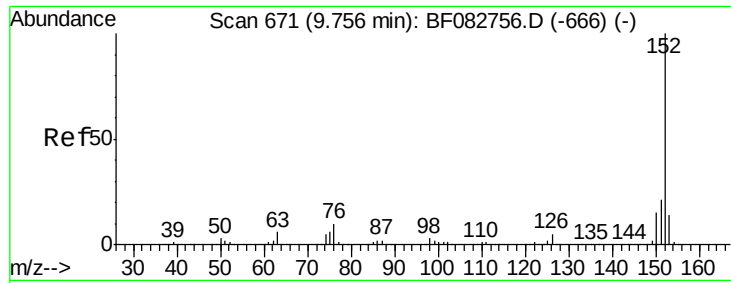
Tgt Ion: 162 Resp: 1296314
 Ion Ratio Lower Upper
 162 100
 127 40.9 32.7 49.1
 164 33.8 27.4 41.0



#47
 2-Nitroaniline
 Concen: 37.26 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF082889.D
 Acq: 11 Nov 2015 00:38

Tgt Ion: 65 Resp: 446182
 Ion Ratio Lower Upper
 65 100
 92 65.4 46.6 70.0
 138 85.7 54.6 81.8#





#48

Acenaphthylene

Concen: 35.27 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.03 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

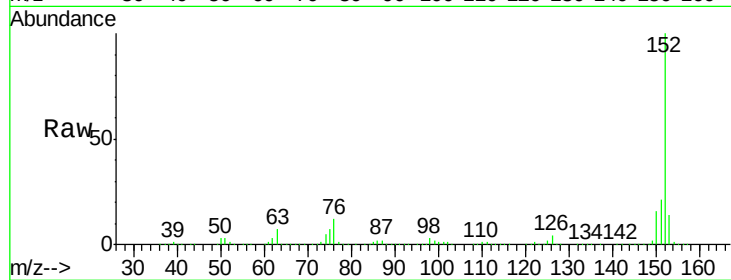
Tgt Ion:152 Resp: 1784330

Ion Ratio Lower Upper

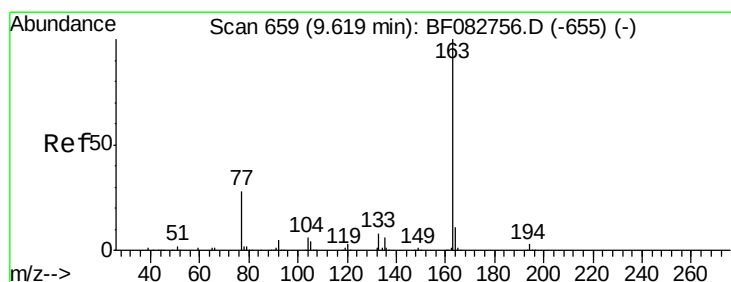
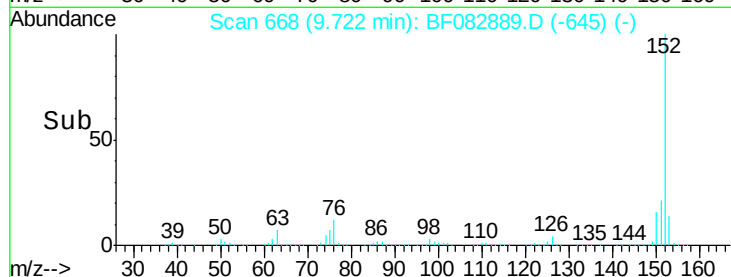
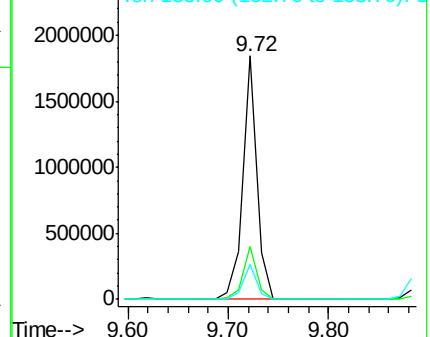
152 100

151 21.5 17.3 25.9

153 14.4 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: 55.05 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

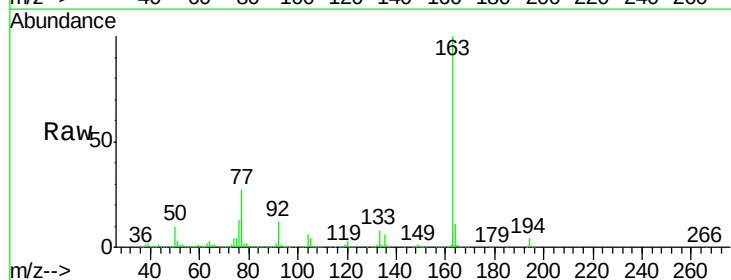
Tgt Ion:163 Resp: 2175235

Ion Ratio Lower Upper

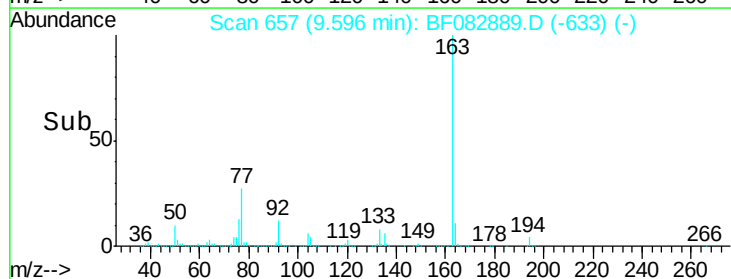
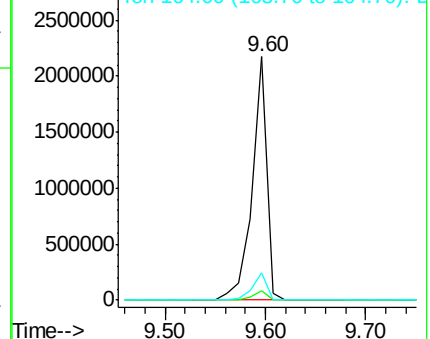
163 100

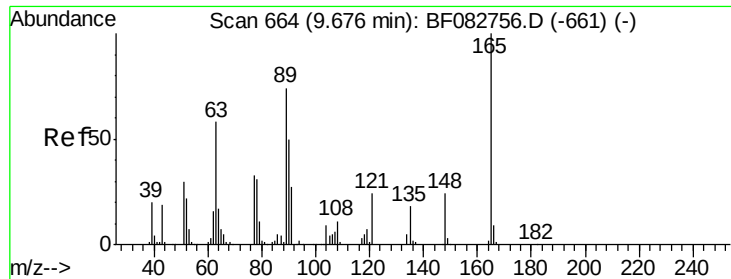
194 3.8 2.6 4.0

164 11.4 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

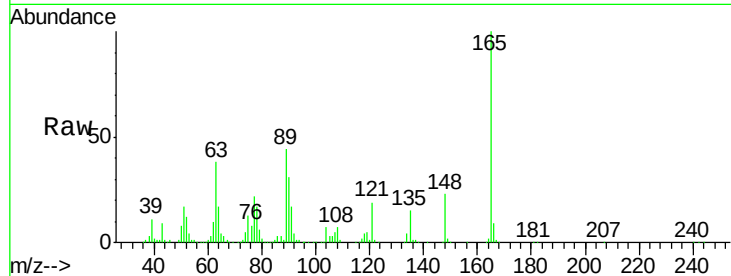




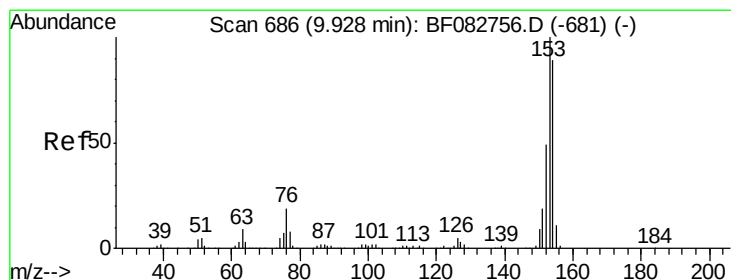
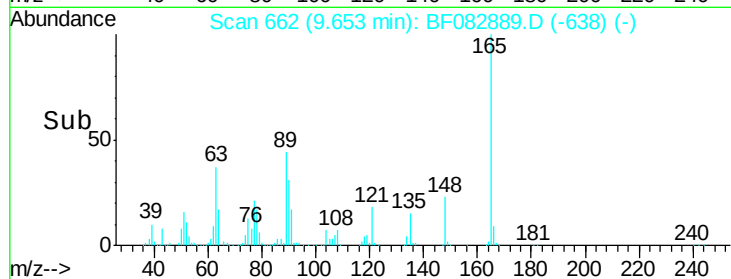
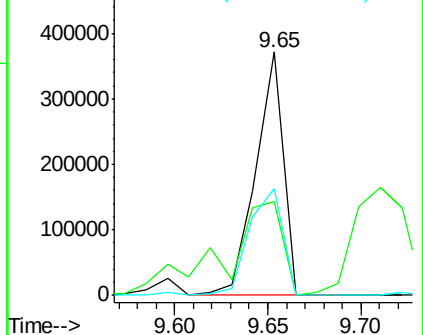
#50
 2,6-Dinitrotoluene
 Concen: 44.85 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF082889.D
 Acq: 11 Nov 2015 00:38

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

Tgt Ion:165 Resp: 378123
 Ion Ratio Lower Upper
 165 100
 63 38.4 55.5 83.3#
 89 43.9 55.0 82.6#

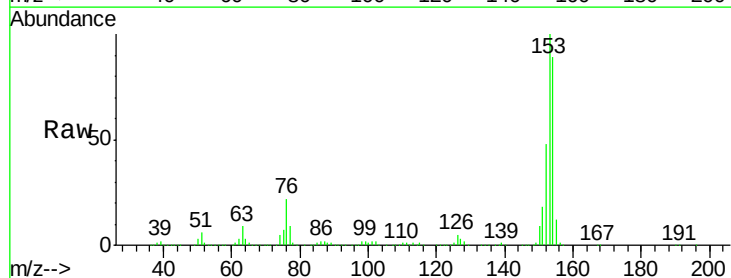


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

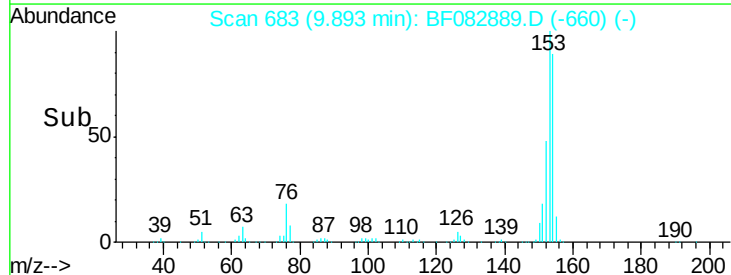
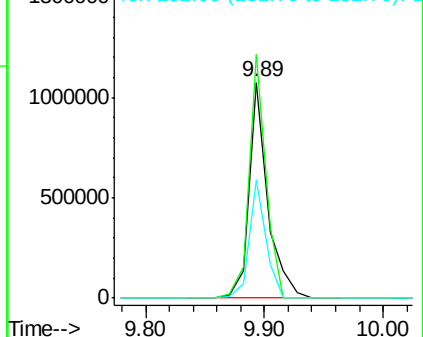


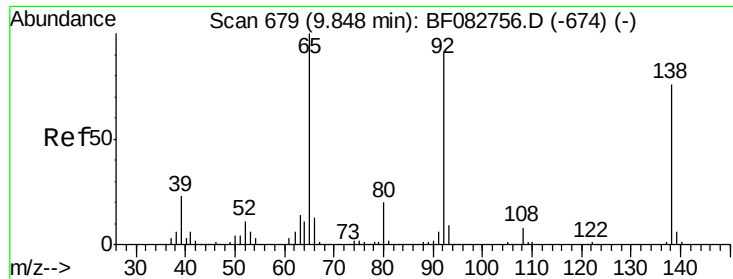
#51
 Acenaphthene
 Concen: 36.87 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.03 min
 Lab File: BF082889.D
 Acq: 11 Nov 2015 00:38

Tgt Ion:154 Resp: 1182007
 Ion Ratio Lower Upper
 154 100
 153 112.9 90.1 135.1
 152 54.6 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

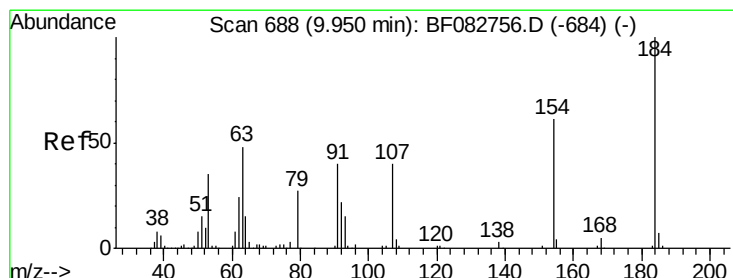
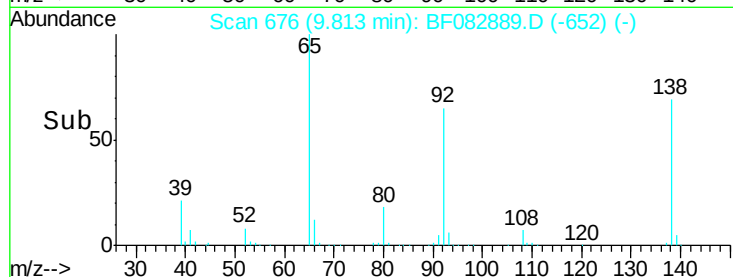
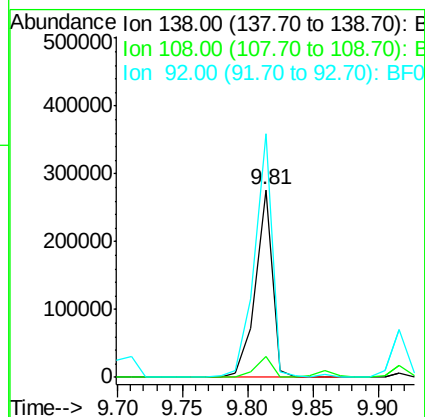
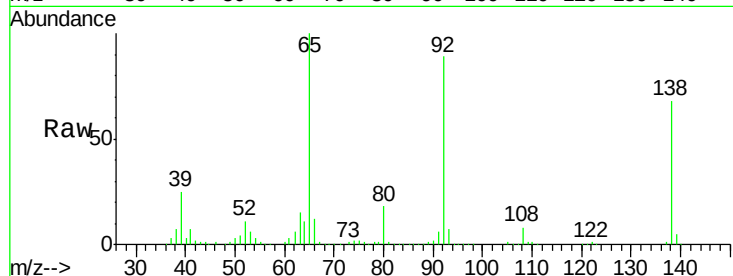




#52
3-Nitroaniline
Concen: 27.19 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

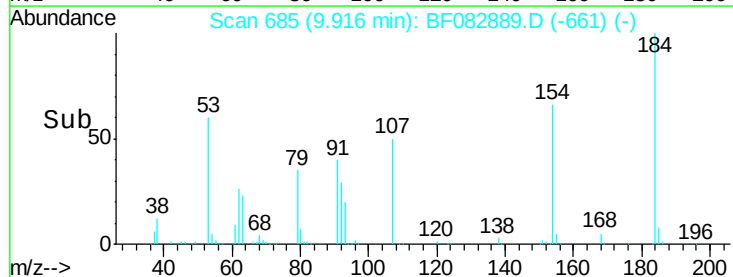
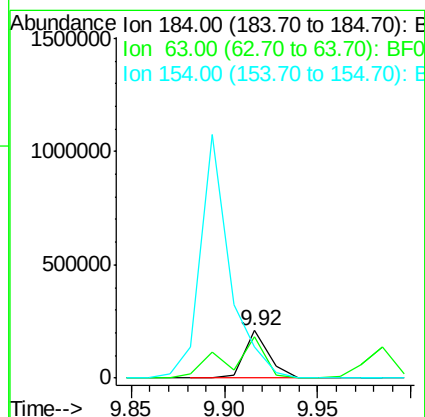
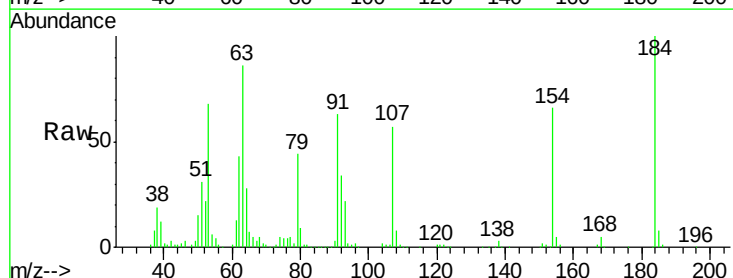
Instrument :
BNA_F
ClientSampleId :
T-14CMSD

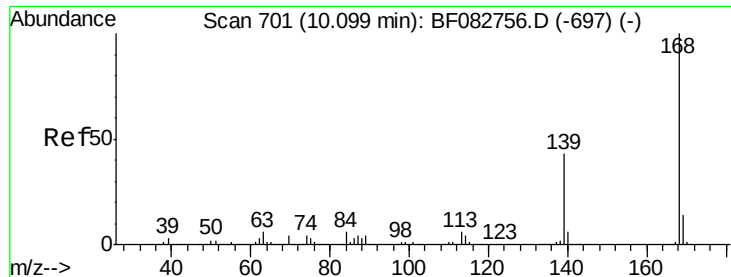
Tgt Ion:138 Resp: 252130
Ion Ratio Lower Upper
138 100
108 11.1 11.3 16.9#
92 130.0 122.4 183.6



#53
2,4-Dinitrophenol
Concen: 41.30 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

Tgt Ion:184 Resp: 191153
Ion Ratio Lower Upper
184 100
63 86.4 98.6 148.0#
154 65.8 183.9 275.9#

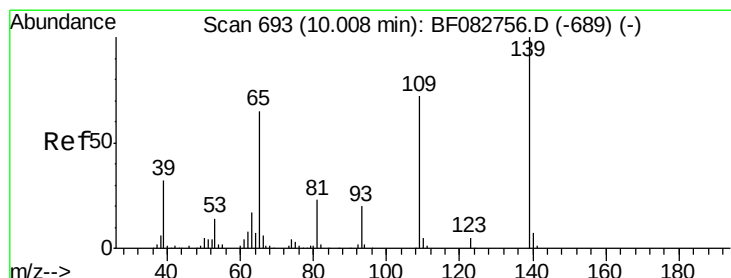
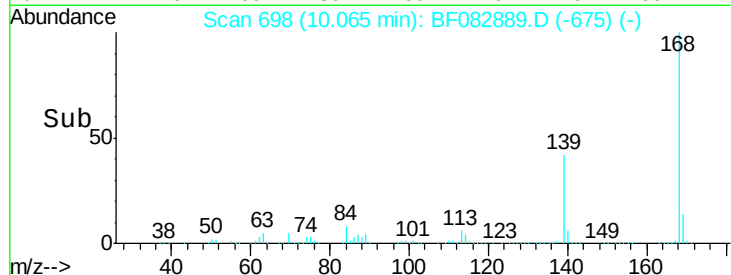
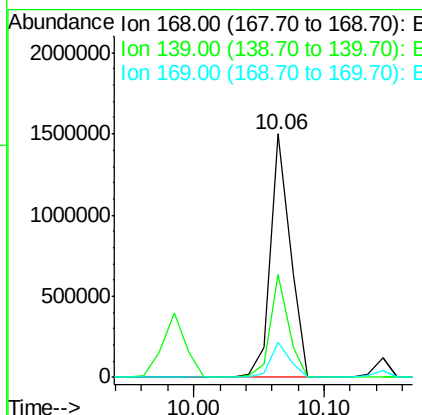
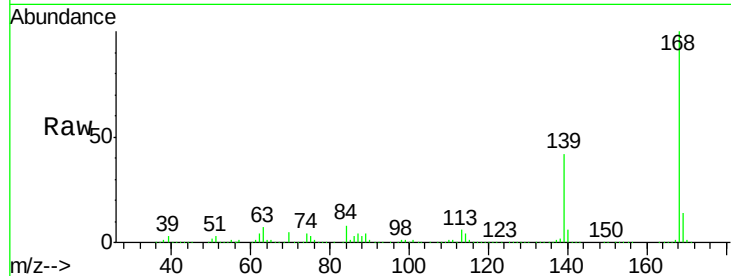




#54
Dibenzenofuran
Concen: 37.06 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.03 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

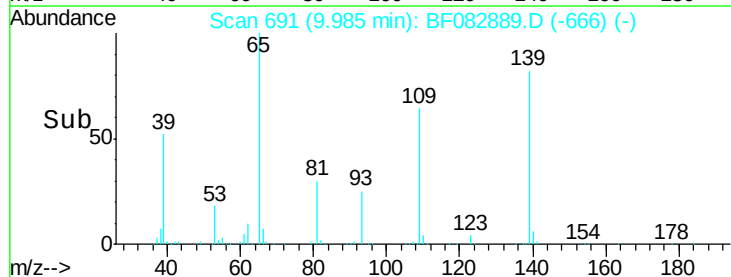
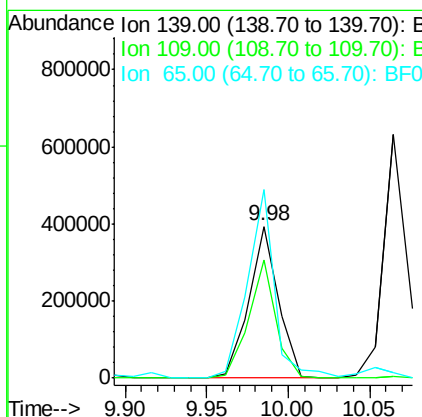
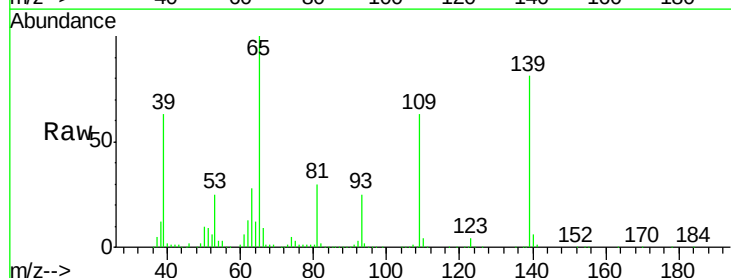
Instrument :
BNA_F
ClientSampleId :
T-14CMSD

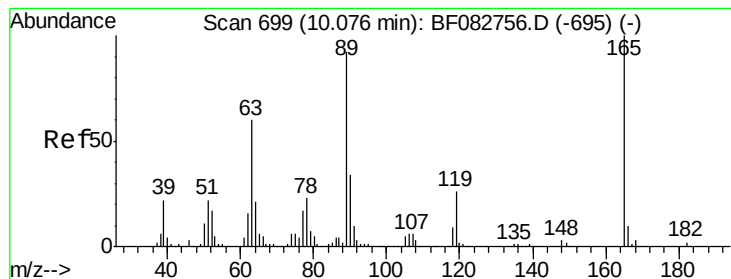
Tgt Ion:168 Resp: 1601997
Ion Ratio Lower Upper
168 100
139 42.1 37.8 56.6
169 14.4 11.3 16.9



#55
4-Nitrophenol
Concen: 69.75 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

Tgt Ion:139 Resp: 496128
Ion Ratio Lower Upper
139 100
109 77.8 73.7 113.7
65 123.8 82.9 122.9#





#56

2,4-Dinitrotoluene

Concen: 40.76 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.02 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

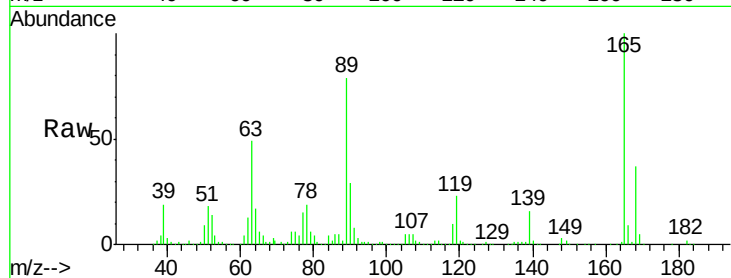
Instrument :

BNA_F

ClientSampleId :

T-14CMSD

Tgt Ion:	165	Resp:	466218
Ion	Ratio	Lower	Upper
165	100		
63	48.9	43.4	65.0
89	79.4	70.6	106.0
182	2.2	1.5	2.3

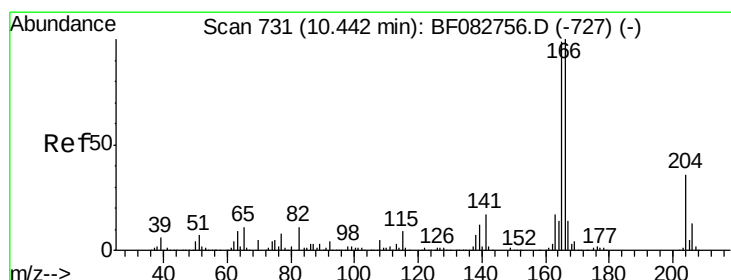
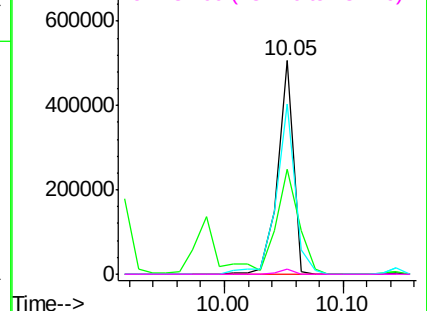
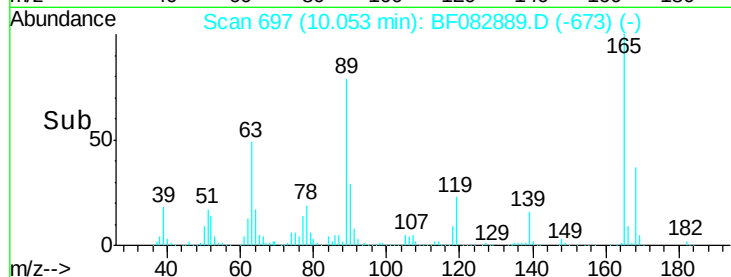


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 34.21 ng

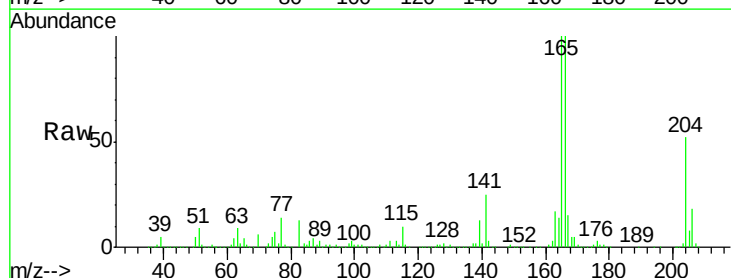
RT: 10.41 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

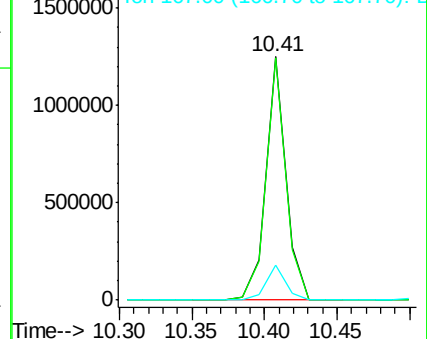
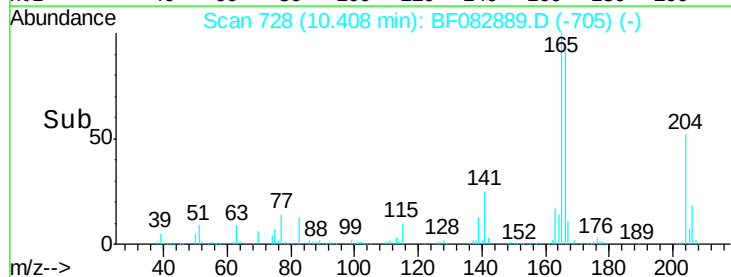
Tgt Ion:	166	Resp:	1197606
Ion	Ratio	Lower	Upper
166	100		
165	99.6	80.2	120.4
167	14.6	11.2	16.8

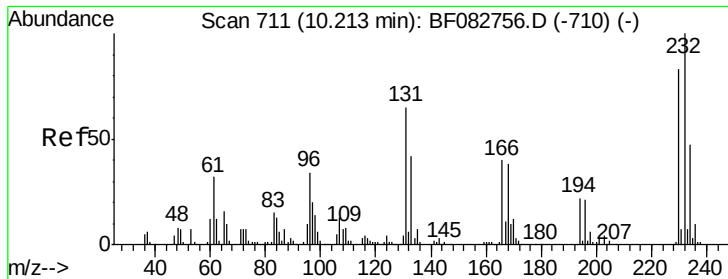


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

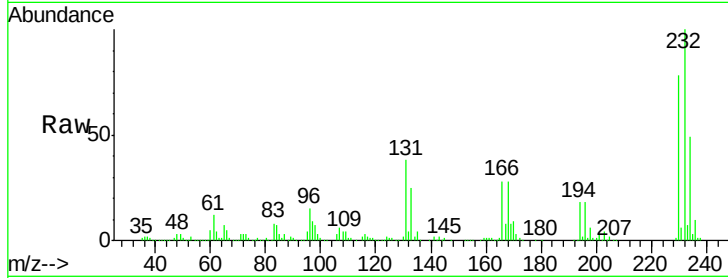




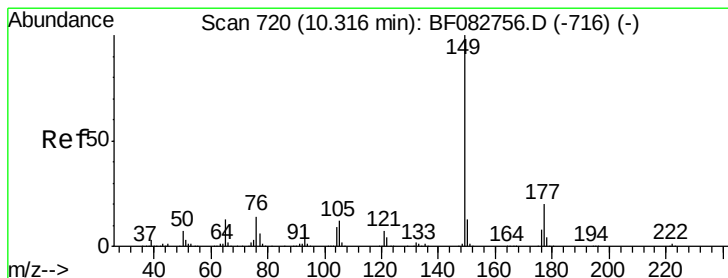
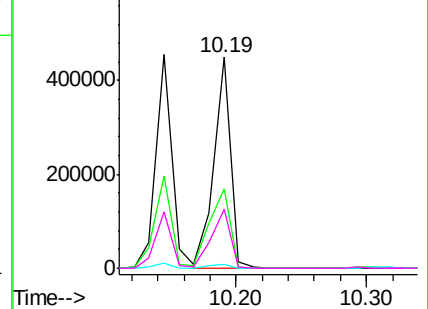
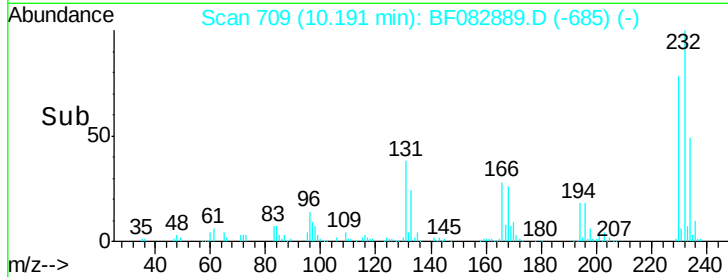
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.11 ng
 RT: 10.19 min Scan# 709
 Delta R.T. -0.02 min
 Lab File: BF082889.D
 Acq: 11 Nov 2015 00:38

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

Tgt Ion: 232 Resp: 402133
 Ion Ratio Lower Upper
 232 100
 131 46.2 46.2 69.2#
 130 2.3 2.4 3.6#
 166 31.2 28.2 42.2

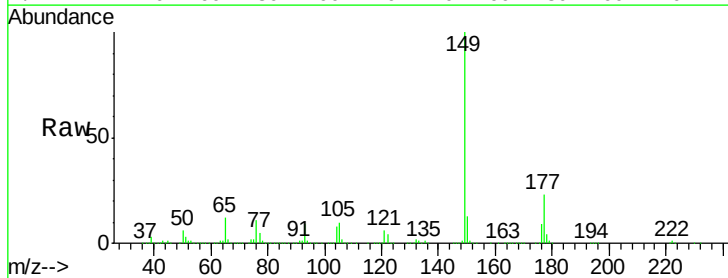


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

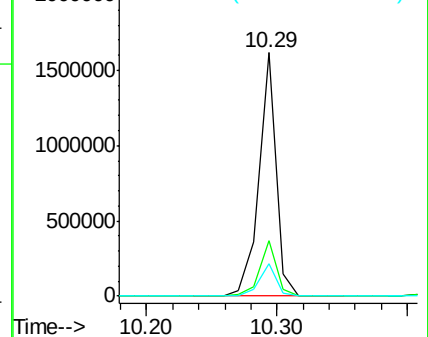
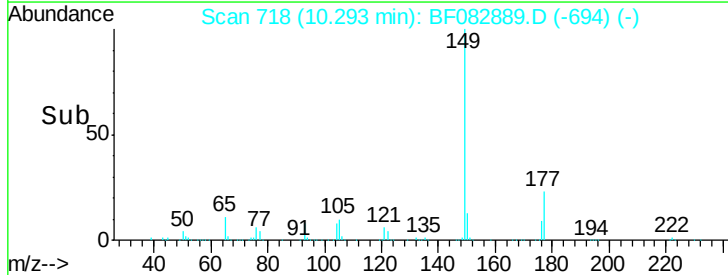


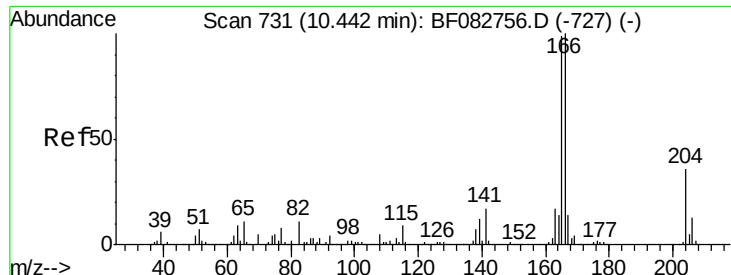
#59
 Diethylphthalate
 Concen: 38.51 ng
 RT: 10.29 min Scan# 718
 Delta R.T. -0.02 min
 Lab File: BF082889.D
 Acq: 11 Nov 2015 00:38

Tgt Ion: 149 Resp: 1485454
 Ion Ratio Lower Upper
 149 100
 177 22.6 17.9 26.9
 150 13.3 10.1 15.1



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

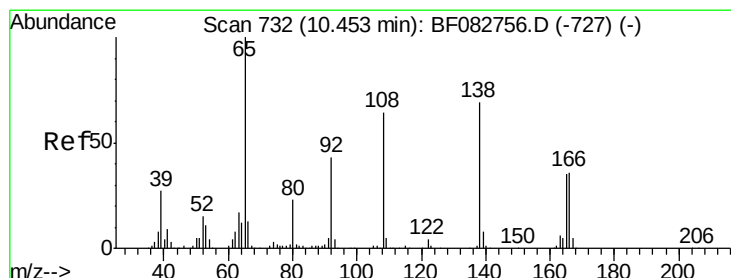
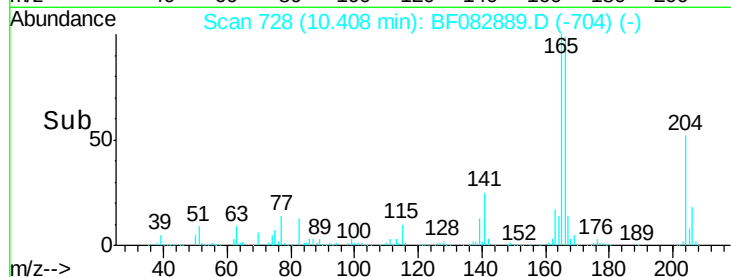
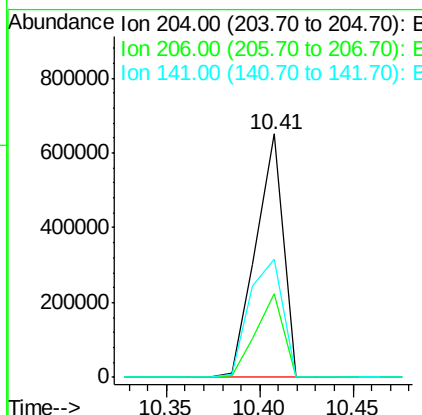
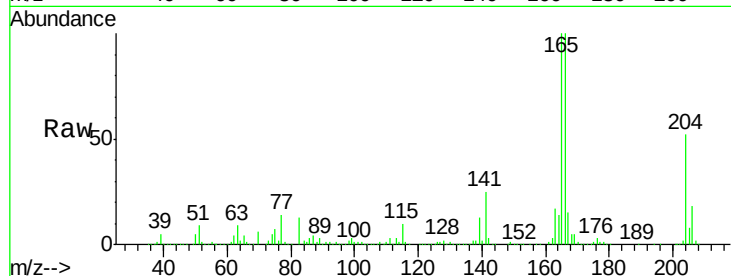




#60
4-Chlorophenyl-phenylether
Concen: 37.81 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

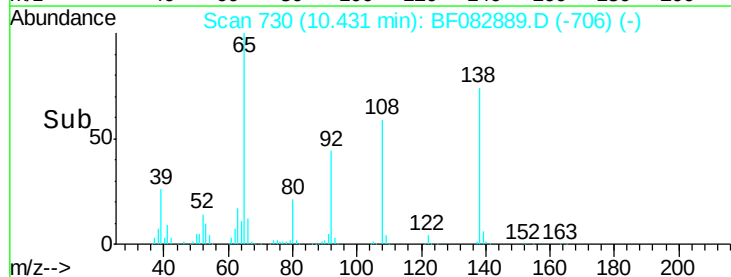
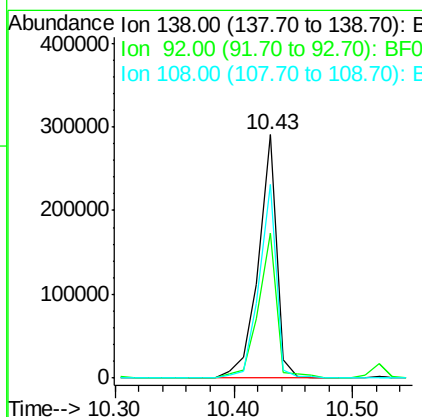
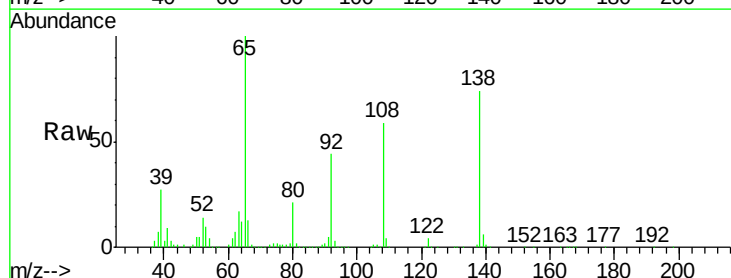
Instrument :
BNA_F
ClientSampleId :
T-14CMSD

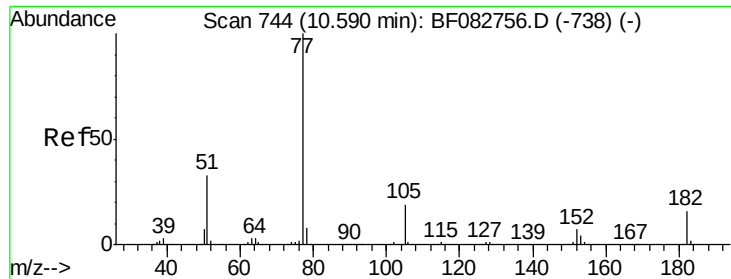
Tgt Ion:204 Resp: 662197
Ion Ratio Lower Upper
204 100
206 34.5 28.5 42.7
141 48.5 44.6 66.8



#61
4-Nitroaniline
Concen: 33.94 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

Tgt Ion:138 Resp: 316480
Ion Ratio Lower Upper
138 100
92 59.4 45.8 85.8
108 79.5 89.4 129.4#





#62

Azobenzene

Concen: 41.40 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

Tgt Ion: 77 Resp: 1715445

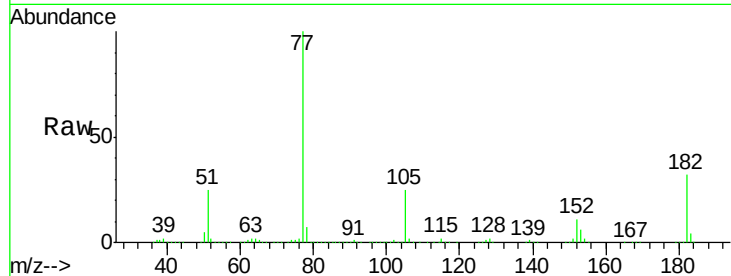
Ion Ratio Lower Upper

77 100

182 32.4 9.3 49.3

105 24.9 2.6 42.6

51 24.6 9.9 49.9

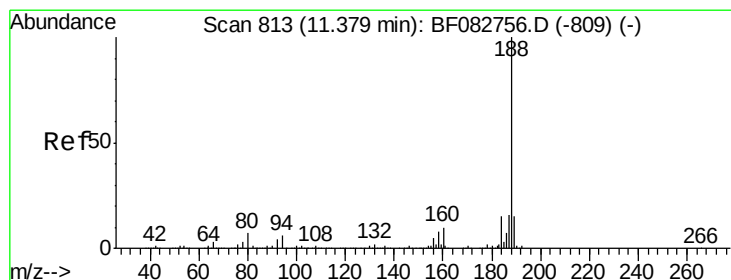
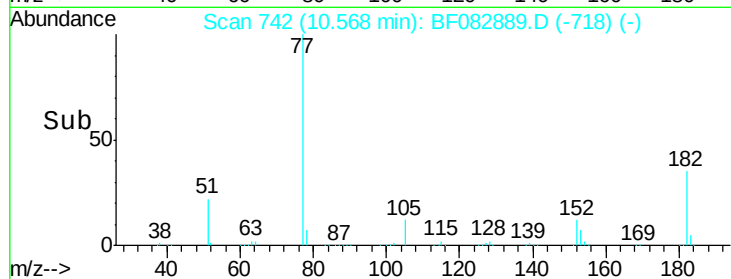
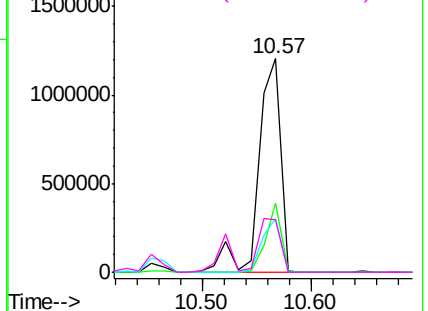


Abundance Ion 77.00 (76.70 to 77.70): BF0

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

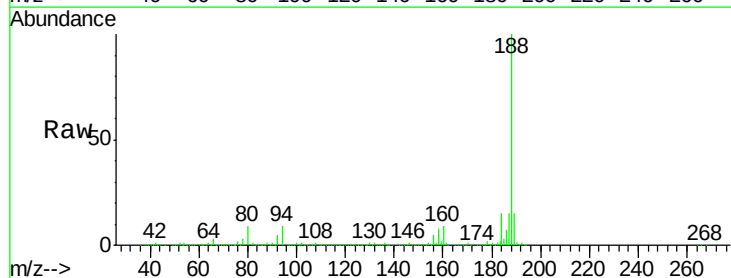
Tgt Ion: 188 Resp: 887892

Ion Ratio Lower Upper

188 100

94 8.6 6.1 9.1

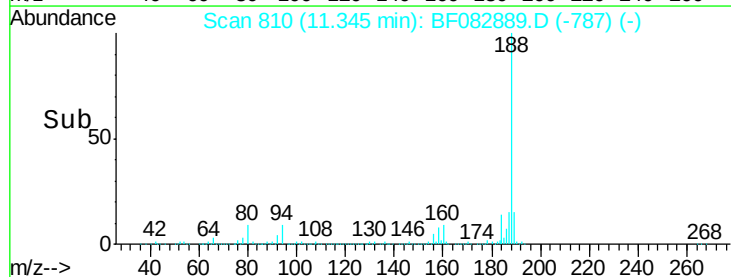
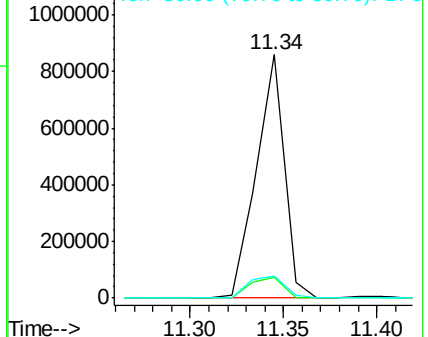
80 9.1 7.0 10.6

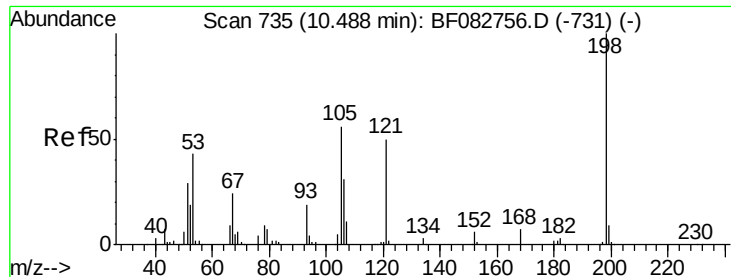


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

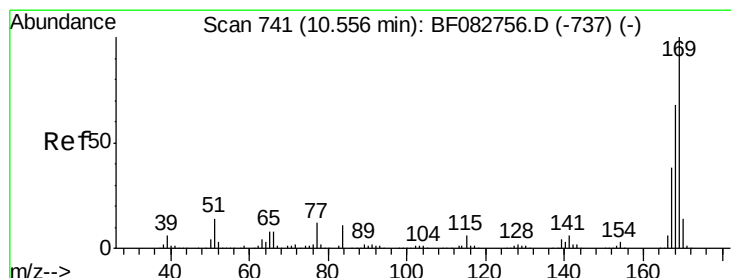
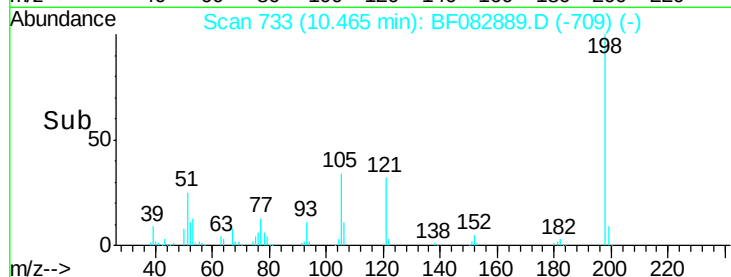
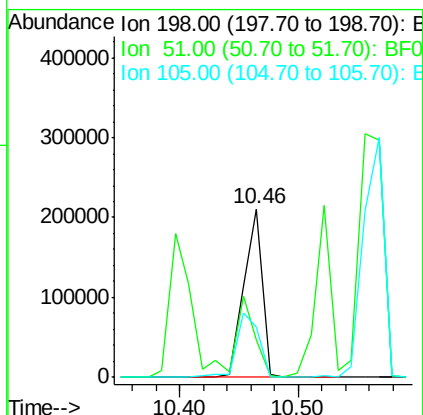
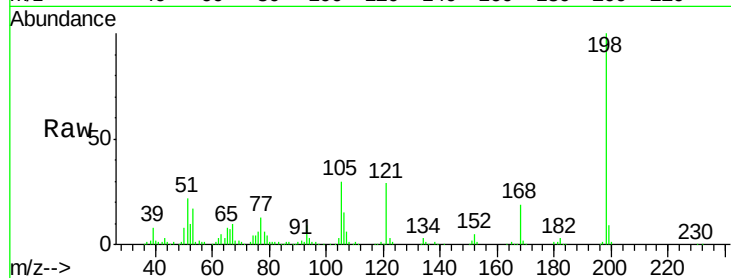




#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.28 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF082889.D
 Acq: 11 Nov 2015 00:38

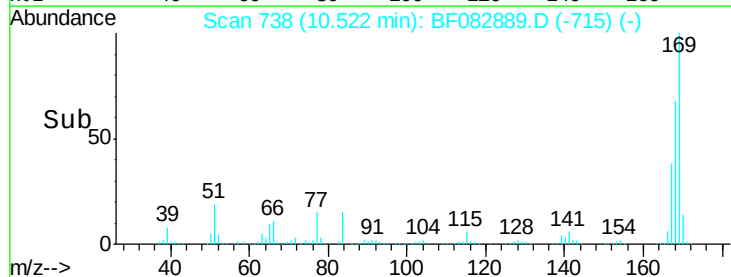
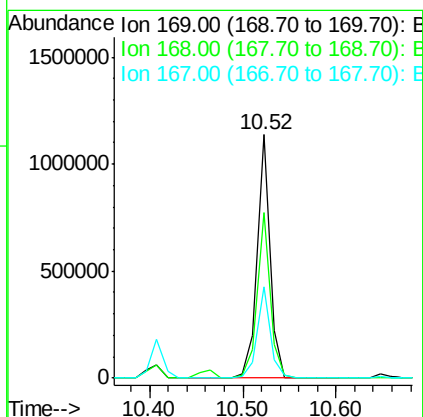
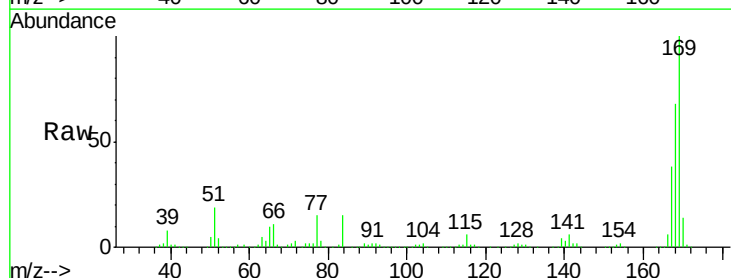
Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

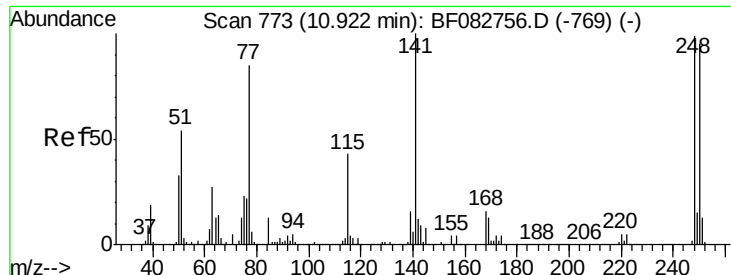
Tgt Ion:198 Resp: 229501
 Ion Ratio Lower Upper
 198 100
 51 22.3 17.3 57.3
 105 30.0 21.7 61.7



#65
 n-Nitrosodiphenylamine
 Concen: 34.09 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.03 min
 Lab File: BF082889.D
 Acq: 11 Nov 2015 00:38

Tgt Ion:169 Resp: 1093526
 Ion Ratio Lower Upper
 169 100
 168 67.8 55.0 82.6
 167 37.7 30.5 45.7

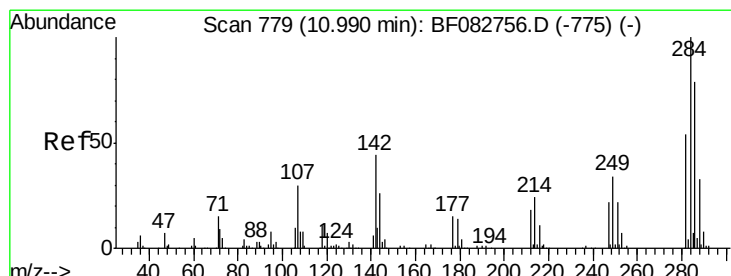
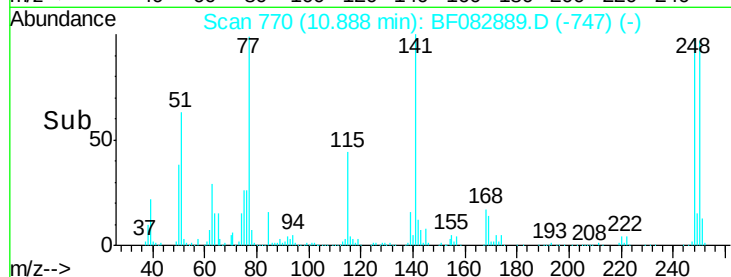
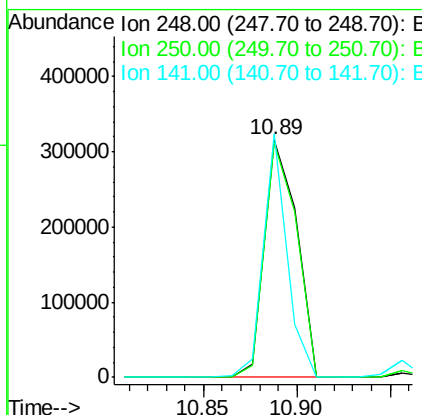
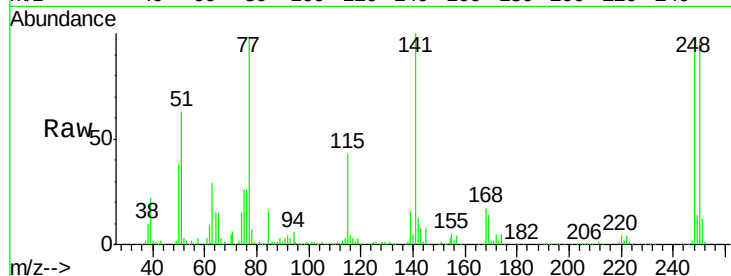




#66
4-Bromophenyl-phenylether
Concen: 35.87 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

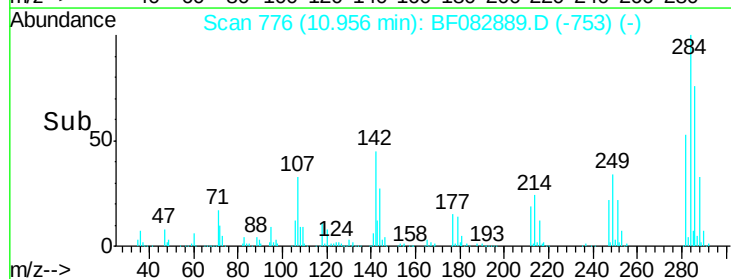
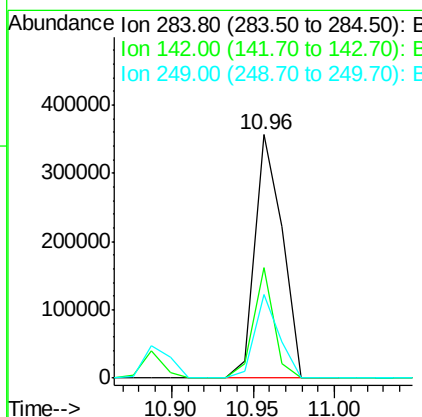
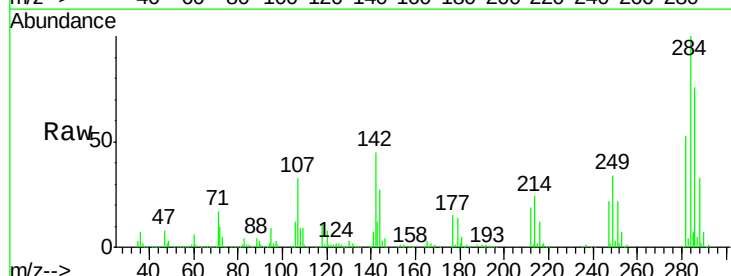
Instrument :
BNA_F
ClientSampleId :
T-14CMSD

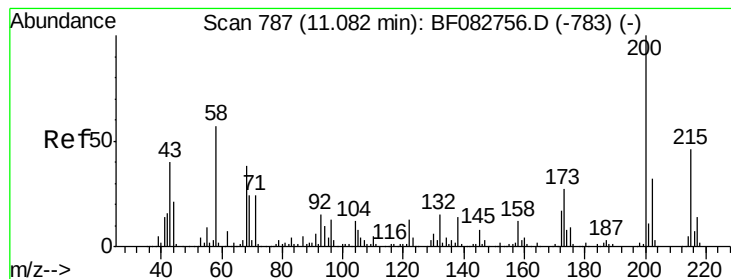
Tgt Ion:248 Resp: 383491
Ion Ratio Lower Upper
248 100
250 98.6 79.4 119.2
141 102.6 36.3 54.5#



#67
Hexachlorobenzene
Concen: 34.75 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.03 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

Tgt Ion:284 Resp: 414799
Ion Ratio Lower Upper
284 100
142 45.2 47.9 71.9#
249 34.1 29.7 44.5





#68

Atrazine

Concen: 47.43 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.02 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

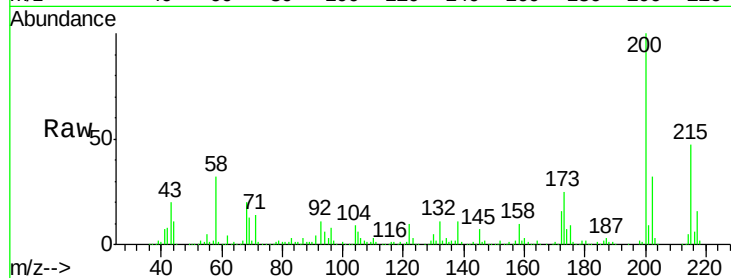
Tgt Ion:200 Resp: 470468

Ion Ratio Lower Upper

200 100

173 25.3 6.9 46.9

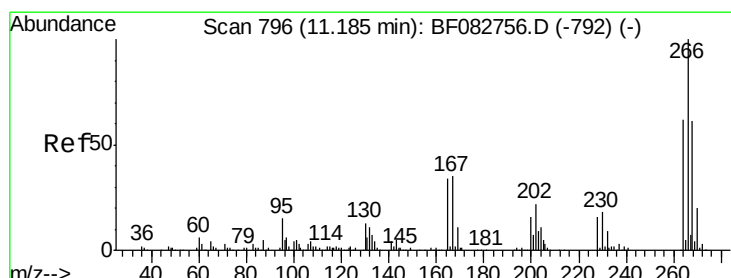
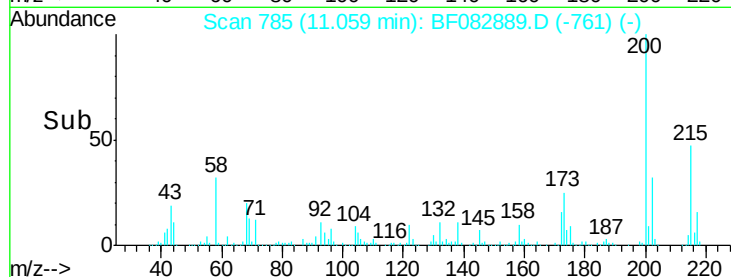
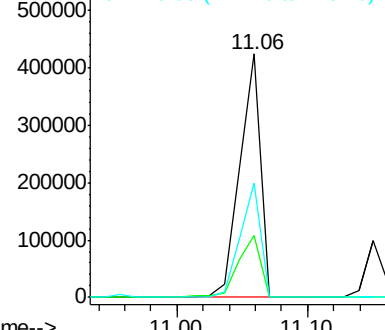
215 46.8 22.9 62.9



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: 66.20 ng

RT: 11.15 min Scan# 793

Delta R.T. -0.03 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

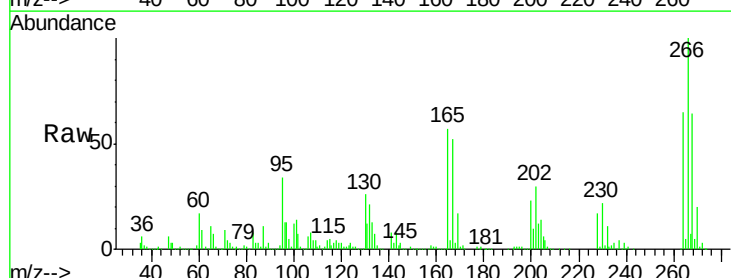
Tgt Ion:266 Resp: 479902

Ion Ratio Lower Upper

266 100

268 64.3 51.0 76.6

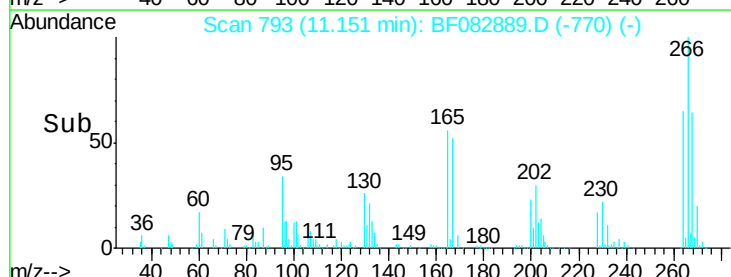
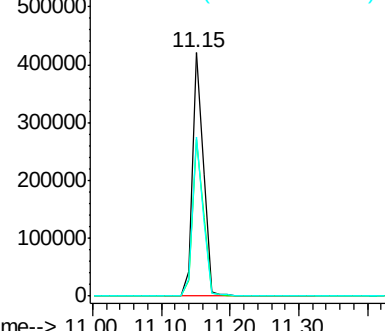
264 65.2 50.6 75.8

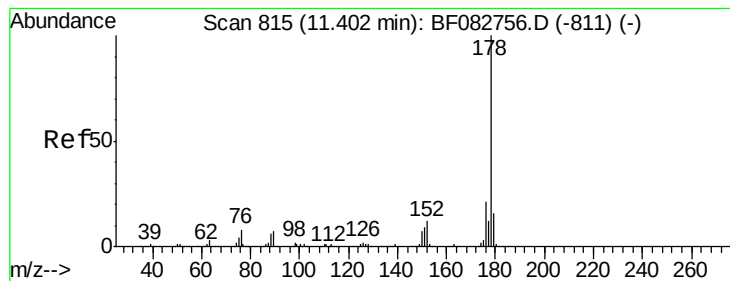


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 35.71 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.03 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

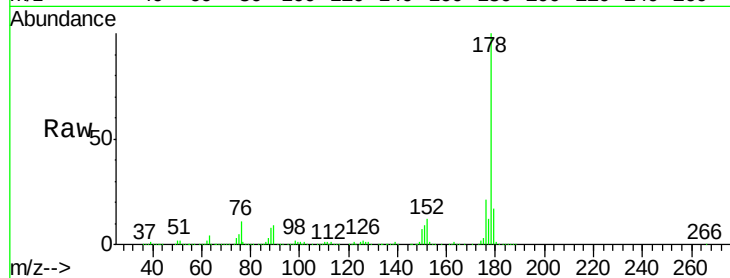
Tgt Ion:178 Resp: 1841357

Ion Ratio Lower Upper

178 100

176 21.2 17.0 25.4

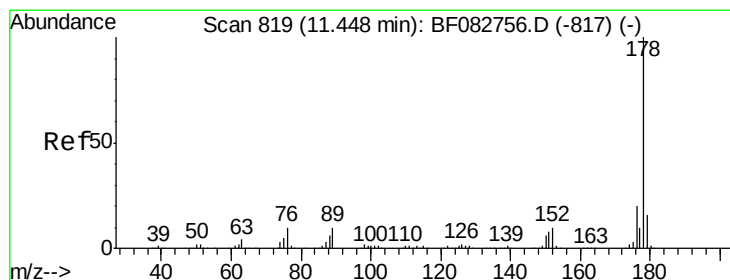
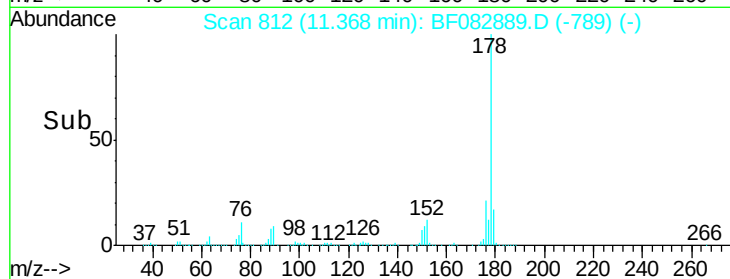
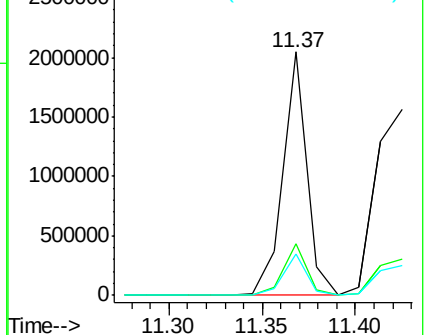
179 16.9 13.4 20.0



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: 37.13 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

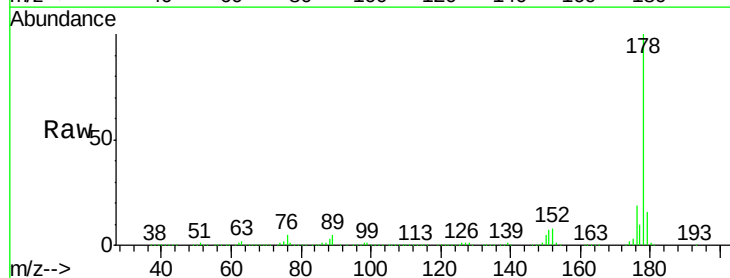
Tgt Ion:178 Resp: 2016852

Ion Ratio Lower Upper

178 100

176 19.4 16.5 24.7

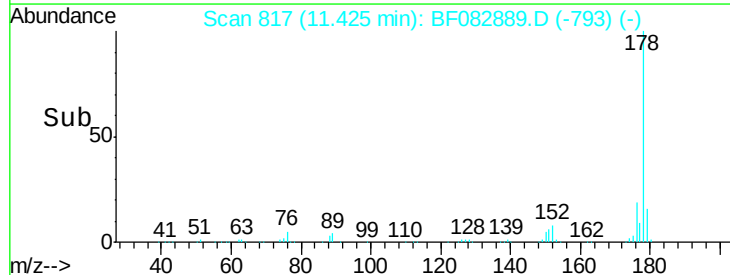
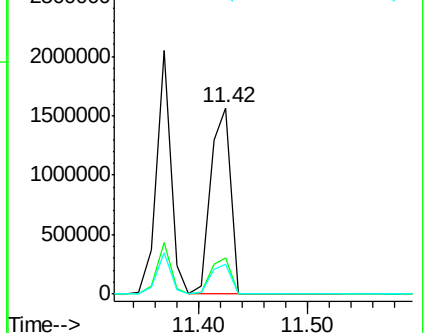
179 15.9 13.2 19.8

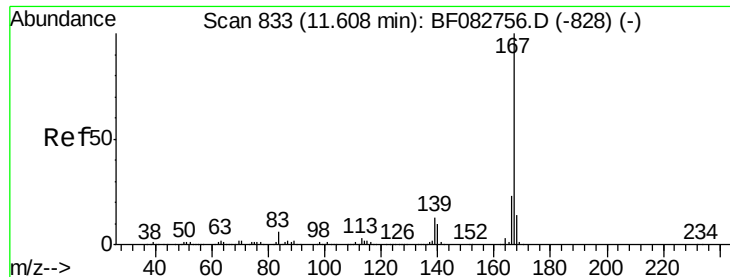


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

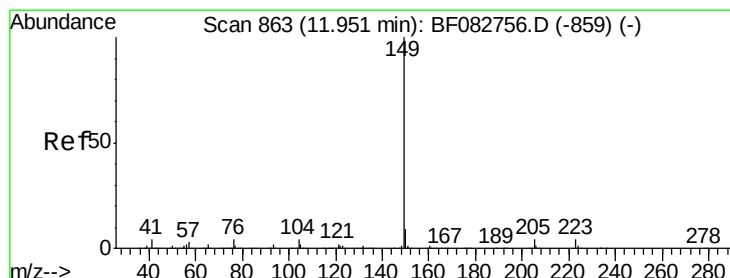
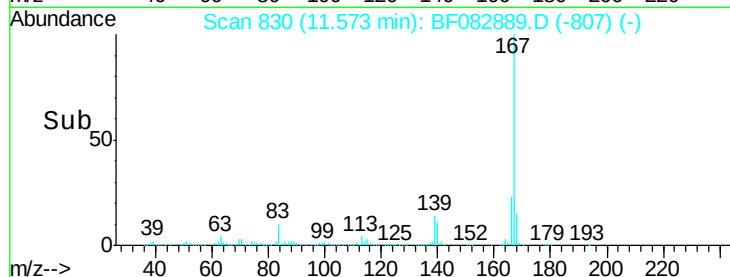
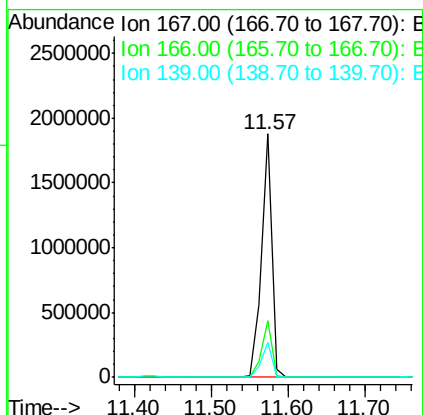
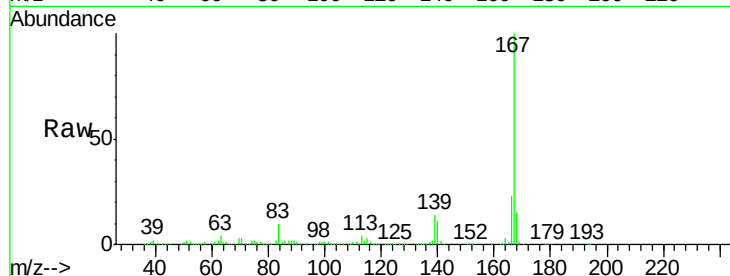




#72
 Carbazole
 Concen: 36.48 ng
 RT: 11.57 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF082889.D
 Acq: 11 Nov 2015 00:38

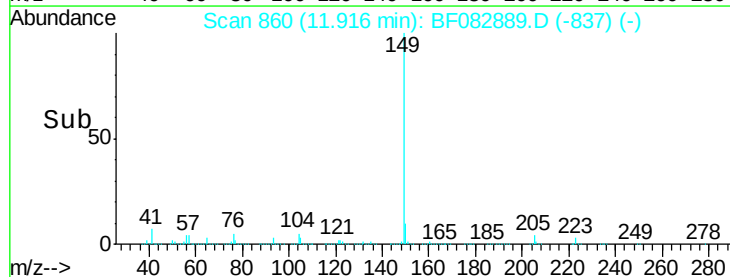
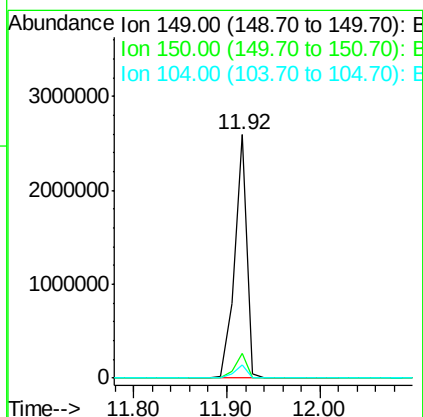
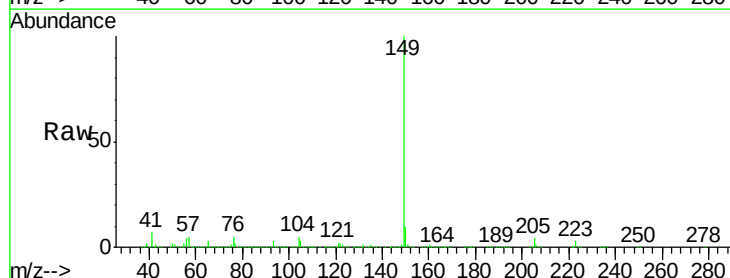
Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

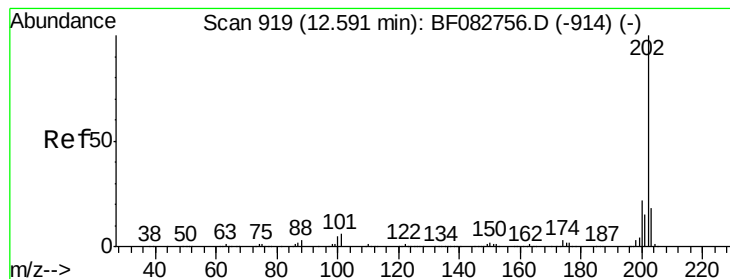
Tgt Ion:167 Resp: 1734170
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.7 28.1
 139 14.2 11.8 17.6



#73
 Di-n-butylphthalate
 Concen: 39.86 ng
 RT: 11.92 min Scan# 860
 Delta R.T. -0.03 min
 Lab File: BF082889.D
 Acq: 11 Nov 2015 00:38

Tgt Ion:149 Resp: 2361101
 Ion Ratio Lower Upper
 149 100
 150 10.3 8.1 12.1
 104 5.3 5.2 7.8





#74

Fluoranthene

Concen: 38.30 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

Instrument :

BNA_F

ClientSampled :

T-14CMSD

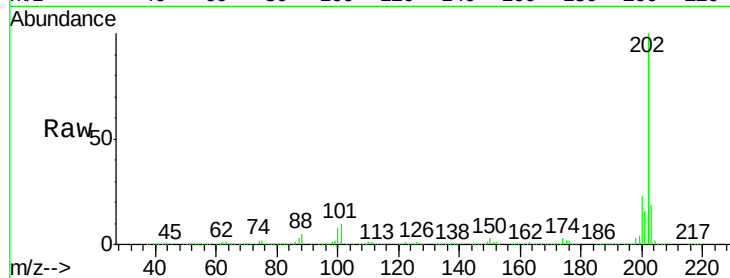
Tgt Ion:202 Resp: 2119043

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.5

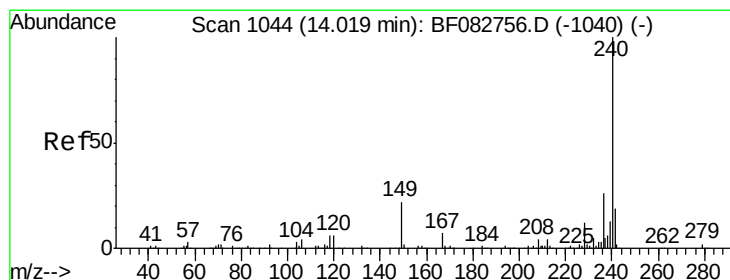
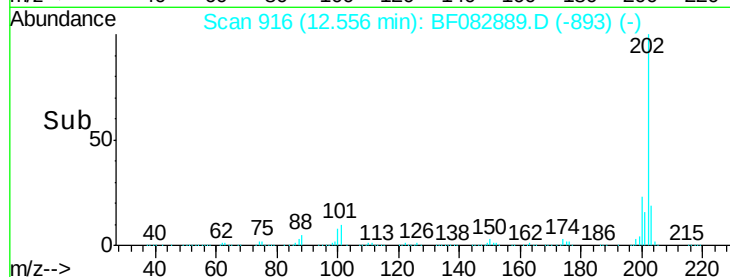
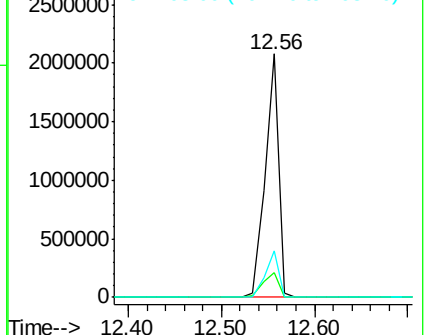
203 18.9 0.0 38.5



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: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

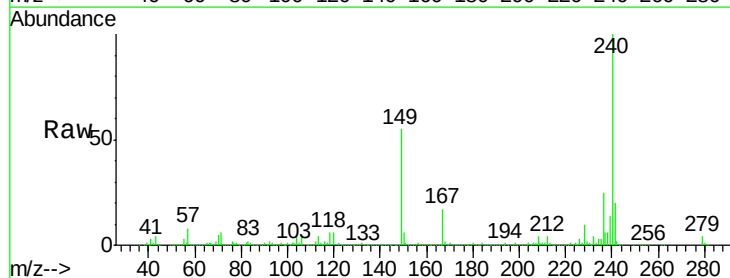
Tgt Ion:240 Resp: 606969

Ion Ratio Lower Upper

240 100

120 6.4 10.9 16.3#

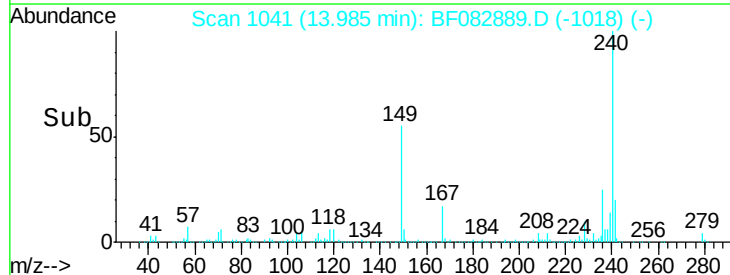
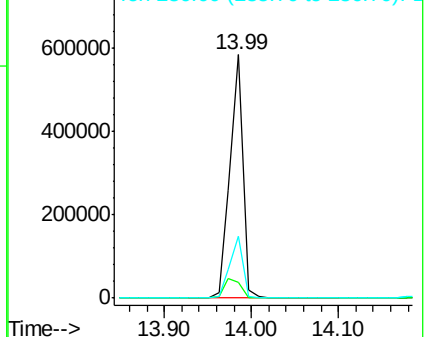
236 25.3 21.6 32.4

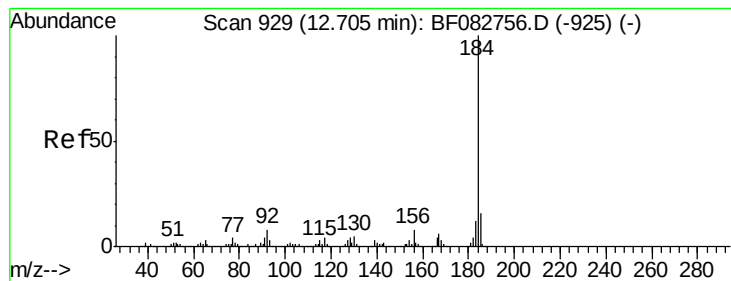


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 28.73 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.03 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

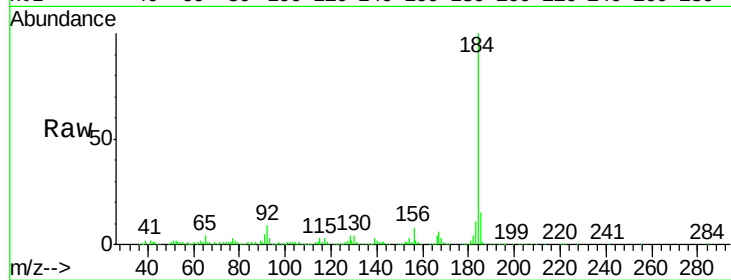
Tgt Ion:184 Resp: 584383

Ion Ratio Lower Upper

184 100

185 14.6 12.0 18.0

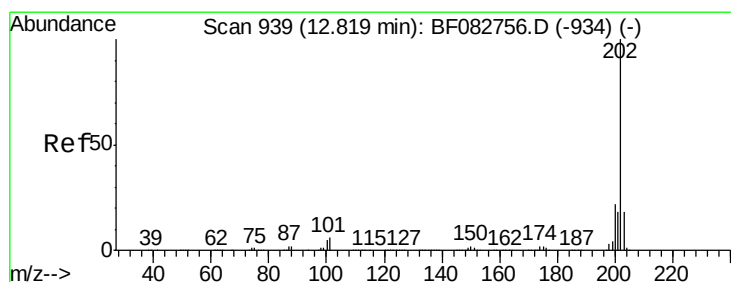
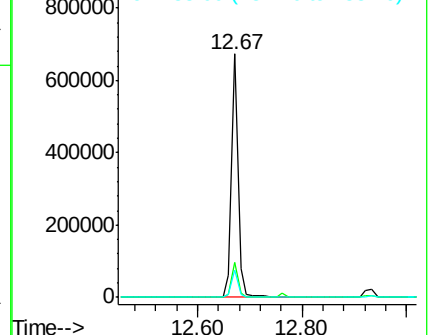
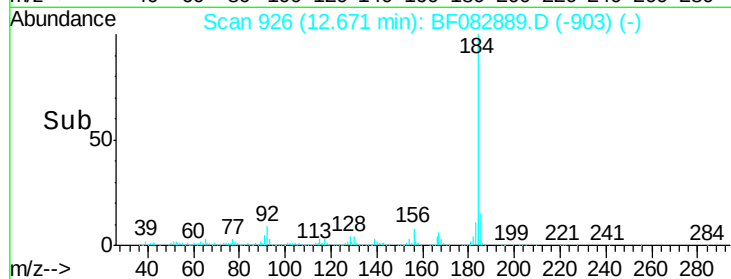
183 11.3 9.6 14.4



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: 51.80 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

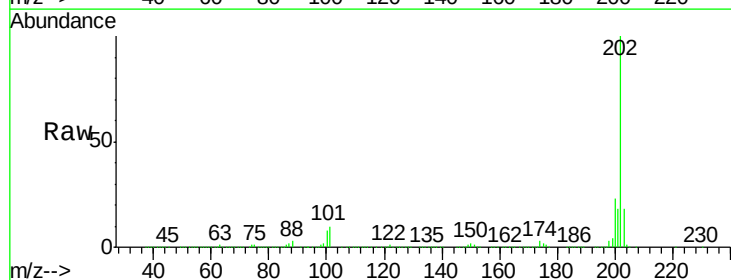
Tgt Ion:202 Resp: 2159052

Ion Ratio Lower Upper

202 100

200 22.8 18.7 28.1

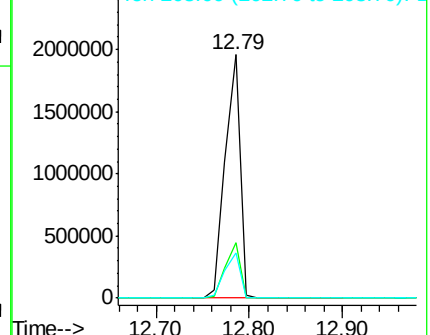
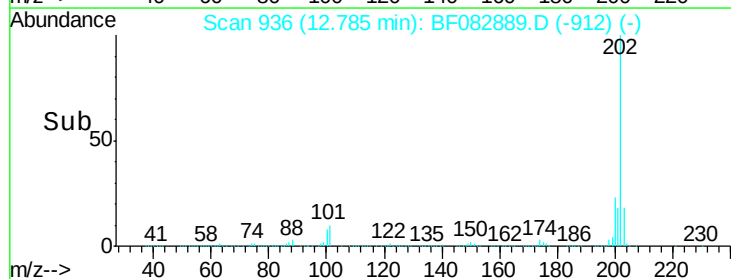
203 18.5 14.8 22.2

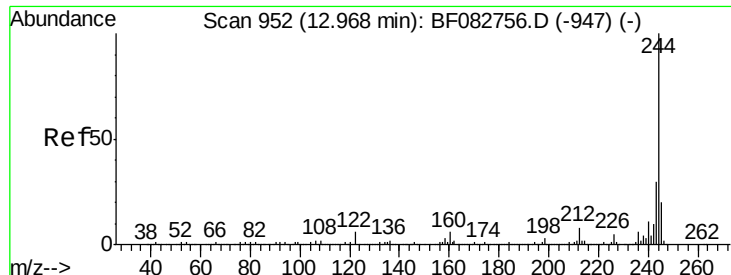


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 81.74 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

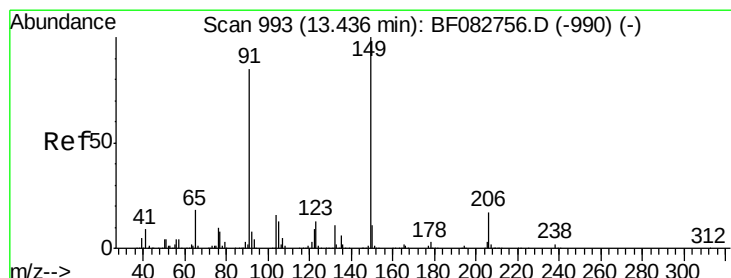
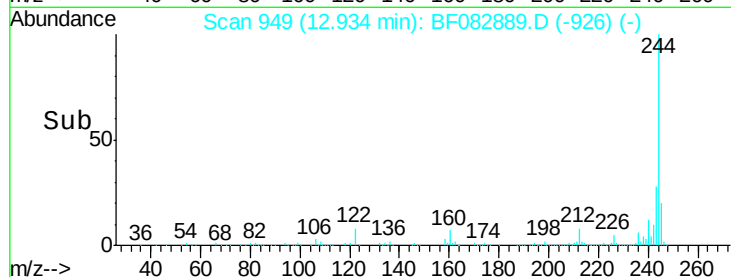
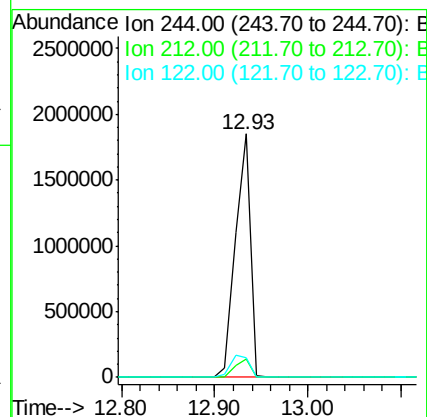
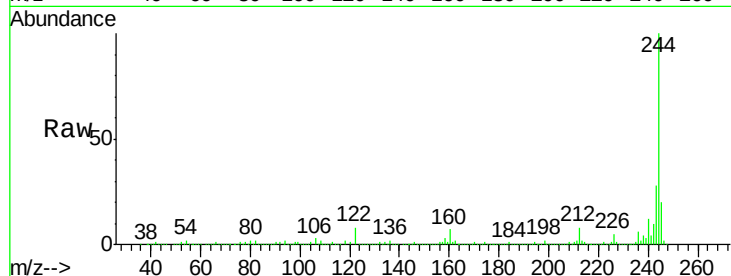
Tgt Ion:244 Resp: 2091803

Ion Ratio Lower Upper

244 100

212 7.7 7.6 11.4

122 8.2 11.3 16.9#



#79

Butylbenzylphthalate

Concen: 54.51 ng

RT: 13.41 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

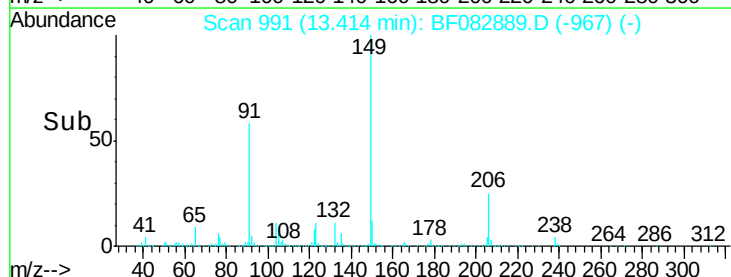
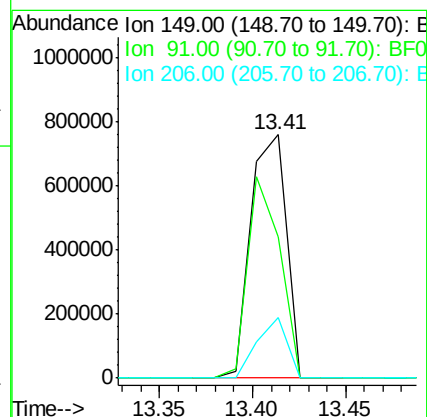
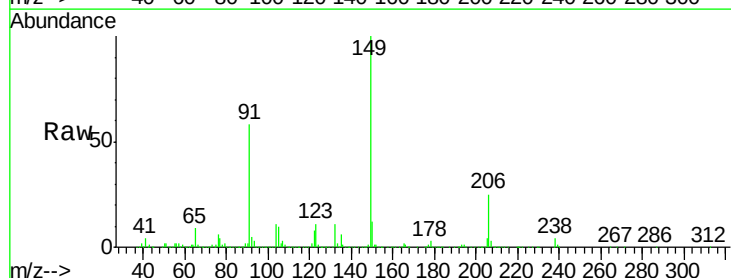
Tgt Ion:149 Resp: 1003803

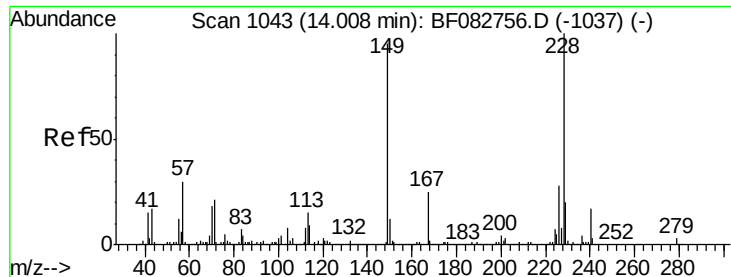
Ion Ratio Lower Upper

149 100

91 58.2 67.7 101.5#

206 24.9 14.6 22.0#





#80

Benzo(a)anthracene

Concen: 42.24 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.03 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

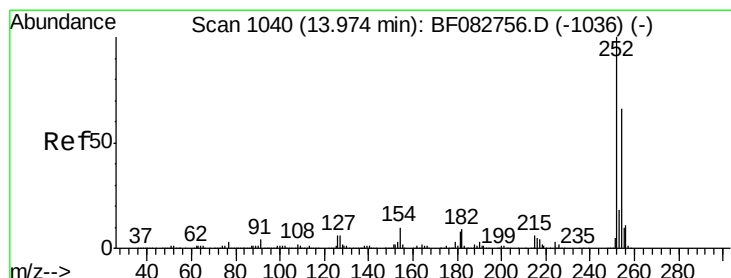
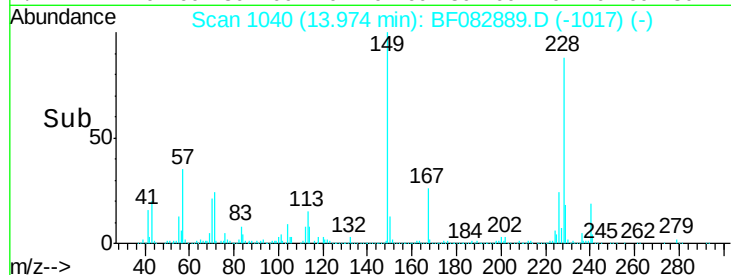
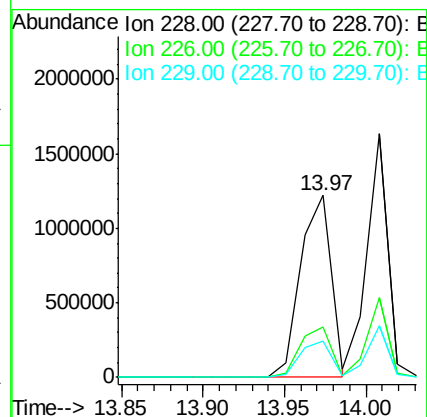
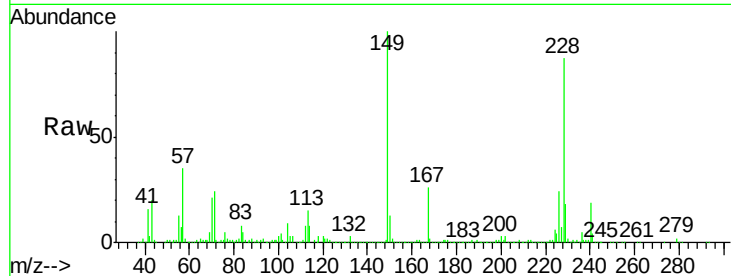
Tgt Ion:228 Resp: 1603063

Ion Ratio Lower Upper

228 100

226 27.4 23.4 35.2

229 20.1 16.3 24.5



#81

3,3'-Dichlorobenzidine

Concen: 27.73 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

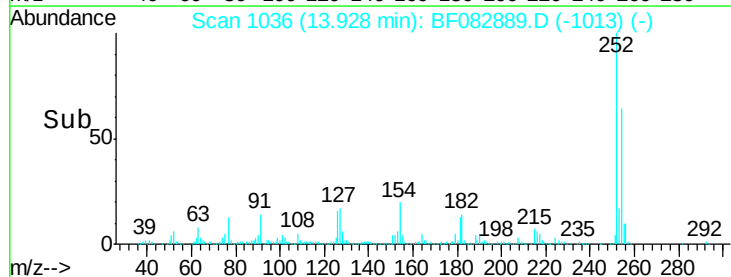
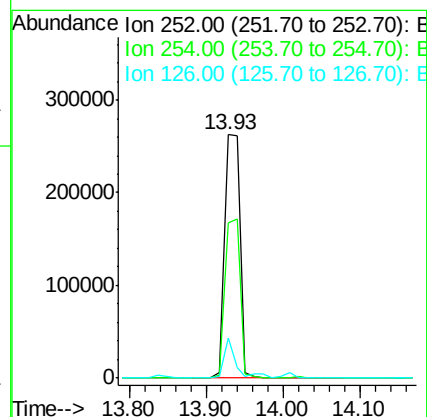
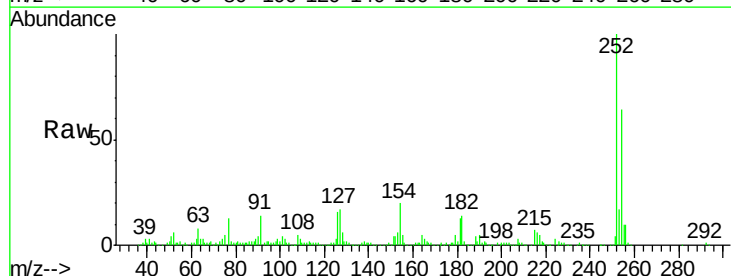
Tgt Ion:252 Resp: 374231

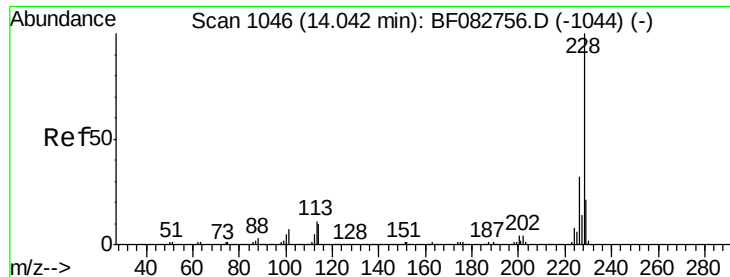
Ion Ratio Lower Upper

252 100

254 63.7 51.4 77.0

126 16.2 10.7 16.1#





#82

Chrysene

Concen: 42.11 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

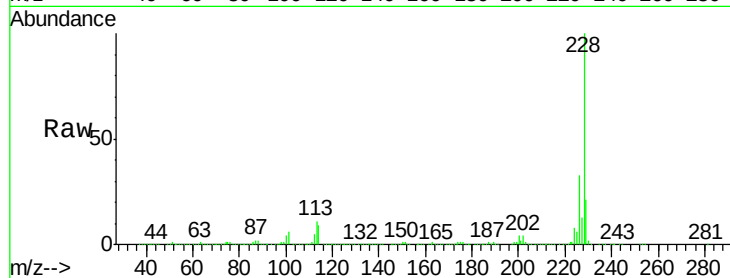
Tgt Ion:228 Resp: 1463959

Ion Ratio Lower Upper

228 100

226 32.6 25.5 38.3

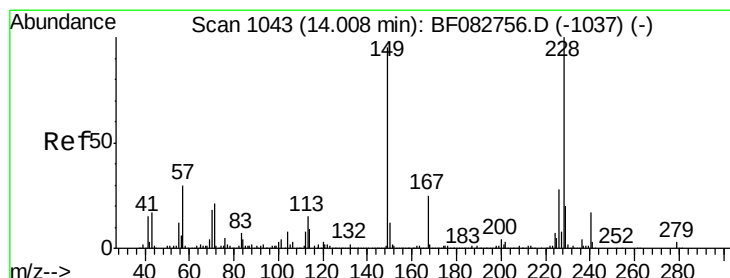
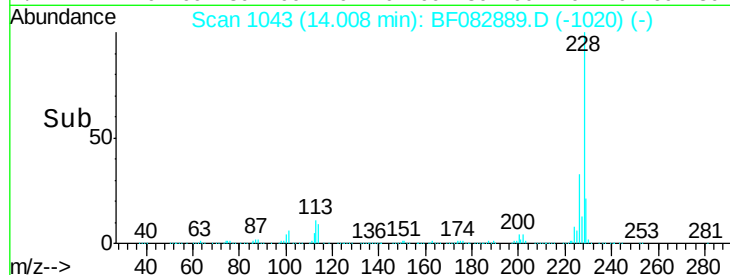
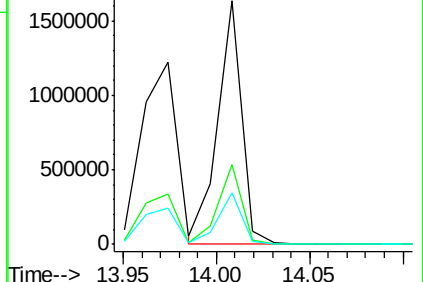
229 21.1 16.3 24.5



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: 51.05 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.03 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

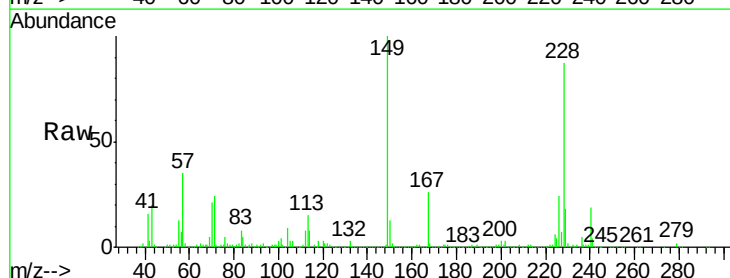
Tgt Ion:149 Resp: 1286700

Ion Ratio Lower Upper

149 100

167 26.4 21.2 31.8

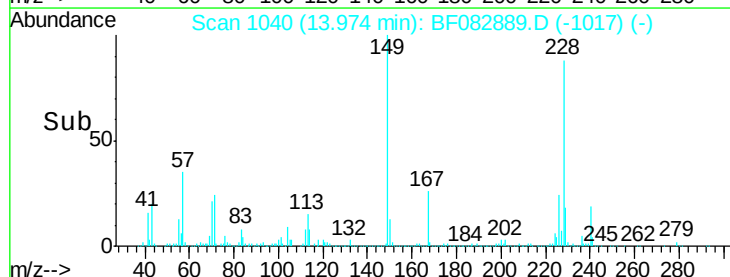
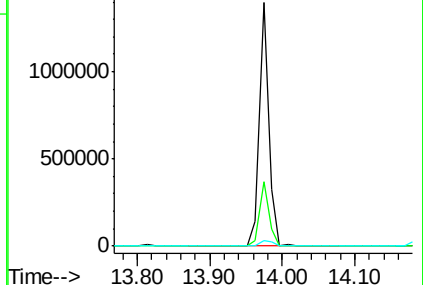
279 2.3 2.2 3.2

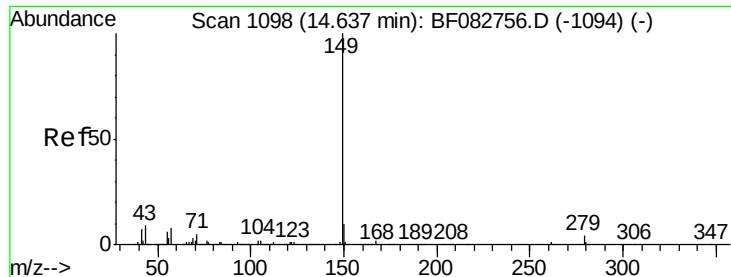


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 53.33 ng

RT: 14.59 min Scan# 1094

Delta R.T. -0.05 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

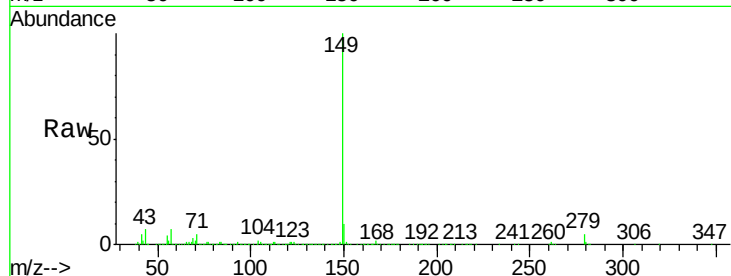
Tgt Ion:149 Resp: 2242142

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

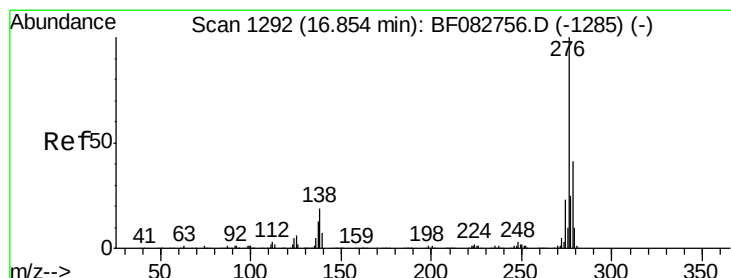
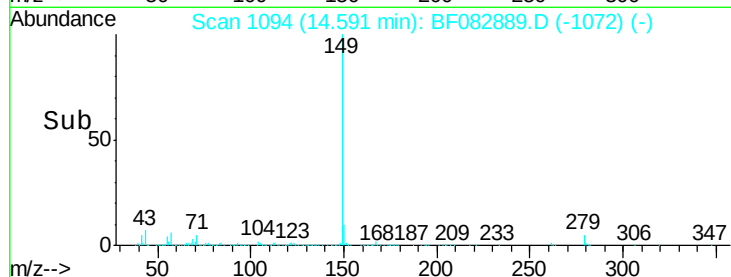
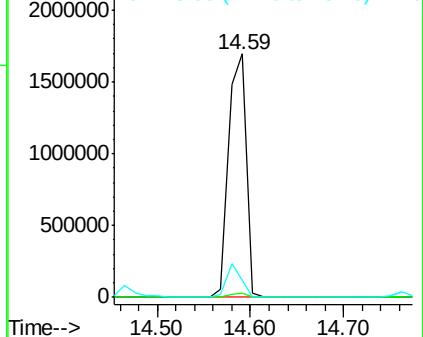
43 11.3 10.1 15.1



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: 48.10 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.08 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

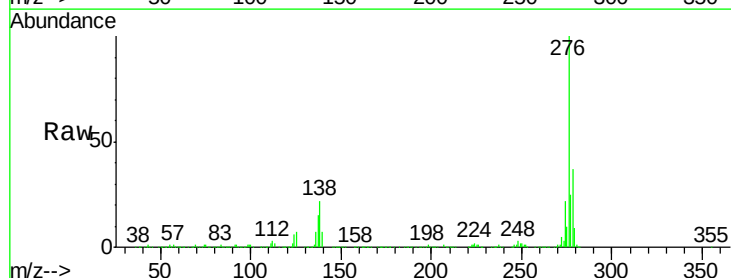
Tgt Ion:276 Resp: 1440047

Ion Ratio Lower Upper

276 100

138 24.0 15.3 22.9#

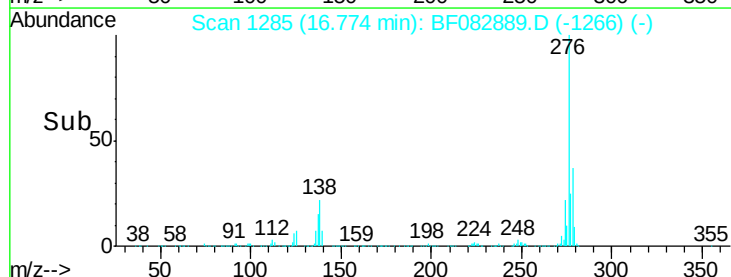
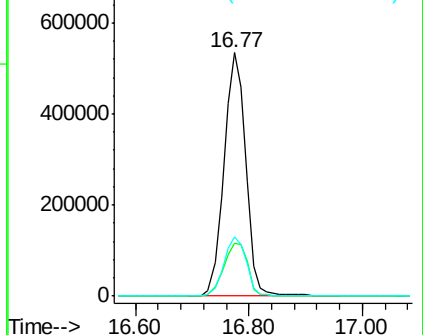
277 25.2 20.2 30.4

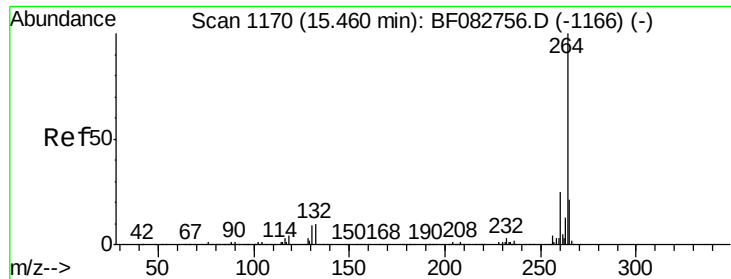


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

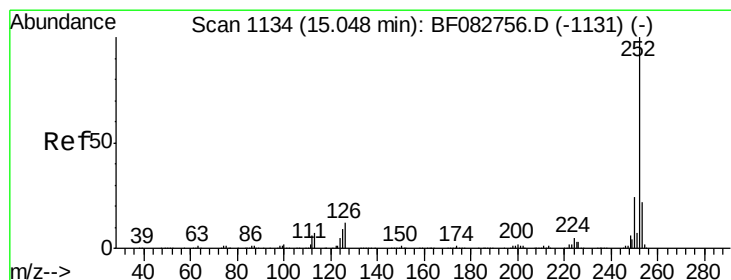
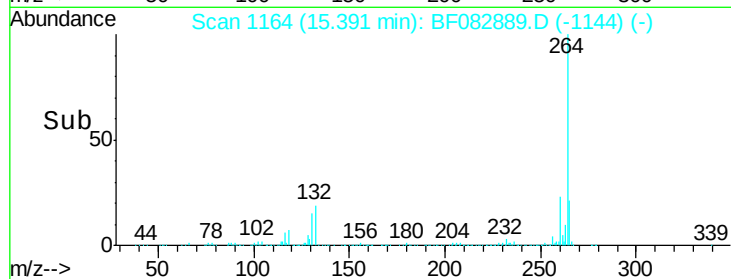
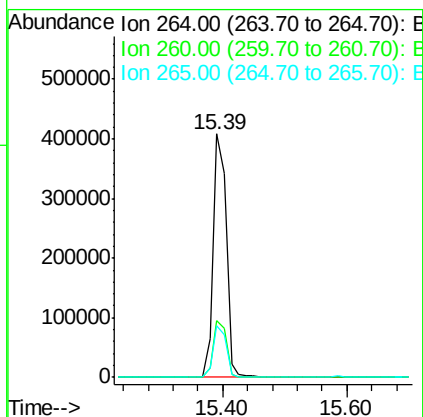
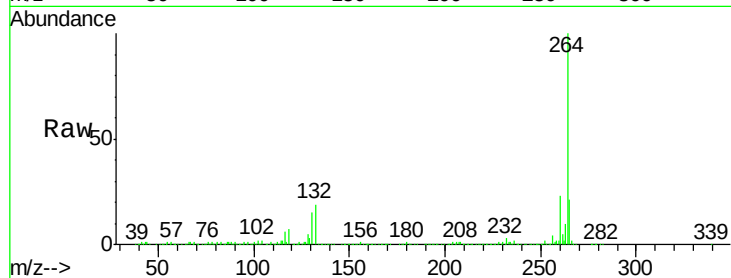




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.07 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

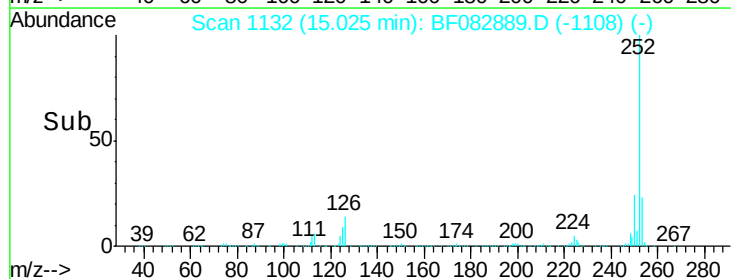
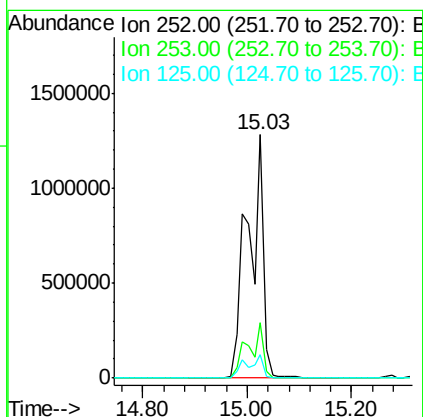
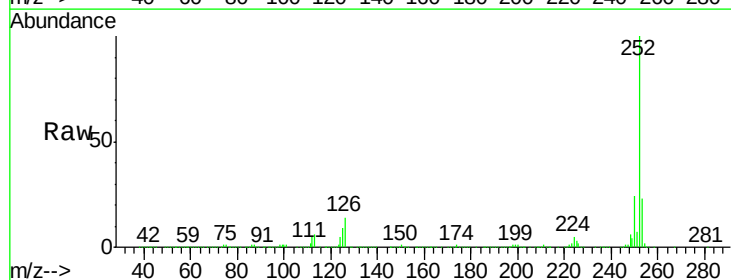
Instrument :
BNA_F
ClientSampleId :
T-14CMSD

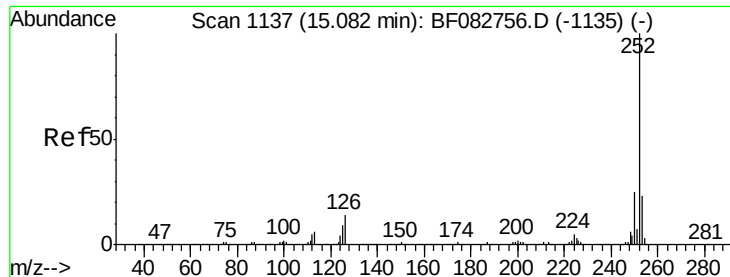
Tgt Ion:264 Resp: 587865
Ion Ratio Lower Upper
264 100
260 23.5 19.8 29.6
265 21.3 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 71.08 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.02 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

Tgt Ion:252 Resp: 2682165
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 9.5 5.4 8.2#

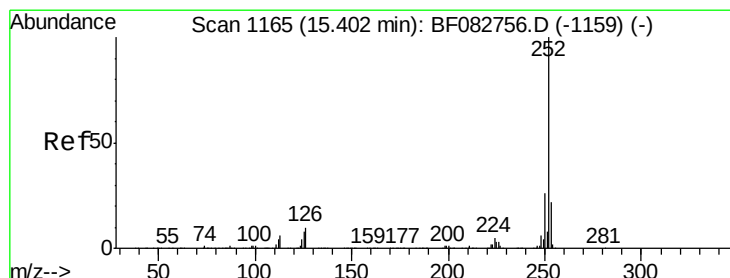
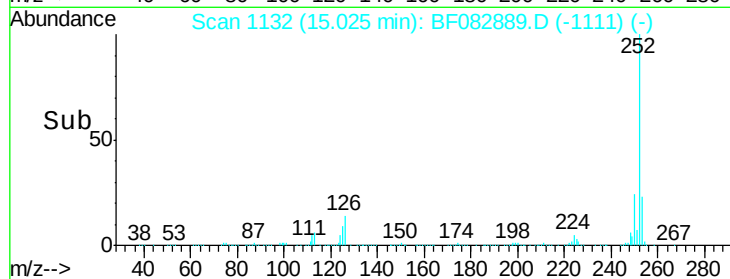
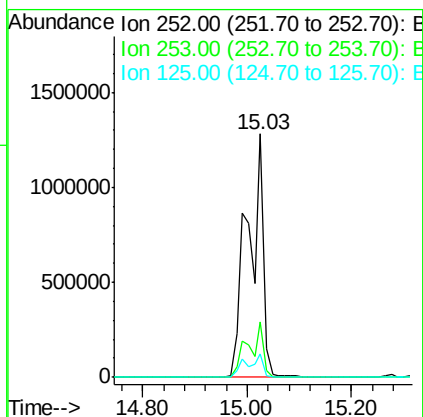
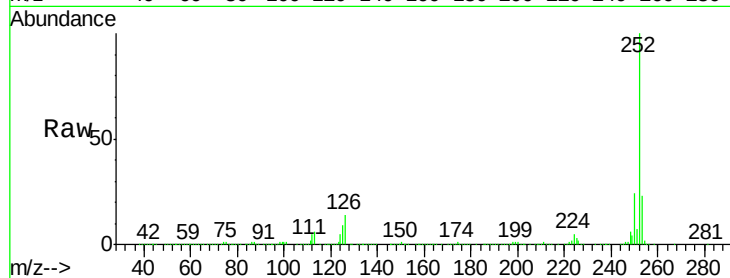




#88
Benzo(k)fluoranthene
Concen: 80.13 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.06 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

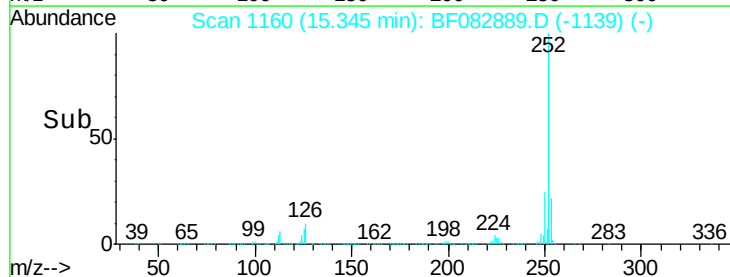
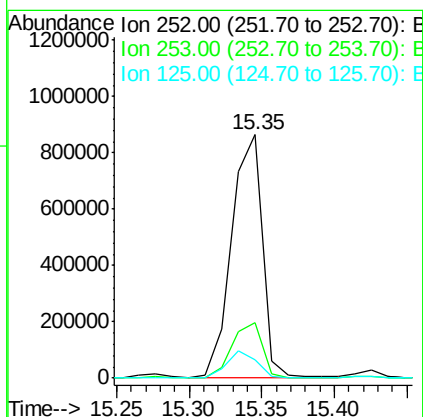
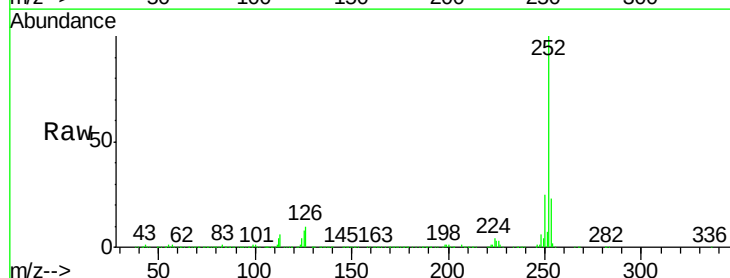
Instrument :
BNA_F
ClientSampleId :
T-14CMSD

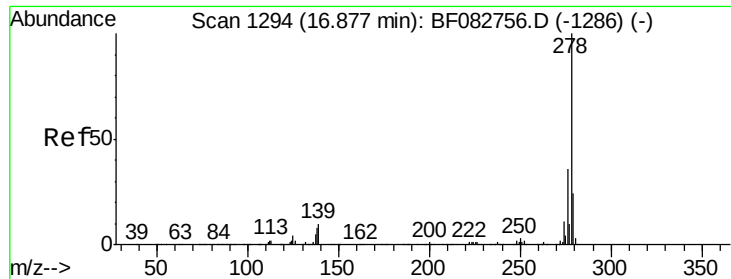
Tgt Ion:252 Resp: 2682165
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 9.5 3.5 5.3#



#89
Benzo(a)pyrene
Concen: 39.02 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.06 min
Lab File: BF082889.D
Acq: 11 Nov 2015 00:38

Tgt Ion:252 Resp: 1275606
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 7.8 7.1 10.7





#90

Dibenzo(a,h)anthracene

Concen: 43.43 ng

RT: 16.80 min Scan# 1287

Delta R.T. -0.07 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

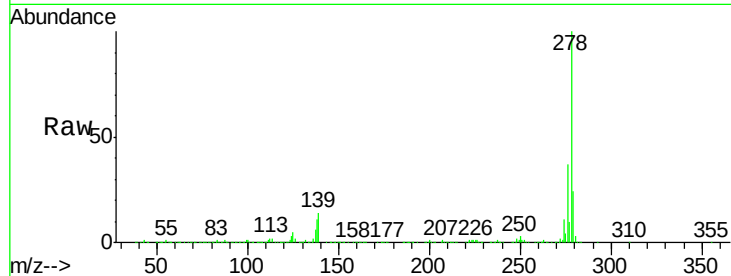
Tgt Ion:278 Resp: 1202345

Ion Ratio Lower Upper

278 100

139 13.9 9.9 14.9

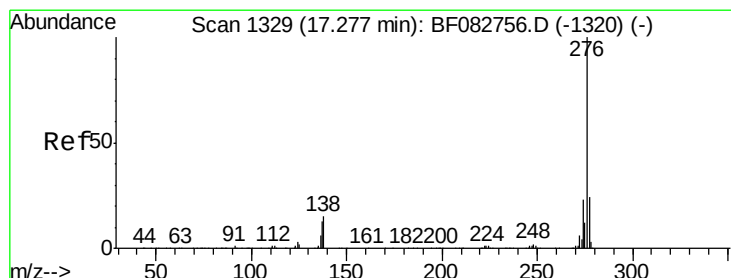
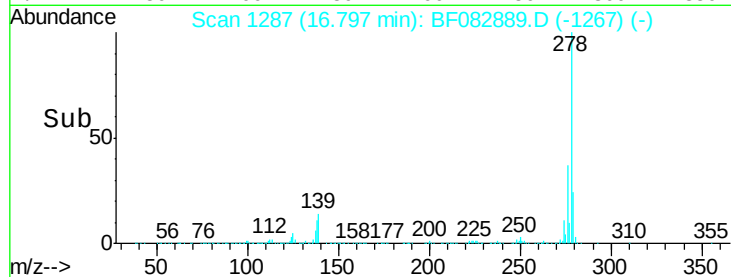
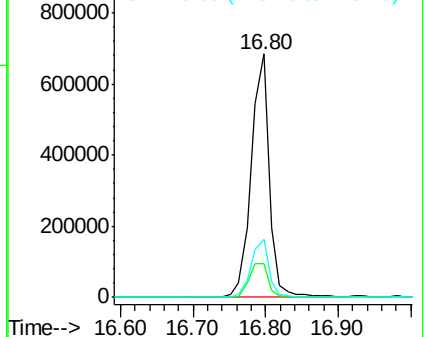
279 24.0 19.6 29.4



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: 44.73 ng

RT: 17.20 min Scan# 1322

Delta R.T. -0.07 min

Lab File: BF082889.D

Acq: 11 Nov 2015 00:38

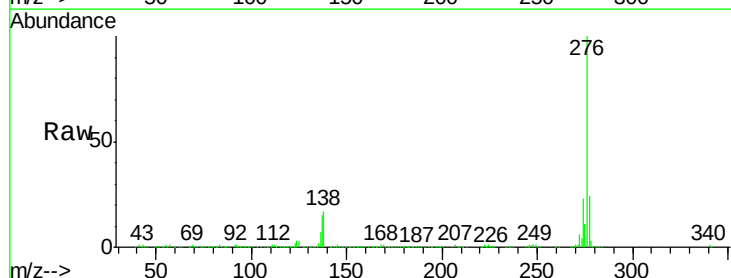
Tgt Ion:276 Resp: 1185944

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 17.5 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

