

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
 Data File : BF089125.D
 Acq On : 19 Jul 2016 18:40
 Operator : UM/SJ
 Sample : H4025-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MSD

Quant Time: Jul 20 02:16:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:28:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	55282	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	219945	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	98731	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	165438	20.00	ng	0.00
75) Chrysene-d12	13.75	240	97130	20.00	ng	-0.01
86) Perylene-d12	15.11	264	90412	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	345577	93.69	ng	0.01
7) Phenol-d6	6.28	99	405635	85.11	ng	0.00
23) Nitrobenzene-d5	7.20	82	322655	76.88	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	77683	84.73	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	578560	92.56	ng	0.00
78) Terphenyl-d14	12.71	244	371080	85.09	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.23	88	43544	23.81	ng	# 87
3) Pyridine	2.83	79	84860	15.99	ng	92
4) n-Nitrosodimethylamine	2.78	42	56503	27.87	ng	95
6) Aniline	6.28	93	70710	10.18	ng	# 11
8) 2-Chlorophenol	6.41	128	131734	33.23	ng	99
9) Benzaldehyde	6.16	77	26631	8.25	ng	85
10) Phenol	6.30	94	154083	28.33	ng	80
11) bis(2-Chloroethyl)ether	6.36	93	129431	31.91	ng	91
12) 1,3-Dichlorobenzene	6.64	146	137848	31.60	ng	97
13) 1,4-Dichlorobenzene	6.64	146	137848	31.83	ng	95
14) 1,2-Dichlorobenzene	6.80	146	126296	31.16	ng	97
15) Benzyl Alcohol	6.78	79	117803	33.58	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.91	45	146003	24.85	ng	# 47
17) 2-Methylphenol	6.90	107	103793	32.09	ng	# 92
18) Hexachloroethane	7.13	117	46521	27.77	ng	# 81
19) n-Nitroso-di-n-propylamine	7.05	70	94632	29.56	ng	95
20) 3+4-Methylphenols	7.06	107	139220	35.87	ng	# 78
22) Acetophenone	7.04	105	195921	36.70	ng	# 93
24) Nitrobenzene	7.21	77	132903	31.41	ng	# 80
25) Isophorone	7.46	82	267290	34.38	ng	98
26) 2-Nitrophenol	7.53	139	65254	37.60	ng	94
27) 2,4-Dimethylphenol	7.59	122	123655	34.21	ng	90
28) bis(2-Chloroethoxy)methane	7.68	93	166832	32.98	ng	98
29) 2,4-Dichlorophenol	7.78	162	111934	38.32	ng	97
30) 1,2,4-Trichlorobenzene	7.85	180	111977	34.93	ng	97
31) Naphthalene	7.93	128	393115	36.25	ng	99
32) Benzoic acid	7.72	122	63515	24.20	ng	93
33) 4-Chloroaniline	7.99	127	57542	11.93	ng	97
34) Hexachlorobutadiene	8.06	225	65403	38.11	ng	98
35) Caprolactam	8.35	113	27056	27.27	ng	96
36) 4-Chloro-3-methylphenol	8.49	107	124943	36.17	ng	99
37) 2-Methylnaphthalene	8.63	142	252262	36.13	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	98879	30.11	ng	# 1
40) Hexachlorocyclopentadiene	8.78	237	23689	14.70	ng	99

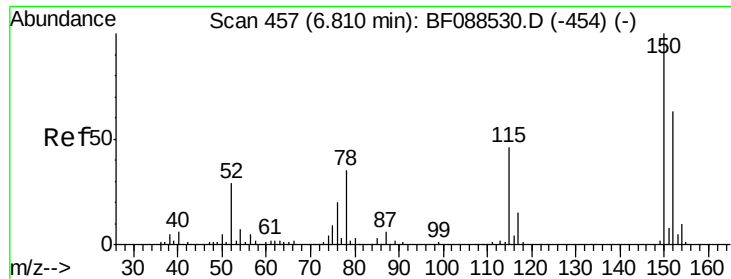
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	69547	32.12	ng	99
43) 2,4,5-Trichlorophenol	8.96	196	74083	39.77	ng	98
45) 1,1'-Biphenyl	9.08	154	279854	34.23	ng	99
46) 2-Chloronaphthalene	9.11	162	221903	34.57	ng	99
47) 2-Nitroaniline	9.21	65	82089	36.04	ng	95
48) Acenaphthylene	9.52	152	351780	34.45	ng	99
49) Dimethylphthalate	9.39	163	257446	36.60	ng	100
50) 2,6-Dinitrotoluene	9.45	165	53140	34.09	ng	# 39
51) Acenaphthene	9.69	154	223685	35.73	ng	99
52) 3-Nitroaniline	9.62	138	32789	16.55	ng	# 76
53) 2,4-Dinitrophenol	9.74	184	13799	20.05	ng	# 81
54) Dibenzofuran	9.86	168	309933	37.83	ng	# 88
55) 4-Nitrophenol	9.80	139	71832	47.70	ng	92
56) 2,4-Dinitrotoluene	9.86	165	74058	36.33	ng	# 69
57) Fluorene	10.20	166	255979	40.54	ng	97
58) 2,3,4,6-Tetrachlorophenol	9.99	232	52834	36.66	ng	# 50
59) Diethylphthalate	10.09	149	270909	38.38	ng	98
60) 4-Chlorophenyl-phenylether	10.20	204	111429	37.98	ng	# 86
61) 4-Nitroaniline	10.23	138	54596	28.63	ng	79
62) Azobenzene	10.35	77	275802	34.25	ng	92
64) 4,6-Dinitro-2-methylphenol	10.26	198	12528	14.16	ng	95
65) n-Nitrosodiphenylamine	10.32	169	209231	37.37	ng	100
66) 4-Bromophenyl-phenylether	10.68	248	65176	39.09	ng	# 86
67) Hexachlorobenzene	10.75	284	61508	33.33	ng	# 77
68) Atrazine	10.86	200	64143	36.76	ng	98
69) Pentachlorophenol	10.95	266	54246	49.67	ng	96
70) Phenanthrene	11.15	178	315173	34.85	ng	99
71) Anthracene	11.21	178	338509	37.64	ng	98
72) Carbazole	11.36	167	267221	31.57	ng	99
73) Di-n-butylphthalate	11.70	149	381199	38.72	ng	98
74) Fluoranthene	12.33	202	270463	29.50	ng	99
76) Benzidine	12.46	184	60648	12.35	ng	97
77) Pyrene	12.56	202	292016	35.46	ng	98
79) Butylbenzylphthalate	13.19	149	133787	36.42	ng	# 75
80) Benzo(a)anthracene	13.74	228	228483	36.53	ng	99
81) 3,3'-Dichlorobenzidine	13.71	252	75280	32.01	ng	98
82) Chrysene	13.78	228	227262	36.73	ng	97
83) Bis(2-ethylhexyl)phthalate	13.76	149	193465	46.13	ng	# 99
84) Di-n-octyl phthalate	14.37	149	324929	45.60	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.34	276	165926	34.85	ng	# 100
87) Benzo(b)fluoranthene	14.77	252	405273	71.46	ng	# 97
88) Benzo(k)fluoranthene	14.77	252	405273	82.08	ng	97
89) Benzo(a)pyrene	15.05	252	182934	38.10	ng	# 96
90) Dibenzo(a,h)anthracene	16.35	278	142869	35.63	ng	98
91) Benzo(g,h,i)perylene	16.72	276	131165	31.61	ng	94

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

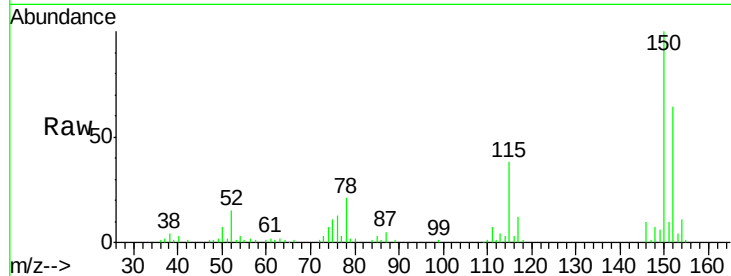


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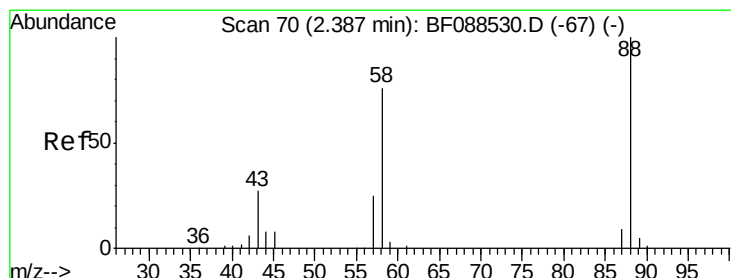
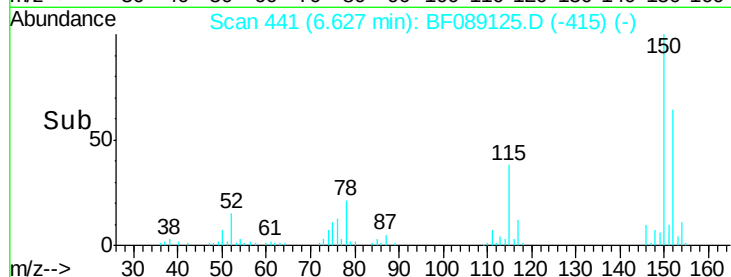
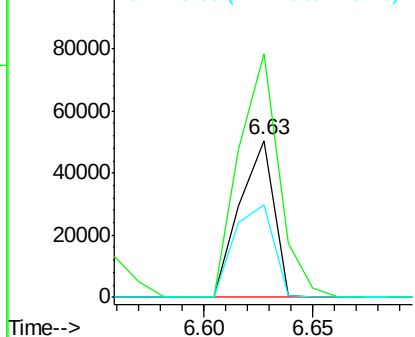
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF089125.D
Acq: 19 Jul 2016 18:40

Instrument :
BNA_F
ClientSampleId :
HSR-WC-60-071116MSD

Tgt Ion:152 Resp: 55282
Ion Ratio Lower Upper
152 100
150 155.5 123.8 185.6
115 59.4 39.6 59.4#



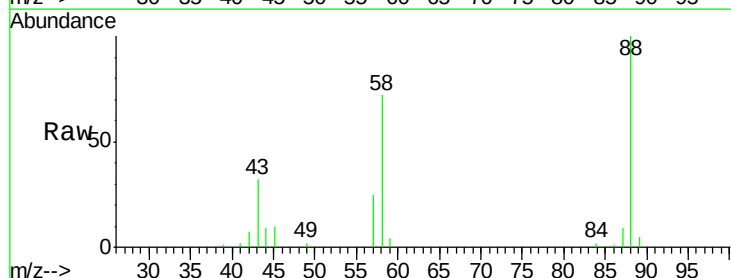
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



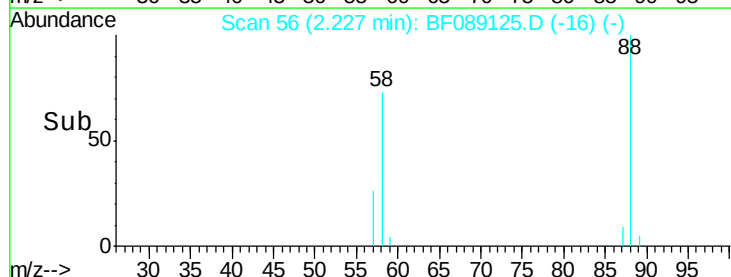
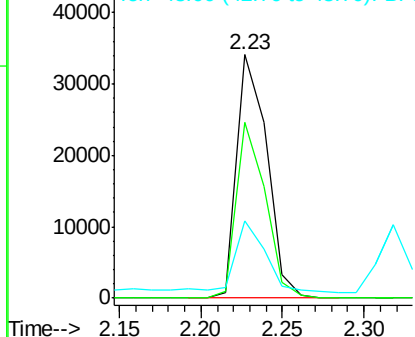
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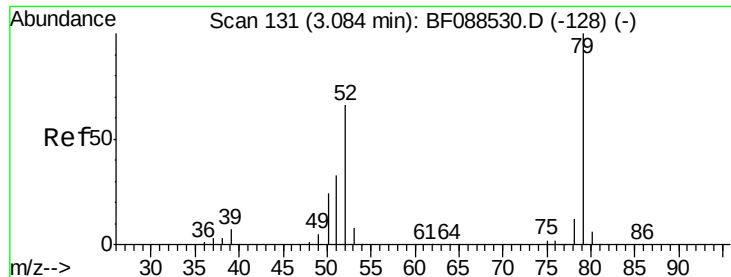
1,4-Dioxane
Concen: 23.81 ng
RT: 2.23 min Scan# 56
Delta R.T. 0.16 min
Lab File: BF089125.D
Acq: 19 Jul 2016 18:40

Tgt Ion: 88 Resp: 43544
Ion Ratio Lower Upper
88 100
58 69.1 0.0 0.0#
43 0.0 3.4 5.2#



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





#3

Pyridine

Concen: 15.99 ng

RT: 2.83 min Scan# 109

Delta R.T. 0.14 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MSD

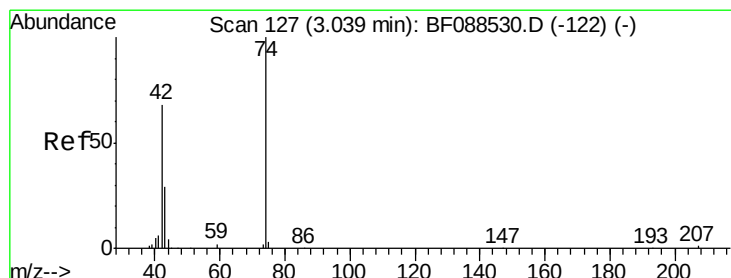
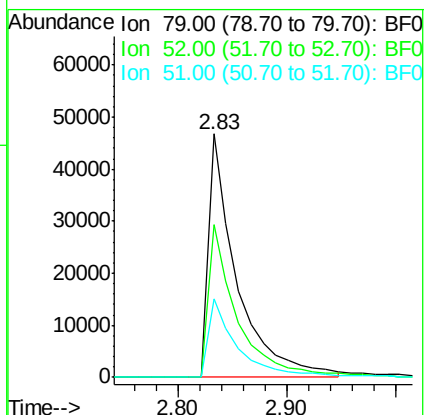
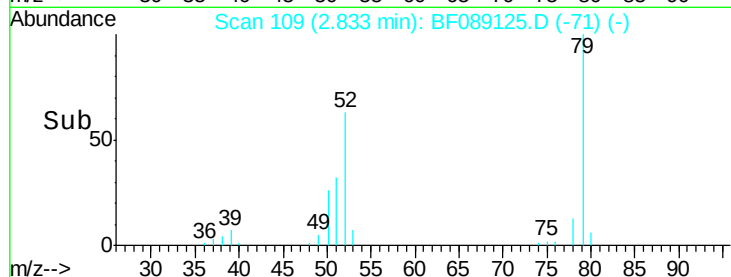
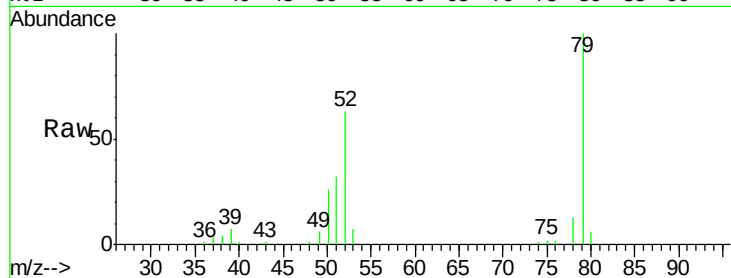
Tgt Ion: 79 Resp: 84860

Ion Ratio Lower Upper

79 100

52 62.5 56.3 84.5

51 32.1 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 27.87 ng

RT: 2.78 min Scan# 104

Delta R.T. 0.11 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

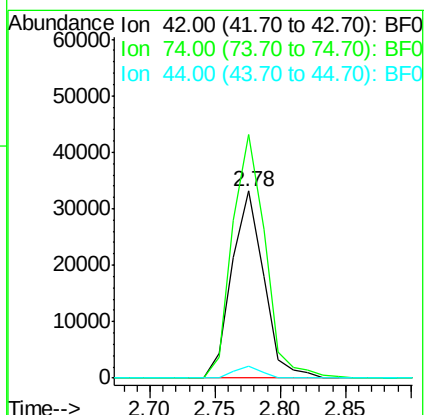
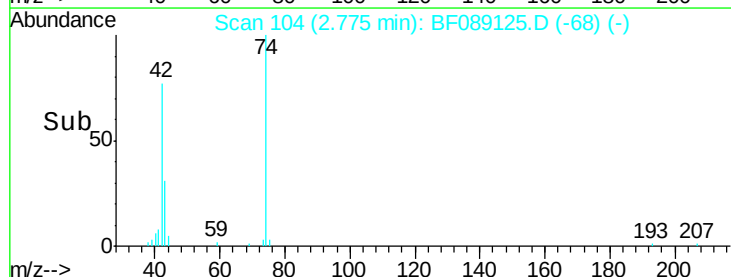
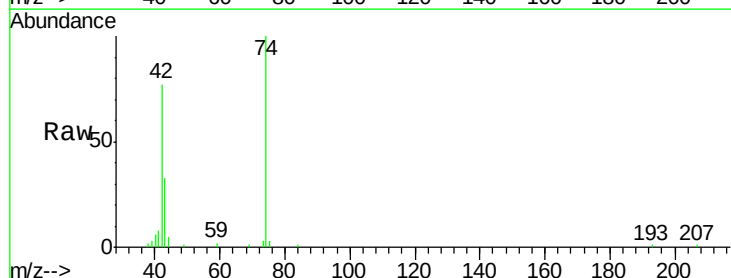
Tgt Ion: 42 Resp: 56503

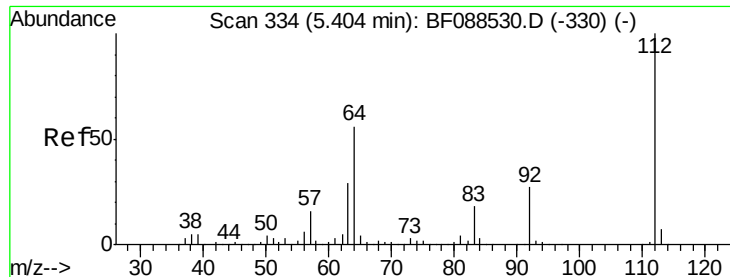
Ion Ratio Lower Upper

42 100

74 130.1 108.6 163.0

44 6.1 5.5 8.3





#5

2-Fluorophenol

Concen: 93.69 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MSD

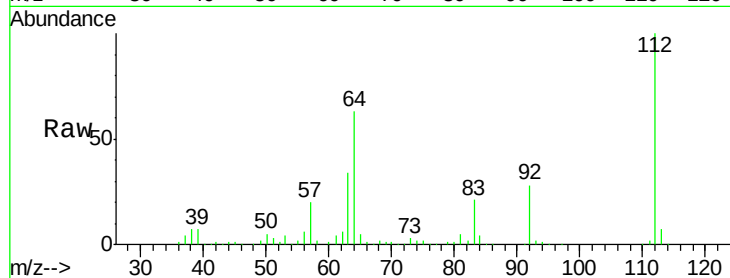
Tgt Ion: 112 Resp: 345577

Ion Ratio Lower Upper

112 100

64 63.0 42.2 63.2

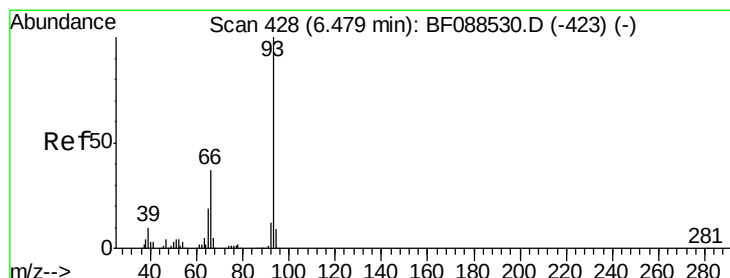
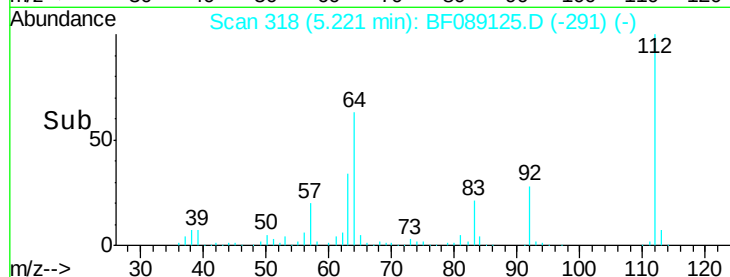
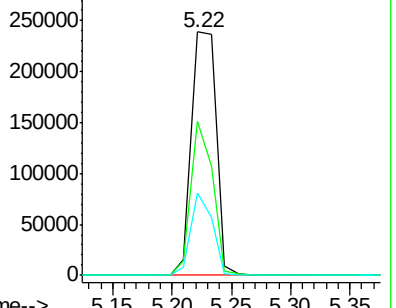
63 34.0 21.8 32.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.18 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

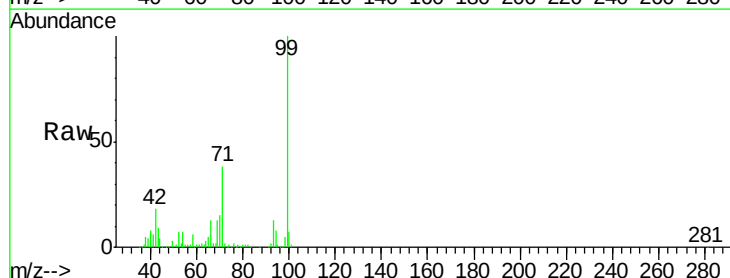
Tgt Ion: 93 Resp: 70710

Ion Ratio Lower Upper

93 100

66 100.7 29.8 44.8#

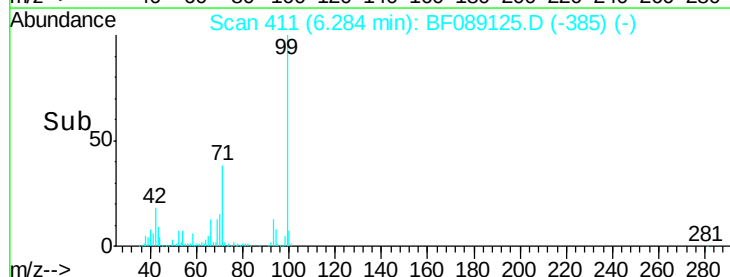
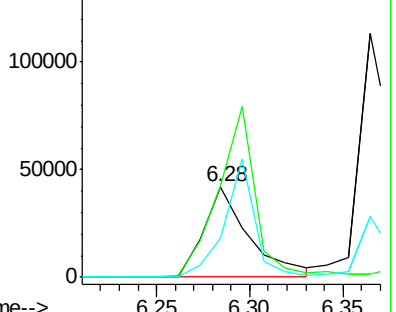
65 42.5 14.9 22.3#

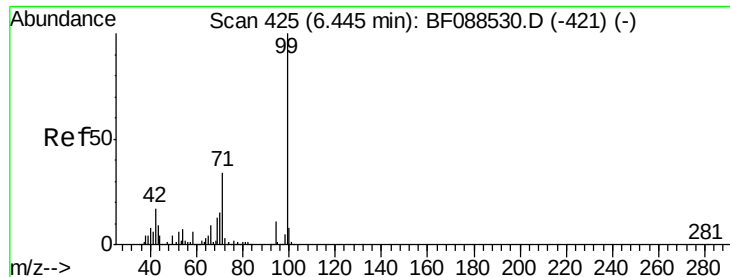


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 85.11 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MSD

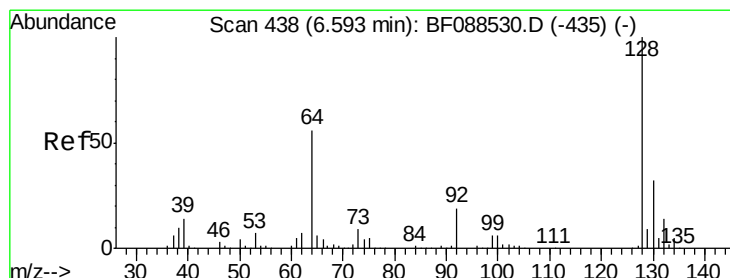
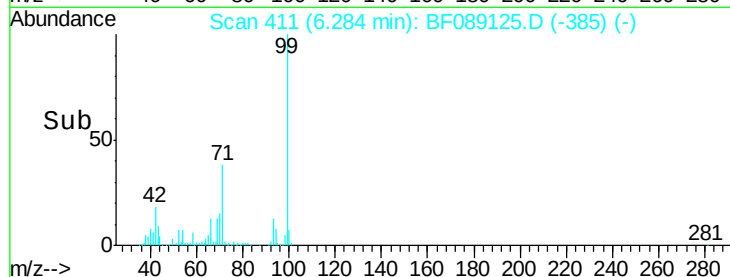
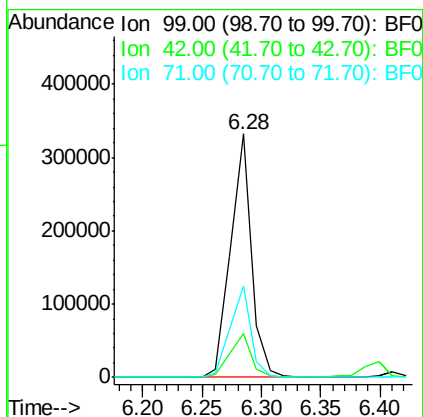
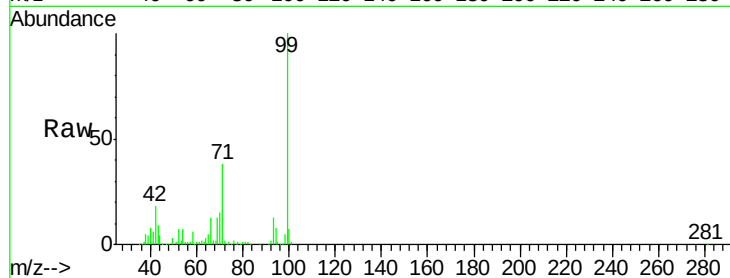
Tgt Ion: 99 Resp: 405635

Ion Ratio Lower Upper

99 100

42 17.9 12.2 18.2

71 37.6 23.4 35.0#



#8

2-Chlorophenol

Concen: 33.23 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

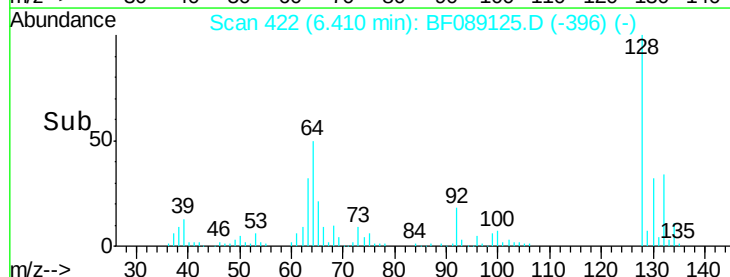
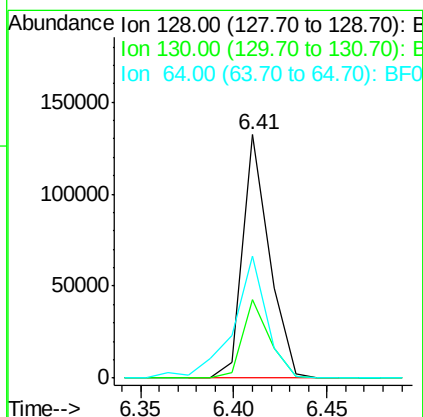
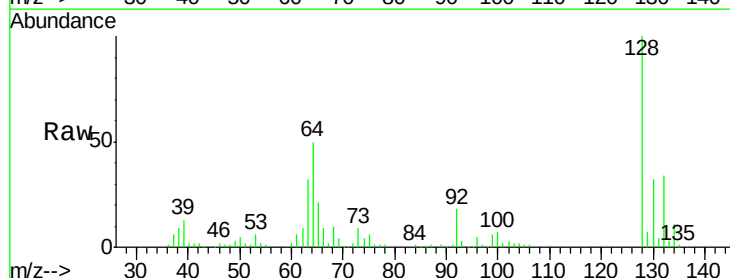
Tgt Ion: 128 Resp: 131734

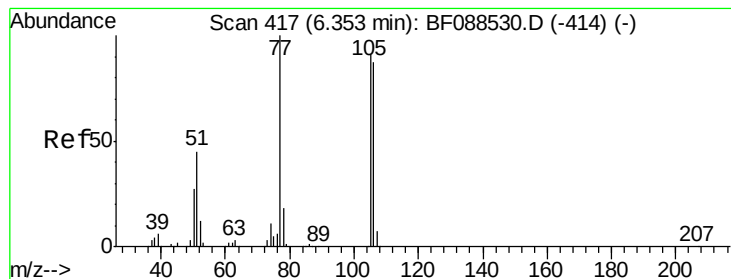
Ion Ratio Lower Upper

128 100

130 32.4 12.0 52.0

64 50.3 30.8 70.8





#9

Benzaldehyde

Concen: 8.25 ng

RT: 6.16 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MSD

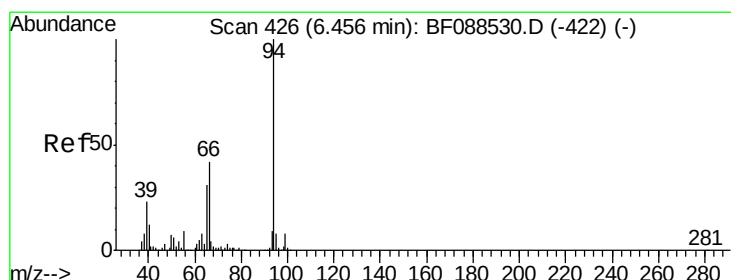
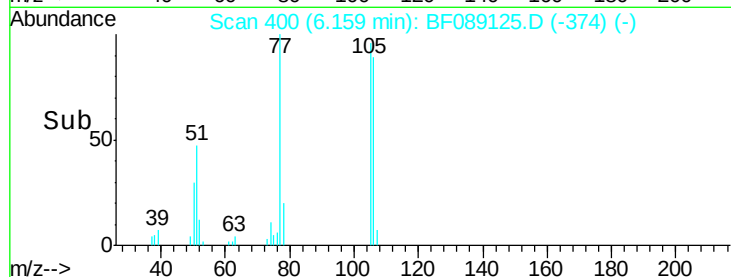
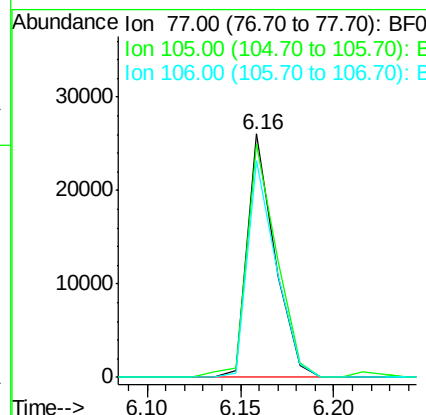
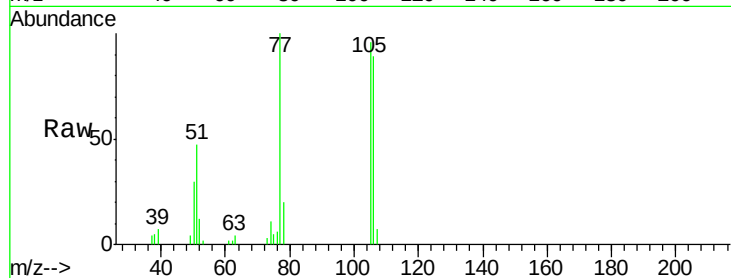
Tgt Ion: 77 Resp: 26631

Ion Ratio Lower Upper

77 100

105 96.1 90.6 130.6

106 89.1 85.3 125.3



#10

Phenol

Concen: 28.33 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

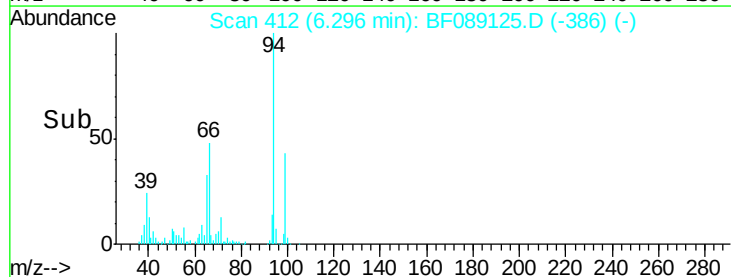
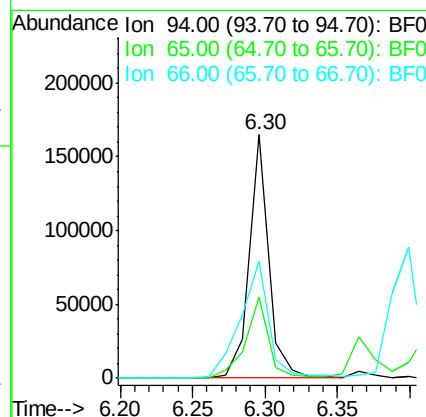
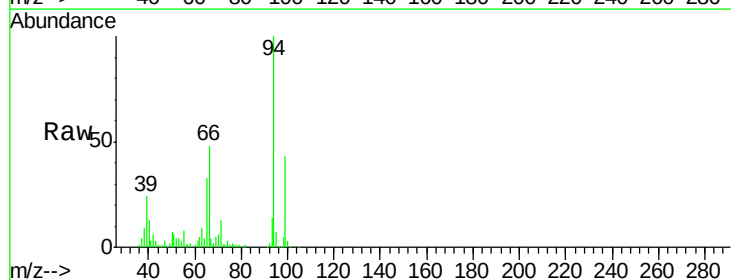
Tgt Ion: 94 Resp: 154083

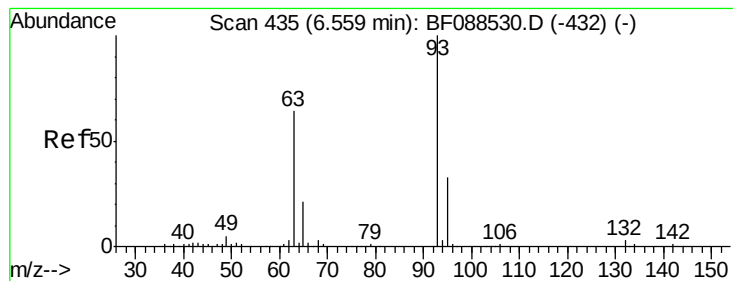
Ion Ratio Lower Upper

94 100

65 33.3 5.9 45.9

66 48.2 14.0 54.0

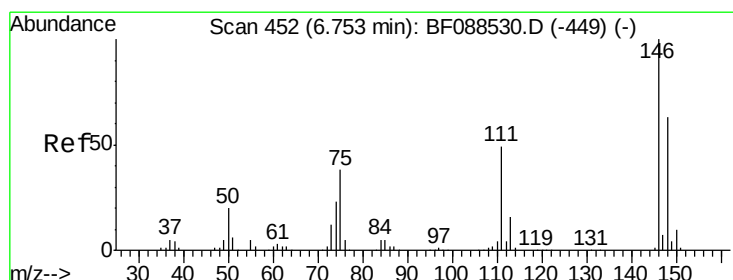
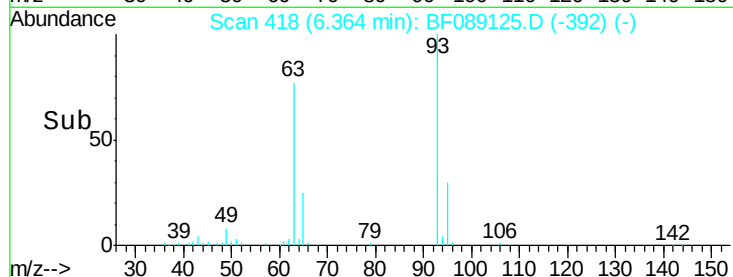
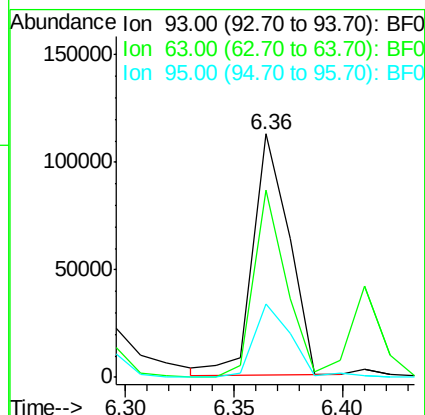
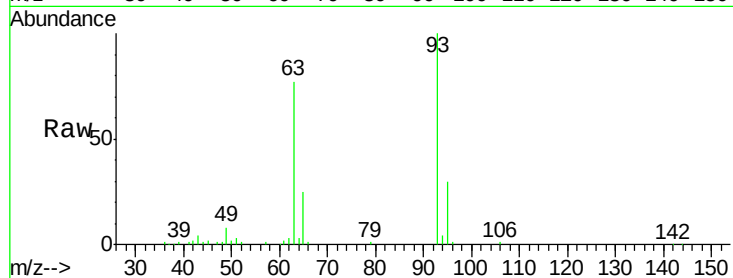




#11
 bis(2-Chloroethyl)ether
 Concen: 31.91 ng
 RT: 6.36 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

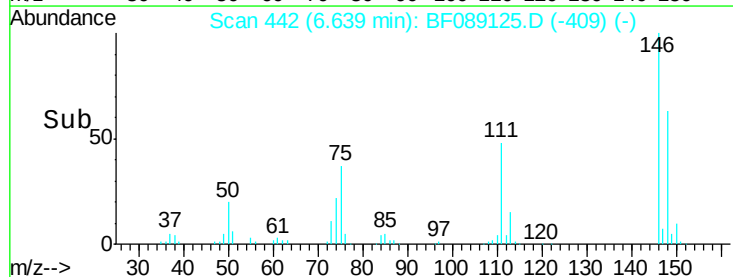
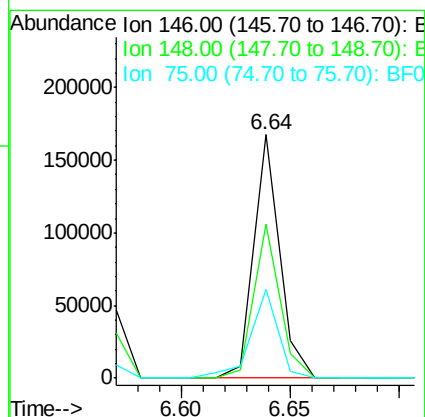
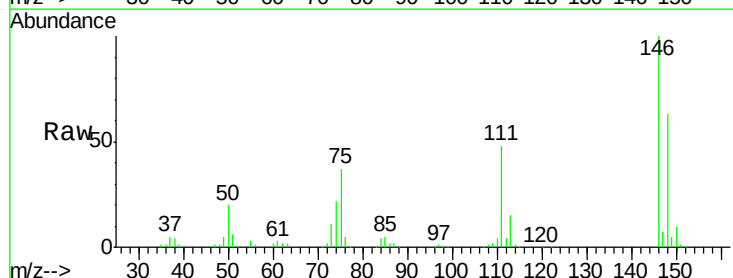
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MSD

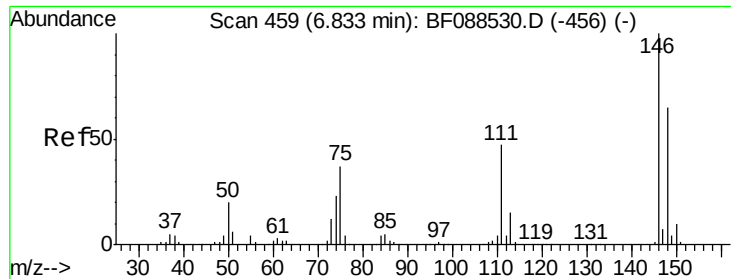
Tgt Ion: 93 Resp: 129431
 Ion Ratio Lower Upper
 93 100
 63 77.2 67.6 107.6
 95 30.2 12.5 52.5



#12
 1,3-Dichlorobenzene
 Concen: 31.60 ng
 RT: 6.64 min Scan# 442
 Delta R.T. 0.08 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

Tgt Ion: 146 Resp: 137848
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.9 76.3
 75 36.5 25.6 38.4

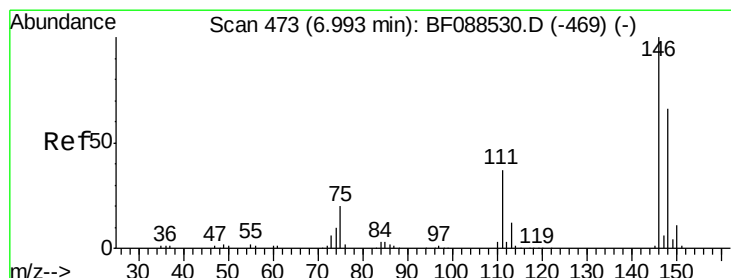
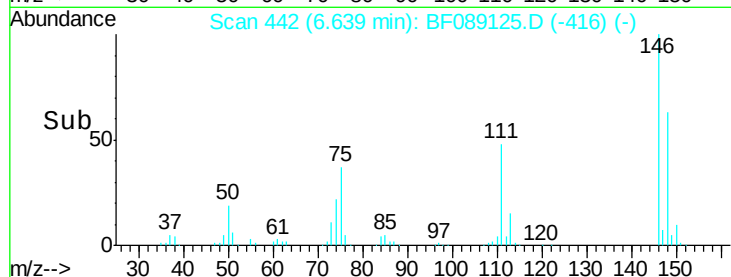
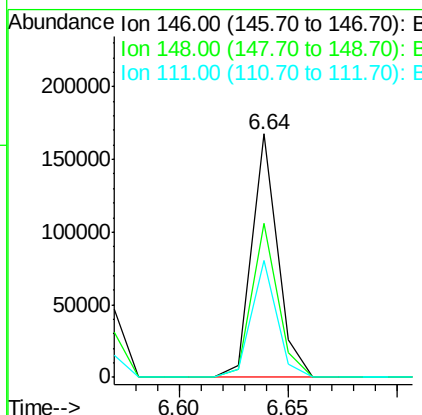
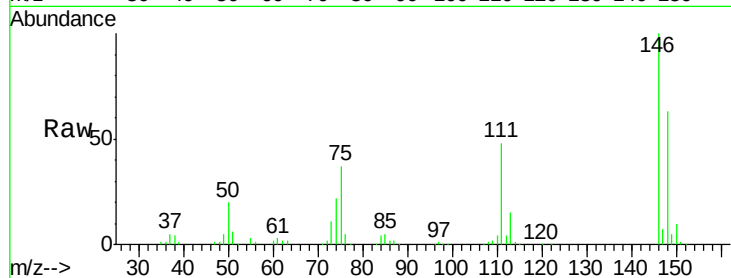




#13
 1,4-Dichlorobenzene
 Concen: 31.83 ng
 RT: 6.64 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

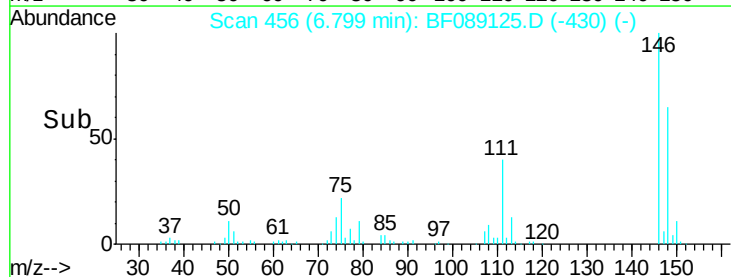
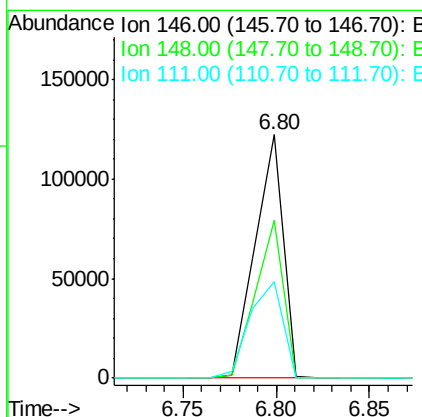
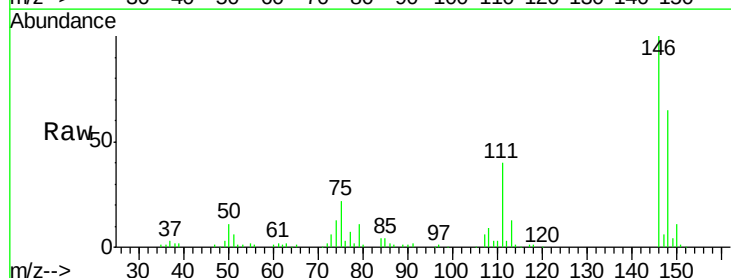
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MSD

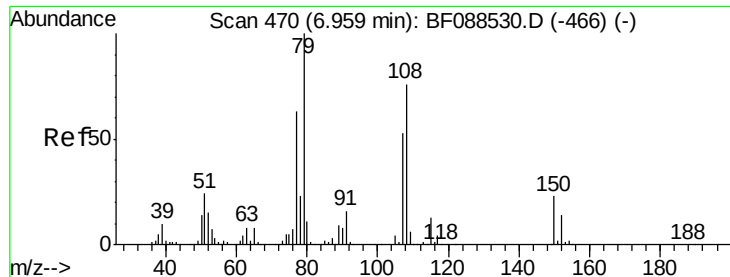
Tgt Ion:146 Resp: 137848
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.0 78.0
 111 47.8 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 31.16 ng
 RT: 6.80 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

Tgt Ion:146 Resp: 126296
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.3 78.5
 111 39.7 28.7 43.1





#15

Benzyl Alcohol

Concen: 33.58 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MSD

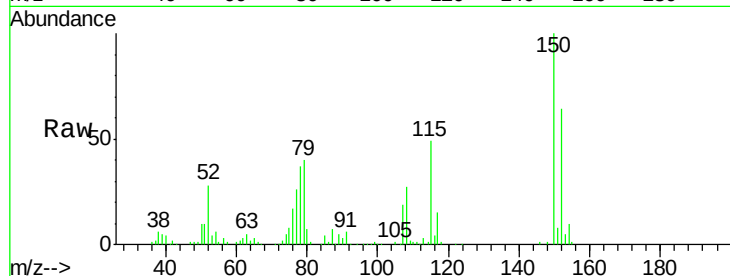
Tgt Ion: 79 Resp: 117803

Ion Ratio Lower Upper

79 100

108 67.2 65.0 97.6

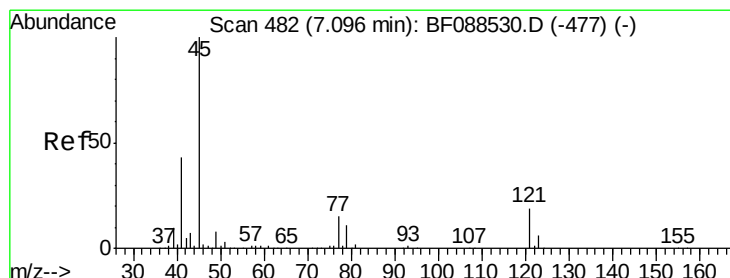
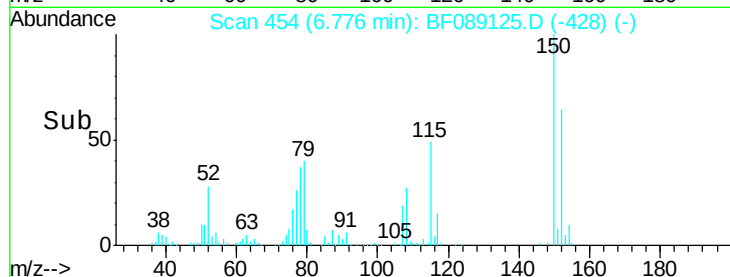
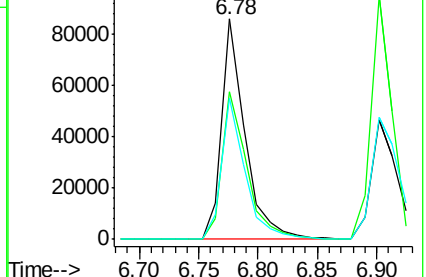
77 64.1 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.85 ng

RT: 6.91 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

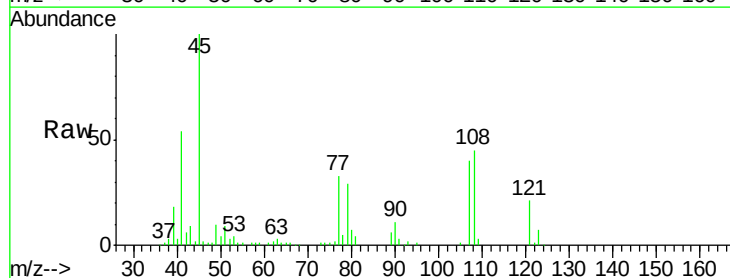
Tgt Ion: 45 Resp: 146003

Ion Ratio Lower Upper

45 100

77 32.9 0.0 32.5#

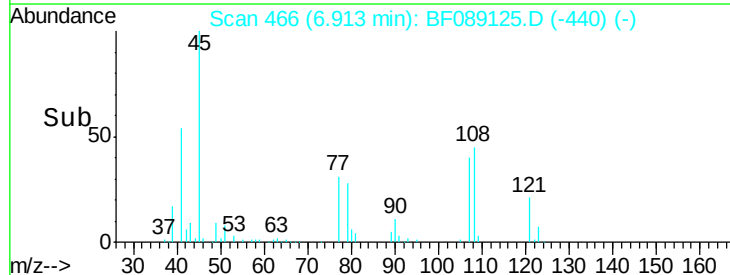
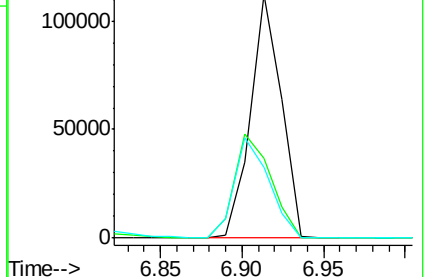
79 29.2 0.0 29.5

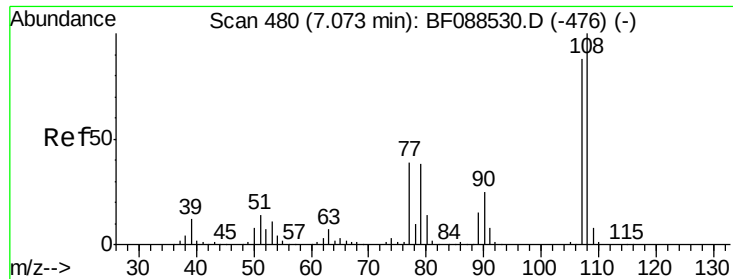


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 32.09 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

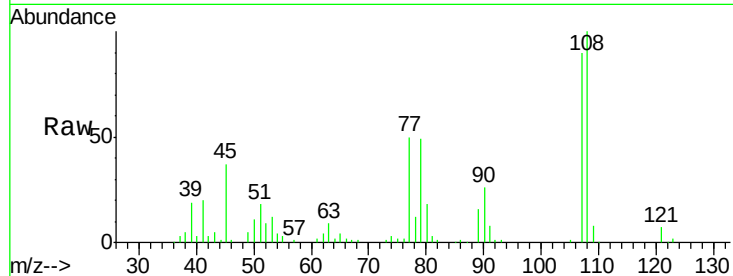
Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MSD

Tgt Ion:	107	Resp:	103793
Ion	Ratio	Lower	Upper
107	100		
108	110.8	90.9	136.3
77	55.7	36.6	55.0#
79	54.2	36.5	54.7



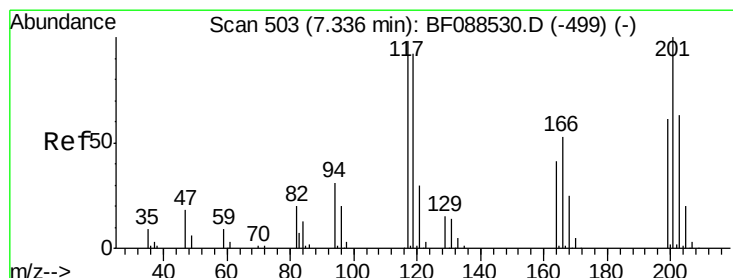
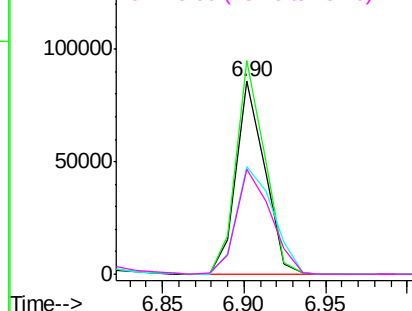
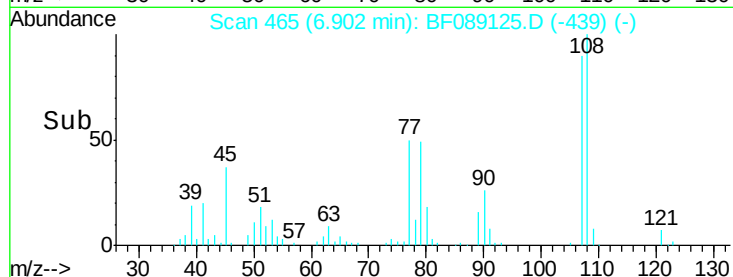
Abundance

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: 27.77 ng

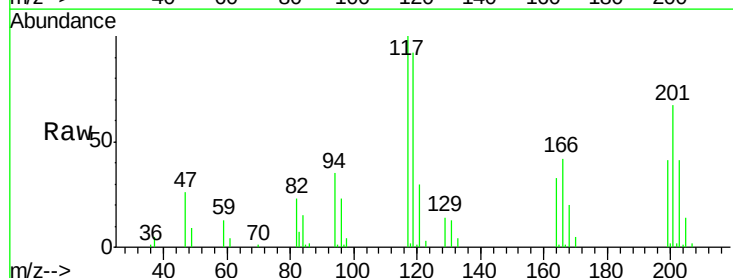
RT: 7.13 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

Tgt Ion:	117	Resp:	46521
Ion	Ratio	Lower	Upper
117	100		
119	92.3	77.4	116.2
201	66.8	80.4	120.6#

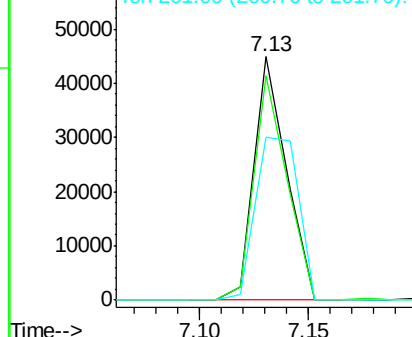
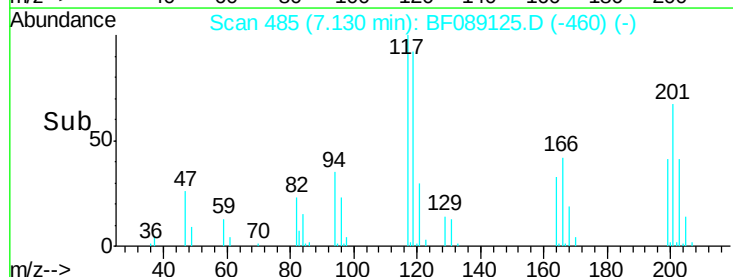


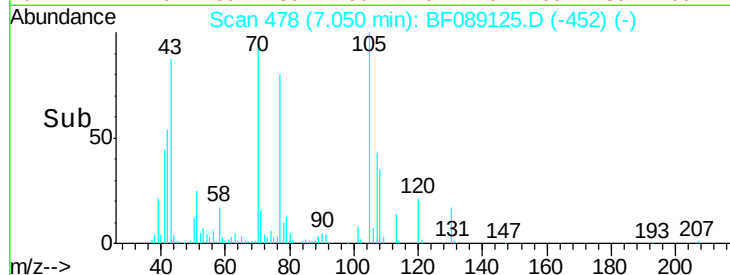
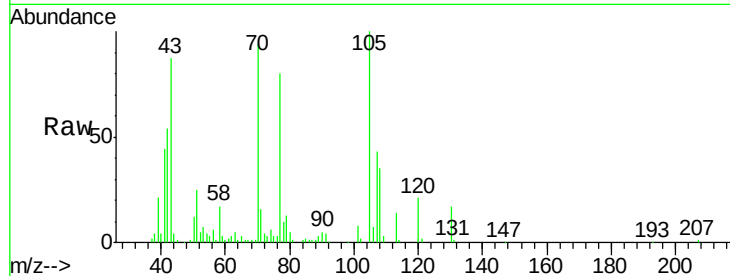
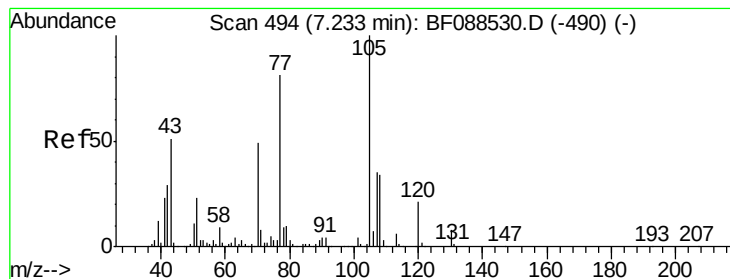
Abundance

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: 29.56 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MSD

Tgt Ion: 70 Resp: 94632

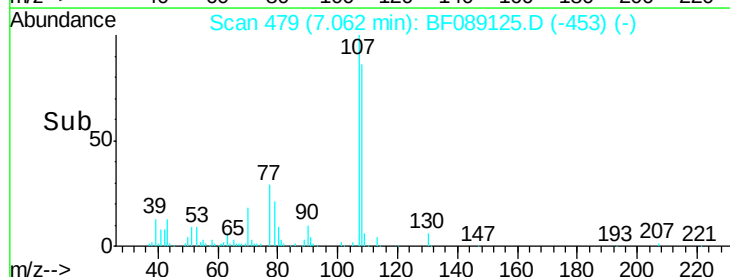
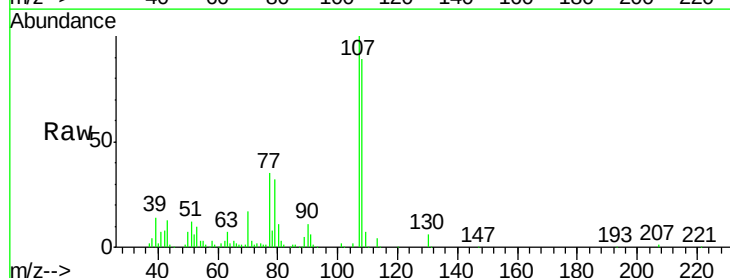
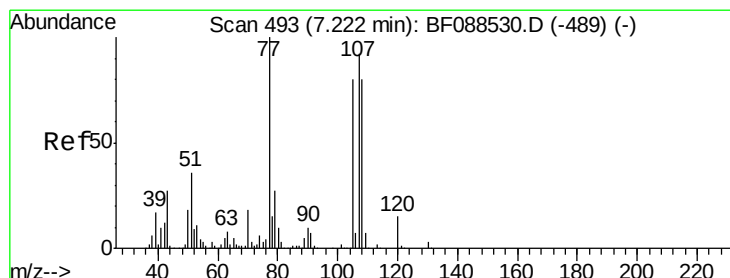
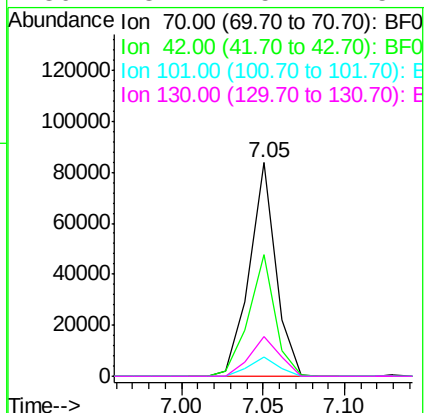
Ion Ratio Lower Upper

70 100

42 56.8 49.6 74.4

101 9.0 7.1 10.7

130 18.4 15.4 23.2



#20

3+4-Methylphenols

Concen: 35.87 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

Tgt Ion: 107 Resp: 139220

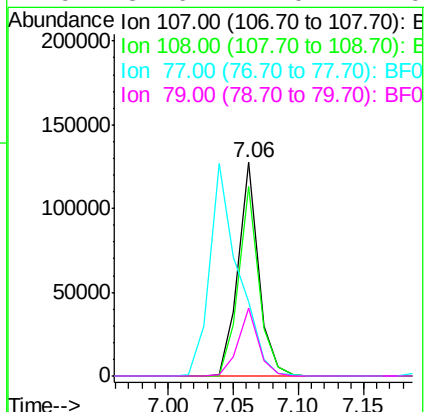
Ion Ratio Lower Upper

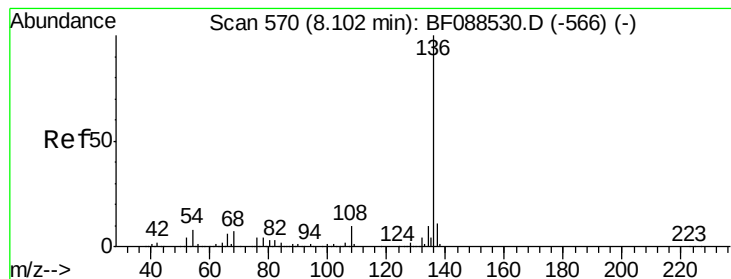
107 100

108 88.7 67.8 107.8

77 35.0 59.3 99.3#

79 31.6 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MSD

Tgt Ion:136 Resp: 219945

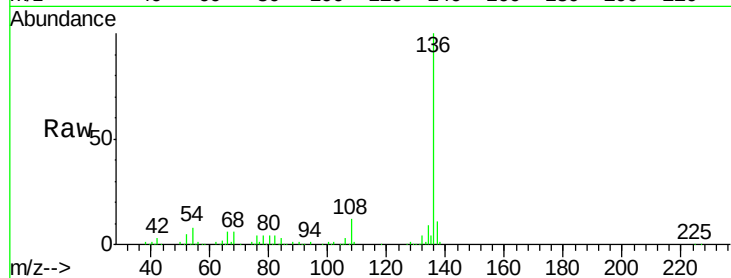
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.1 6.6 10.0

68 6.2 5.1 7.7

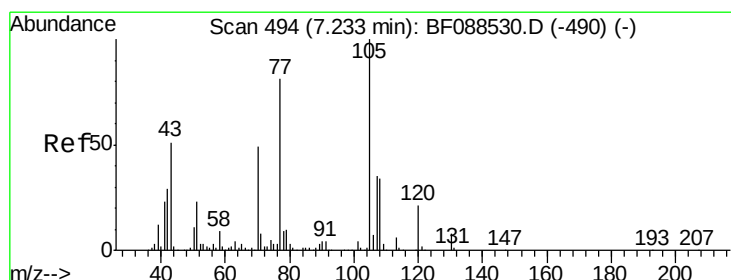
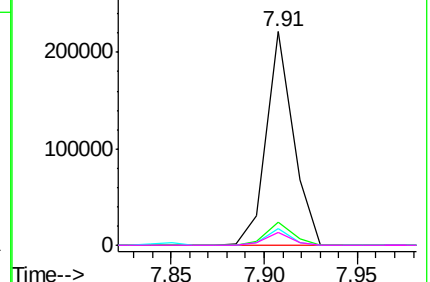
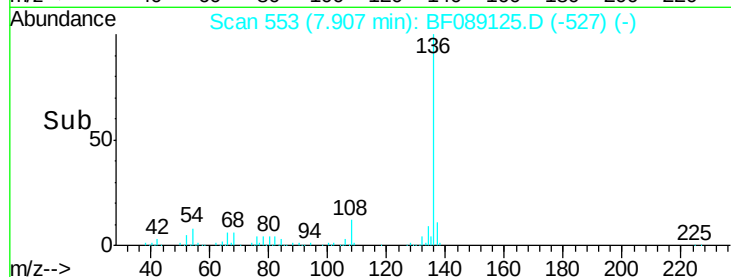


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.70 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

Tgt Ion:105 Resp: 195921

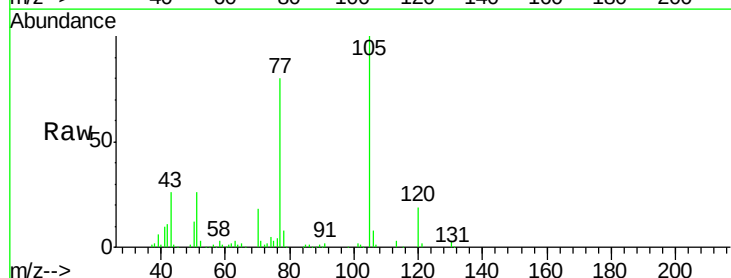
Ion Ratio Lower Upper

105 100

71 3.0 5.3 7.9#

51 26.4 18.2 27.4

120 19.4 18.0 27.0

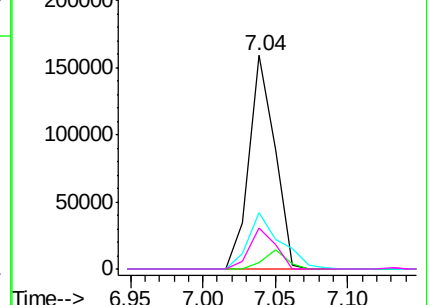
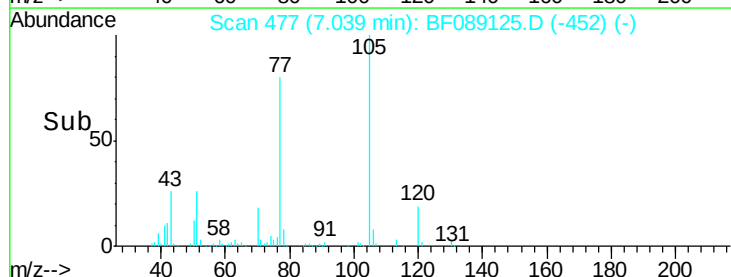


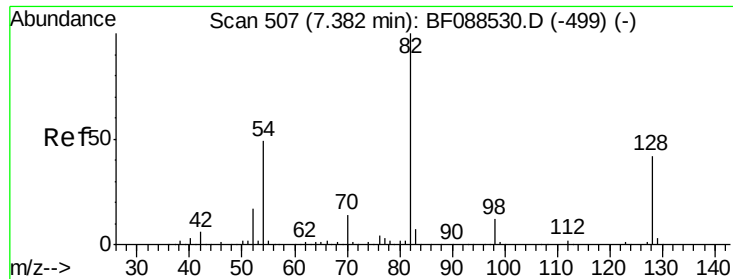
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

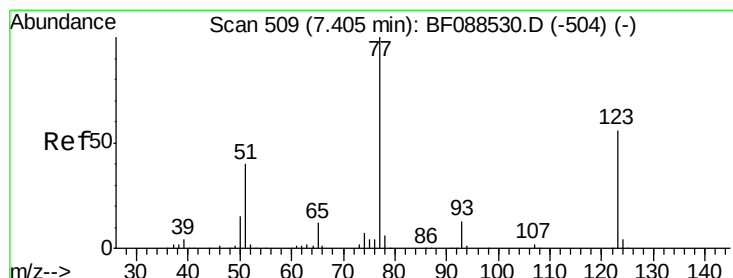
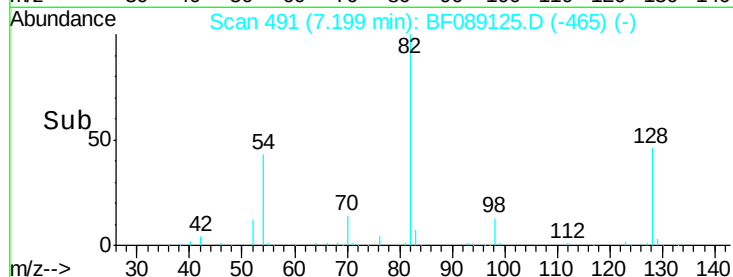
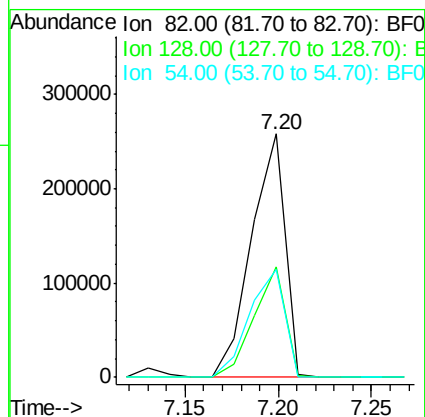
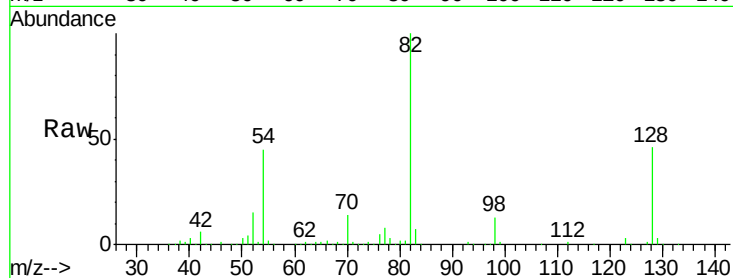




#23
Nitrobenzene-d5
Concen: 76.88 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF089125.D
Acq: 19 Jul 2016 18:40

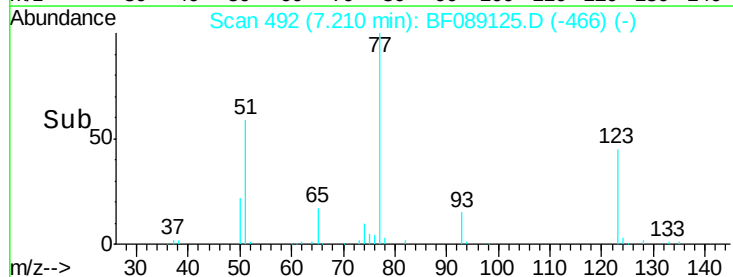
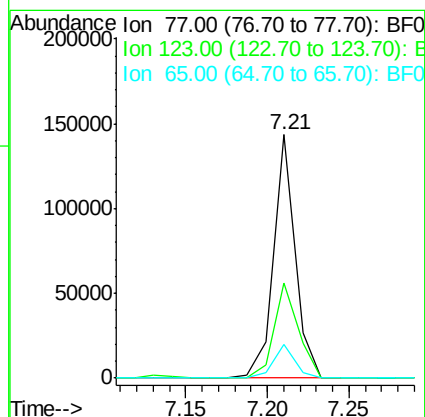
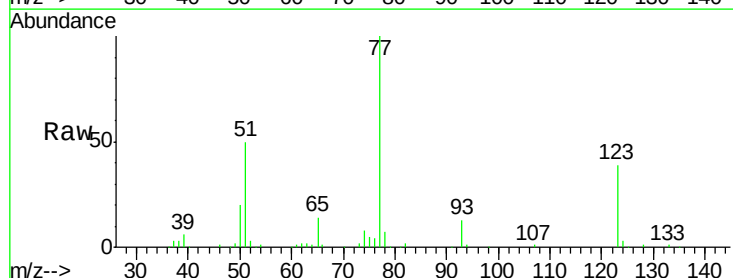
Instrument :
BNA_F
ClientSampleId :
HSR-WC-60-071116MSD

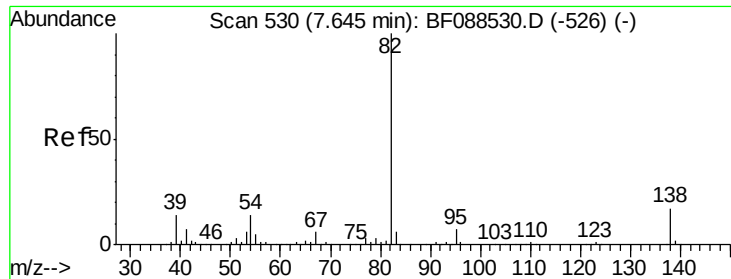
Tgt Ion: 82 Resp: 322655
Ion Ratio Lower Upper
82 100
128 45.6 35.9 53.9
54 44.6 40.9 61.3



#24
Nitrobenzene
Concen: 31.41 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF089125.D
Acq: 19 Jul 2016 18:40

Tgt Ion: 77 Resp: 132903
Ion Ratio Lower Upper
77 100
123 39.1 45.0 67.4#
65 13.8 10.2 15.2





#25

Isophorone

Concen: 34.38 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MSD

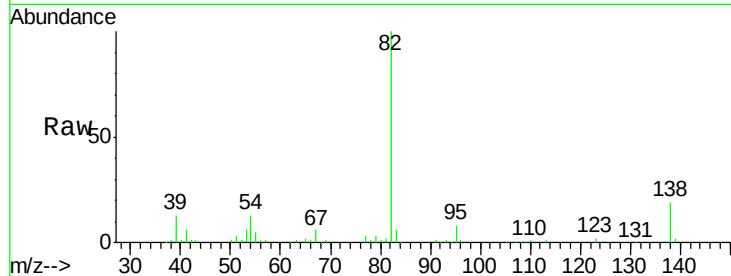
Tgt Ion: 82 Resp: 267290

Ion Ratio Lower Upper

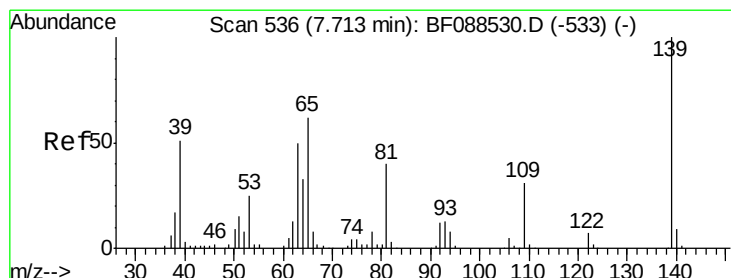
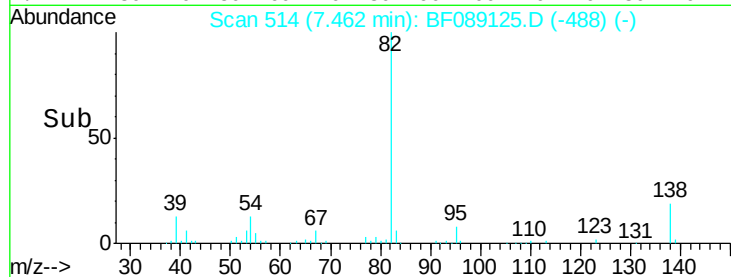
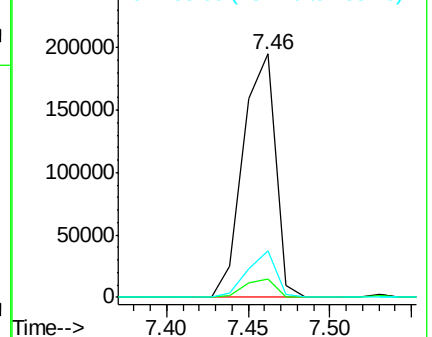
82 100

95 7.8 5.4 8.2

138 19.2 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 37.60 ng

RT: 7.53 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

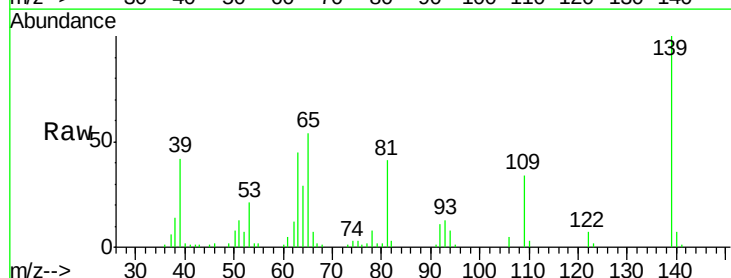
Tgt Ion: 139 Resp: 65254

Ion Ratio Lower Upper

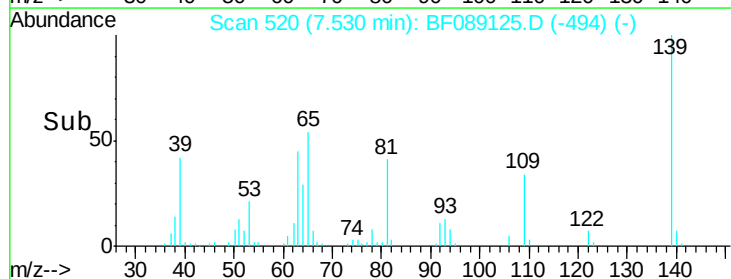
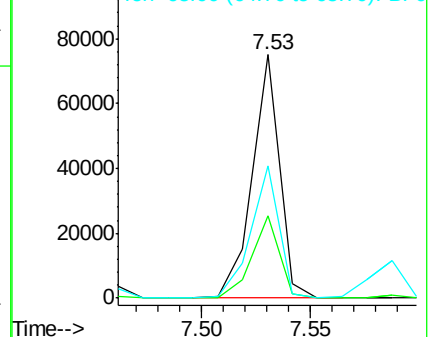
139 100

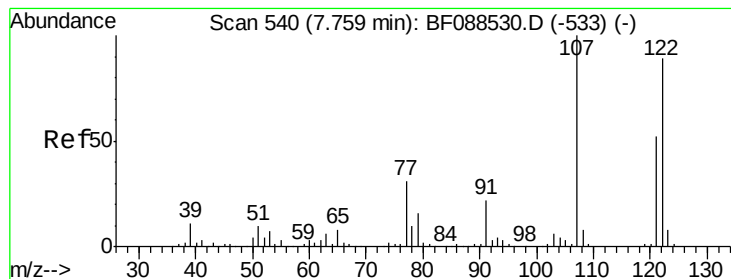
109 34.0 23.0 34.4

65 54.4 45.8 68.8



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

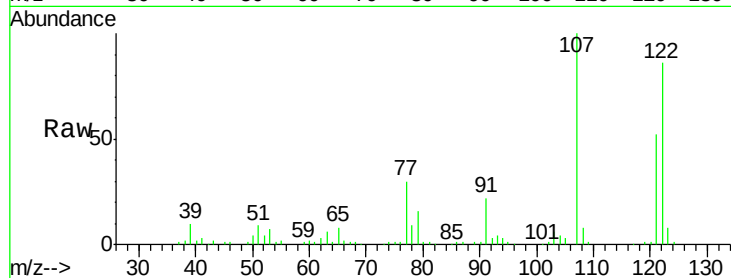




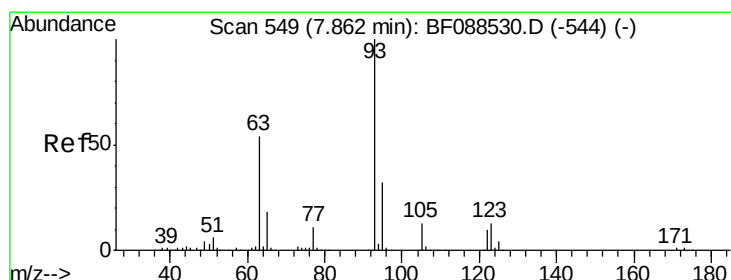
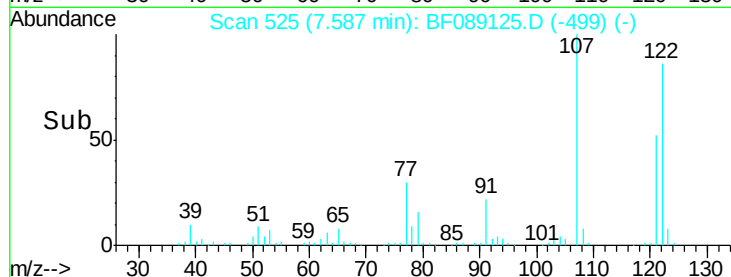
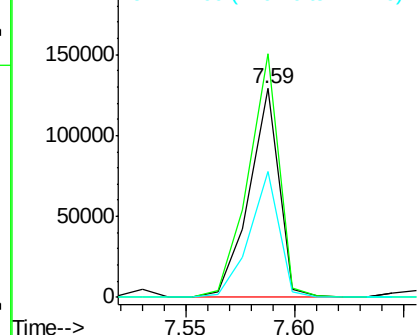
#27
 2,4-Dimethylphenol
 Concen: 34.21 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.7	82.4	123.6
121	60.2	46.3	69.5

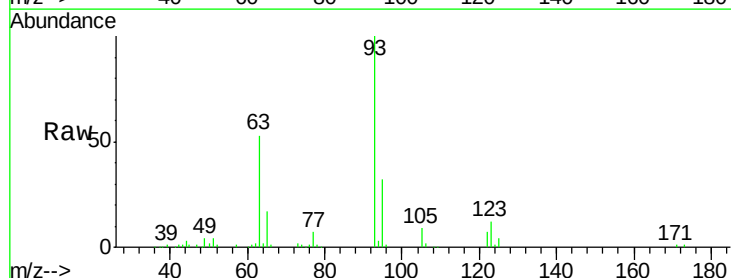


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

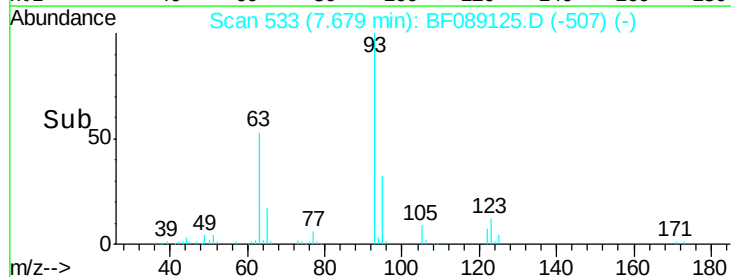
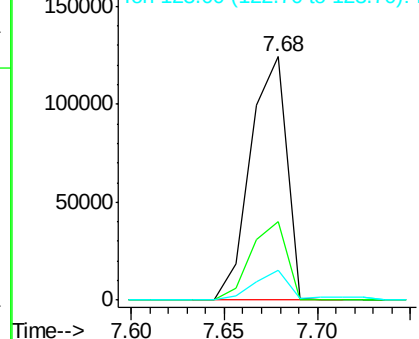


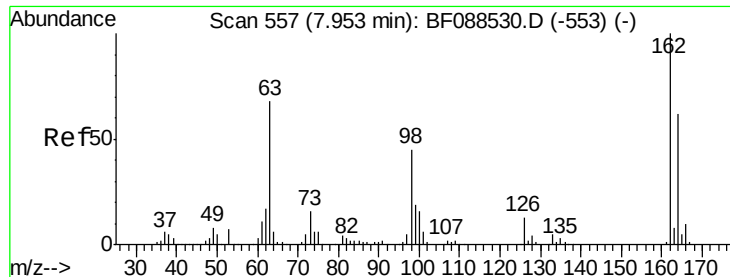
#28
 bis(2-Chloroethoxy)methane
 Concen: 32.98 ng
 RT: 7.68 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.5	39.7
123	12.4	11.6	17.4



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

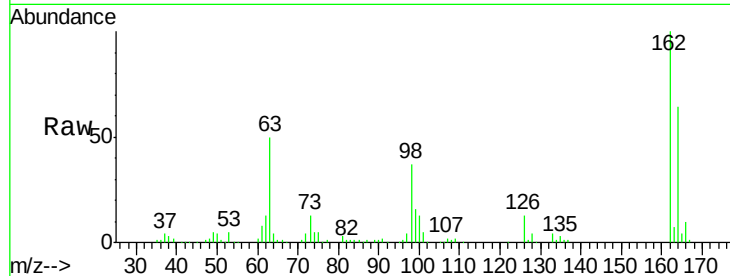




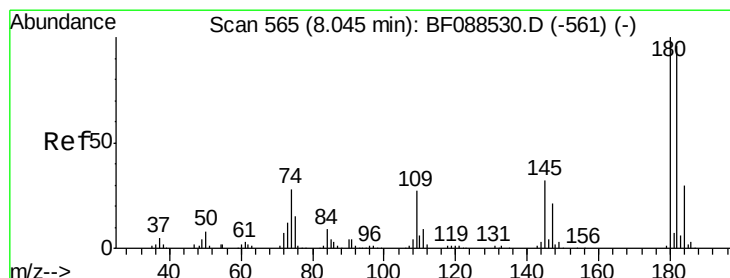
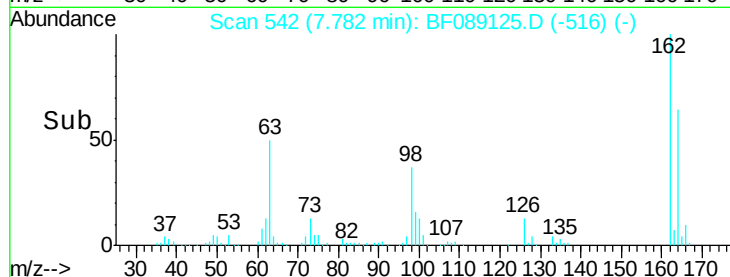
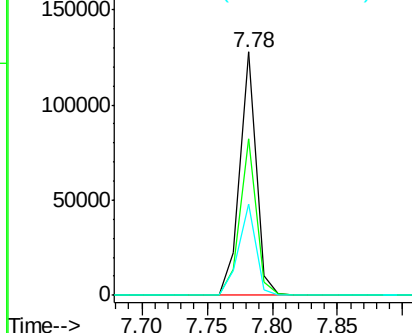
#29
 2,4-Dichlorophenol
 Concen: 38.32 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MSD

Tgt Ion:162 Resp: 111934
 Ion Ratio Lower Upper
 162 100
 164 64.2 43.8 83.8
 98 37.5 21.3 61.3

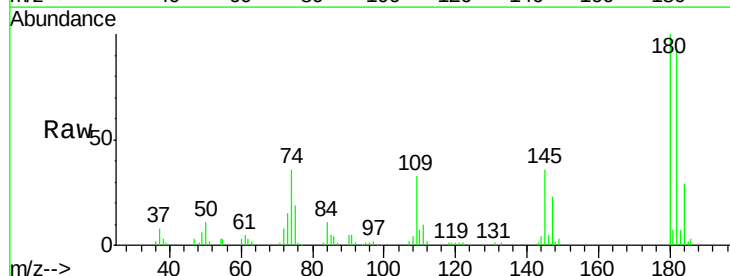


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

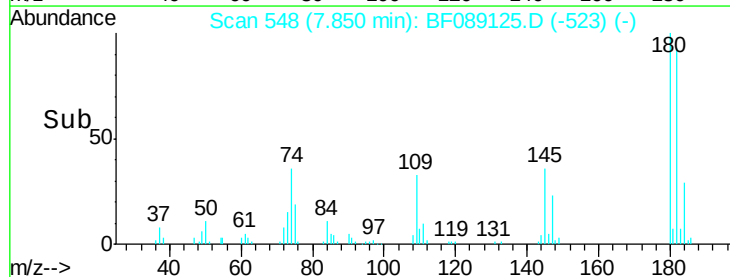
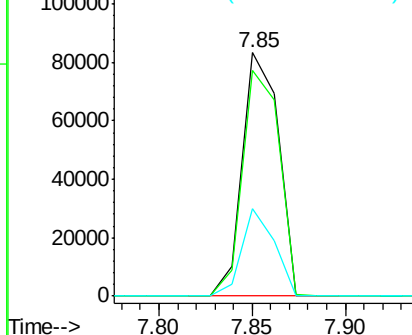


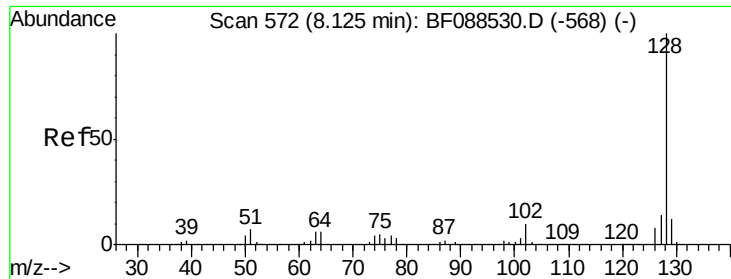
#30
 1,2,4-Trichlorobenzene
 Concen: 34.93 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

Tgt Ion:180 Resp: 111977
 Ion Ratio Lower Upper
 180 100
 182 92.9 76.0 114.0
 145 35.9 26.5 39.7



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

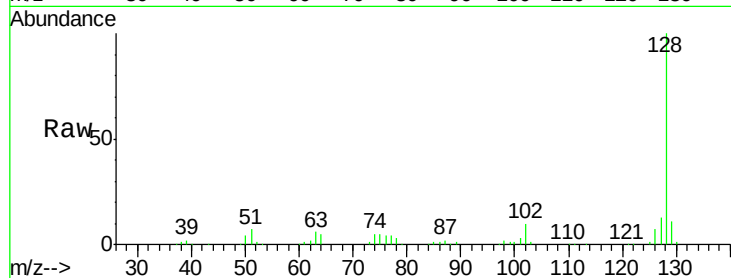




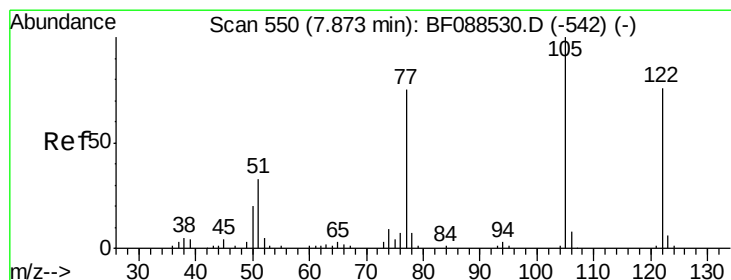
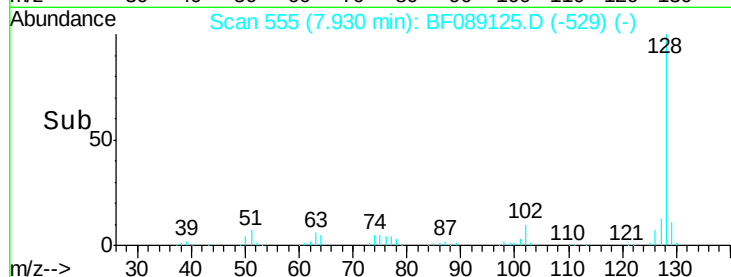
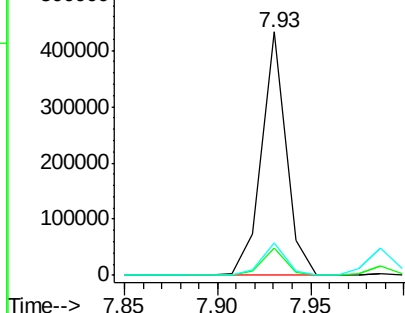
#31
Naphthalene
Concen: 36.25 ng
RT: 7.93 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF089125.D
Acq: 19 Jul 2016 18:40

Instrument :
BNA_F
ClientSampleId :
HSR-WC-60-071116MSD

Tgt Ion:128 Resp: 393115
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 13.4 10.9 16.3

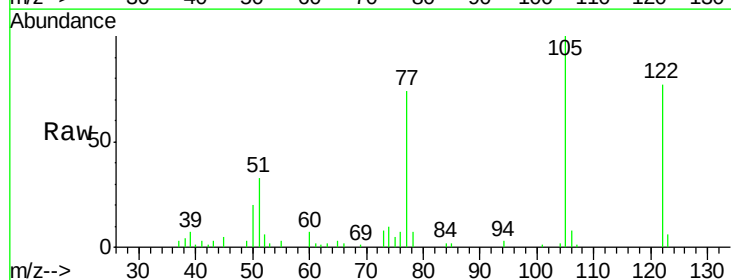


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

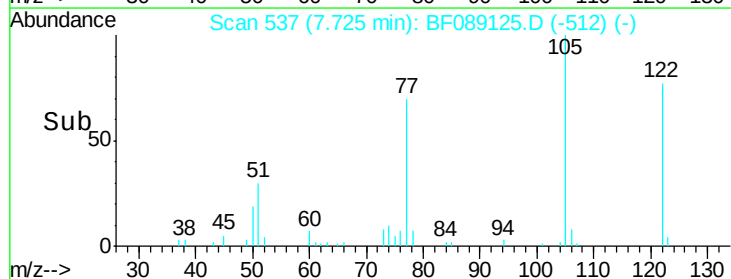
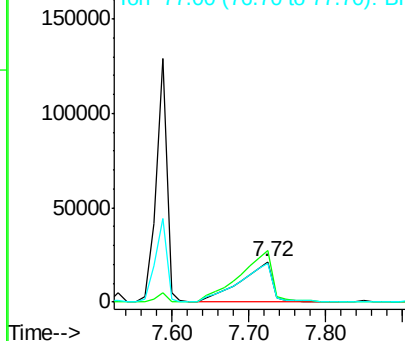


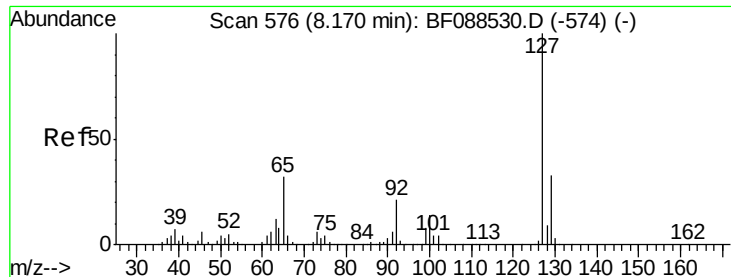
#32
Benzoic acid
Concen: 24.20 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF089125.D
Acq: 19 Jul 2016 18:40

Tgt Ion:122 Resp: 63515
Ion Ratio Lower Upper
122 100
105 130.1 101.6 141.6
77 96.5 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

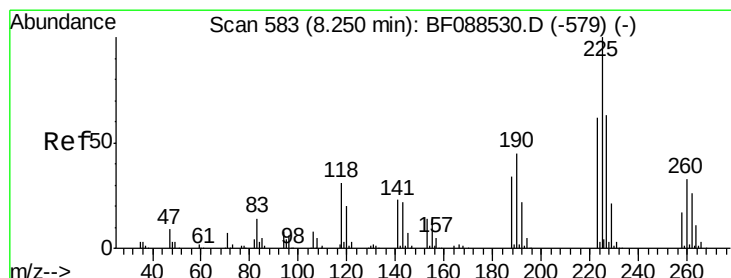
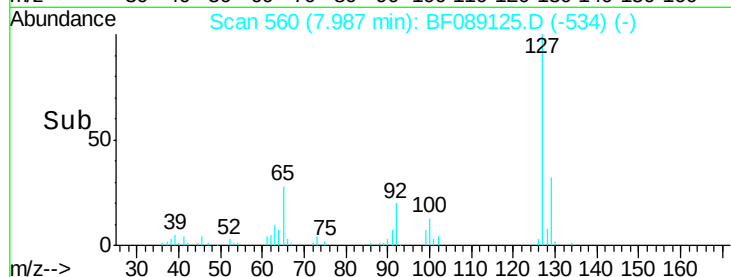
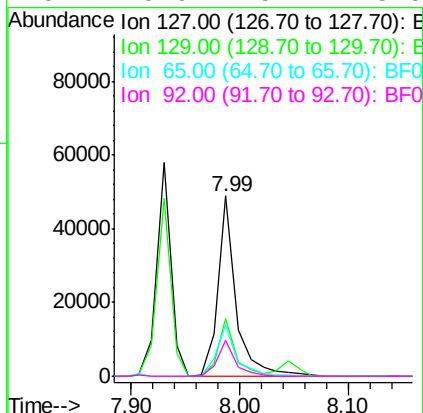
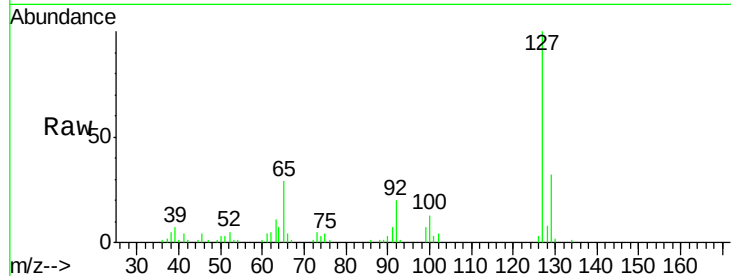




#33
 4-Chloroaniline
 Concen: 11.93 ng
 RT: 7.99 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

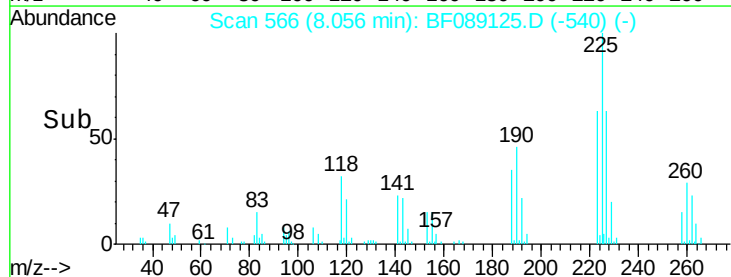
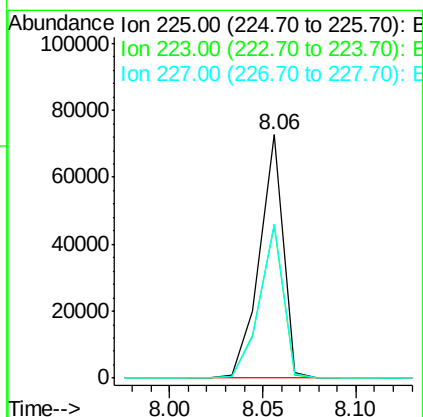
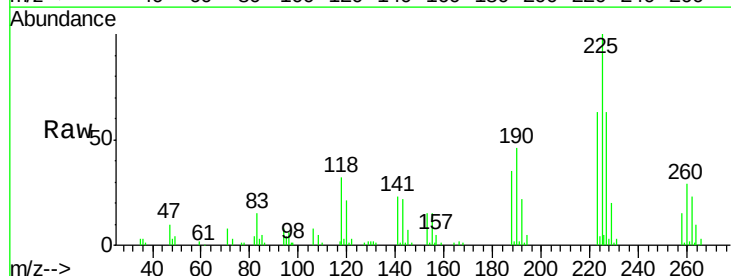
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MSD

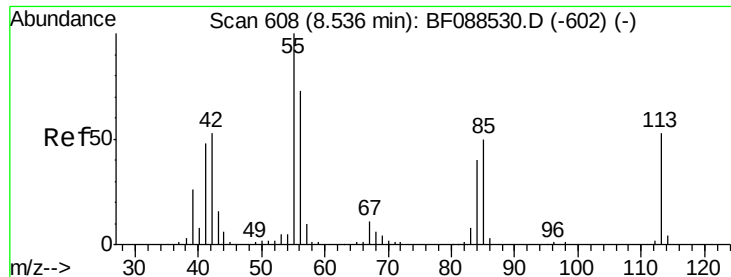
Tgt Ion:	127	Resp:	57542
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	28.6	24.7	37.1
92	19.9	15.4	23.0



#34
 Hexachlorobutadiene
 Concen: 38.11 ng
 RT: 8.06 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

Tgt Ion:	225	Resp:	65403
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.9	76.3
227	63.2	51.9	77.9





#35

Caprolactam

Concen: 27.27 ng

RT: 8.35 min Scan# 592

Delta R.T. -0.02 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MSD

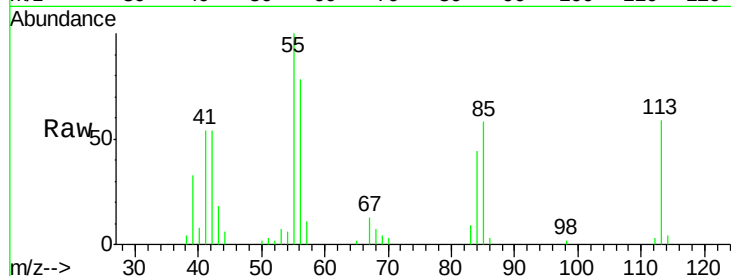
Tgt Ion:113 Resp: 27056

Ion Ratio Lower Upper

113 100

55 168.8 158.6 198.6

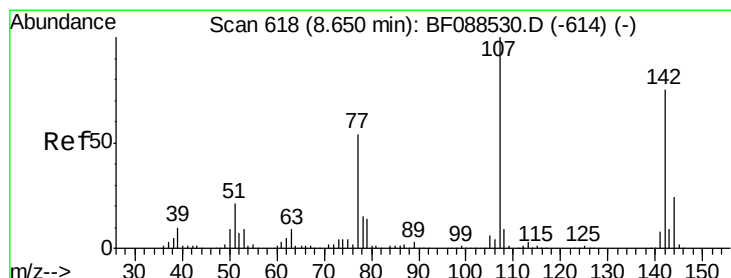
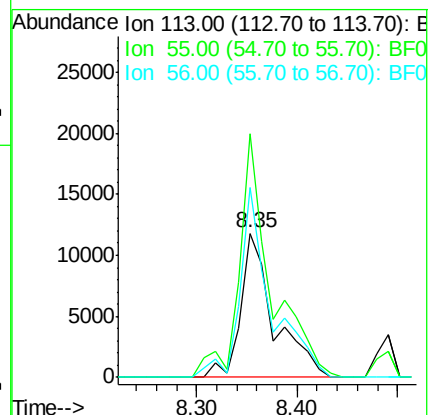
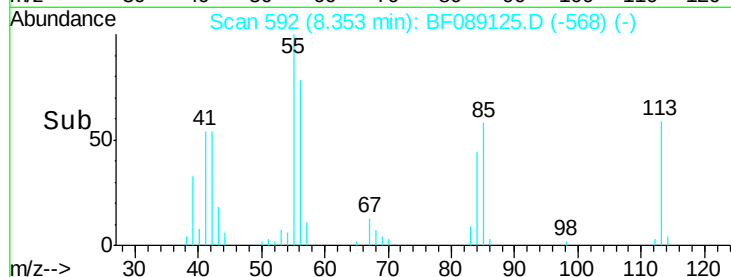
56 131.6 110.6 150.6



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: 36.17 ng

RT: 8.49 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

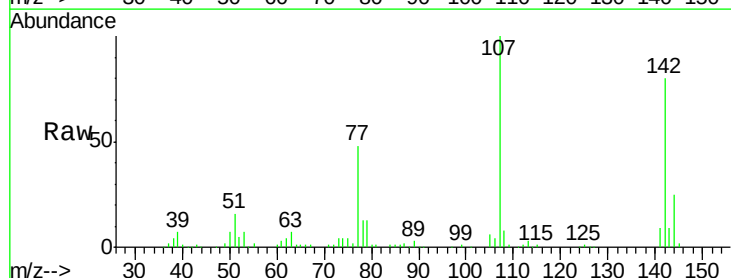
Tgt Ion:107 Resp: 124943

Ion Ratio Lower Upper

107 100

144 25.2 20.8 31.2

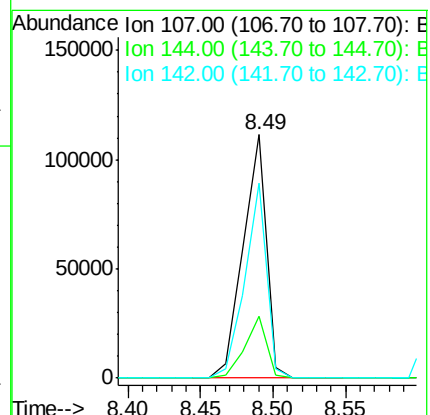
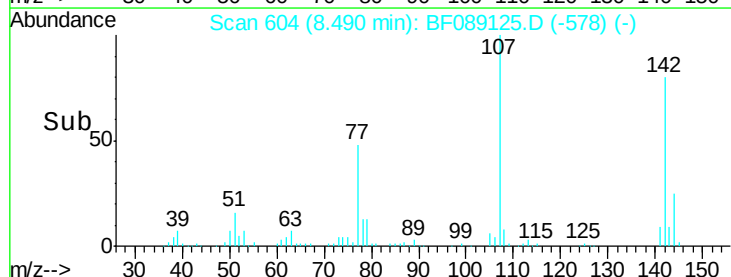
142 80.1 63.4 95.2

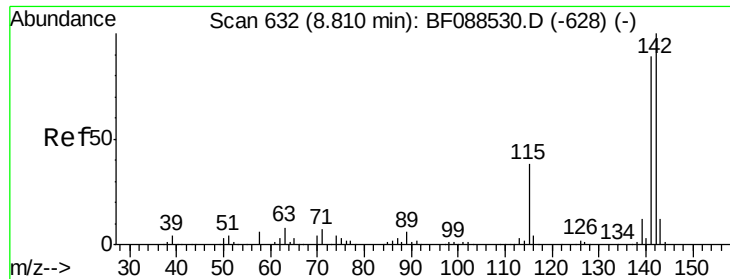


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

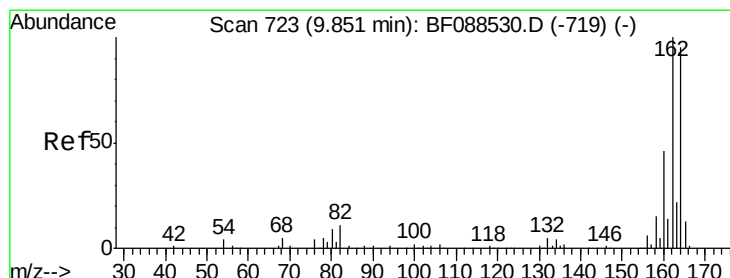
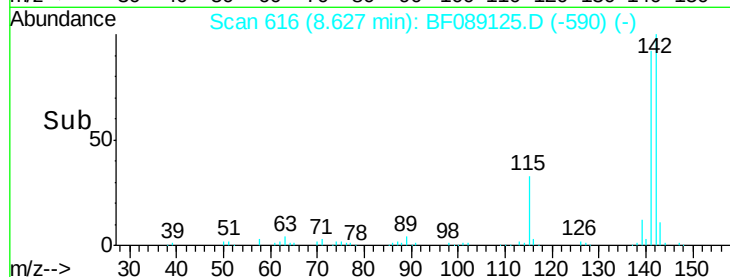
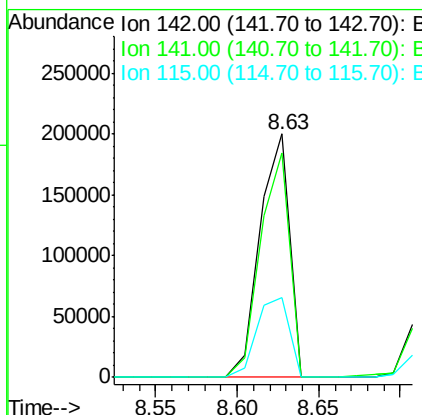
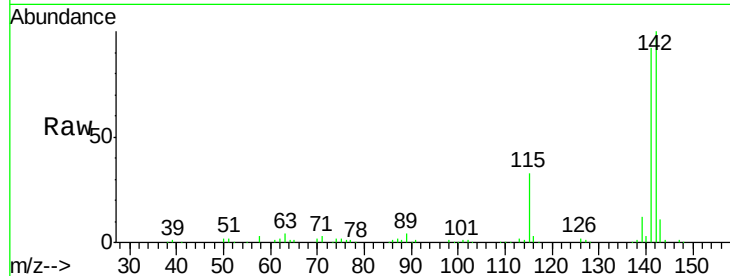




#37
 2-Methylnaphthalene
 Concen: 36.13 ng
 RT: 8.63 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

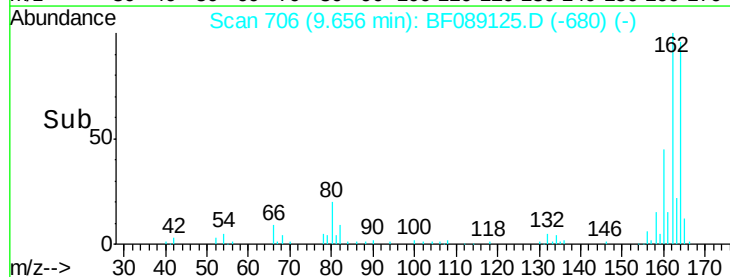
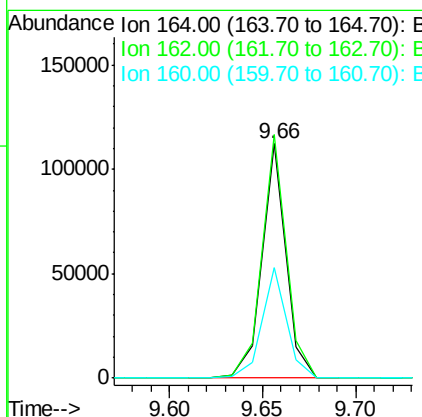
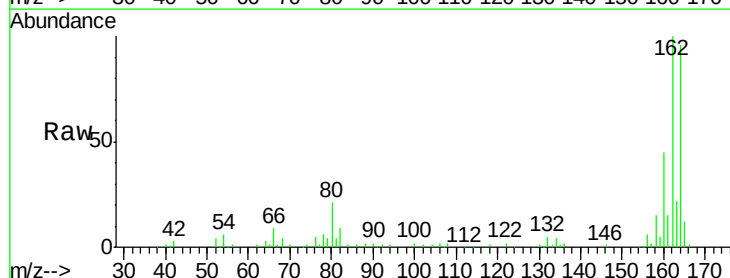
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MSD

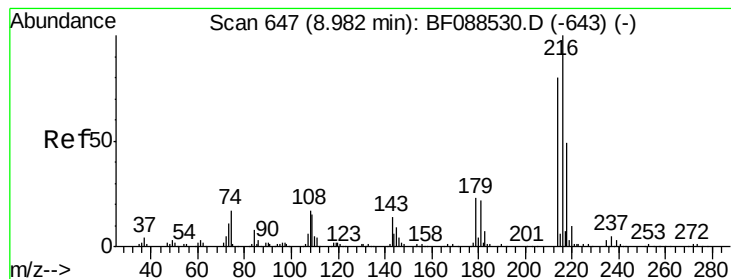
Tgt Ion:142 Resp: 252262
 Ion Ratio Lower Upper
 142 100
 141 92.1 71.0 106.6
 115 33.0 22.6 33.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

Tgt Ion:164 Resp: 98731
 Ion Ratio Lower Upper
 164 100
 162 103.9 85.4 128.2
 160 47.0 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.11 ng

RT: 8.79 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MSD

Tgt Ion:216 Resp: 98879

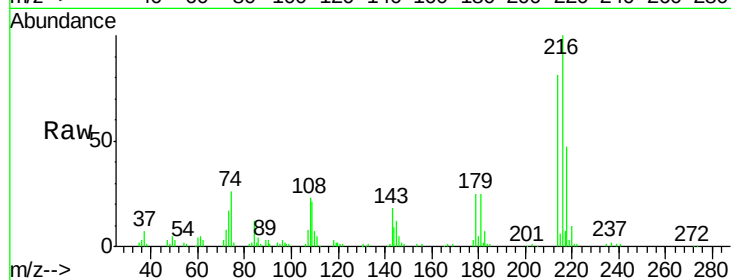
Ion Ratio Lower Upper

216 100

214 80.0 2.9 4.3#

179 23.8 0.0 0.0#

108 22.2 0.5 0.7#

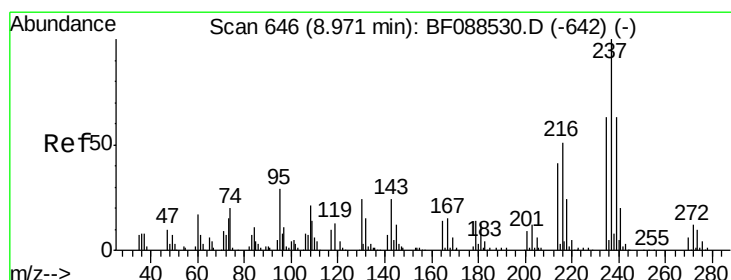
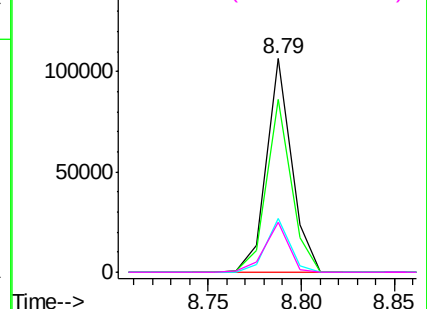
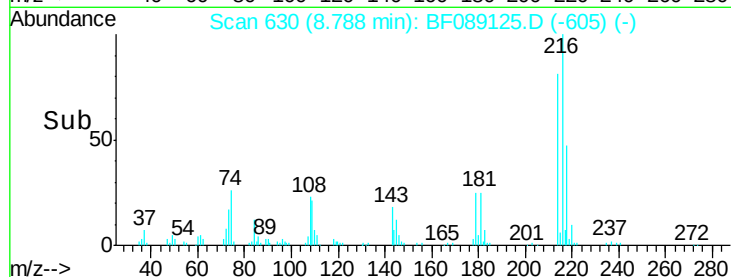


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 14.70 ng

RT: 8.78 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

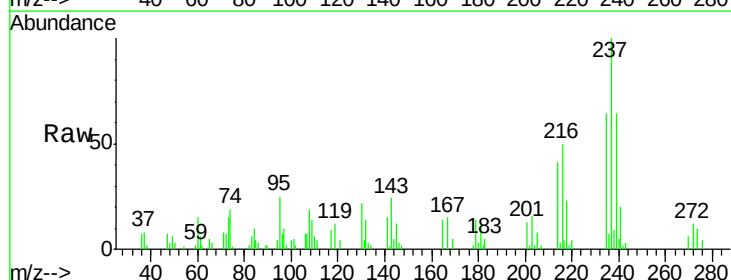
Tgt Ion:237 Resp: 23689

Ion Ratio Lower Upper

237 100

235 63.7 43.4 83.4

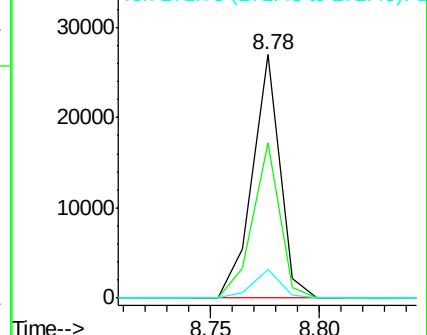
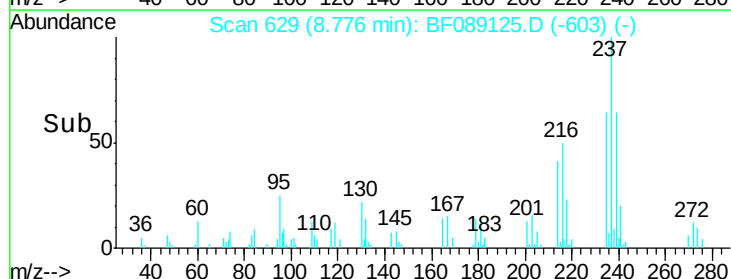
272 11.9 0.0 32.3

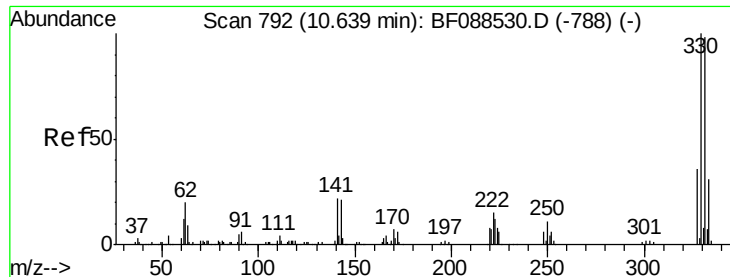


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

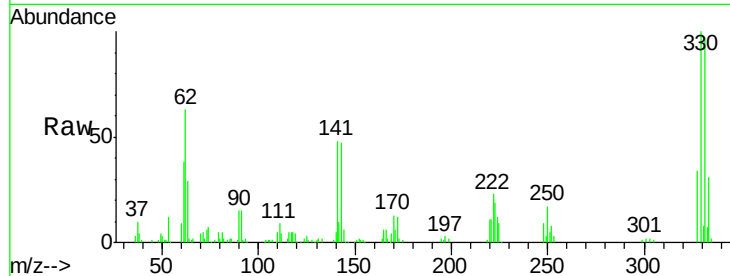




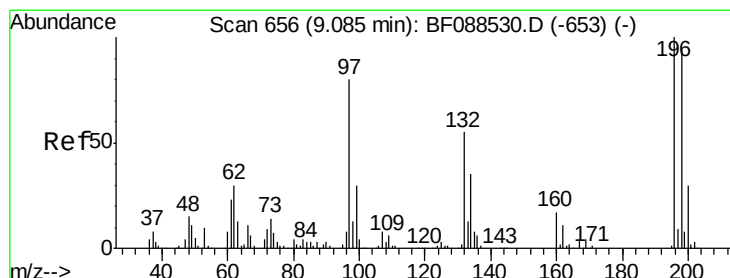
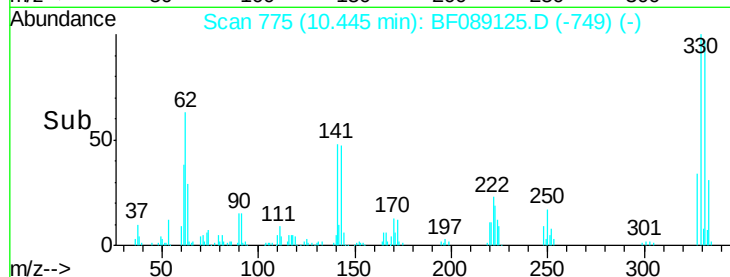
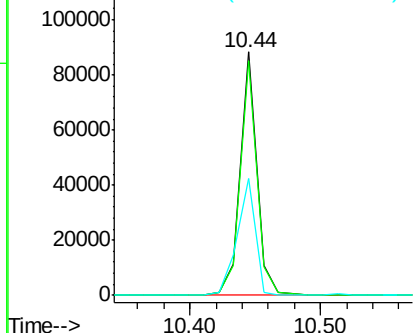
#41
 2,4,6-Tribromophenol
 Concen: 84.73 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MSD

Tgt Ion:330 Resp: 77683
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 52.4 0.0 0.0#

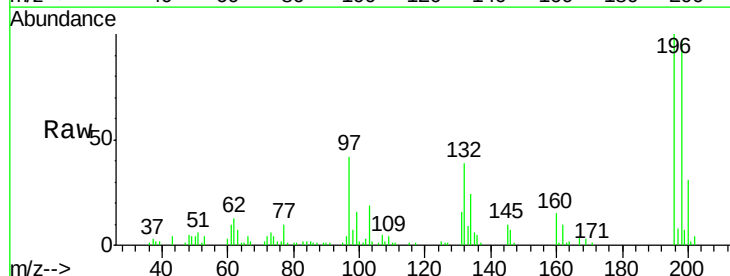


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

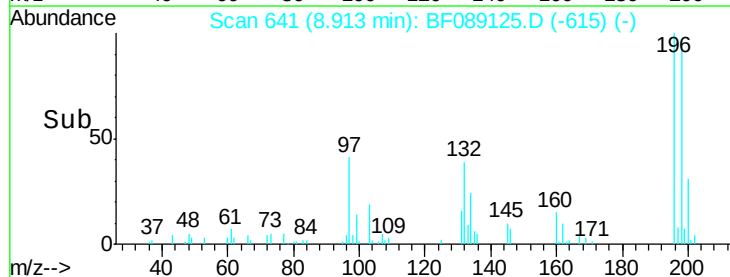
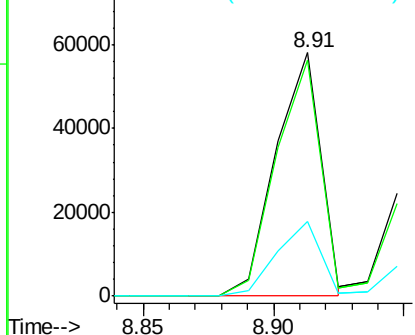


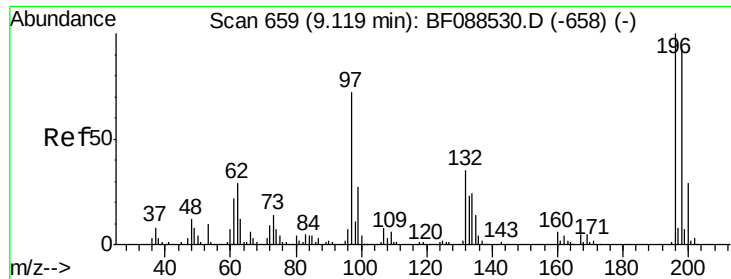
#42
 2,4,6-Trichlorophenol
 Concen: 32.12 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

Tgt Ion:196 Resp: 69547
 Ion Ratio Lower Upper
 196 100
 198 96.8 78.0 117.0
 200 30.8 25.4 38.2



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

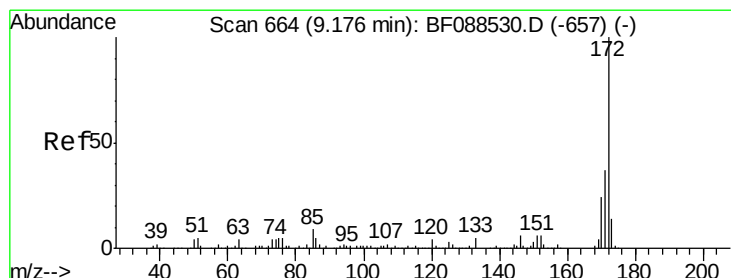
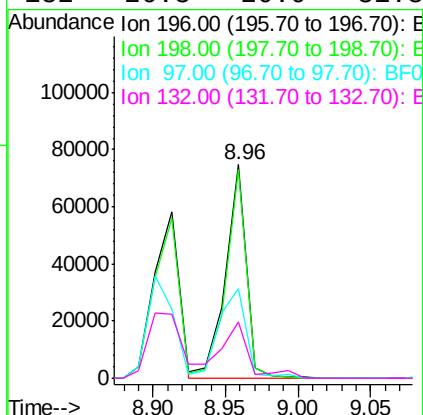
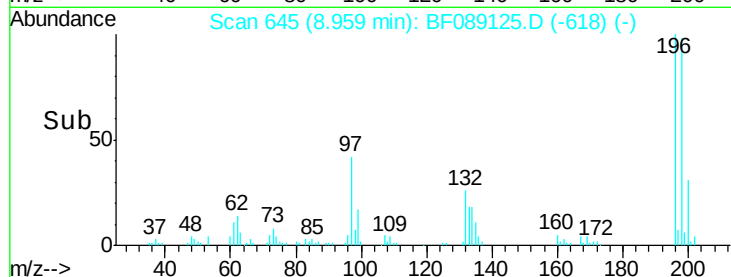
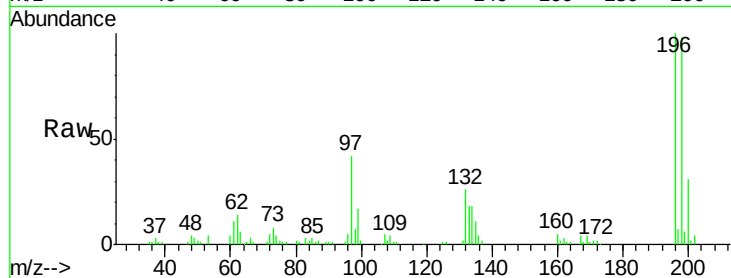




#43
 2,4,5-Trichlorophenol
 Concen: 39.77 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

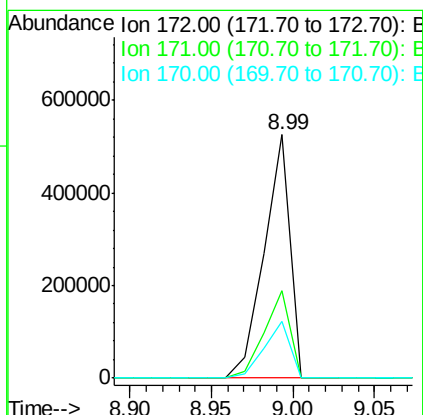
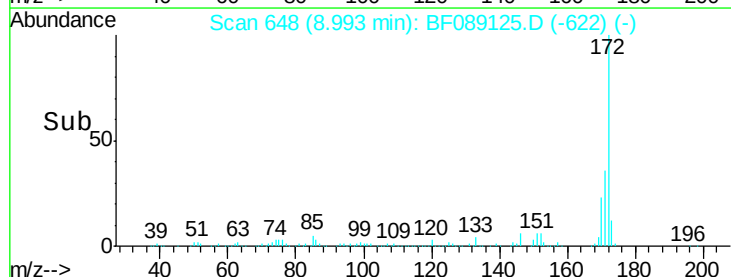
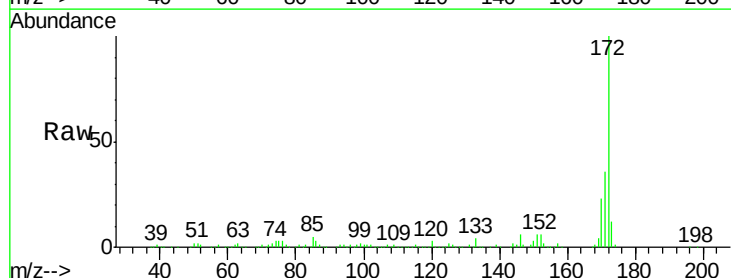
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MSD

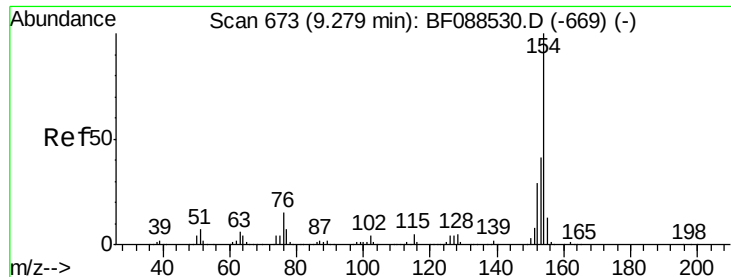
Tgt Ion:196 Resp: 74083
 Ion Ratio Lower Upper
 196 100
 198 98.0 77.5 116.3
 97 42.1 32.0 48.0
 132 26.3 20.9 31.3



#44
 2-Fluorobiphenyl
 Concen: 92.56 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

Tgt Ion:172 Resp: 578560
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 23.4 19.2 28.8

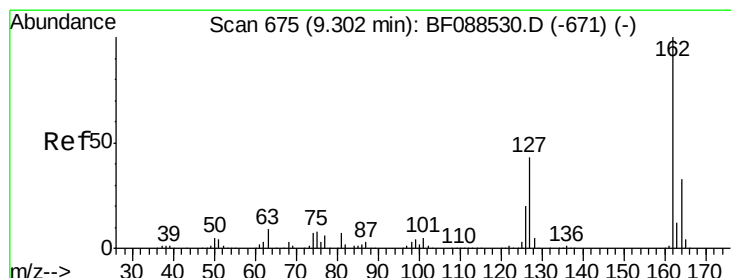
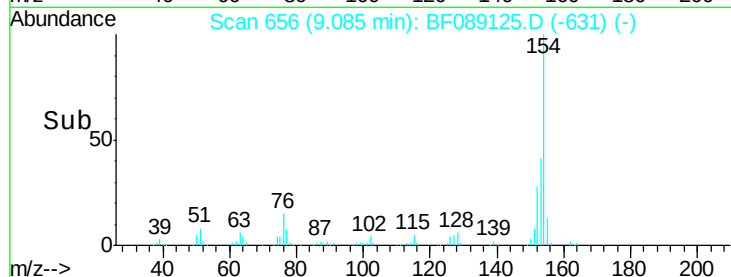
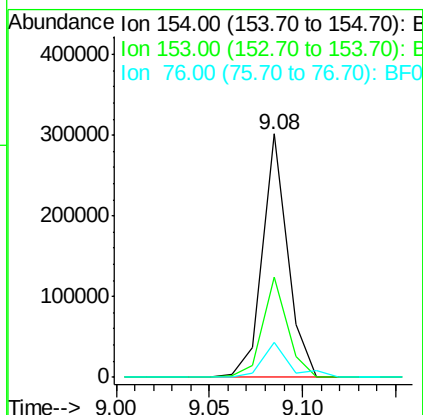
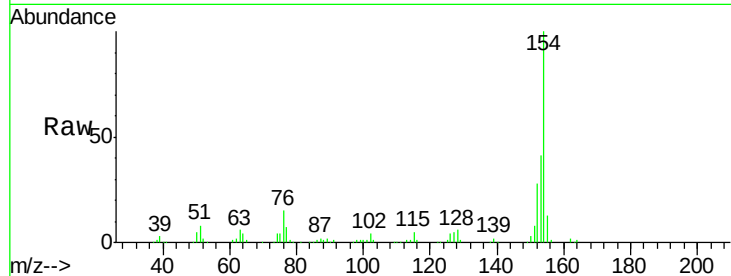




#45
 1,1'-Biphenyl
 Concen: 34.23 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

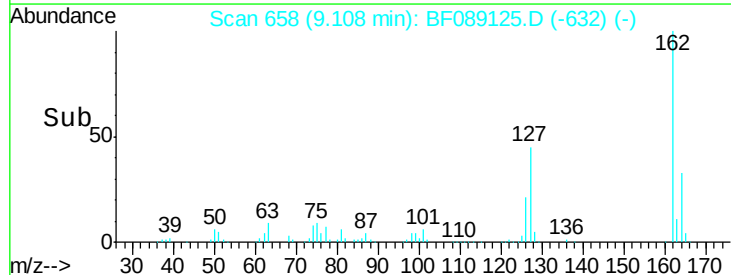
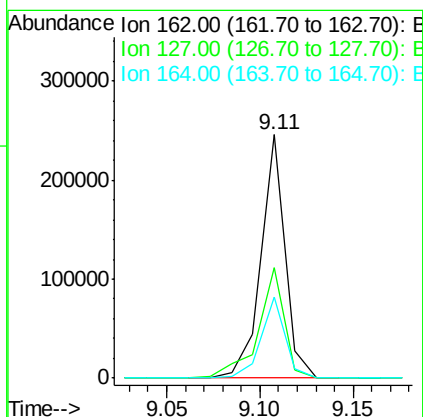
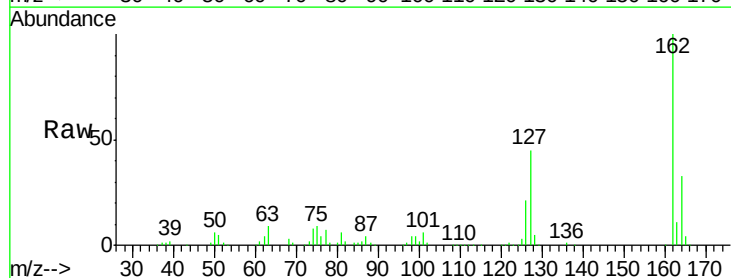
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MSD

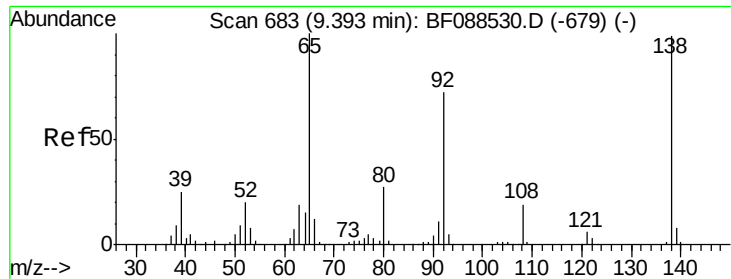
Tgt Ion:	154	Resp:	279854
Ion Ratio	Lower	Upper	
154	100		
153	41.2	20.6	60.6
76	14.6	0.0	35.1



#46
 2-Chloronaphthalene
 Concen: 34.57 ng
 RT: 9.11 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

Tgt Ion:	162	Resp:	221903
Ion Ratio	Lower	Upper	
162	100		
127	45.2	35.2	52.8
164	33.3	26.6	39.8

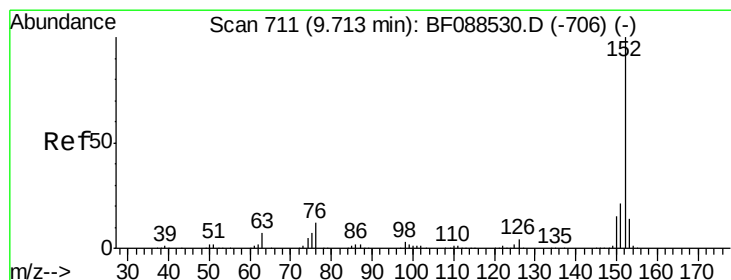
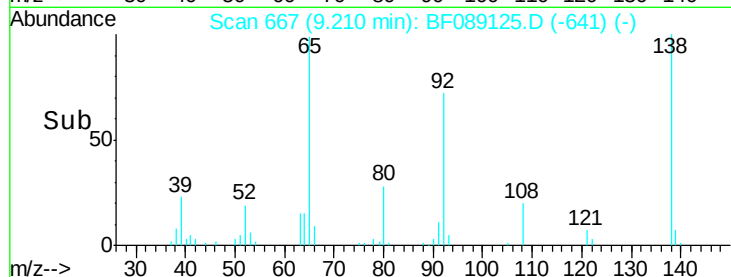
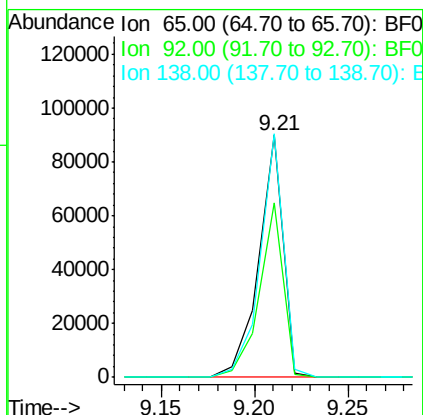
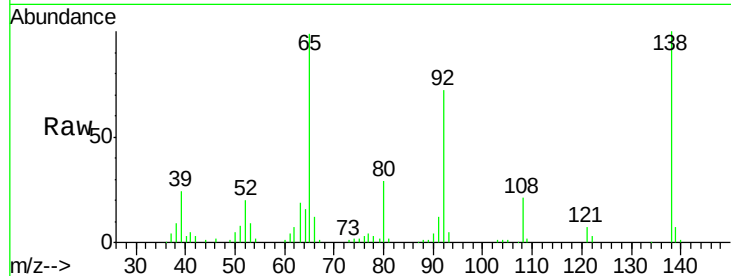




#47
2-Nitroaniline
Concen: 36.04 ng
RT: 9.21 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF089125.D
Acq: 19 Jul 2016 18:40

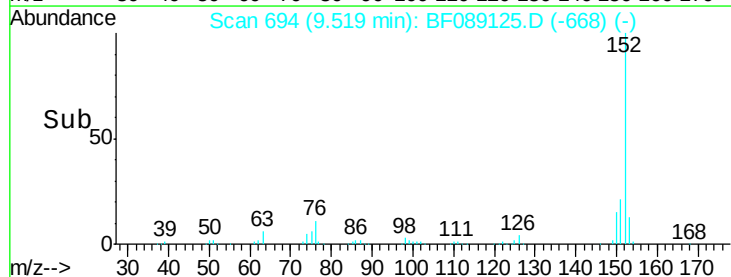
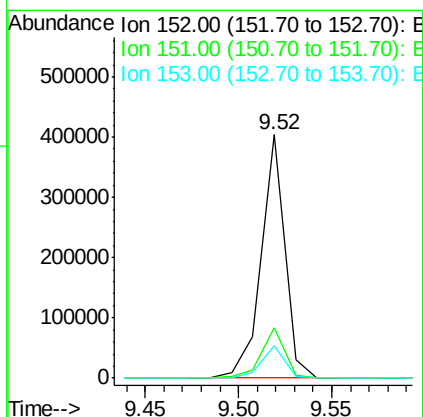
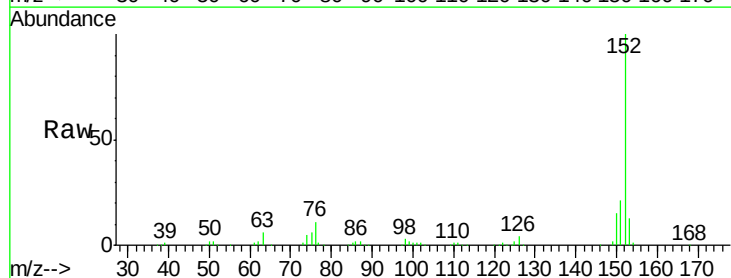
Instrument :
BNA_F
ClientSampleId :
HSR-WC-60-071116MSD

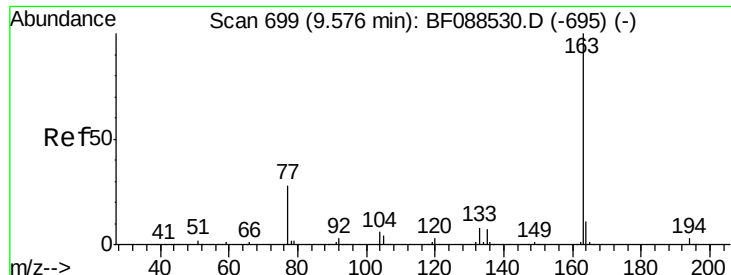
Tgt Ion: 65 Resp: 82089
Ion Ratio Lower Upper
65 100
92 71.9 54.6 82.0
138 100.6 77.0 115.4



#48
Acenaphthylene
Concen: 34.45 ng
RT: 9.52 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF089125.D
Acq: 19 Jul 2016 18:40

Tgt Ion: 152 Resp: 351780
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.3 11.0 16.6





#49

Dimethylphthalate

Concen: 36.60 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MSD

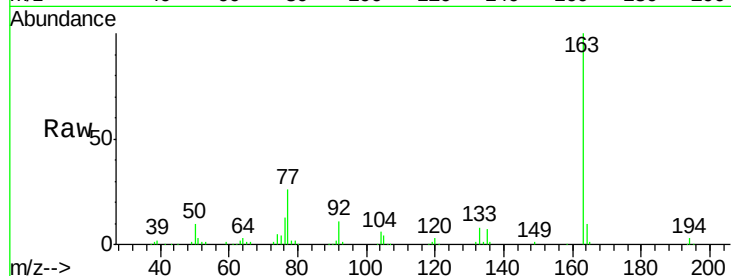
Tgt Ion:163 Resp: 257446

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

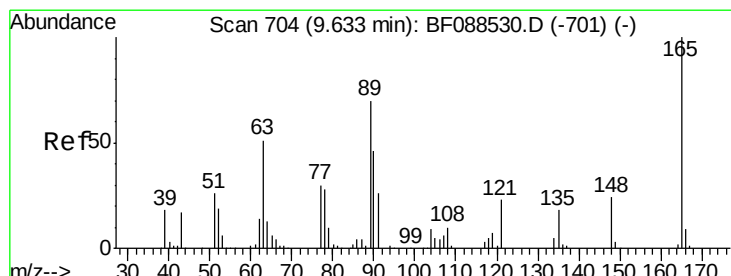
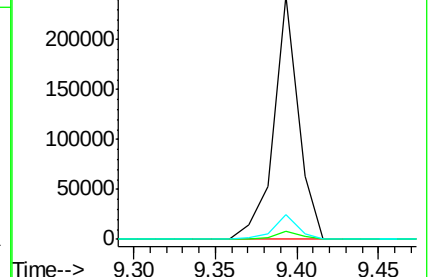
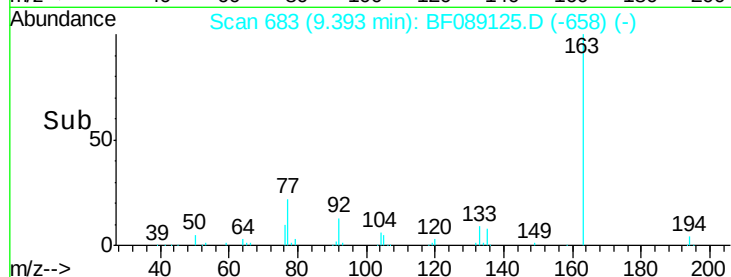
164 10.3 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 34.09 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

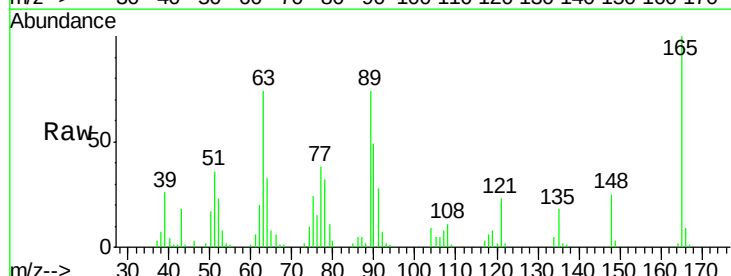
Tgt Ion:165 Resp: 53140

Ion Ratio Lower Upper

165 100

63 74.1 28.1 42.1#

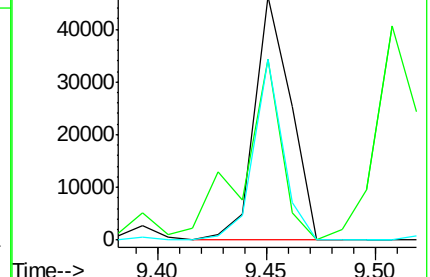
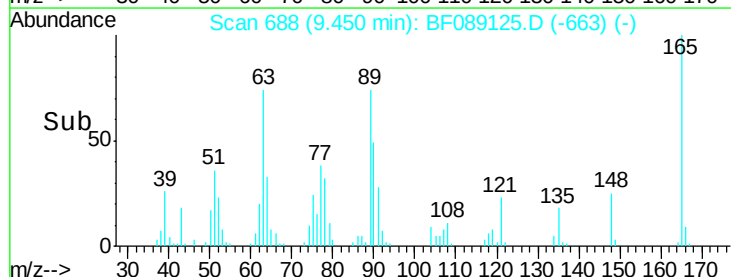
89 74.1 32.2 48.2#

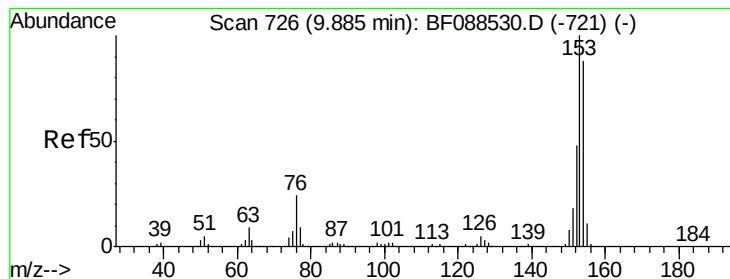


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.73 ng

RT: 9.69 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MSD

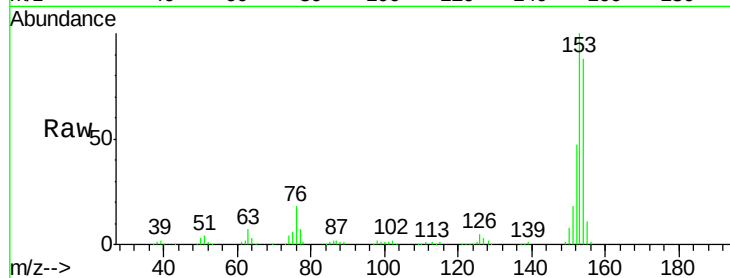
Tgt Ion:154 Resp: 223685

Ion Ratio Lower Upper

154 100

153 113.6 89.5 134.3

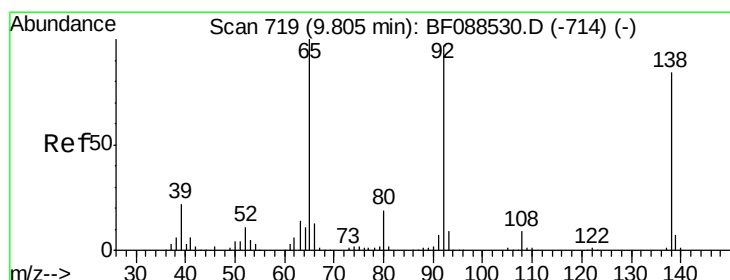
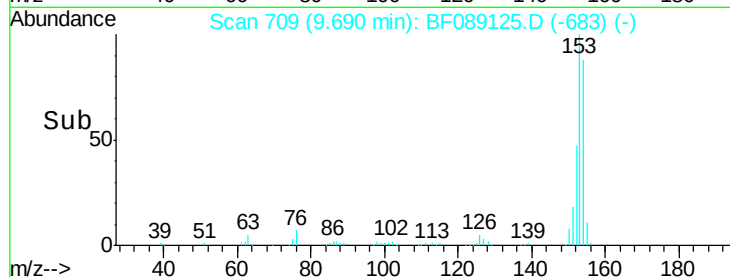
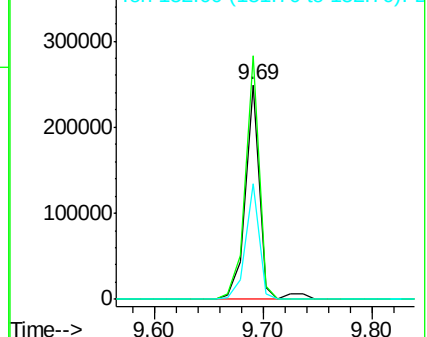
152 54.0 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.55 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

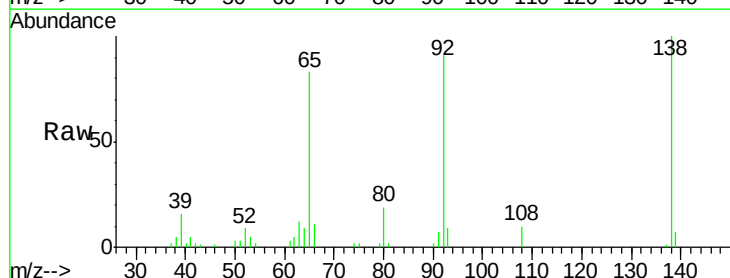
Tgt Ion:138 Resp: 32789

Ion Ratio Lower Upper

138 100

108 9.6 8.5 12.7

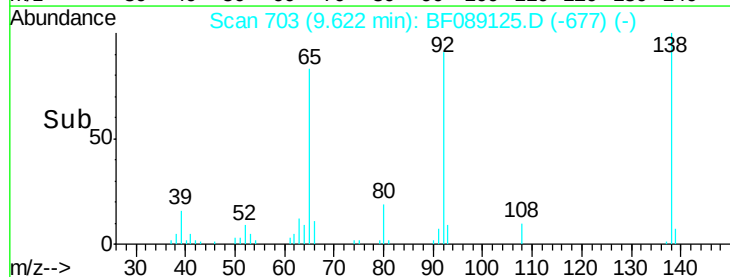
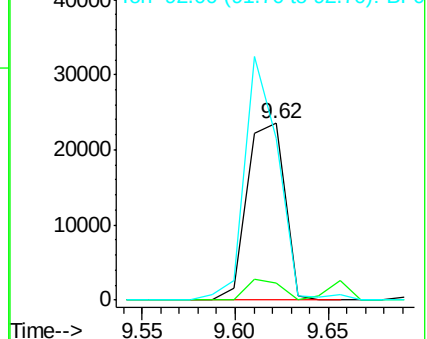
92 91.4 95.7 143.5#

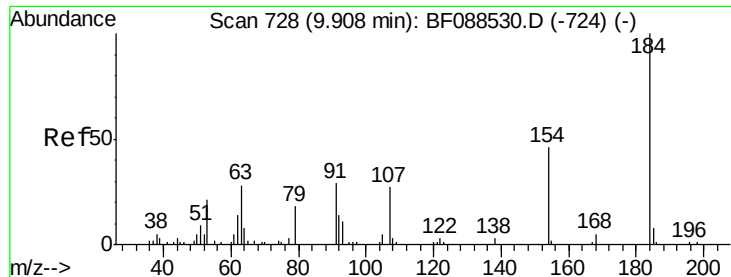


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

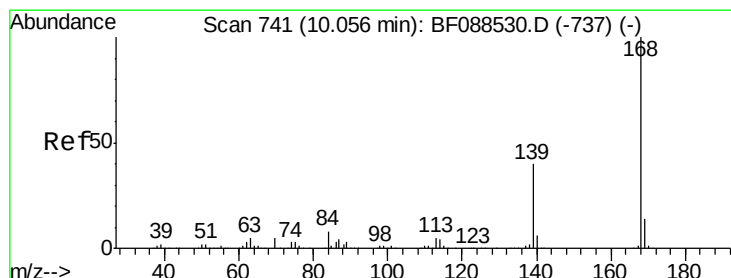
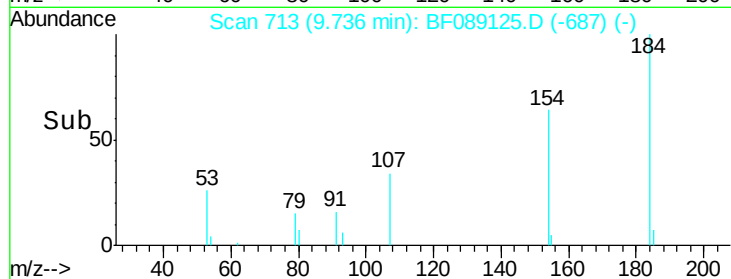
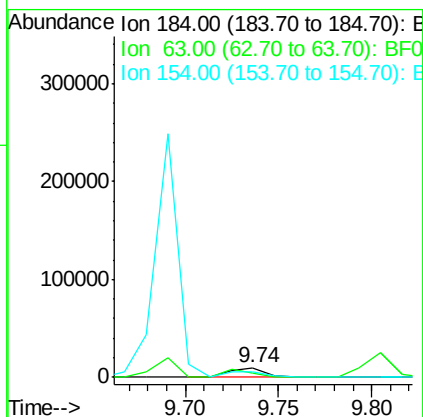
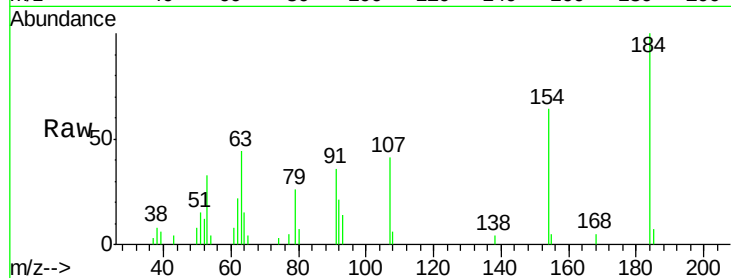




#53
2,4-Dinitrophenol
Concen: 20.05 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089125.D
Acq: 19 Jul 2016 18:40

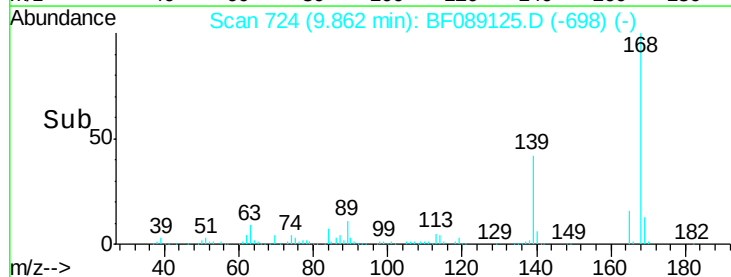
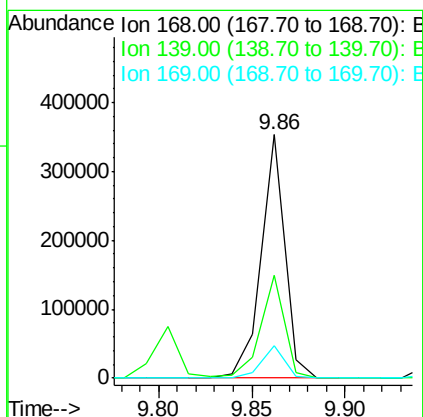
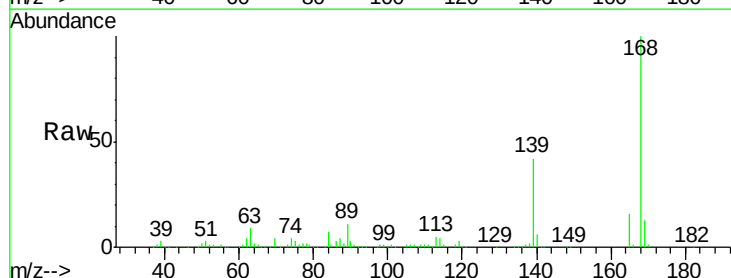
Instrument :
BNA_F
ClientSampleId :
HSR-WC-60-071116MSD

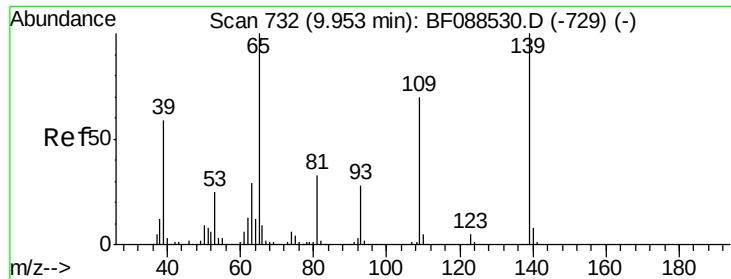
Tgt Ion:184 Resp: 13799
Ion Ratio Lower Upper
184 100
63 44.4 57.6 86.4#
154 64.1 53.5 80.3



#54
Dibenzofuran
Concen: 37.83 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF089125.D
Acq: 19 Jul 2016 18:40

Tgt Ion:168 Resp: 309933
Ion Ratio Lower Upper
168 100
139 42.1 26.4 39.6#
169 13.4 10.4 15.6

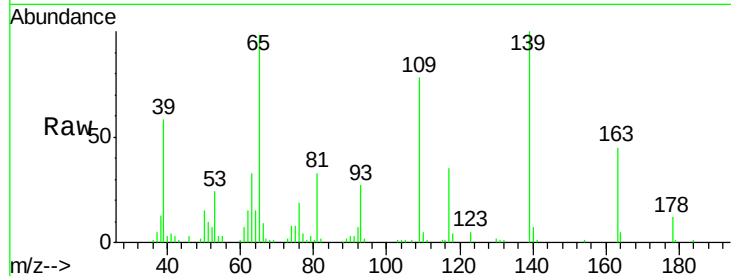




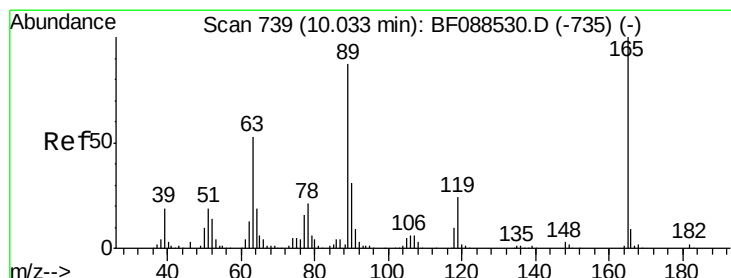
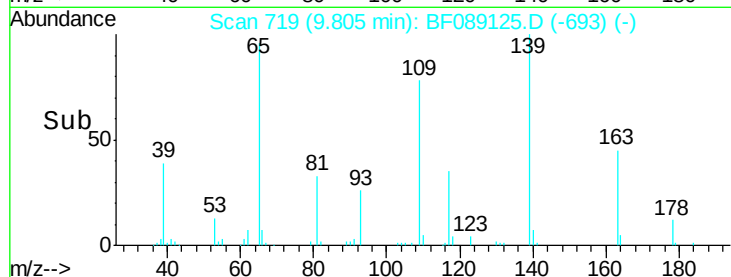
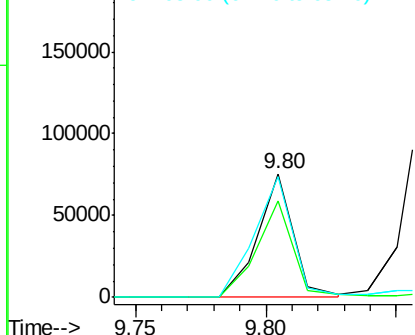
#55
4-Nitrophenol
Concen: 47.70 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF089125.D
Acq: 19 Jul 2016 18:40

Instrument :
BNA_F
ClientSampleId :
HSR-WC-60-071116MSD

Tgt Ion:139 Resp: 71832
Ion Ratio Lower Upper
139 100
109 78.1 48.9 88.9
65 98.0 84.9 124.9

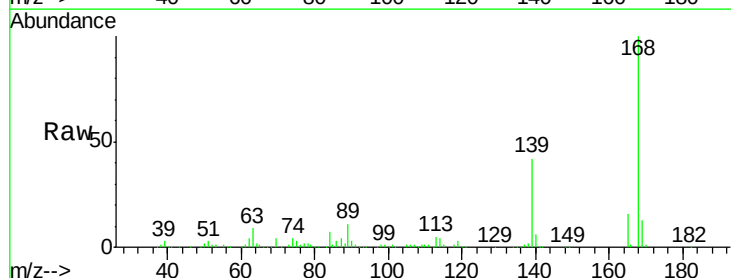


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BFO

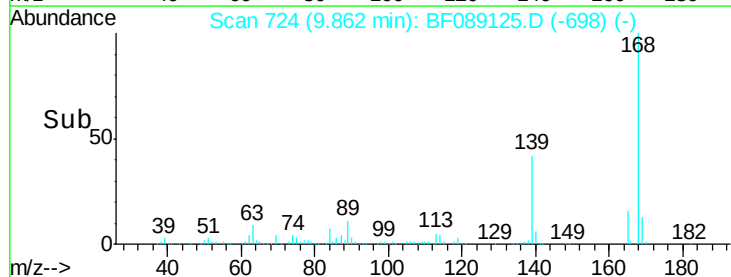
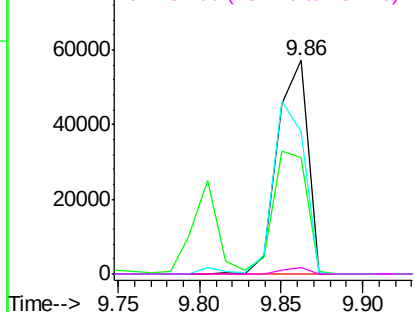


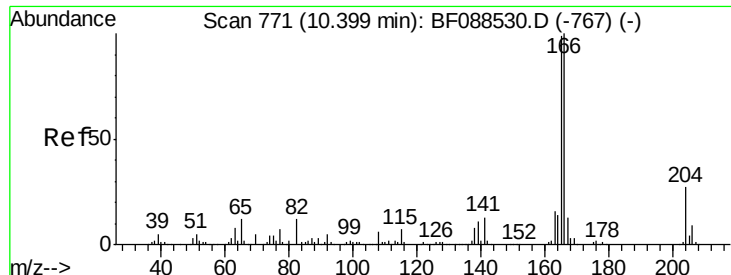
#56
2,4-Dinitrotoluene
Concen: 36.33 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF089125.D
Acq: 19 Jul 2016 18:40

Tgt Ion:165 Resp: 74058
Ion Ratio Lower Upper
165 100
63 54.6 22.0 33.0#
89 66.3 41.1 61.7#
182 2.8 2.0 3.0



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

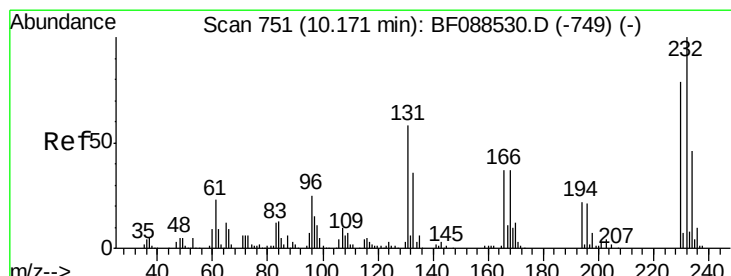
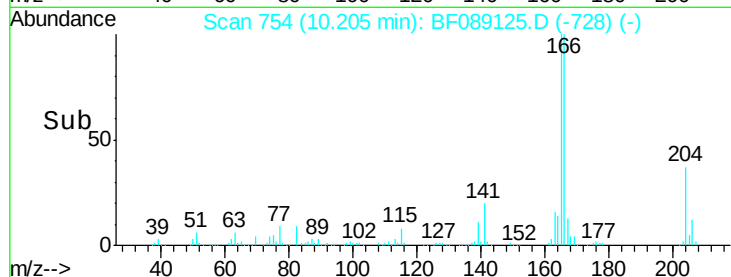
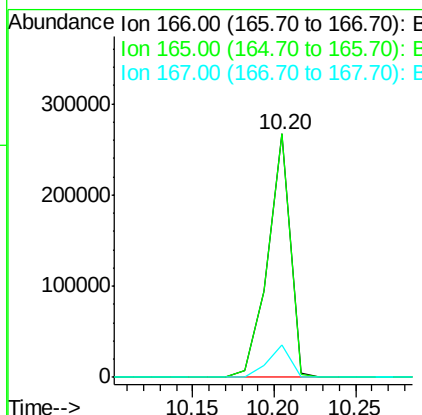
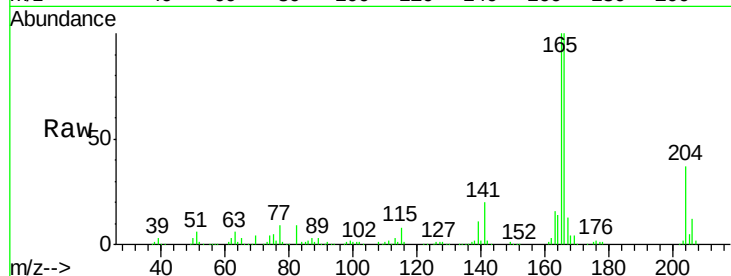




#57
 Fluorene
 Concen: 40.54 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

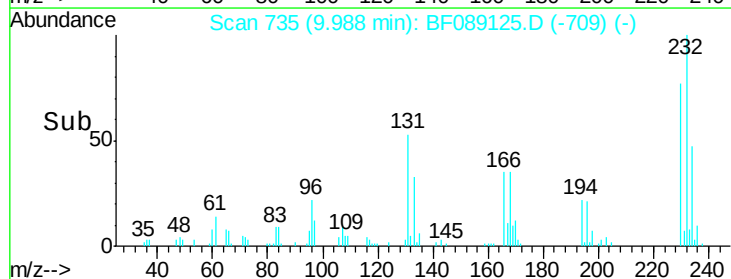
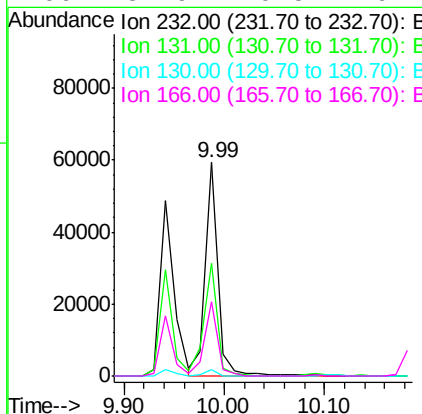
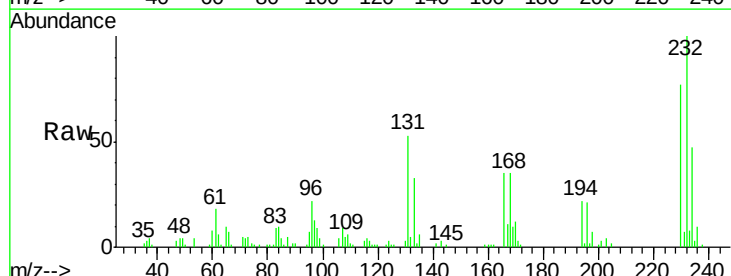
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MSD

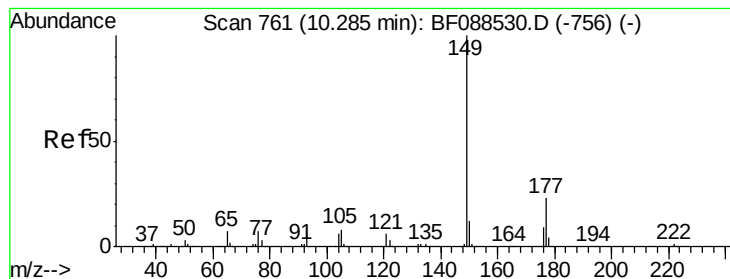
Tgt Ion:166 Resp: 255979
 Ion Ratio Lower Upper
 166 100
 165 99.9 77.8 116.8
 167 13.1 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.66 ng
 RT: 9.99 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

Tgt Ion:232 Resp: 52834
 Ion Ratio Lower Upper
 232 100
 131 55.4 0.9 1.3#
 130 2.9 1.5 2.3#
 166 34.9 0.5 0.7#





#59

Diethylphthalate

Concen: 38.38 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MSD

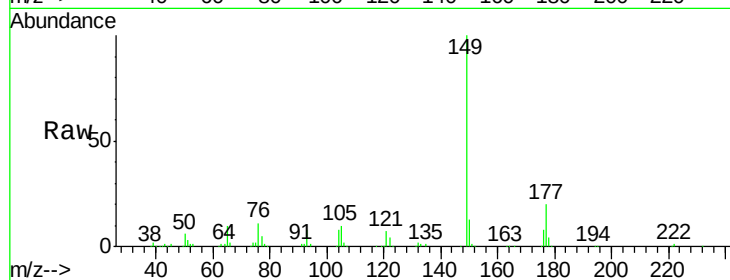
Tgt Ion:149 Resp: 270909

Ion Ratio Lower Upper

149 100

177 19.8 16.9 25.3

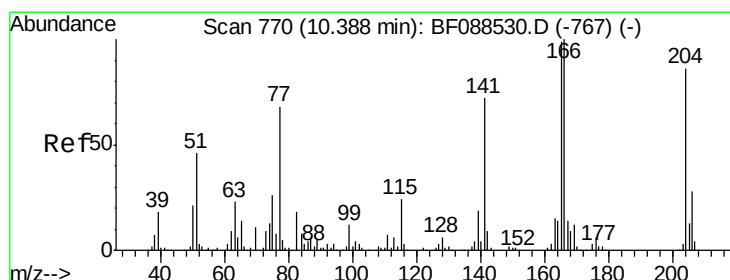
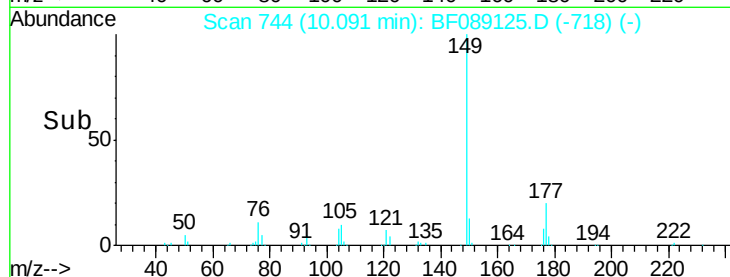
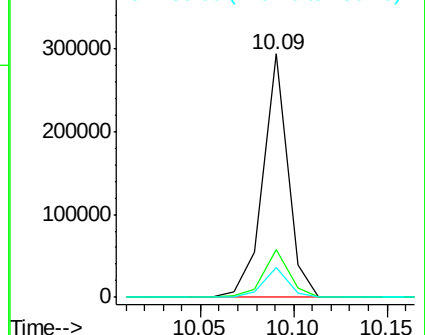
150 12.5 10.1 15.1



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: 37.98 ng

RT: 10.20 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

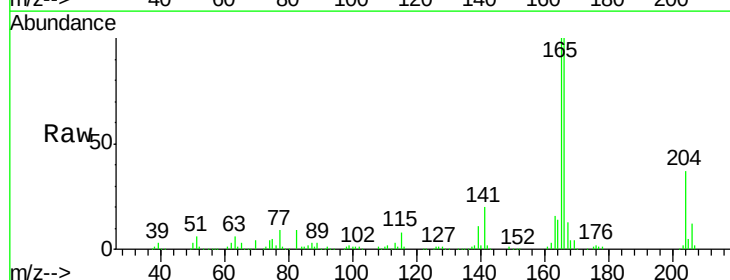
Tgt Ion:204 Resp: 111429

Ion Ratio Lower Upper

204 100

206 32.3 26.3 39.5

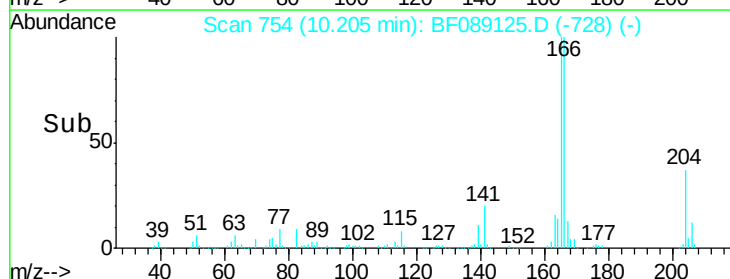
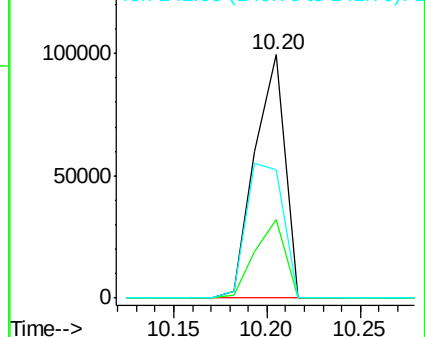
141 52.7 55.0 82.6#

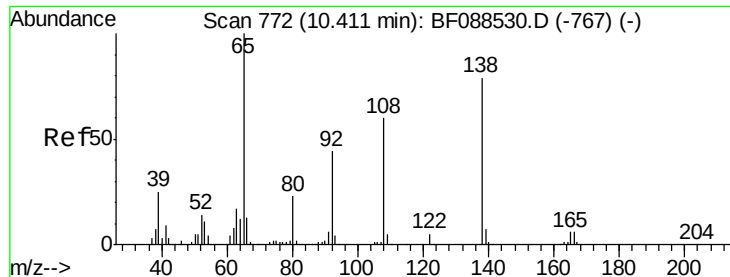


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

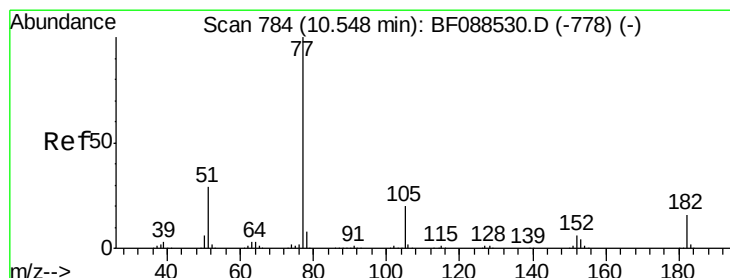
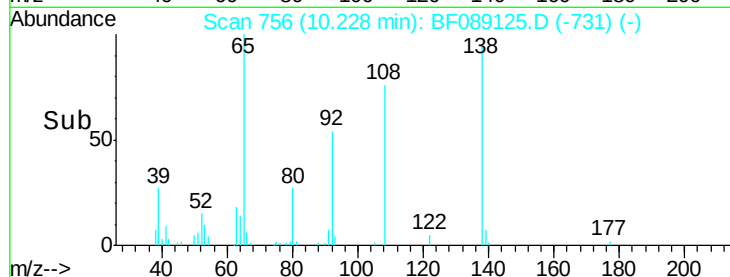
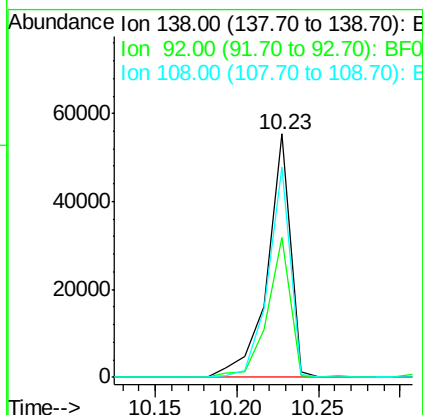
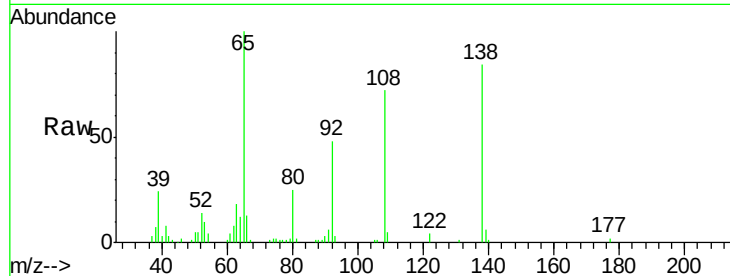




#61
4-Nitroaniline
Concen: 28.63 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF089125.D
Acq: 19 Jul 2016 18:40

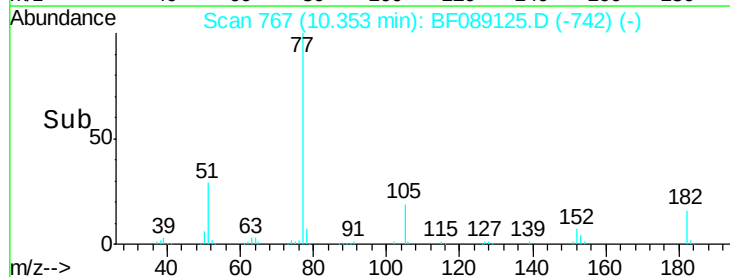
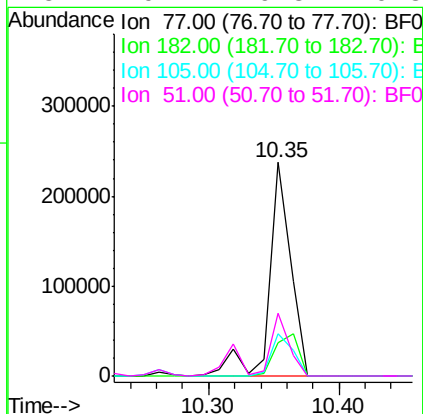
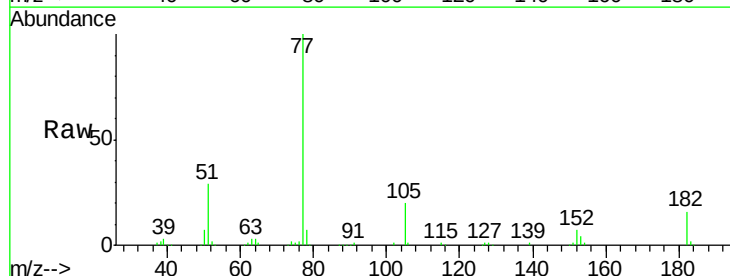
Instrument :
BNA_F
ClientSampleId :
HSR-WC-60-071116MSD

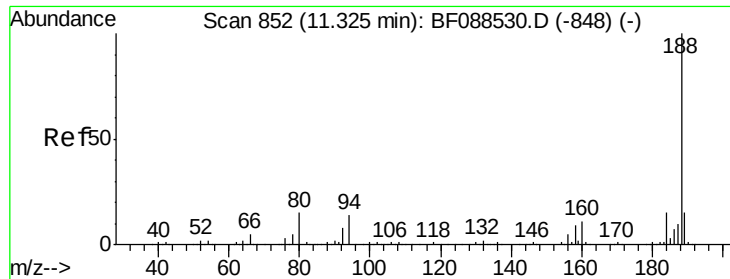
Tgt Ion: 138 Resp: 54596
Ion Ratio Lower Upper
138 100
92 57.3 27.3 67.3
108 86.4 46.7 86.7



#62
Azobenzene
Concen: 34.25 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF089125.D
Acq: 19 Jul 2016 18:40

Tgt Ion: 77 Resp: 275802
Ion Ratio Lower Upper
77 100
182 15.7 4.4 44.4
105 19.8 3.8 43.8
51 29.4 9.3 49.3

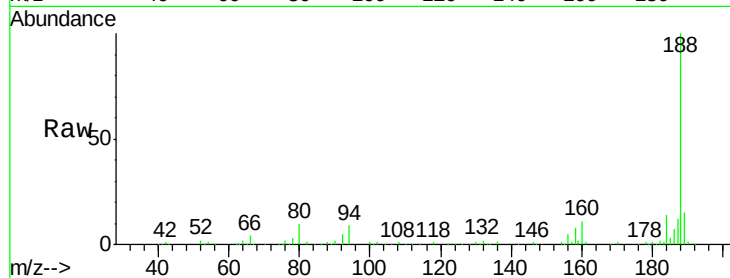




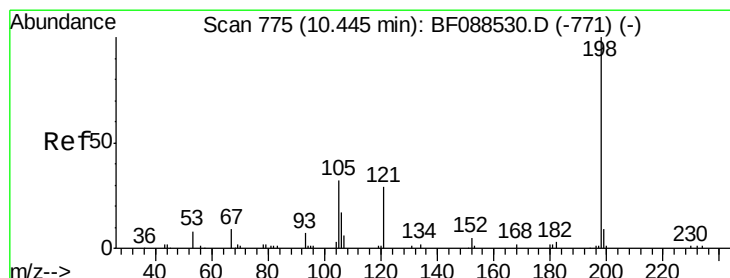
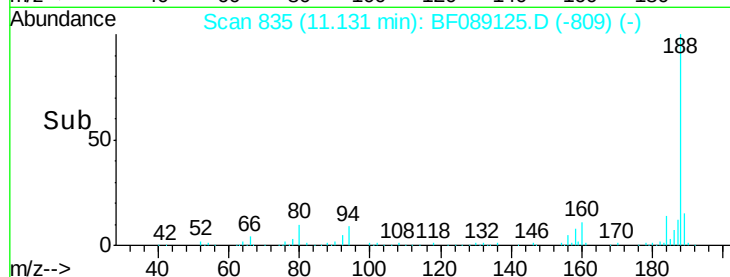
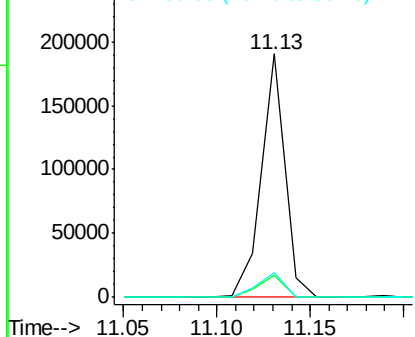
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF089125.D
Acq: 19 Jul 2016 18:40

Instrument :
BNA_F
ClientSampleId :
HSR-WC-60-071116MSD

Tgt Ion:188 Resp: 165438
Ion Ratio Lower Upper
188 100
94 9.1 9.0 13.6
80 10.4 10.0 15.0

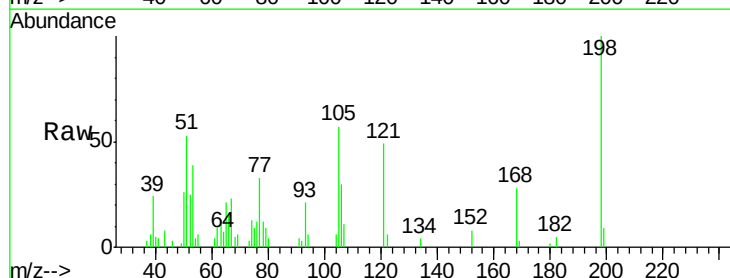


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

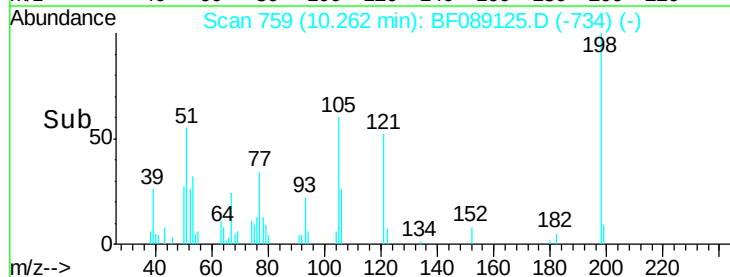
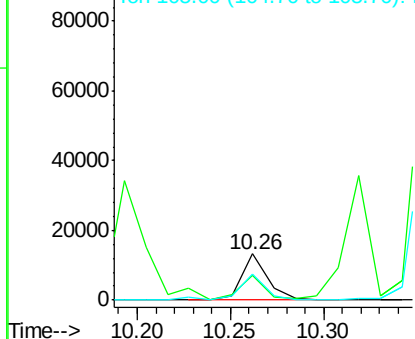


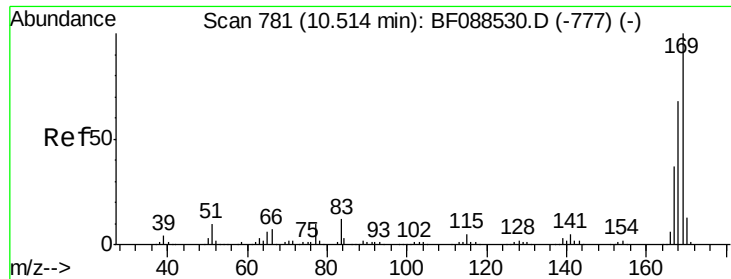
#64
4,6-Dinitro-2-methylphenol
Concen: 14.16 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF089125.D
Acq: 19 Jul 2016 18:40

Tgt Ion:198 Resp: 12528
Ion Ratio Lower Upper
198 100
51 52.6 39.6 79.6
105 56.8 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

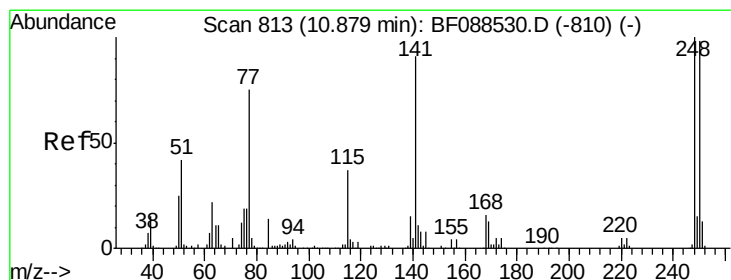
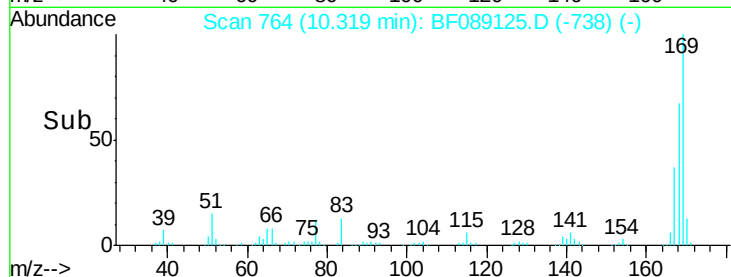
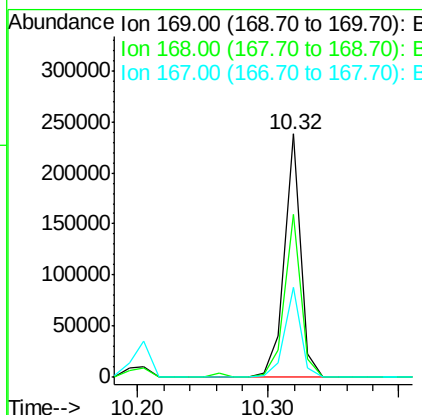
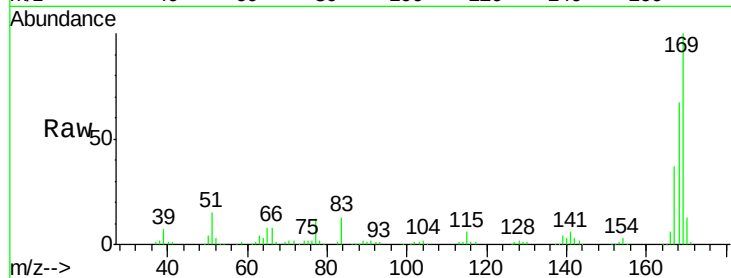




#65
 n-Nitrosodiphenylamine
 Concen: 37.37 ng
 RT: 10.32 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

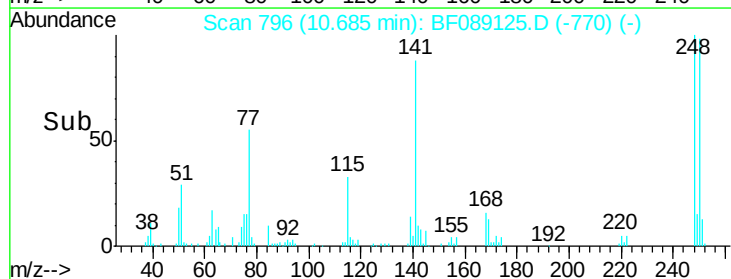
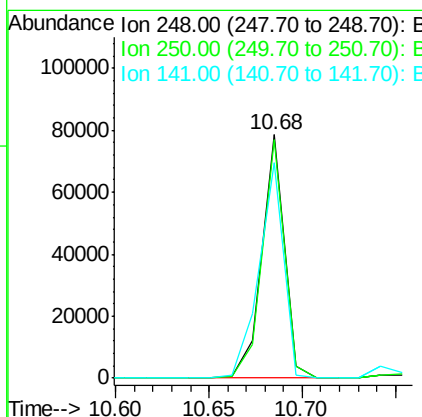
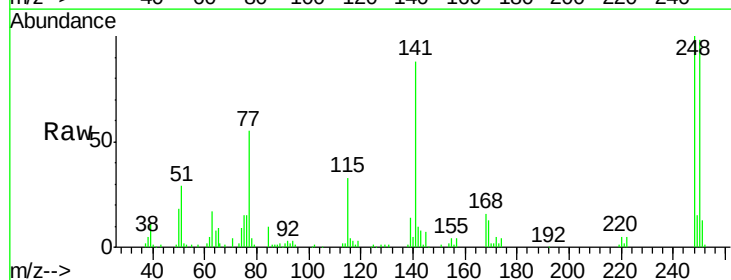
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MSD

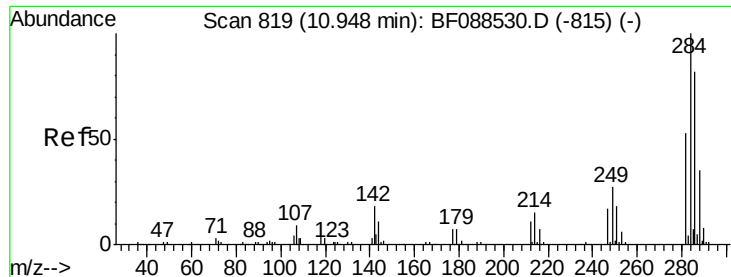
Tgt Ion:169 Resp: 209231
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.4 80.0
 167 36.8 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 39.09 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

Tgt Ion:248 Resp: 65176
 Ion Ratio Lower Upper
 248 100
 250 98.1 77.1 115.7
 141 88.3 50.6 76.0#

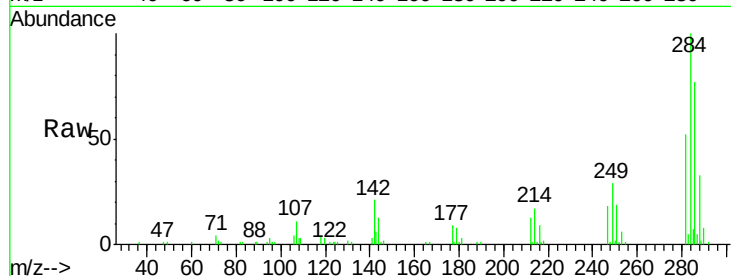




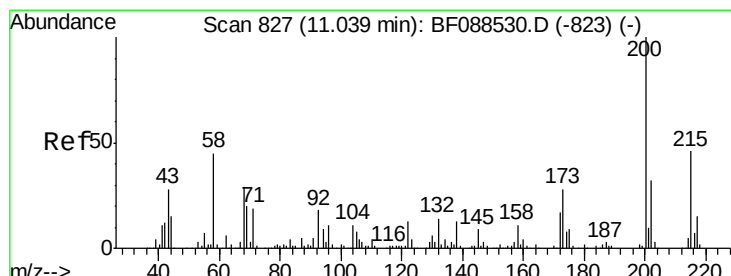
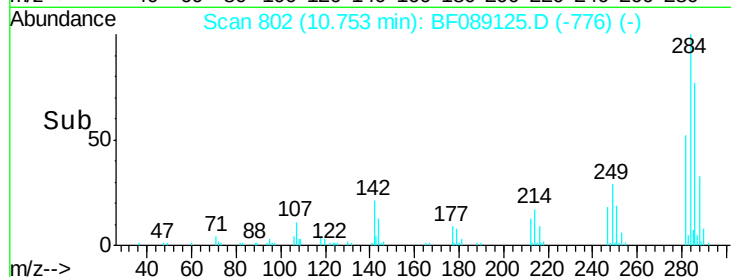
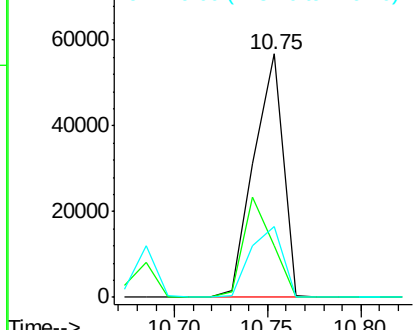
#67
Hexachlorobenzene
Concen: 33.33 ng
RT: 10.75 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF089125.D
Acq: 19 Jul 2016 18:40

Instrument :
BNA_F
ClientSampleId :
HSR-WC-60-071116MSD

Tgt Ion:284 Resp: 61508
Ion Ratio Lower Upper
284 100
142 21.2 35.8 53.8#
249 29.0 25.8 38.6

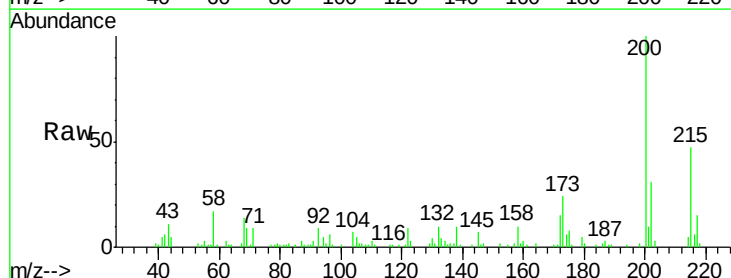


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

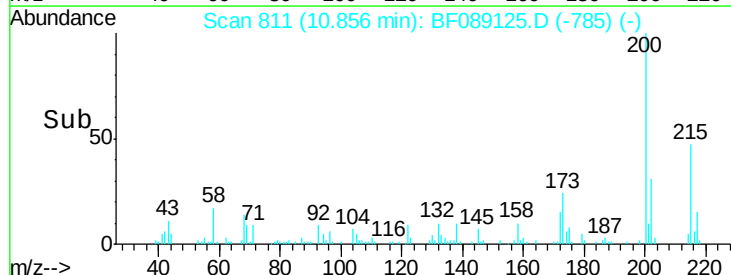
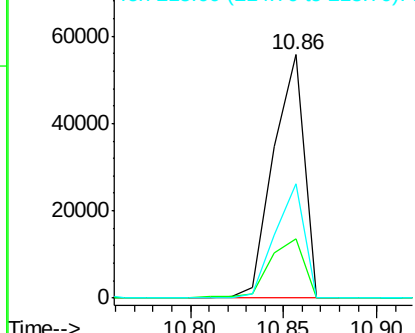


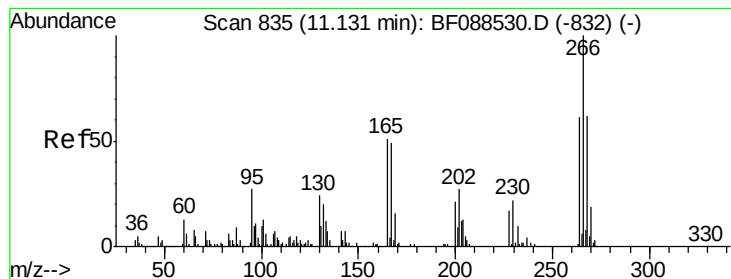
#68
Atrazine
Concen: 36.76 ng
RT: 10.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF089125.D
Acq: 19 Jul 2016 18:40

Tgt Ion:200 Resp: 64143
Ion Ratio Lower Upper
200 100
173 24.2 4.0 44.0
215 47.1 29.3 69.3



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





#69

Pentachlorophenol

Concen: 49.67 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MSD

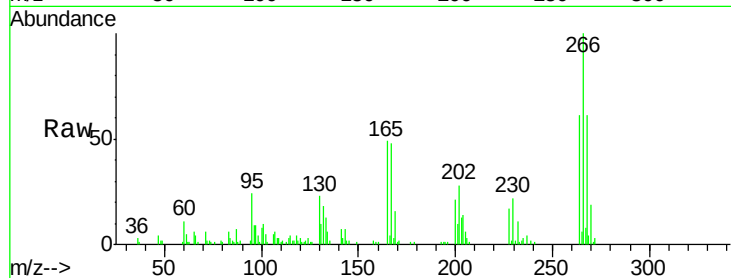
Tgt Ion:266 Resp: 54246

Ion Ratio Lower Upper

266 100

268 61.2 52.8 79.2

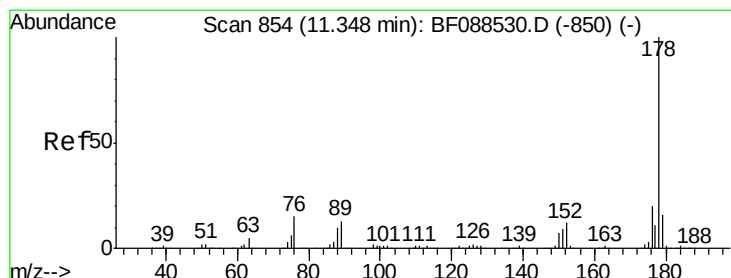
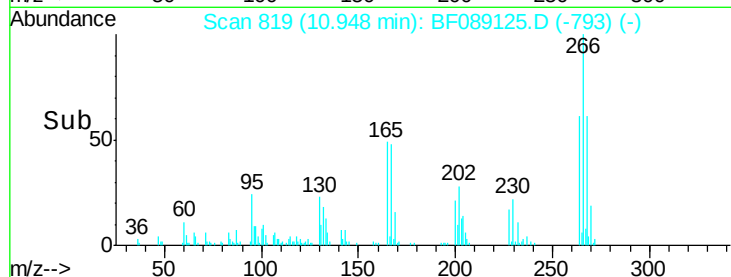
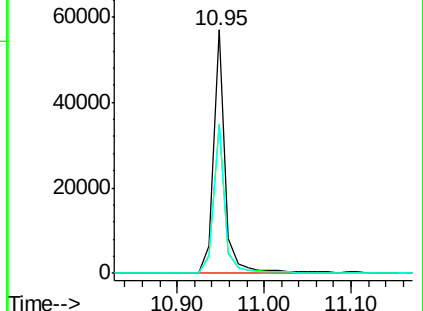
264 61.1 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 34.85 ng

RT: 11.15 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

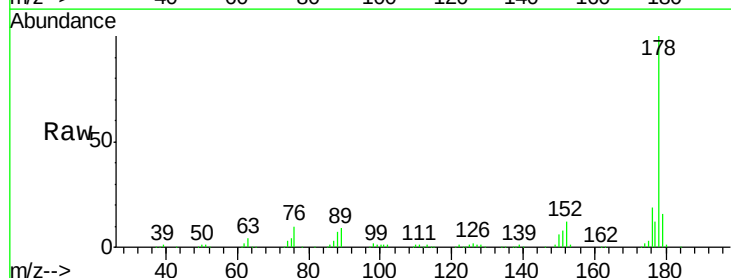
Tgt Ion:178 Resp: 315173

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

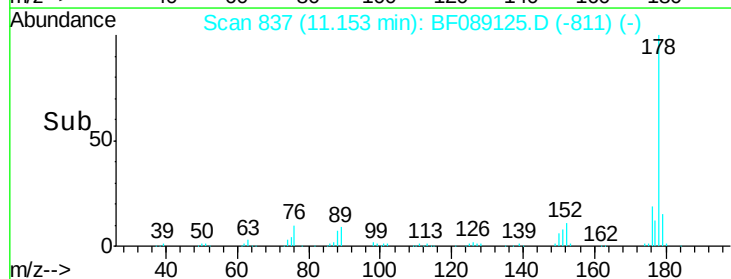
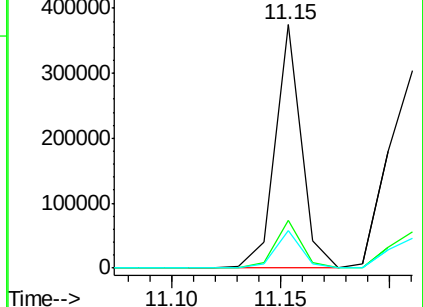
179 15.6 13.0 19.4

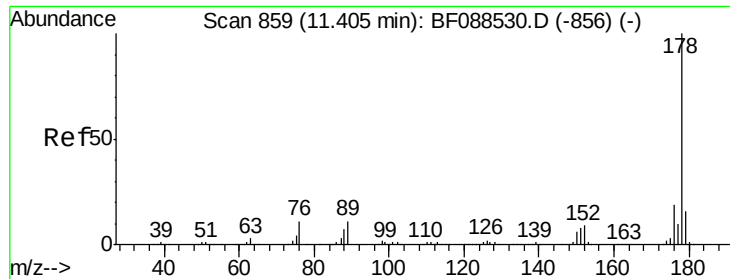


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

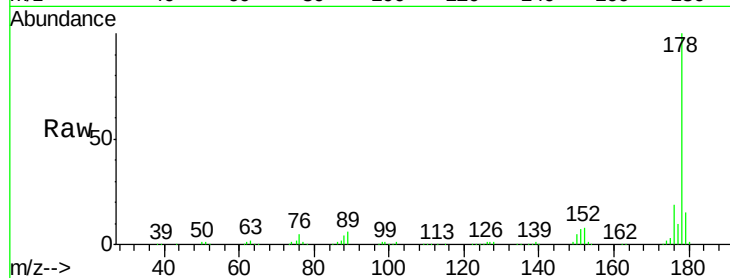




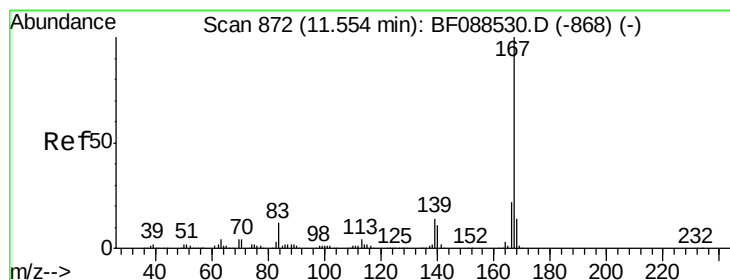
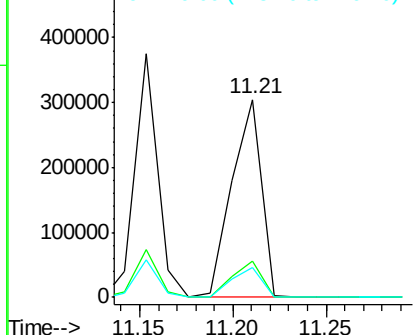
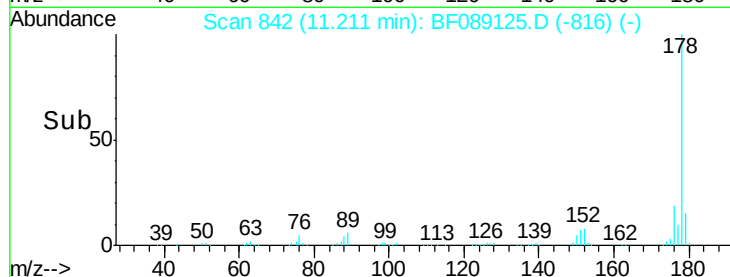
#71
 Anthracene
 Concen: 37.64 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MSD

Tgt Ion:178 Resp: 338509
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.6 23.4
 179 14.9 12.8 19.2

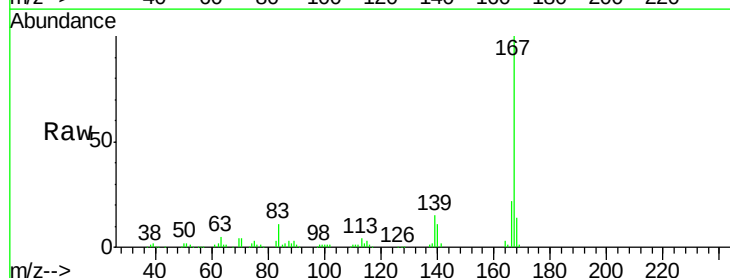


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

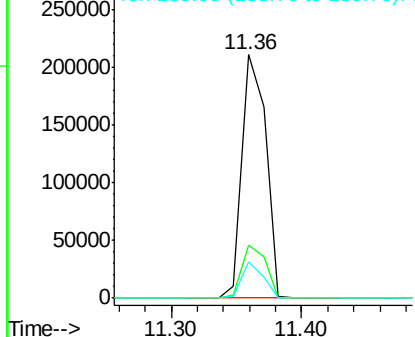
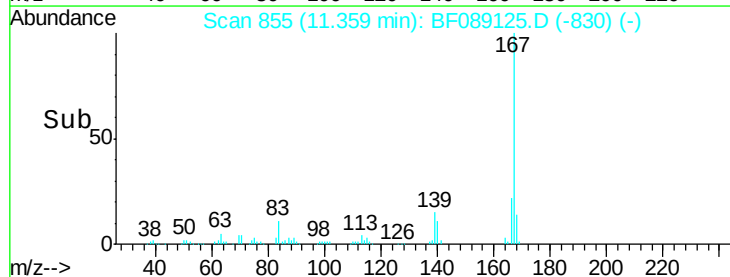


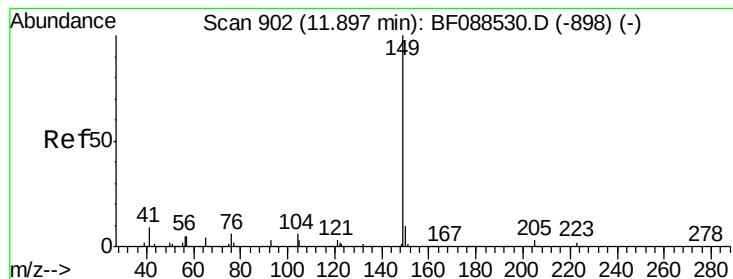
#72
 Carbazole
 Concen: 31.57 ng
 RT: 11.36 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

Tgt Ion:167 Resp: 267221
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 15.0 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.72 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MSD

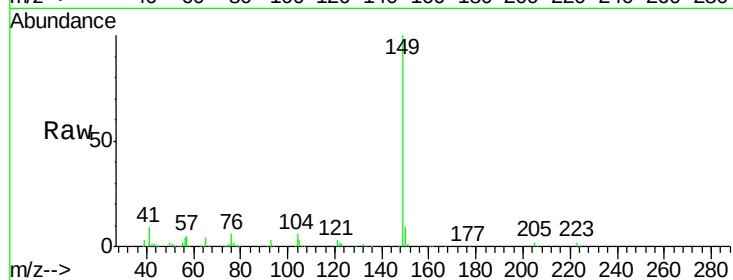
Tgt Ion:149 Resp: 381199

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

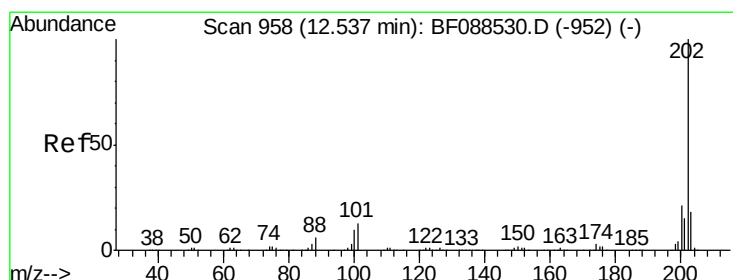
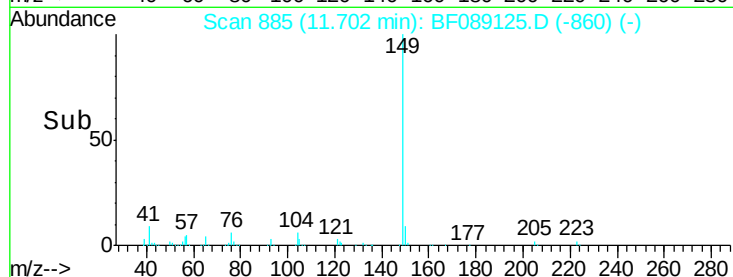
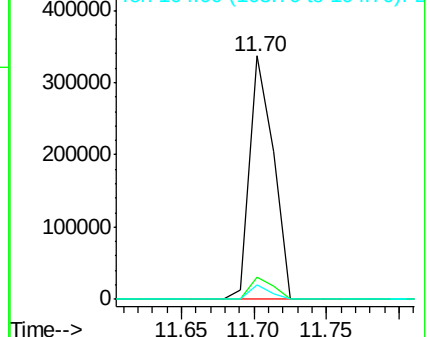
104 5.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 29.50 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

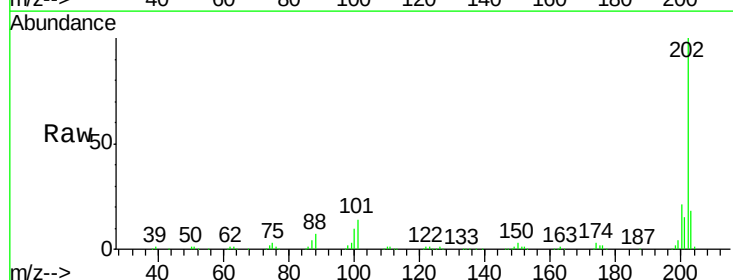
Tgt Ion:202 Resp: 270463

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.1

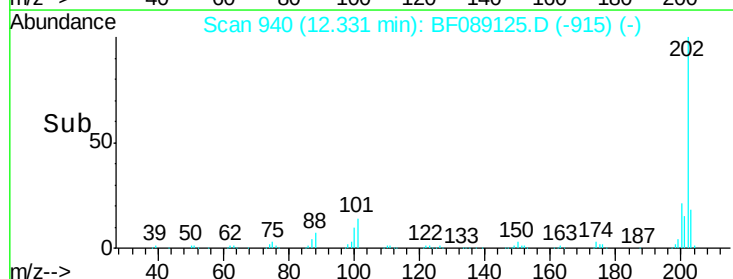
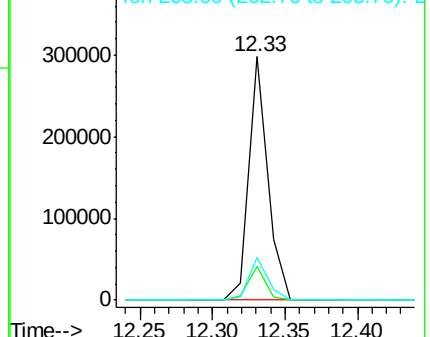
203 17.8 0.0 38.1

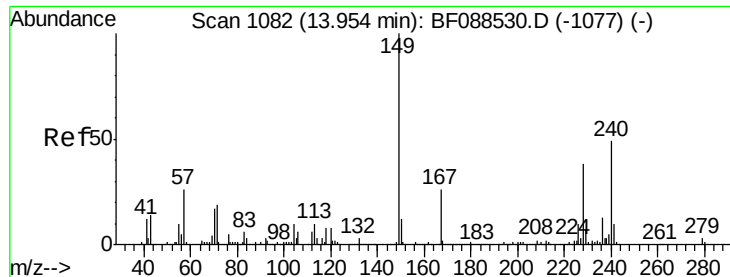


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MSD

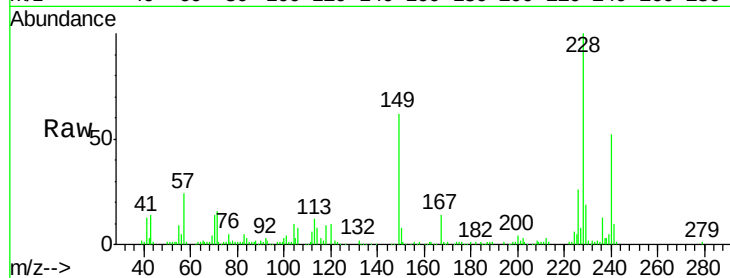
Tgt Ion:240 Resp: 97130

Ion Ratio Lower Upper

240 100

120 18.7 6.8 10.2#

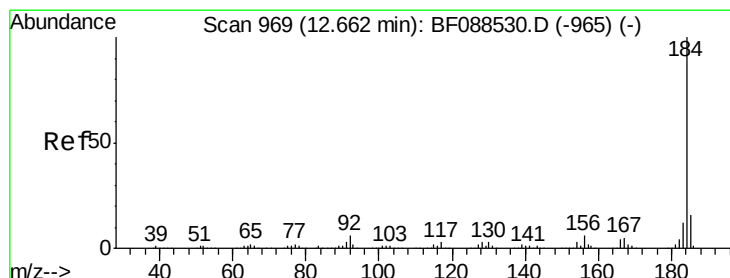
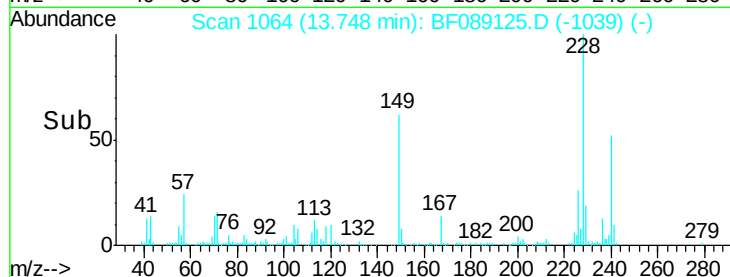
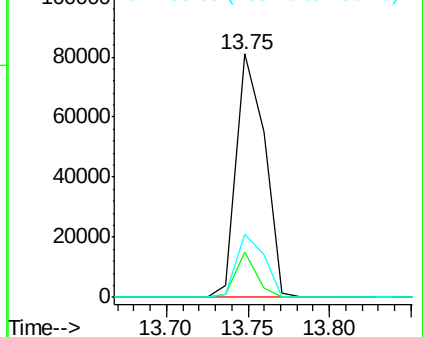
236 25.8 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 12.35 ng

RT: 12.46 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

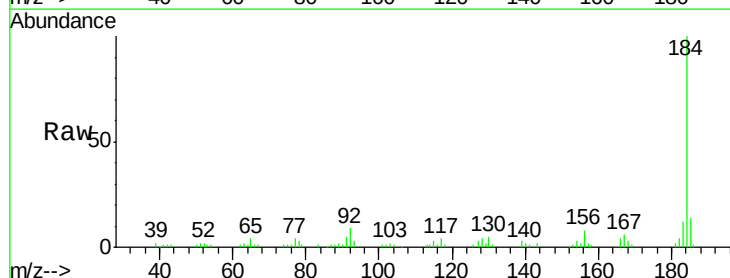
Tgt Ion:184 Resp: 60648

Ion Ratio Lower Upper

184 100

185 13.5 12.5 18.7

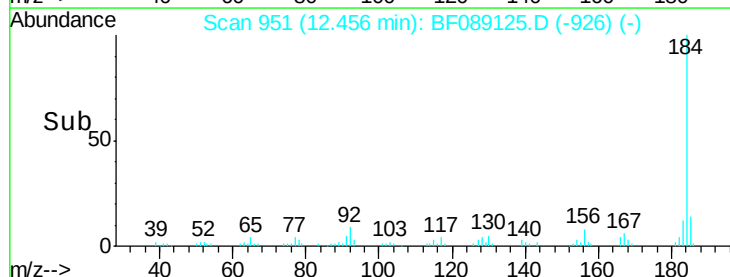
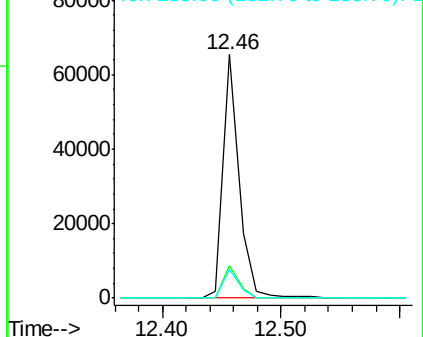
183 11.9 9.3 13.9

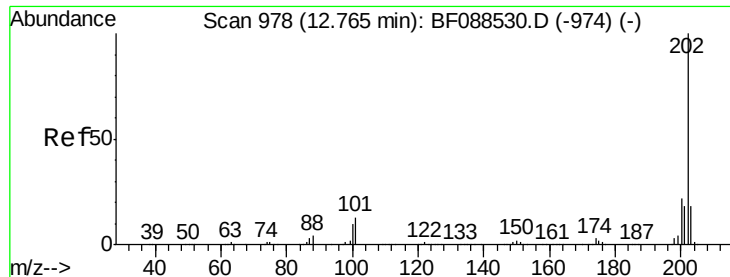


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

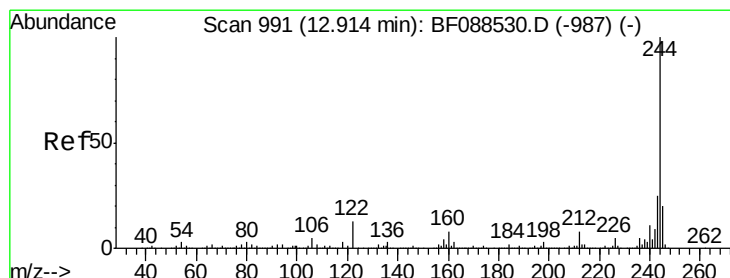
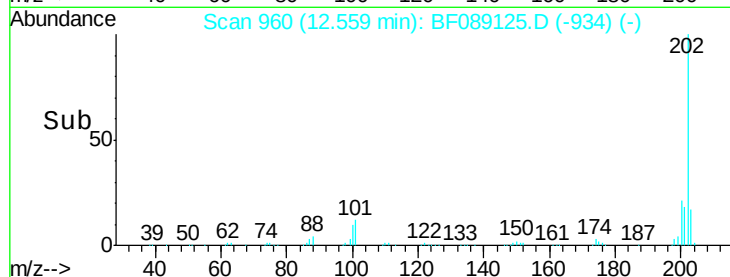
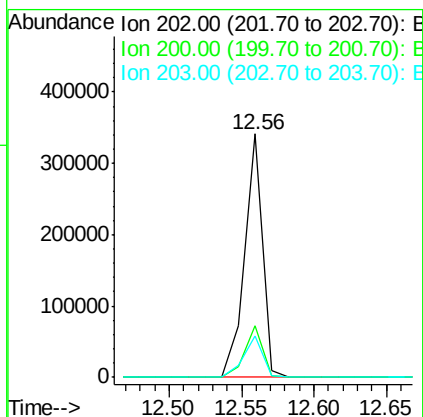
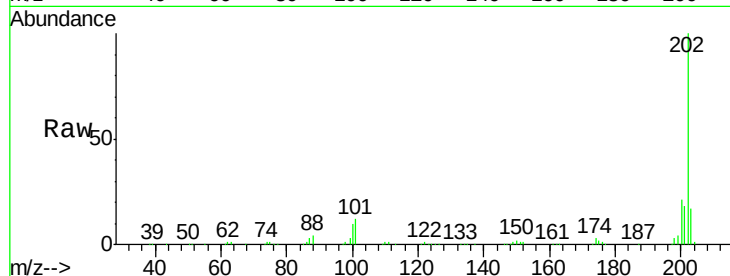




#77
Pyrene
 Concen: 35.46 ng
 RT: 12.56 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

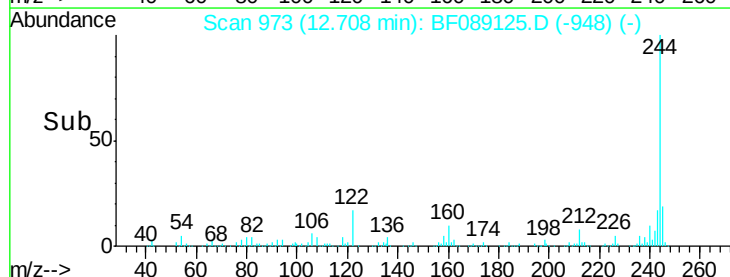
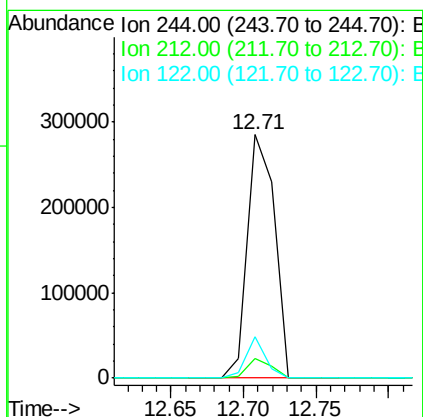
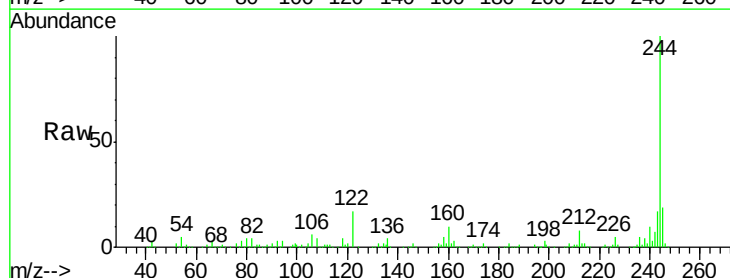
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MSD

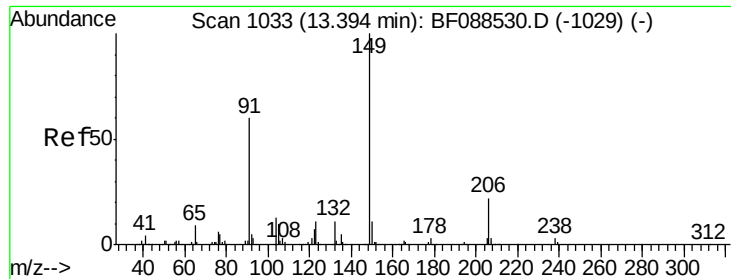
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.2	14.5	21.7



#78
Terphenyl-d14
 Concen: 85.09 ng
 RT: 12.71 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.0	9.0
122	17.2	11.2	16.8#





#79

Butylbenzylphthalate

Concen: 36.42 ng

RT: 13.19 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MSD

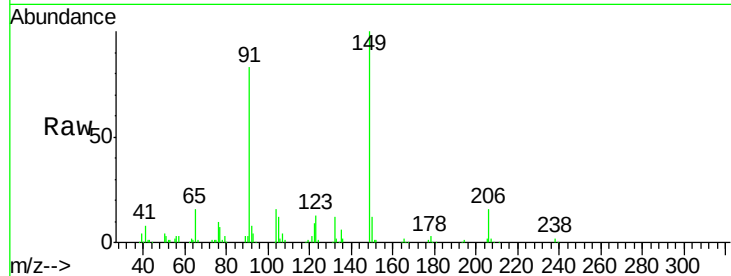
Tgt Ion:149 Resp: 133787

Ion Ratio Lower Upper

149 100

91 83.3 48.0 72.0#

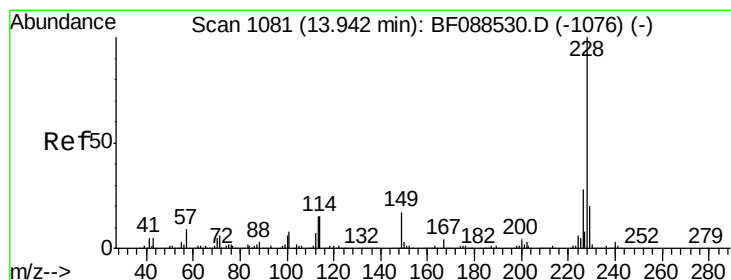
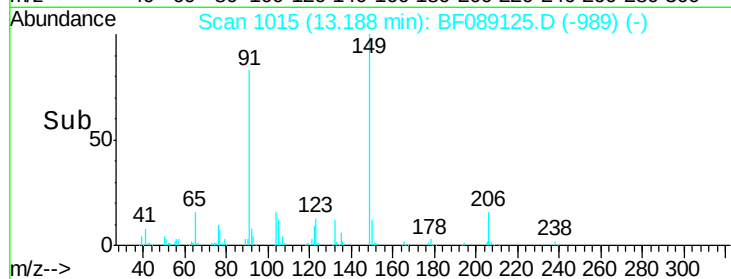
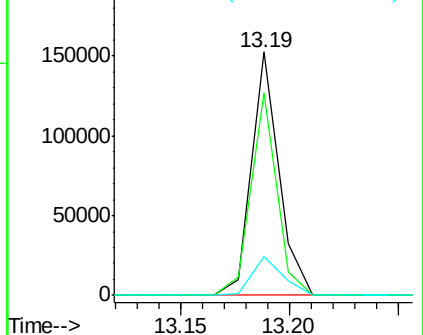
206 15.7 16.0 24.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.53 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

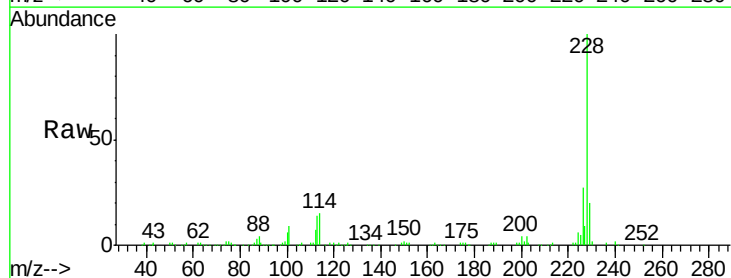
Tgt Ion:228 Resp: 228483

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

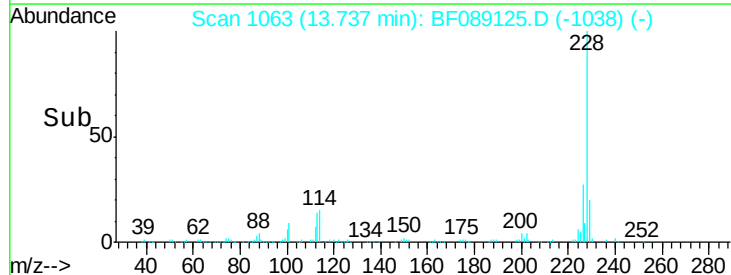
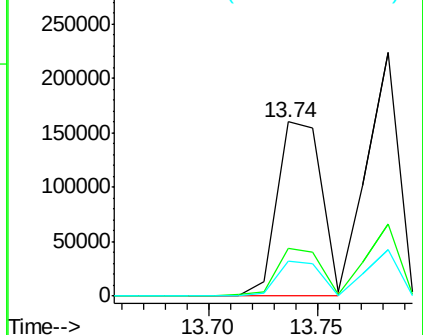
229 20.0 16.0 24.0

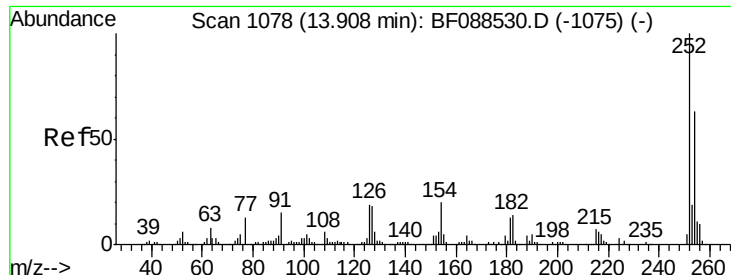


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

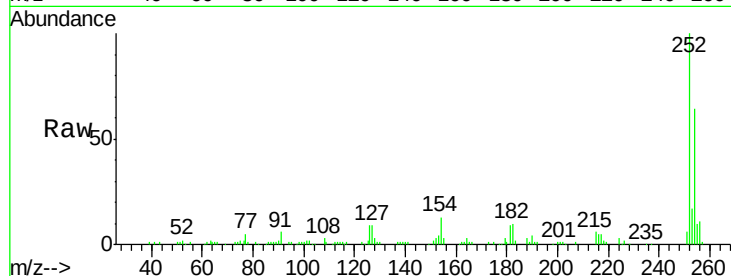




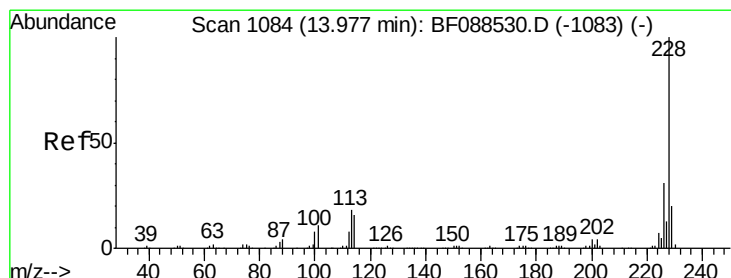
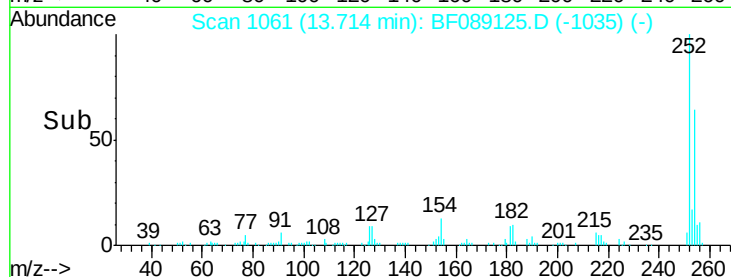
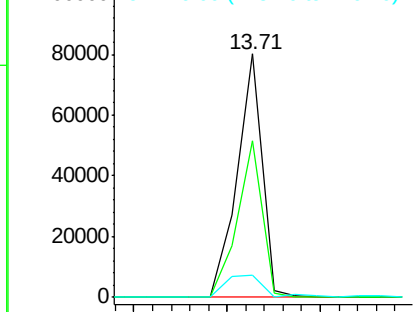
#81
 3,3'-Dichlorobenzidine
 Concen: 32.01 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MSD

Tgt Ion:252 Resp: 75280
 Ion Ratio Lower Upper
 252 100
 254 64.4 52.6 78.8
 126 9.2 6.2 9.2

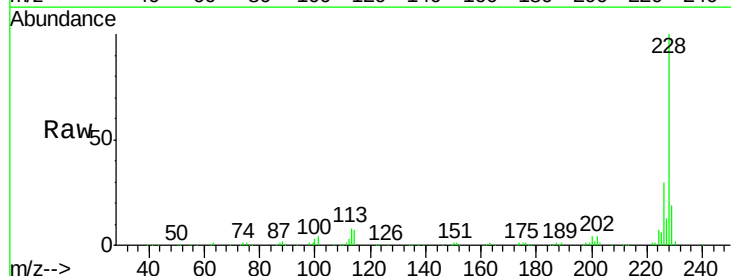


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

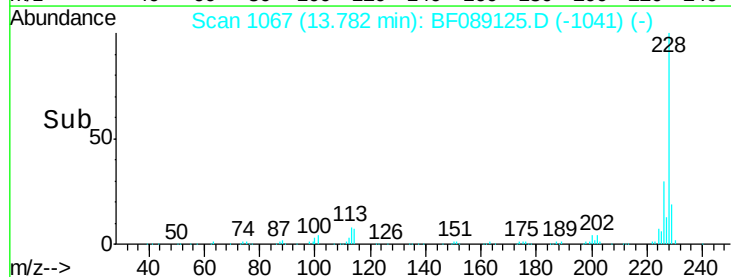
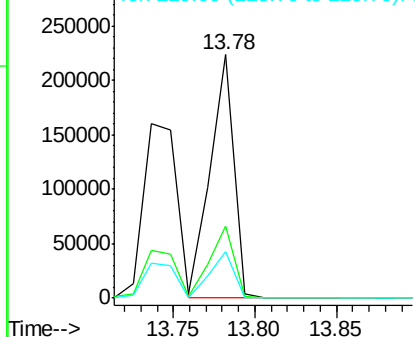


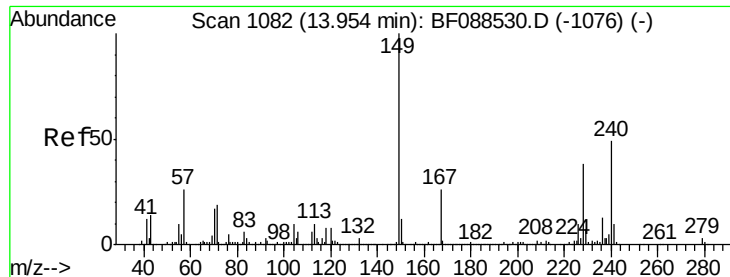
#82
 Chrysene
 Concen: 36.73 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

Tgt Ion:228 Resp: 227262
 Ion Ratio Lower Upper
 228 100
 226 29.7 25.4 38.2
 229 19.4 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

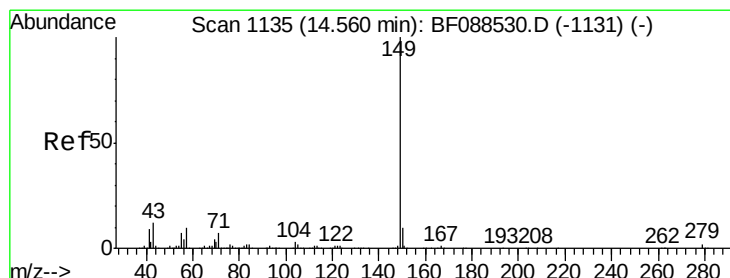
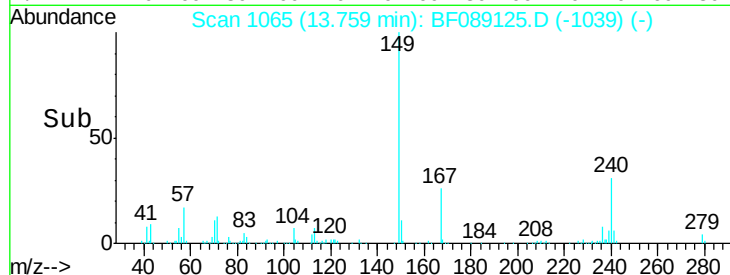
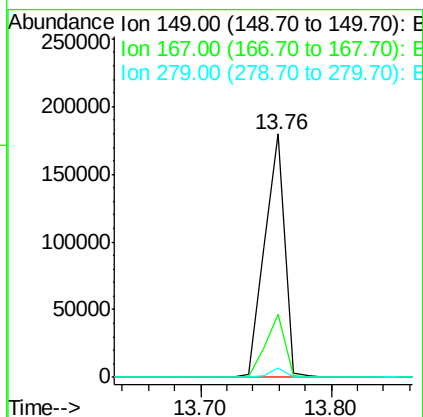
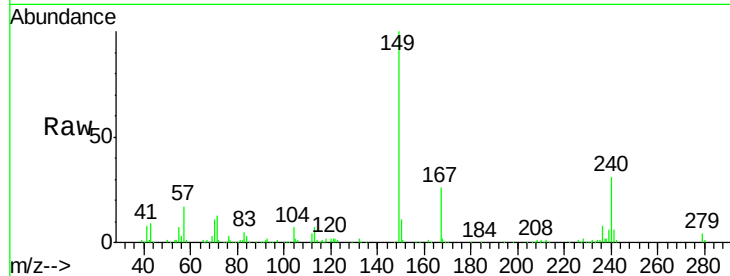




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.13 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

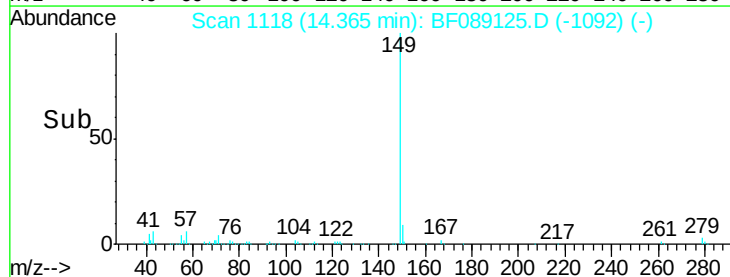
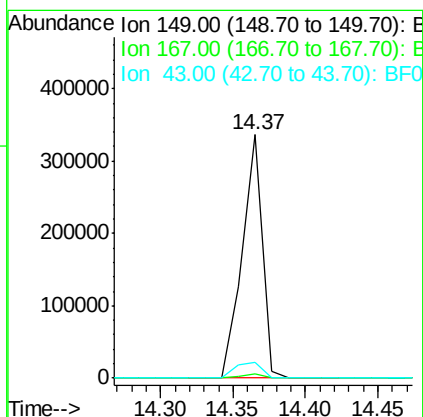
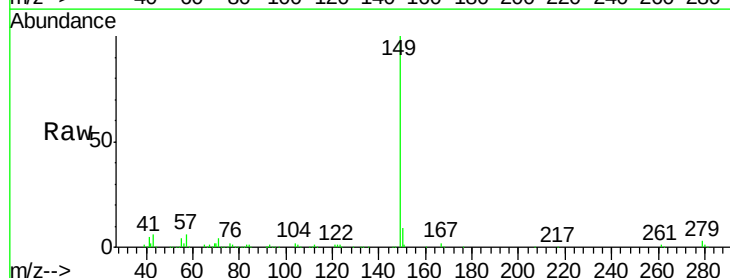
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MSD

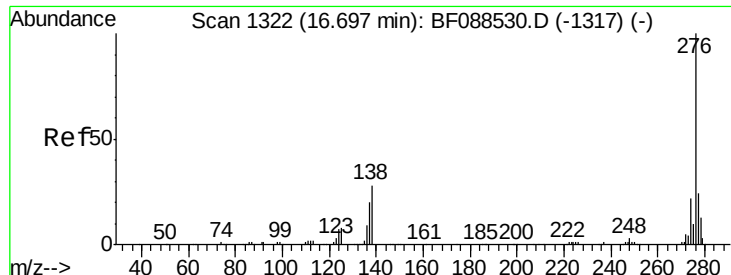
Tgt Ion:149 Resp: 193465
 Ion Ratio Lower Upper
 149 100
 167 26.1 20.5 30.7
 279 3.8 2.0 3.0#



#84
 Di-n-octyl phthalate
 Concen: 45.60 ng
 RT: 14.37 min Scan# 1118
 Delta R.T. 0.00 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

Tgt Ion:149 Resp: 324929
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 8.6 0.0 0.0#

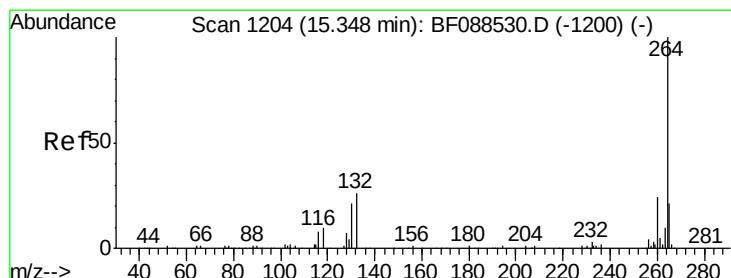
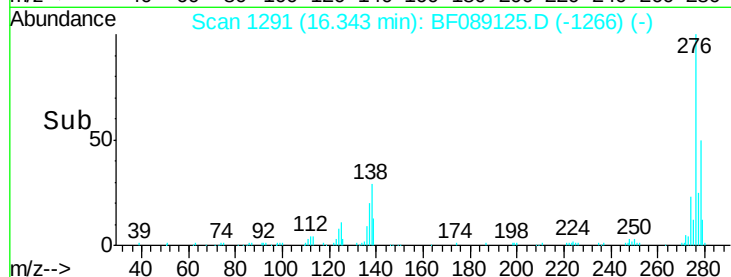
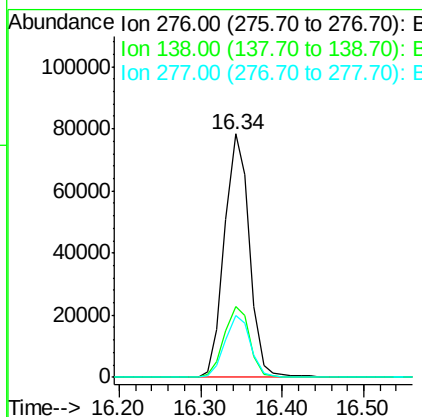
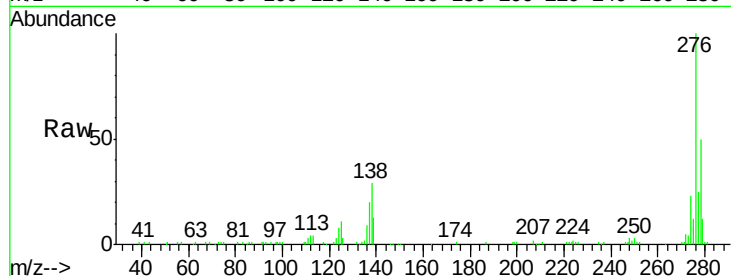




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.85 ng
 RT: 16.34 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

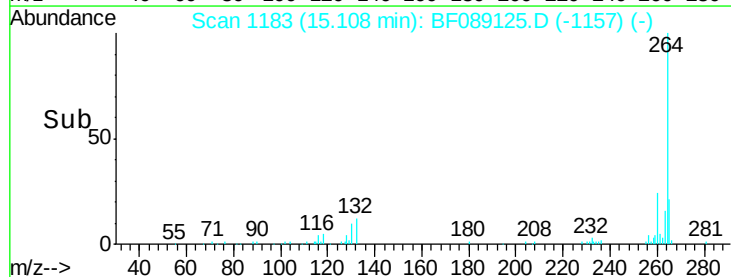
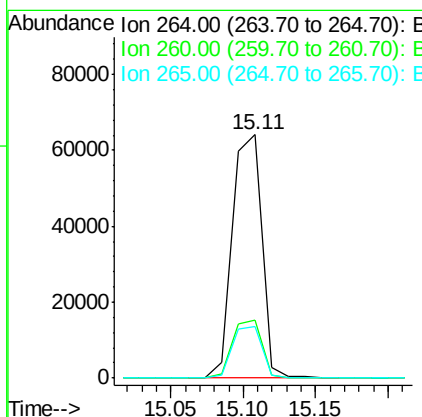
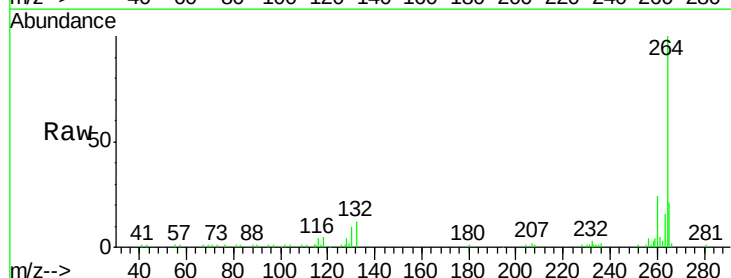
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MSD

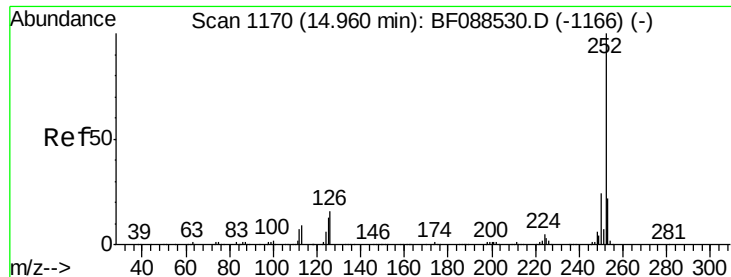
Tgt Ion: 276 Resp: 165926
 Ion Ratio Lower Upper
 276 100
 138 29.8 0.0 0.0#
 277 25.9 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF089125.D
 Acq: 19 Jul 2016 18:40

Tgt Ion: 264 Resp: 90412
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.2 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 71.46 ng

RT: 14.77 min Scan# 1153

Delta R.T. 0.02 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MSD

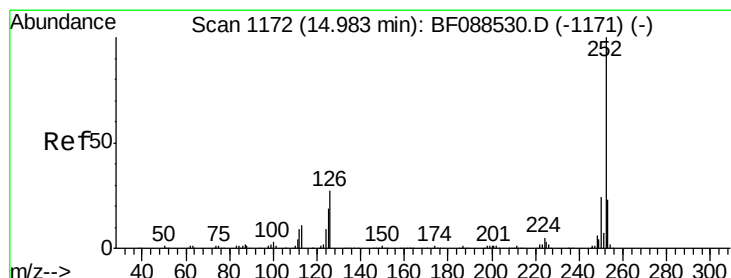
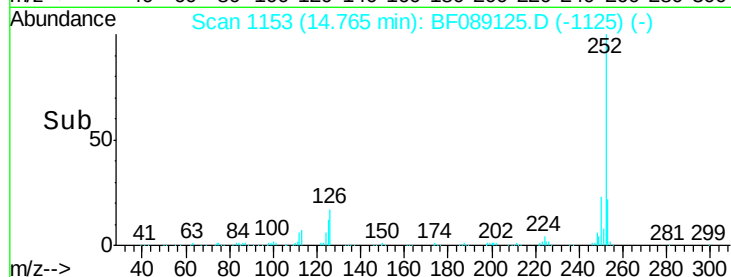
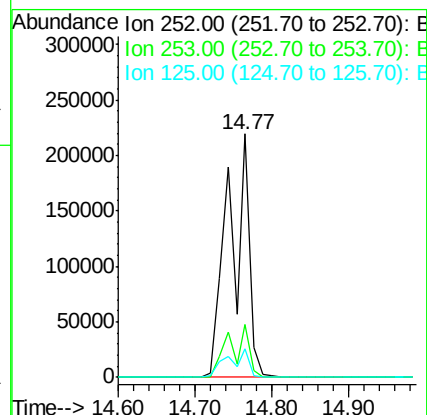
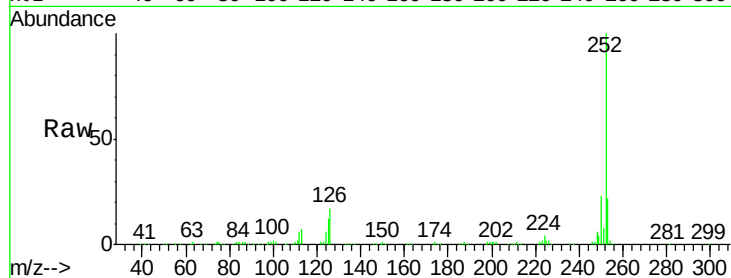
Tgt Ion:252 Resp: 405273

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 12.0 7.1 10.7#



#88

Benzo(k)fluoranthene

Concen: 82.08 ng

RT: 14.77 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF089125.D

Acq: 19 Jul 2016 18:40

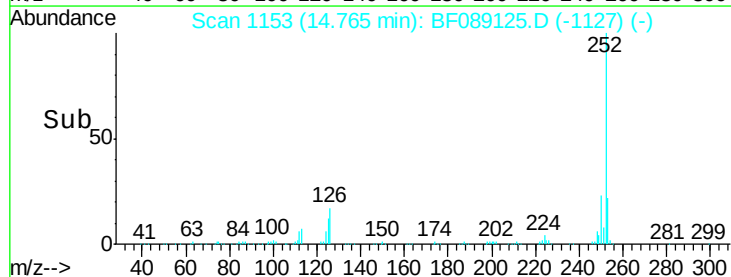
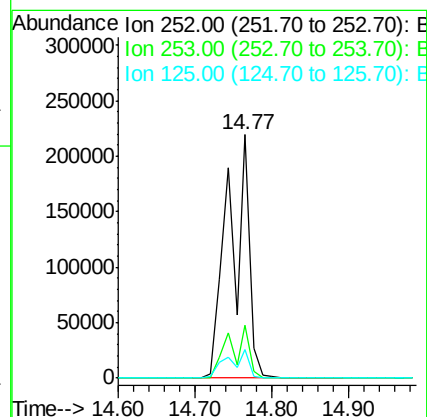
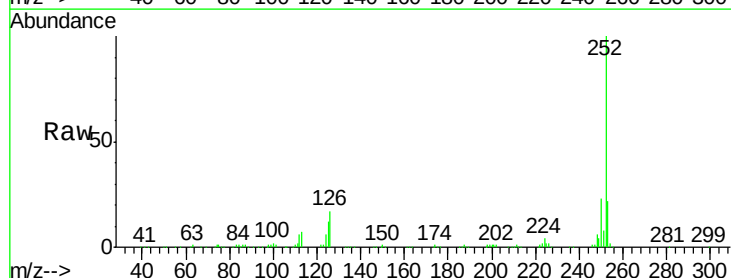
Tgt Ion:252 Resp: 405273

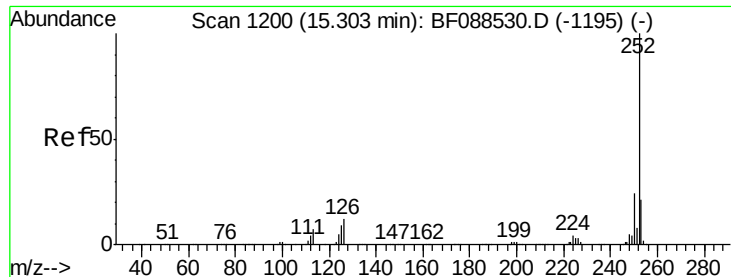
Ion Ratio Lower Upper

252 100

253 21.5 18.0 27.0

125 12.0 11.2 16.8

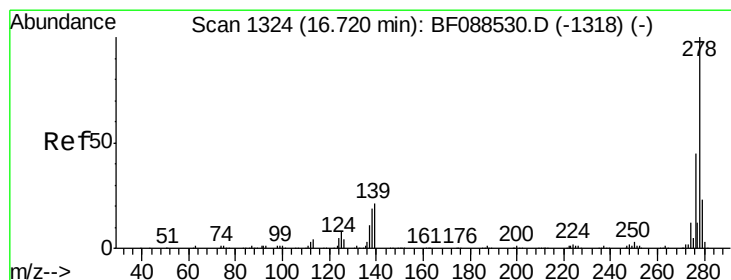
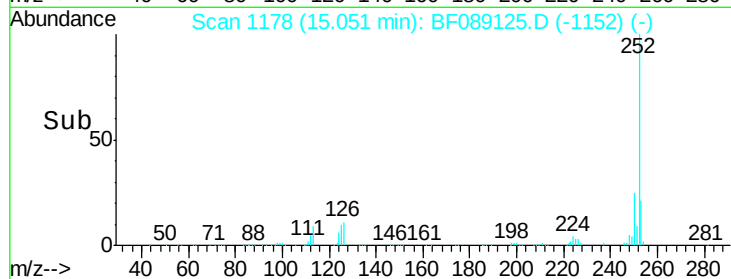
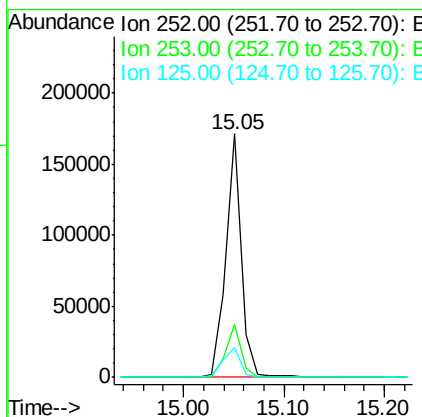
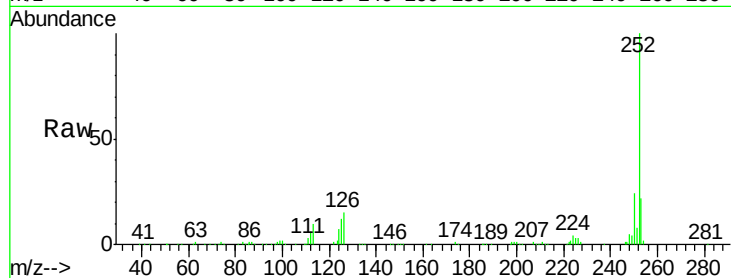




#89
Benzo(a)pyrene
Concen: 38.10 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF089125.D
Acq: 19 Jul 2016 18:40

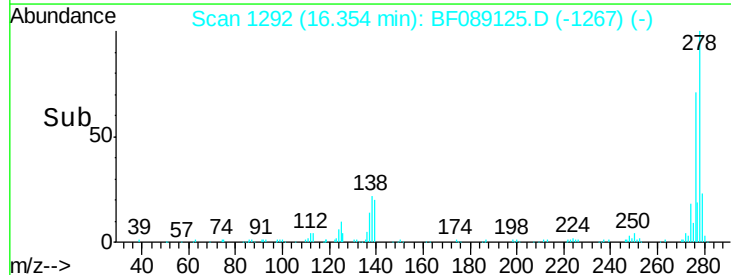
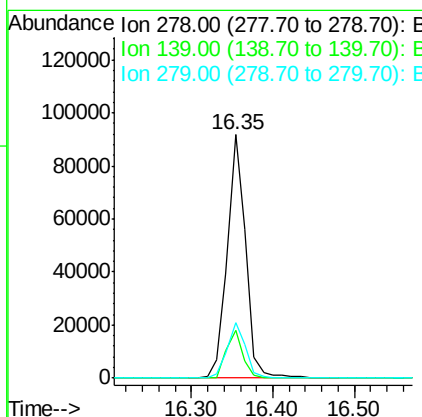
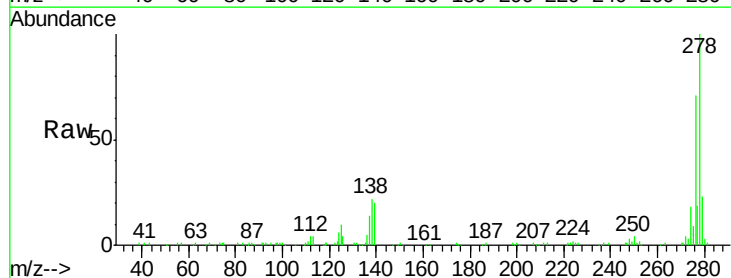
Instrument :
BNA_F
ClientSampleId :
HSR-WC-60-071116MSD

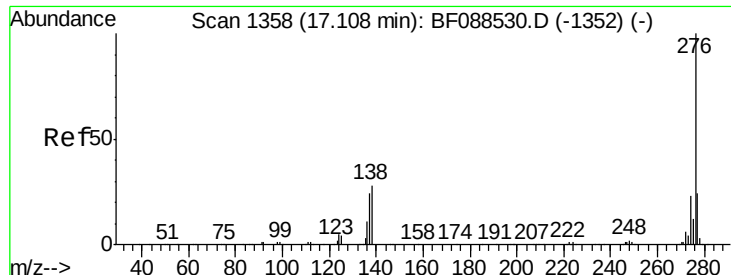
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	12.5	12.5	18.7#



#90
Dibenzo(a,h)anthracene
Concen: 35.63 ng
RT: 16.35 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF089125.D
Acq: 19 Jul 2016 18:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.8	15.7	23.5
279	22.9	19.4	29.2





#91

Benzo(g,h,i)perylene

Concen: 31.61 ng

RT: 16.72 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF089125.D

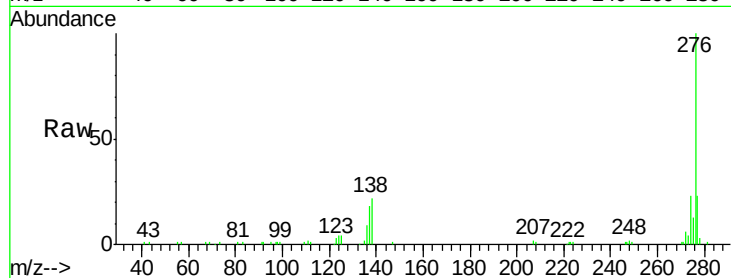
Acq: 19 Jul 2016 18:40

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MSD



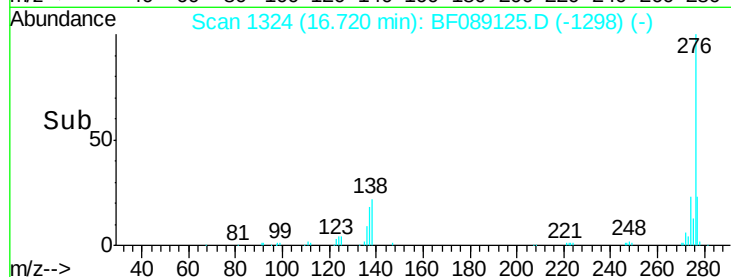
Tgt Ion: 276 Resp: 131165

Ion Ratio Lower Upper

276 100

277 22.9 18.9 28.3

138 21.6 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

