

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
 Data File : BF089819.D
 Acq On : 20 Aug 2016 1:45
 Operator : UM/SJ
 Sample : H4528-18
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALEFILL-MCMPH3-5

Quant Time: Aug 22 01:27:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	574407	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	1890743	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	878172	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1357040	20.00	ng	0.00
75) Chrysene-d12	13.84	240	1031462	20.00	ng	-0.03
86) Perylene-d12	15.29	264	1146974	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	3374349	100.74	ng	0.01
7) Phenol-d6	6.33	99	4737410	115.22	ng	0.01
23) Nitrobenzene-d5	7.24	82	2573590	84.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.50	330	850226	101.88	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	4114951	82.36	ng	0.00
78) Terphenyl-d14	12.78	244	2481151	54.42	ng	-0.01

Target Compounds

						Qvalue
3) Pyridine	2.80	79	224	0.01	ng	# 1
4) n-Nitrosodimethylamine	2.73	42	446	0.03	ng	# 1
6) Aniline	6.33	93	1454	0.03	ng	# 1
8) 2-Chlorophenol	6.47	128	2149	0.05	ng	97
9) Benzaldehyde	6.44	77	76941	2.87	ng	83
10) Phenol	6.33	94	50709	1.05	ng	# 1
11) bis(2-Chloroethyl)ether	6.44	93	5519	0.15	ng	# 1
12) 1,3-Dichlorobenzene	6.84	146	318	0.01	ng	# 1
13) 1,4-Dichlorobenzene	6.84	146	318	0.01	ng	# 1
14) 1,2-Dichlorobenzene	6.84	146	318	0.01	ng	# 1
15) Benzyl Alcohol	6.84	79	44116	1.62	ng	# 42
16) 2,2'-oxybis(1-Chloropropan	6.92	45	217	0.00	ng	69
17) 2-Methylphenol	6.83	107	1271	0.04	ng	# 1
18) Hexachloroethane	7.23	117	244	0.02	ng	# 2
19) n-Nitroso-di-n-propylamine	7.24	70	334204	12.71	ng	# 76
20) 3+4-Methylphenols	7.10	107	658	0.02	ng	# 65
22) Acetophenone	7.10	105	934	0.02	ng	# 8
24) Nitrobenzene	7.24	77	8241	0.24	ng	# 36
25) Isophorone	7.24	82	2348868	38.27	ng	# 67
31) Naphthalene	7.99	128	3024	0.03	ng	# 92
32) Benzoic acid	7.96	122	314	0.01	ng	# 1
33) 4-Chloroaniline	7.99	127	370	0.01	ng	# 22
35) Caprolactam	8.54	113	315	0.04	ng	# 65
37) 2-Methylnaphthalene	8.67	142	620	0.01	ng	# 65
45) 1,1'-Biphenyl	9.14	154	296	0.00	ng	# 42
46) 2-Chloronaphthalene	9.12	162	280	0.01	ng	# 1
47) 2-Nitroaniline	9.44	65	11106	0.72	ng	# 1
48) Acenaphthylene	9.58	152	2040	0.03	ng	# 69
49) Dimethylphthalate	9.44	163	1274197	20.61	ng	99
50) 2,6-Dinitrotoluene	9.44	165	13484	0.94	ng	# 1
51) Acenaphthene	9.71	154	3717	0.07	ng	# 4
54) Dibenzofuran	9.92	168	1137	0.02	ng	# 90
55) 4-Nitrophenol	9.92	139	292	0.02	ng	# 15
56) 2,4-Dinitrotoluene	9.71	165	115978	6.26	ng	# 35

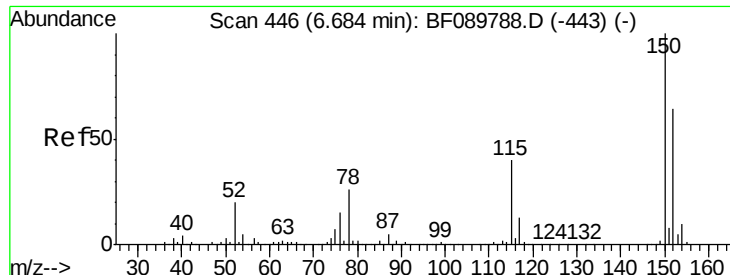
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
57) Fluorene	10.50	166	40077	0.75	ng	# 93
59) Diethylphthalate	10.15	149	6172	0.10	ng	# 90
62) Azobenzene	10.42	77	1143	0.02	ng	# 8
64) 4,6-Dinitro-2-methylphenol	10.50	198	1784	0.23	ng	# 7
65) n-Nitrosodiphenylamine	10.39	169	1097	0.03	ng	# 77
66) 4-Bromophenyl-phenylether	10.50	248	50724	3.57	ng	# 1
70) Phenanthrene	11.21	178	5766	0.08	ng	95
71) Anthracene	11.21	178	5766	0.08	ng	96
72) Carbazole	11.42	167	918	0.01	ng	# 57
73) Di-n-butylphthalate	11.77	149	11422	0.15	ng	# 97
74) Fluoranthene	12.39	202	7208	0.11	ng	97
77) Pyrene	12.62	202	7939	0.09	ng	96
79) Butylbenzylphthalate	13.27	149	1836	0.05	ng	# 42
80) Benzo(a)anthracene	13.83	228	7986	0.14	ng	# 88
82) Chrysene	13.83	228	7986	0.16	ng	# 86
83) Bis(2-ethylhexyl)phthalate	13.85	149	6451	0.12	ng	# 90
84) Di-n-octyl phthalate	14.55	149	1033	0.01	ng	# 69
85) Indeno(1,2,3-cd)pyrene	16.56	276	3445	0.05	ng	# 81
87) Benzo(b)fluoranthene	14.90	252	9246	0.15	ng	# 69
88) Benzo(k)fluoranthene	14.90	252	9246	0.16	ng	# 68
89) Benzo(a)pyrene	15.23	252	4937	0.08	ng	# 86
90) Dibenzo(a,h)anthracene	16.58	278	1762	0.03	ng	# 27
91) Benzo(g,h,i)perylene	16.94	276	3486	0.05	ng	# 74

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

Instrument :

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ClientSampleId :

VITALEFILL-MCMPH3-5

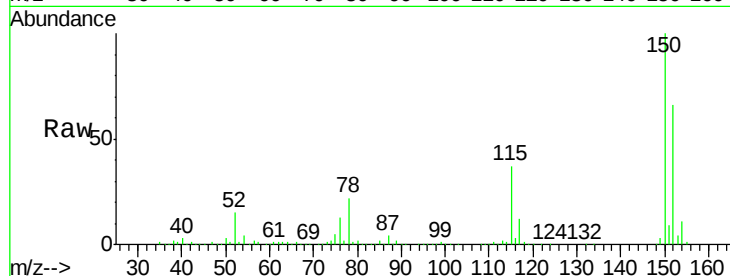
Tgt Ion:152 Resp: 574407

Ion Ratio Lower Upper

152 100

150 152.5 125.3 187.9

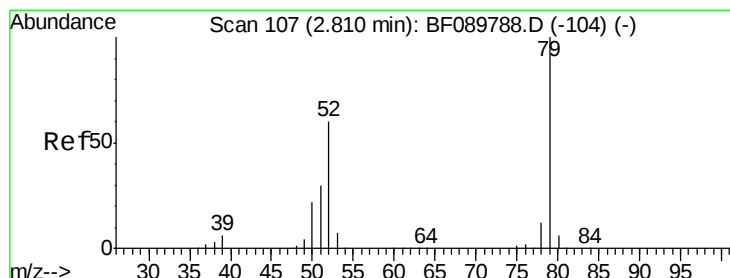
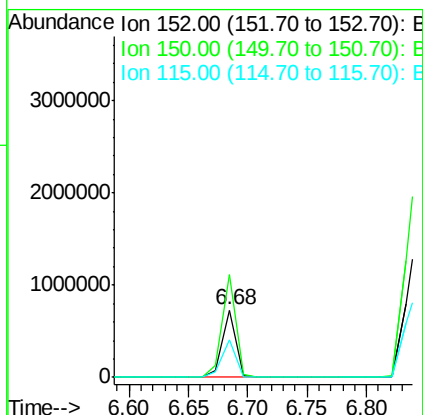
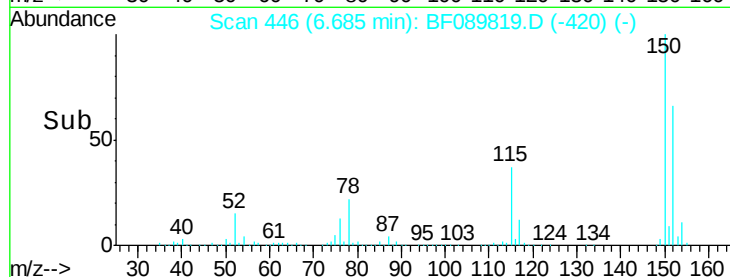
115 56.3 40.9 61.3



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



#3

Pyridine

Concen: 0.01 ng

RT: 2.80 min Scan# 106

Delta R.T. -0.01 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

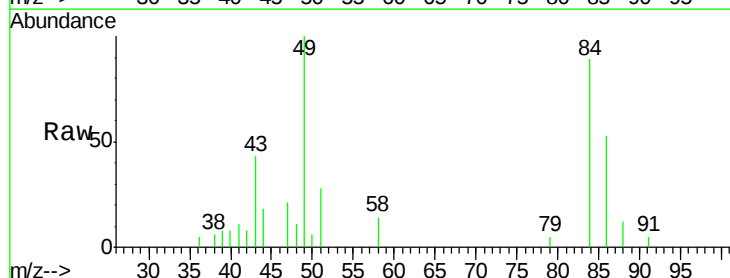
Tgt Ion: 79 Resp: 224

Ion Ratio Lower Upper

79 100

52 0.0 53.6 80.4#

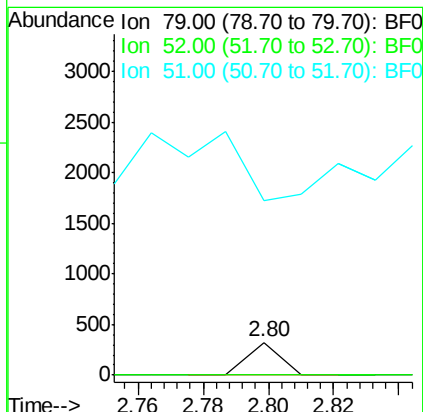
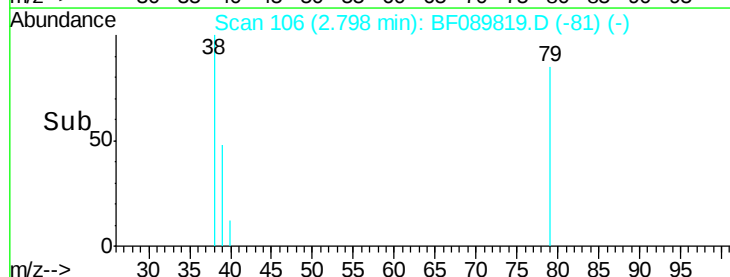
51 529.4 26.6 39.8#

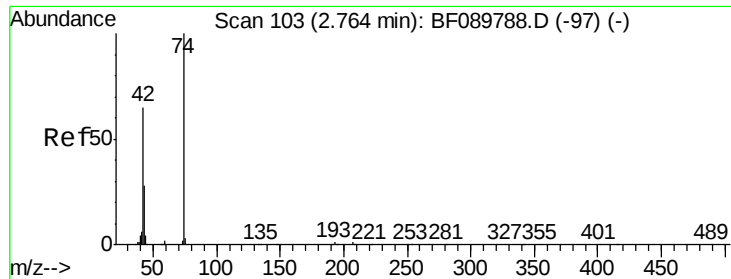


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 2.73 min Scan# 100

Delta R.T. -0.03 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

Instrument :

BNA_F

ClientSampleId :

VITALEFILL-MCMPH3-5

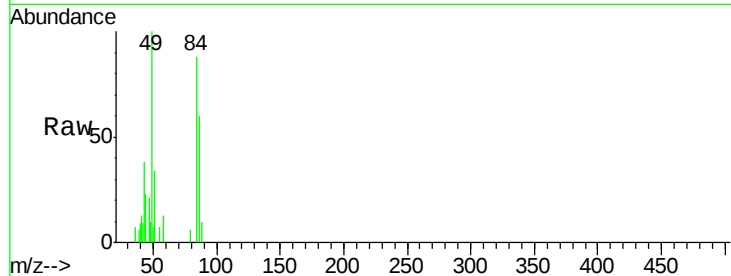
Tgt Ion: 42 Resp: 446

Ion Ratio Lower Upper

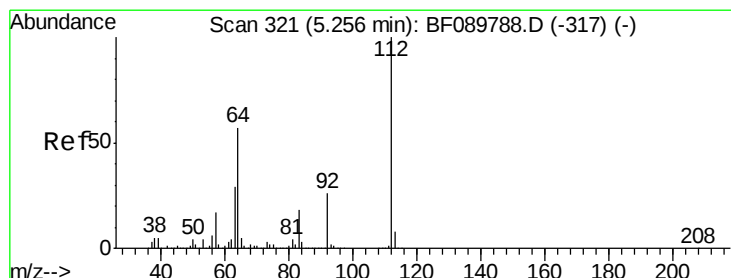
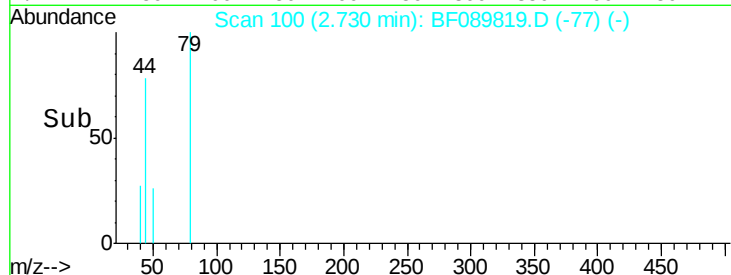
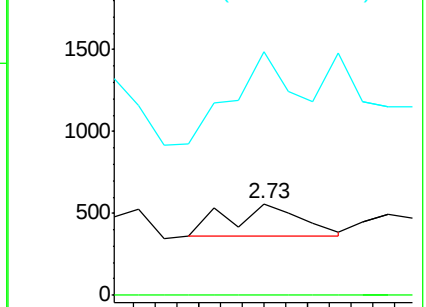
42 100

74 0.0 106.2 159.2#

44 265.1 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 100.74 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

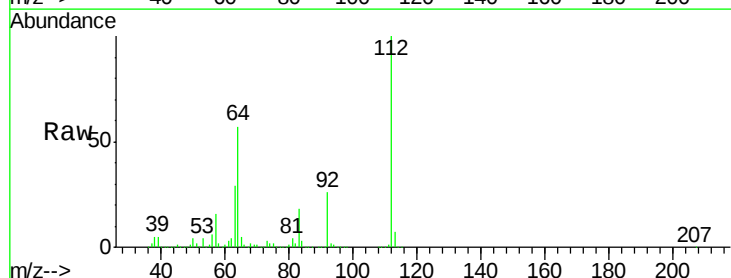
Tgt Ion: 112 Resp: 3374349

Ion Ratio Lower Upper

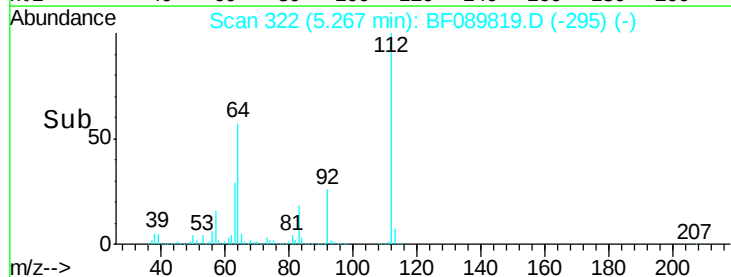
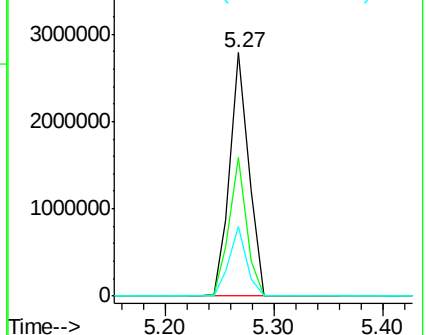
112 100

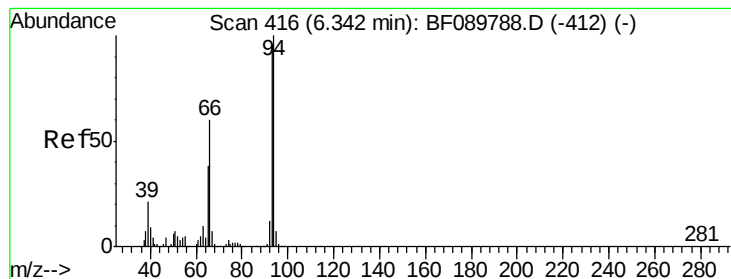
64 56.7 45.0 67.4

63 28.7 23.1 34.7



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: 0.03 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

Instrument :

BNA_F

ClientSampleId :

VITALEFILL-MCMPH3-5

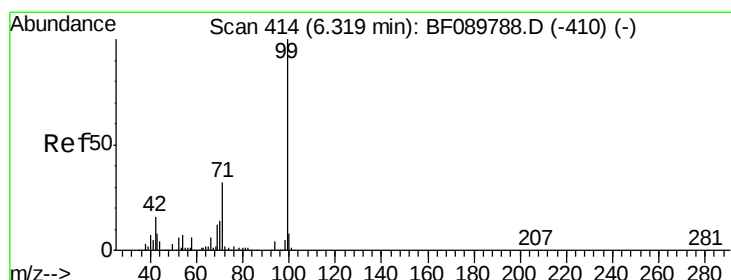
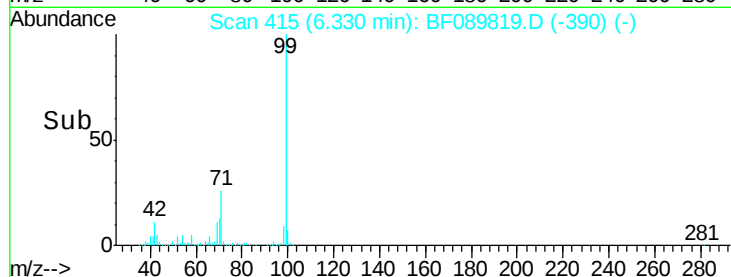
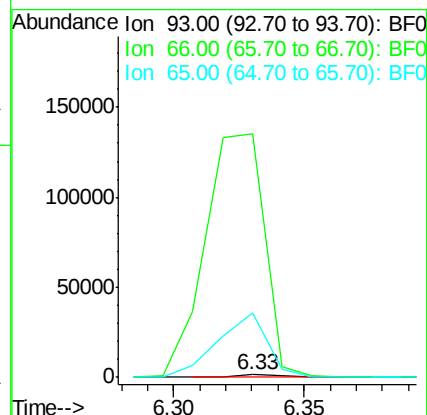
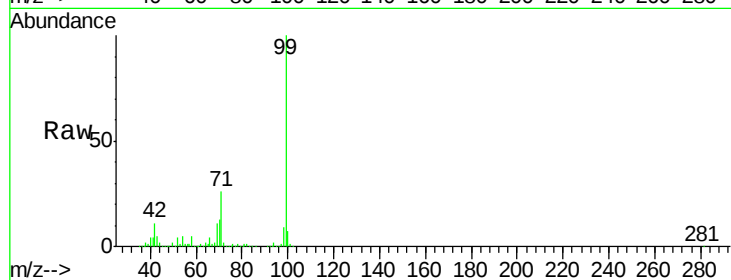
Tgt Ion: 93 Resp: 1454

Ion Ratio Lower Upper

93 100

66 10009.8 30.6 46.0#

65 2624.4 15.4 23.2#



#7

Phenol-d6

Concen: 115.22 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

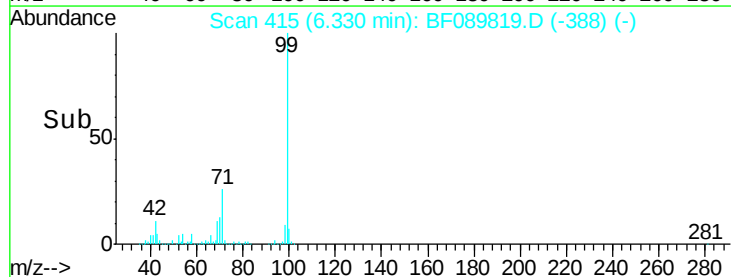
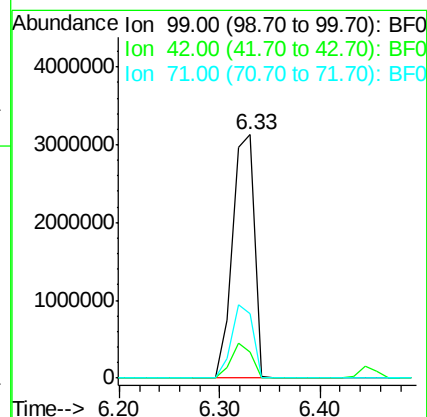
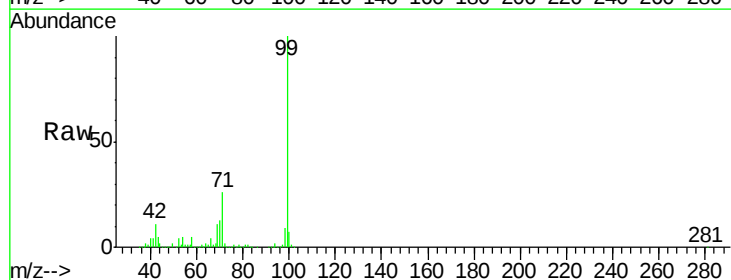
Tgt Ion: 99 Resp: 4737410

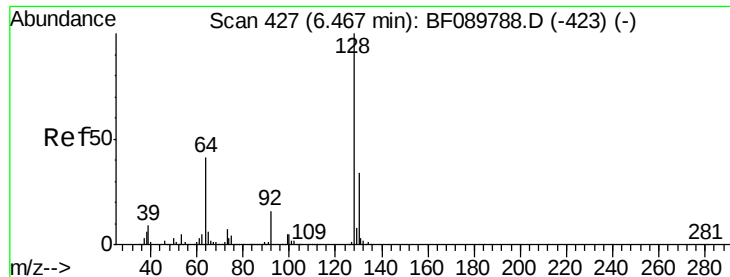
Ion Ratio Lower Upper

99 100

42 10.6 12.2 18.4#

71 26.2 23.8 35.8





#8

2-Chlorophenol

Concen: 0.05 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

Instrument :

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ClientSampleId :

VITALEFILL-MCMPH3-5

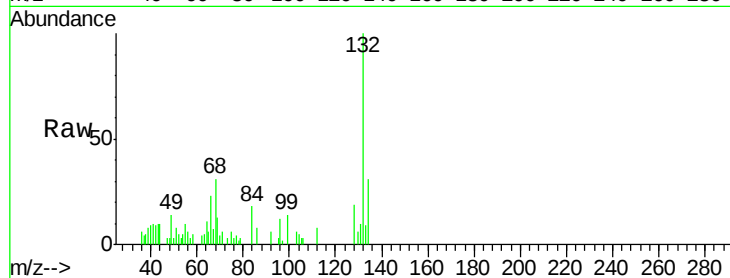
Tgt Ion:128 Resp: 2149

Ion Ratio Lower Upper

128 100

130 31.8 12.0 52.0

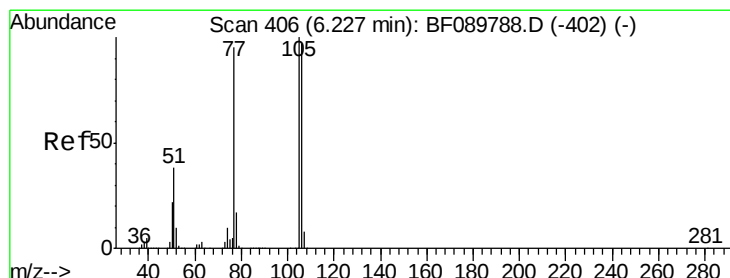
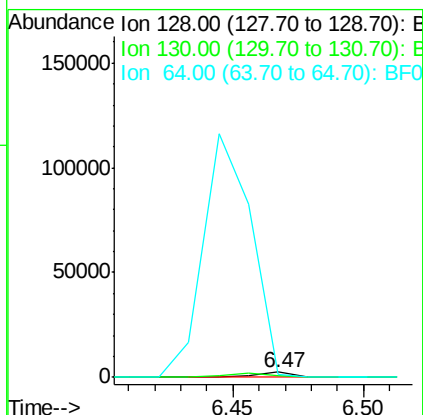
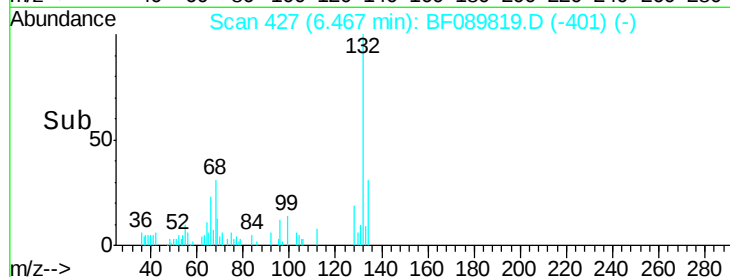
64 58.1 35.1 75.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 2.87 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.22 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

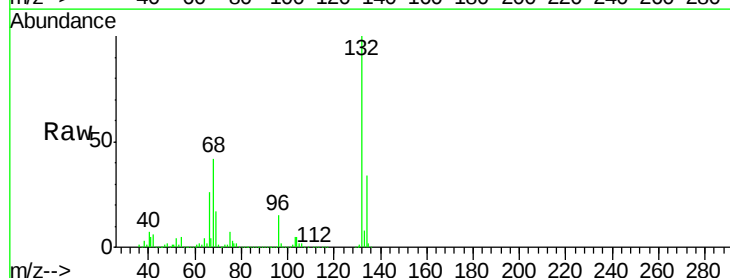
Tgt Ion: 77 Resp: 76941

Ion Ratio Lower Upper

77 100

105 80.1 73.3 113.3

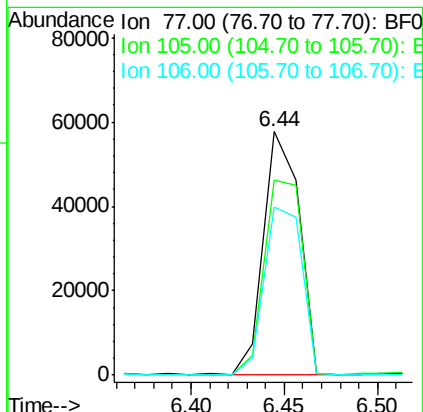
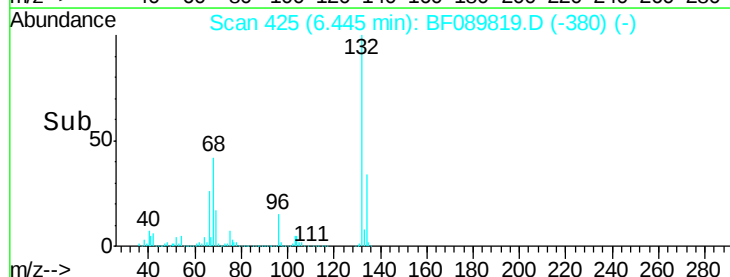
106 69.1 68.6 108.6

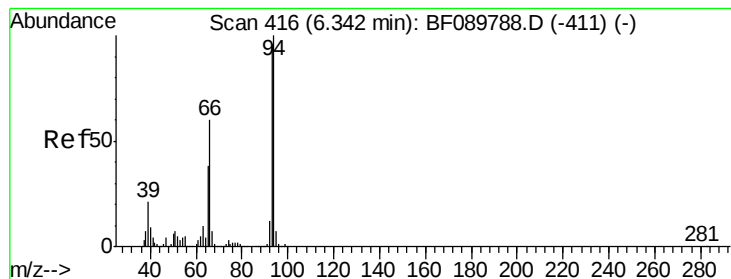


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 1.05 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

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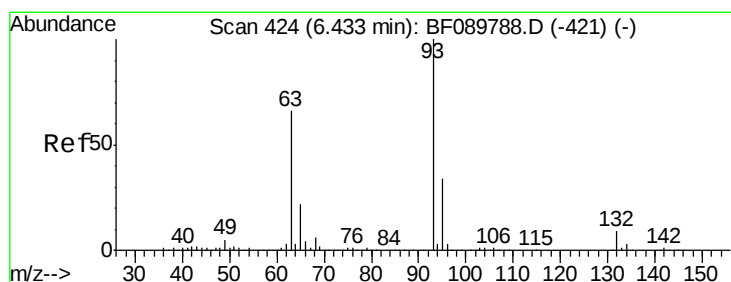
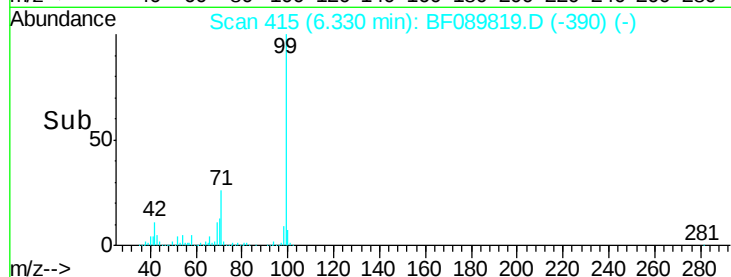
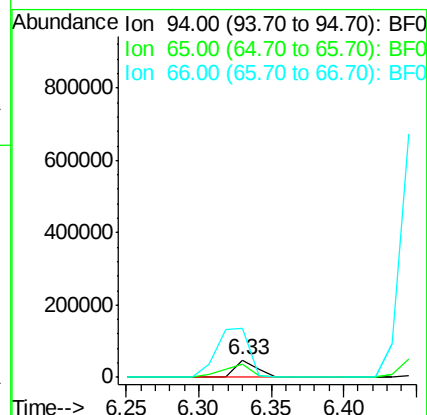
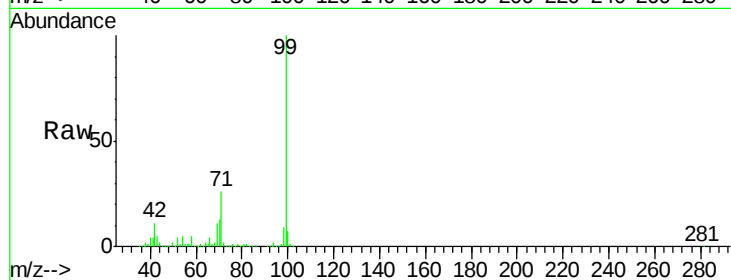
Tgt Ion: 94 Resp: 50709

Ion Ratio Lower Upper

94 100

65 73.5 14.0 54.0#

66 280.2 31.2 71.2#



#11

bis(2-Chloroethyl)ether

Concen: 0.15 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

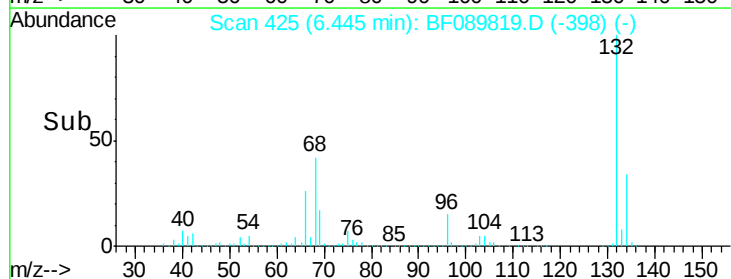
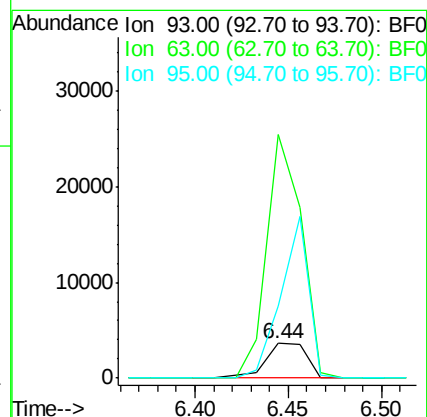
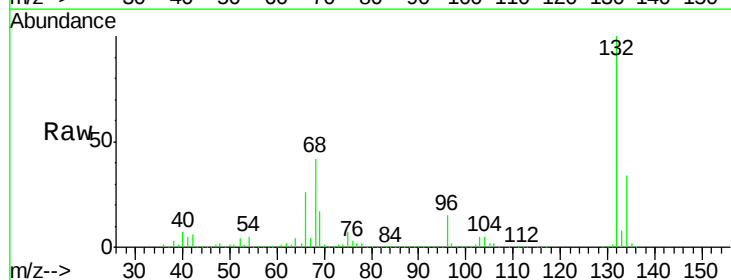
Tgt Ion: 93 Resp: 5519

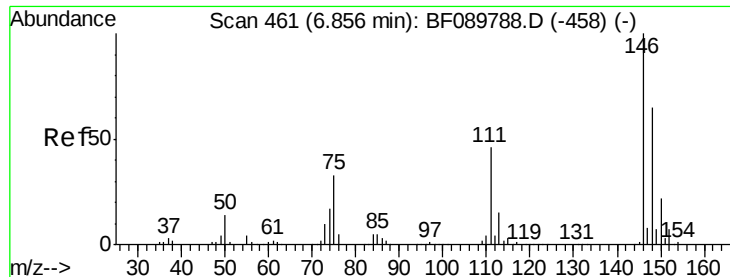
Ion Ratio Lower Upper

93 100

63 699.7 55.8 95.8#

95 206.2 13.0 53.0#





#12

1,3-Dichlorobenzene

Concen: 0.01 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.22 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

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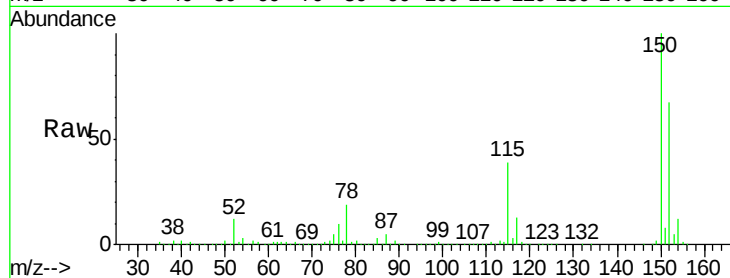
Tgt Ion:146 Resp: 318

Ion Ratio Lower Upper

146 100

148 936.2 51.0 76.4#

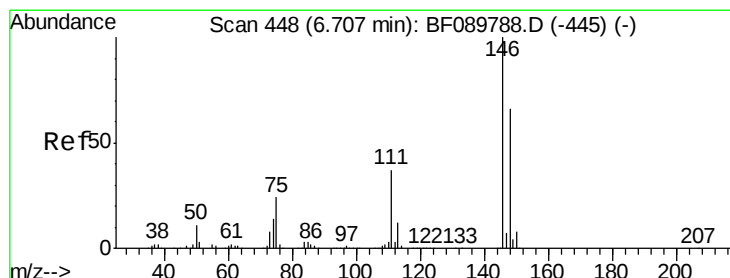
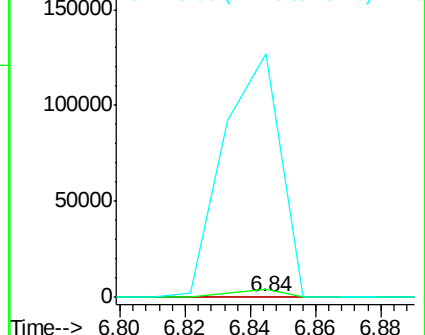
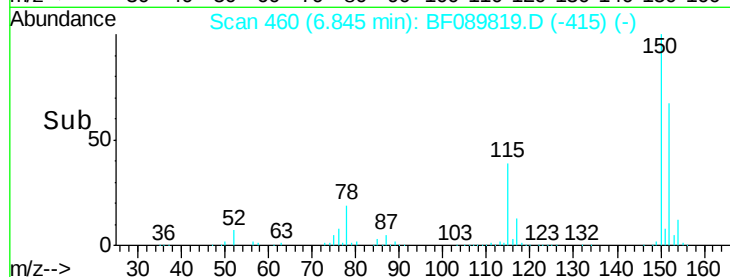
75 27351.7 27.0 40.6#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 0.01 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.14 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

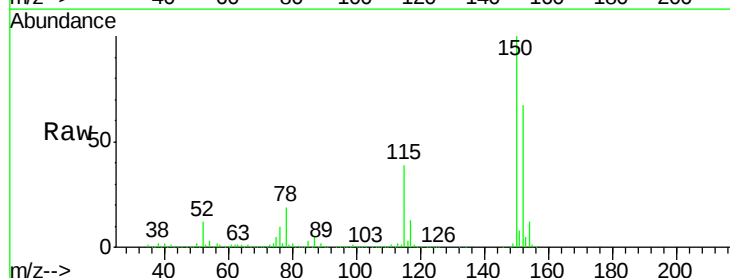
Tgt Ion:146 Resp: 318

Ion Ratio Lower Upper

146 100

148 936.2 51.0 76.6#

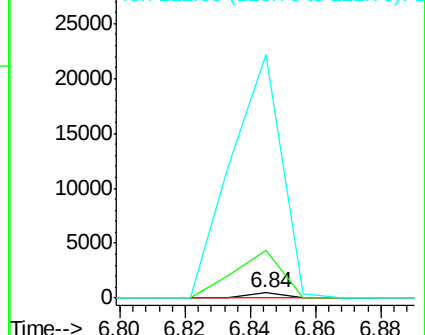
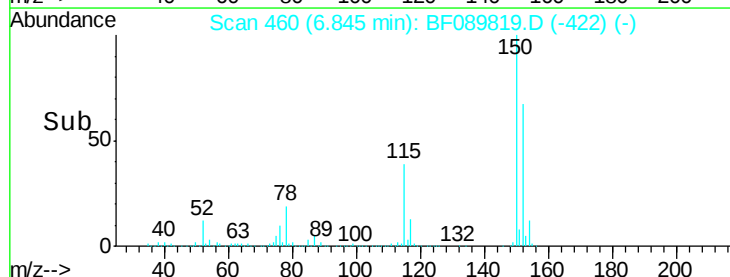
111 4779.3 34.6 52.0#

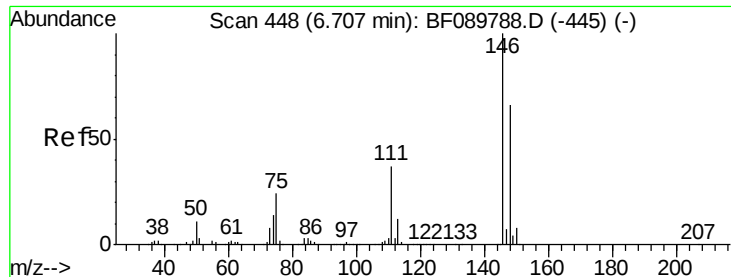


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.01 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

Instrument :

BNA_F

ClientSampleId :

VITALEFILL-MCMPH3-5

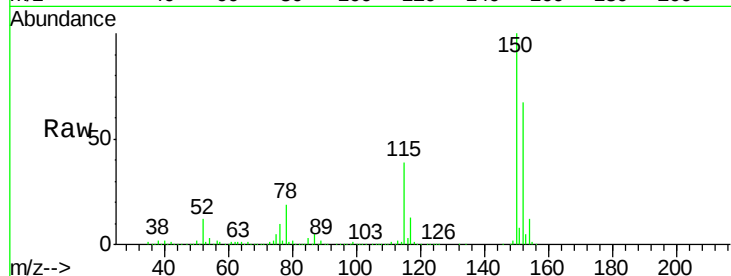
Tgt Ion:146 Resp: 318

Ion Ratio Lower Upper

146 100

148 936.2 52.2 78.2#

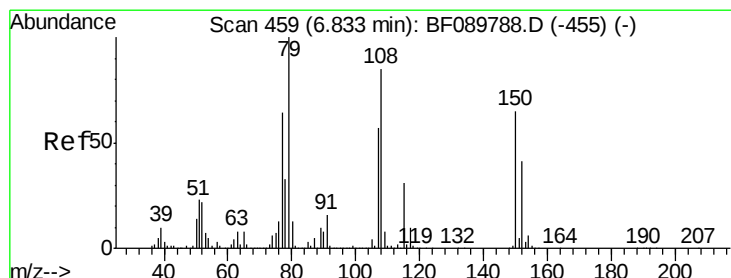
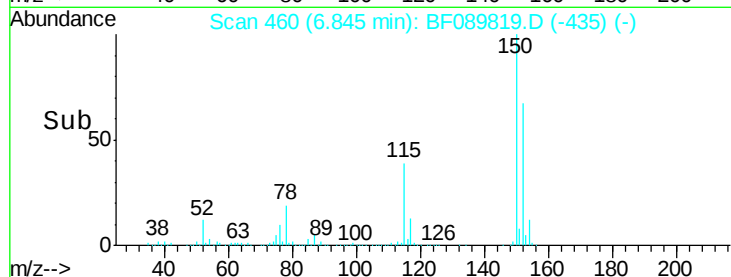
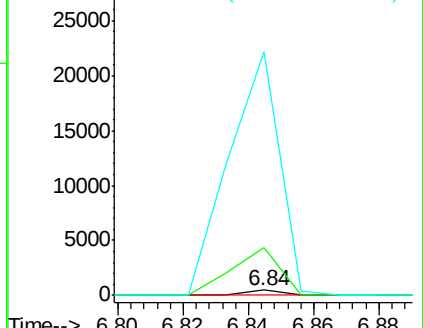
111 4779.3 29.8 44.6#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 1.62 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

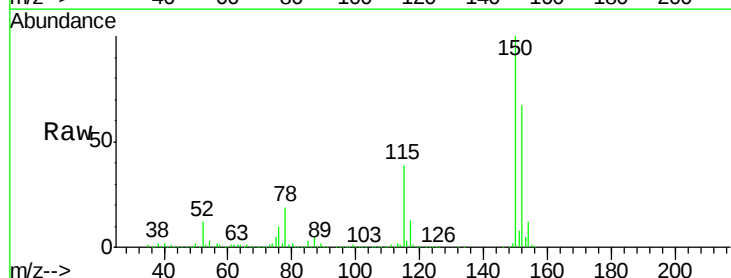
Tgt Ion: 79 Resp: 44116

Ion Ratio Lower Upper

79 100

108 38.7 62.5 93.7#

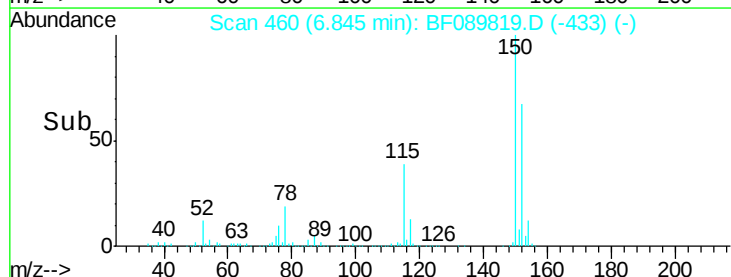
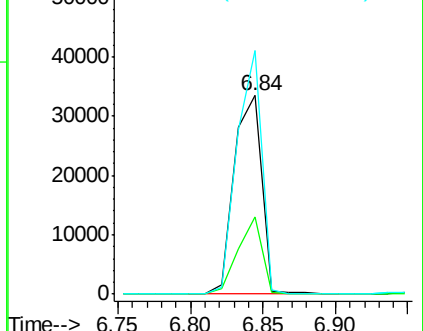
77 122.6 51.5 77.3#

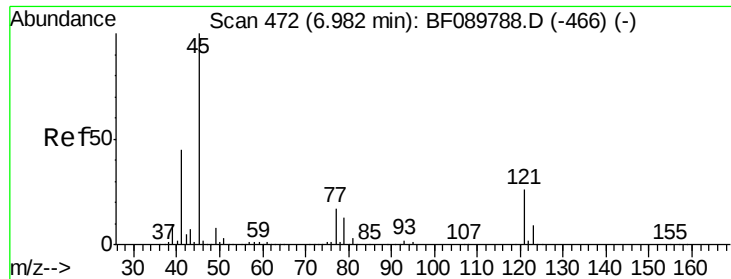


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

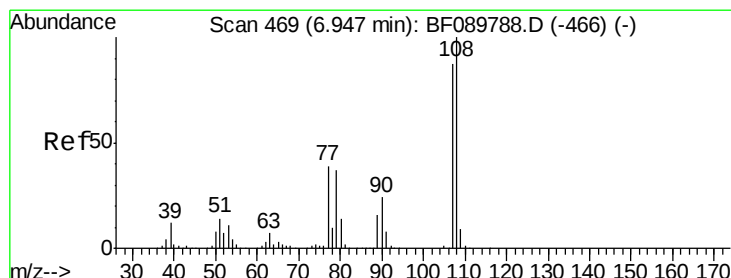
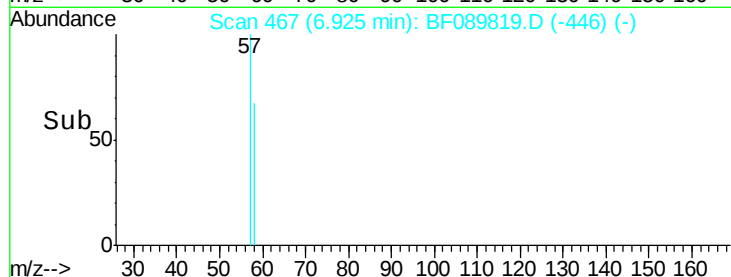
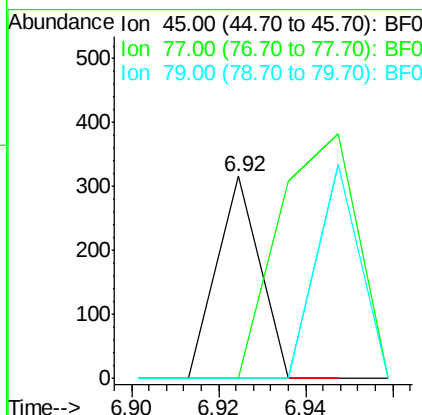
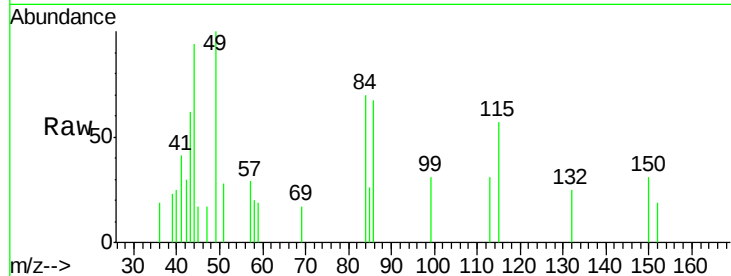




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.00 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.06 min
Lab File: BF089819.D
Acq: 20 Aug 2016 1:45

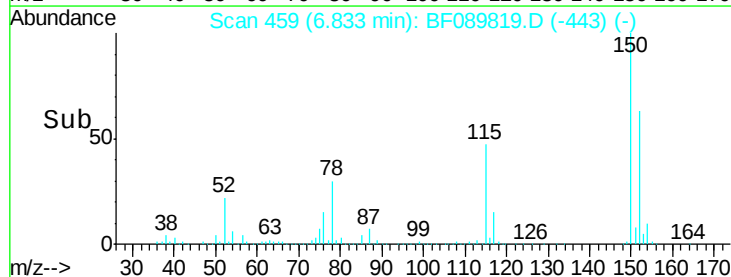
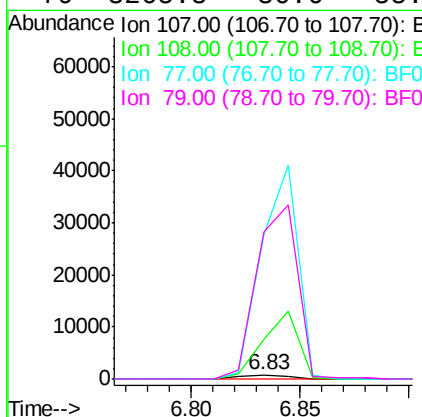
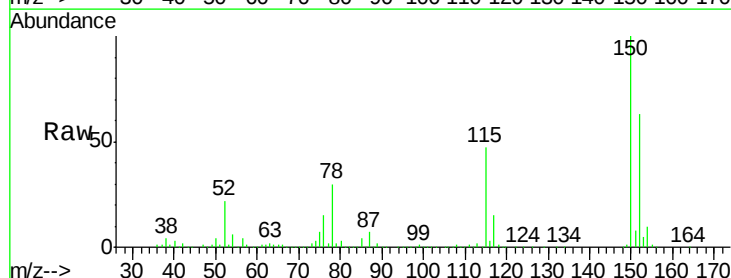
Instrument :
BNA_F
ClientSampleId :
VITALEFILL-MCMPH3-5

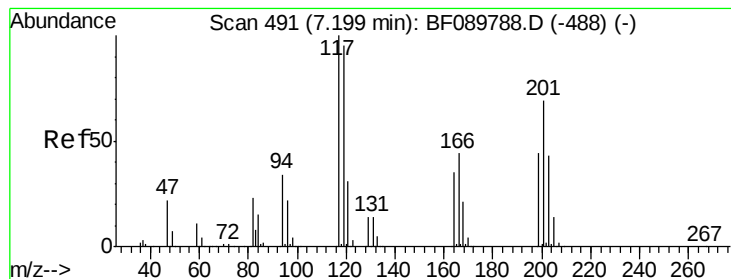
Tgt Ion: 45 Resp: 217
Ion Ratio Lower Upper
45 100
77 0.0 0.0 33.5
79 0.0 0.0 30.7



#17
2-Methylphenol
Concen: 0.04 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.11 min
Lab File: BF089819.D
Acq: 20 Aug 2016 1:45

Tgt Ion: 107 Resp: 1271
Ion Ratio Lower Upper
107 100
108 871.4 91.0 136.4#
77 3212.1 37.4 56.0#
79 3265.8 36.6 55.0#





#18

Hexachloroethane

Concen: 0.02 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.03 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

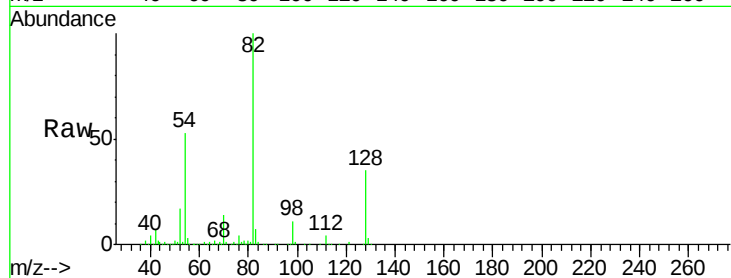
Instrument :

BNA_F

ClientSampleId :

VITALEFILL-MCMPH3-5

Tgt Ion:	117	Resp:	244
Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.1	115.7#
201	0.0	76.9	115.3#



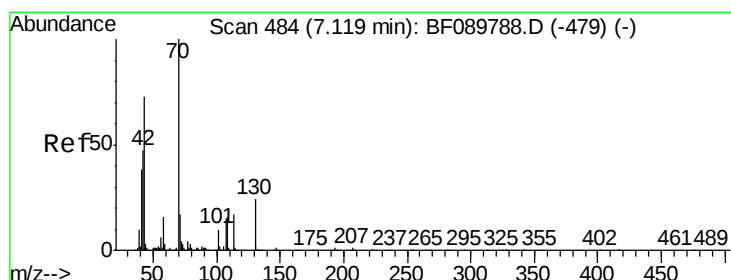
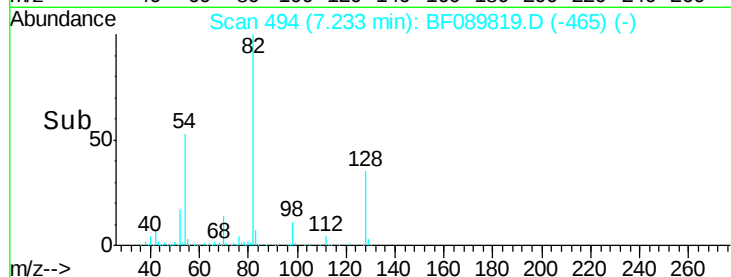
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

7.23

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 12.71 ng

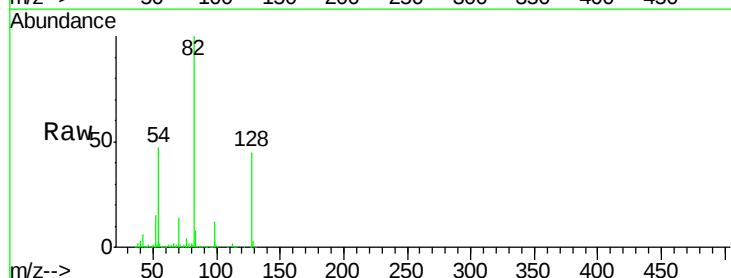
RT: 7.24 min Scan# 495

Delta R.T. 0.13 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

Tgt Ion:	70	Resp:	334204
Ion	Ratio	Lower	Upper
70	100		
42	42.4	46.3	69.5#
101	0.0	7.0	10.6#
130	2.3	14.4	21.6#



Abundance Ion 70.00 (69.70 to 70.70): BF0

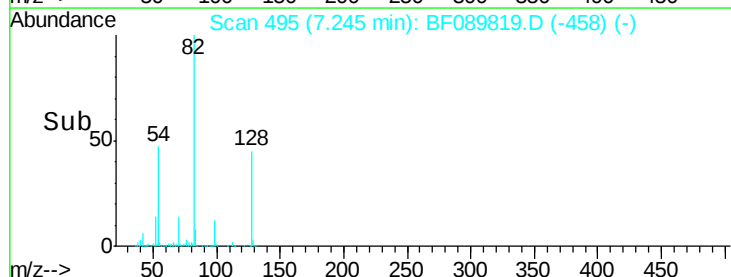
Ion 42.00 (41.70 to 42.70): BF0

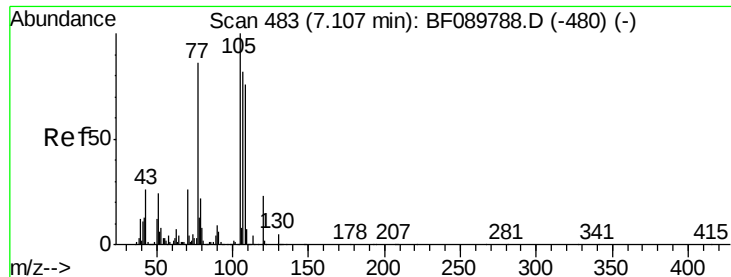
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

7.24

Time-->





#20

3+4-Methylphenols

Concen: 0.02 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

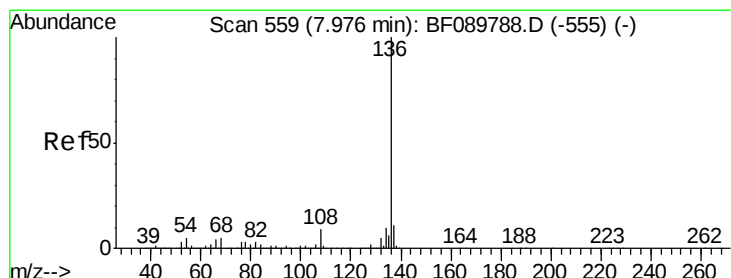
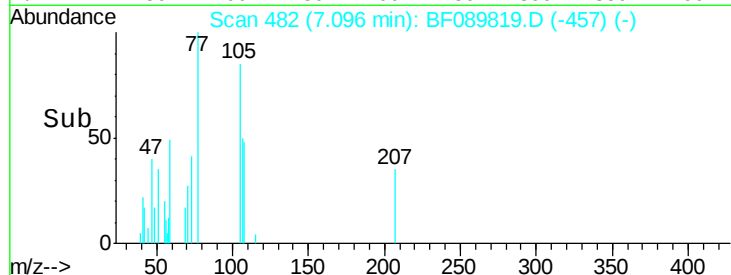
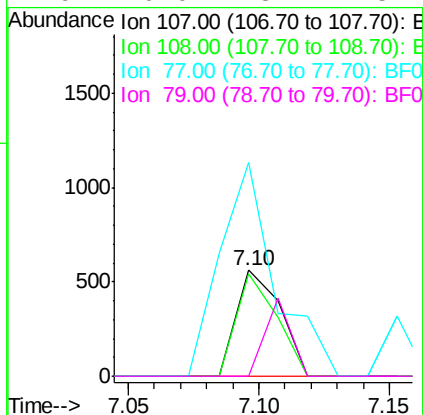
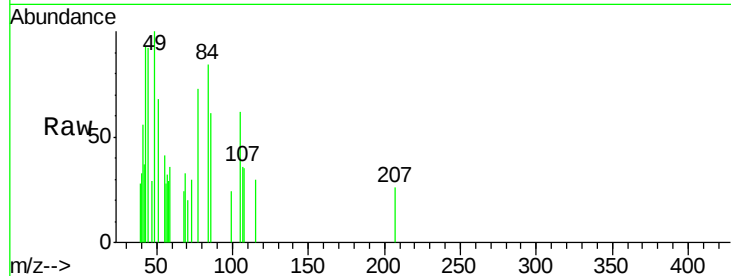
Instrument :

BNA_F

ClientSampleId :

VITALEFILL-MCMPH3-5

Tgt Ion:	107	Resp:	658
Ion	Ratio	Lower	Upper
107	100		
108	96.1	68.2	108.2
77	201.4	122.3	162.3#
79	0.0	8.2	48.2#



#21

Naphthalene-d8

Concen: 20.00 ng

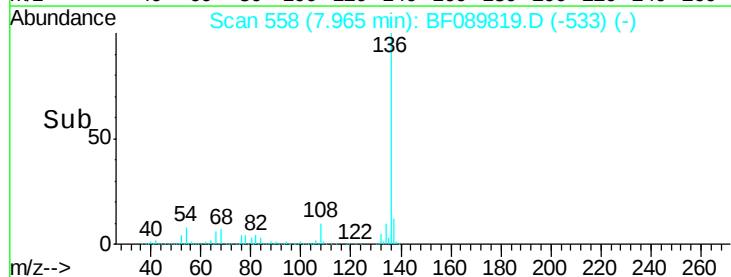
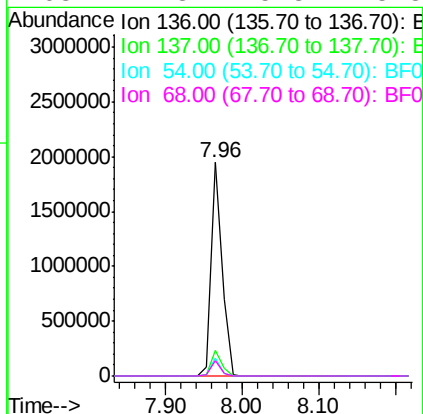
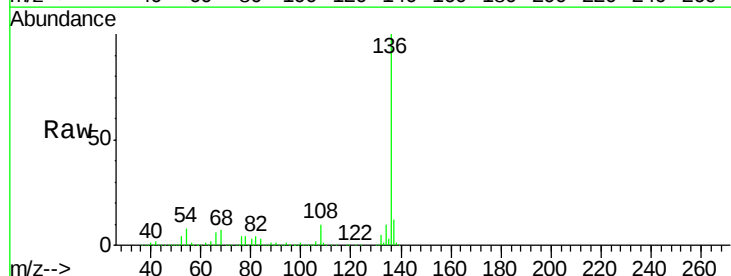
RT: 7.96 min Scan# 558

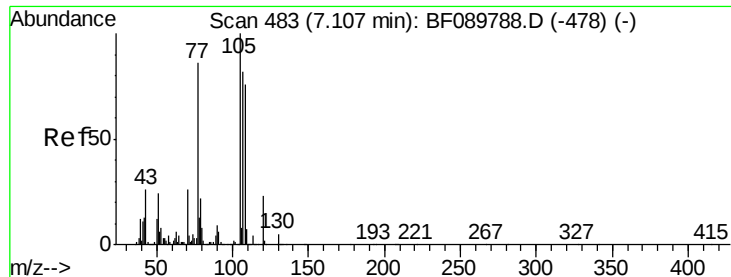
Delta R.T. -0.01 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

Tgt Ion:	136	Resp:	1890743
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	8.1	7.2	10.8
68	7.3	5.8	8.8





#22

Acetophenone

Concen: 0.02 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

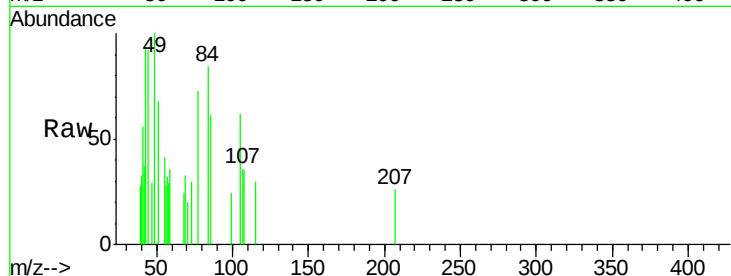
Instrument :

BNA_F

ClientSampleId :

VITALEFILL-MCMPH3-5

Tgt Ion:	105	Resp:	934
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.9	2.9#
51	109.3	28.5	42.7#
120	0.0	16.6	25.0#

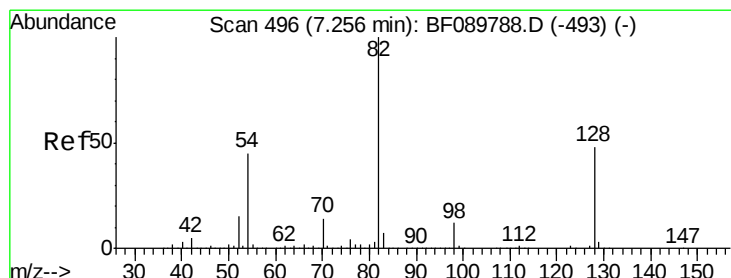
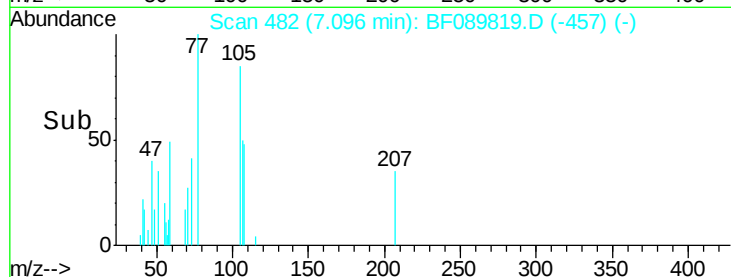
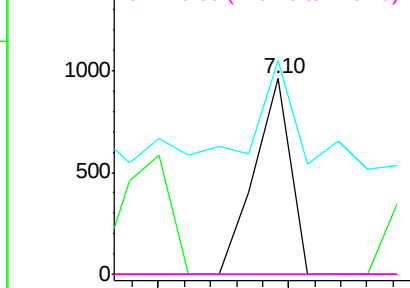


Abundance Ion 105.00 (104.70 to 105.70): E

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: 84.56 ng

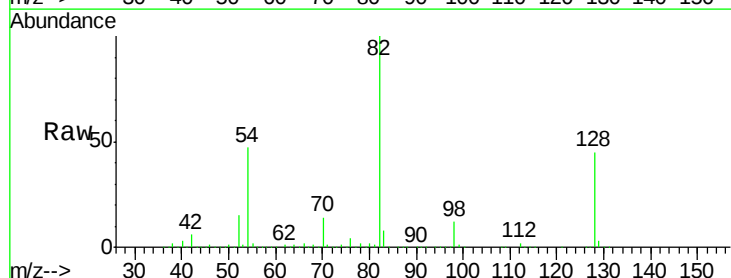
RT: 7.24 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

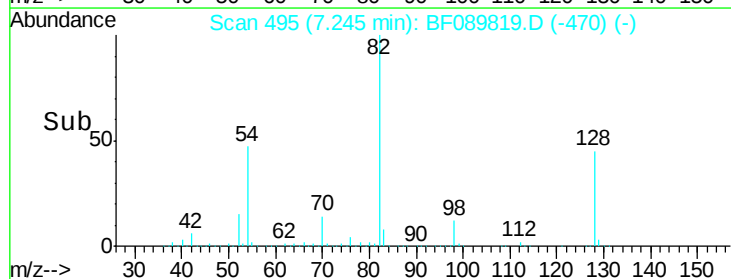
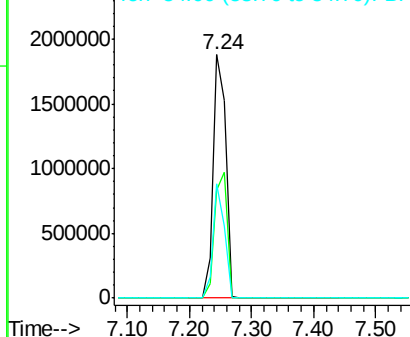
Tgt Ion:	82	Resp:	2573590
Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.4	51.6
54	47.1	40.3	60.5

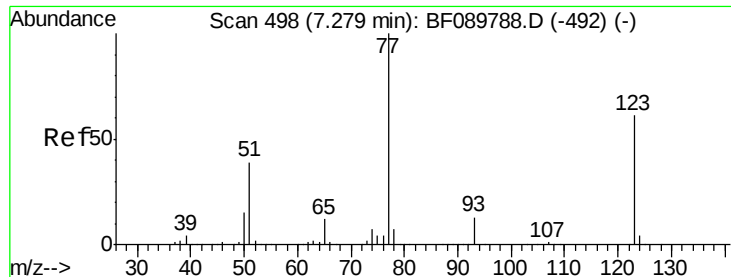


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

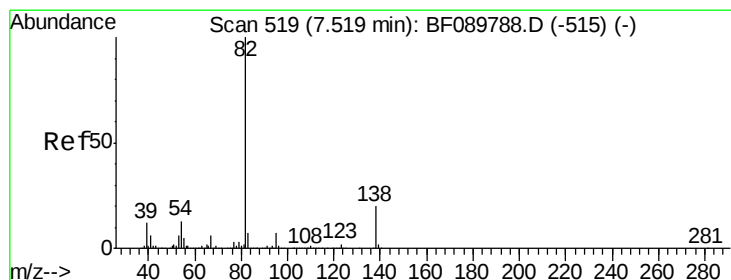
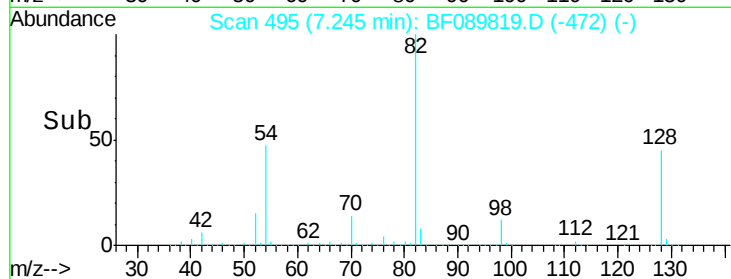
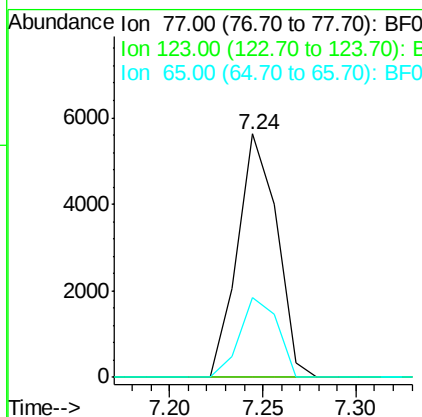
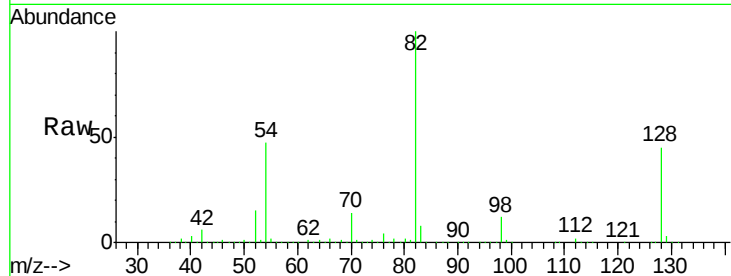




#24
 Nitrobenzene
 Concen: 0.24 ng
 RT: 7.24 min Scan# 495
 Delta R.T. -0.03 min
 Lab File: BF089819.D
 Acq: 20 Aug 2016 1:45

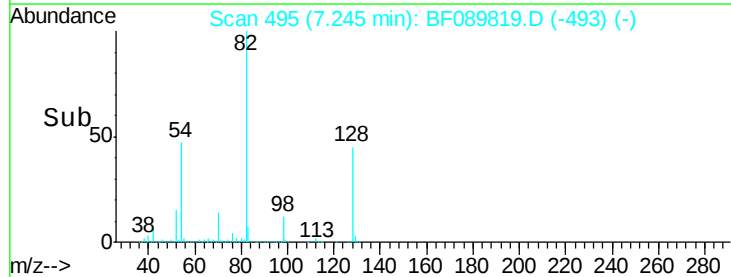
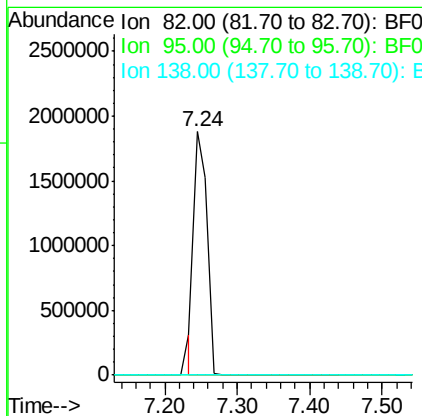
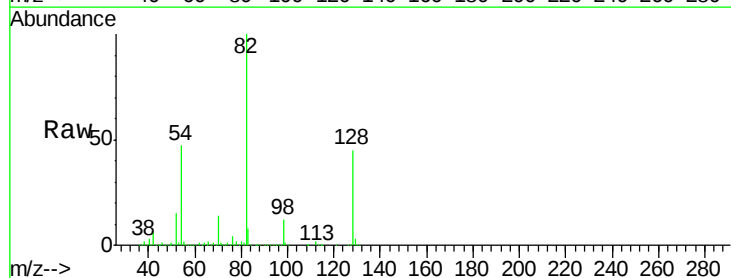
Instrument :
 BNA_F
 ClientSampleId :
 VITALEFILL-MCMPH3-5

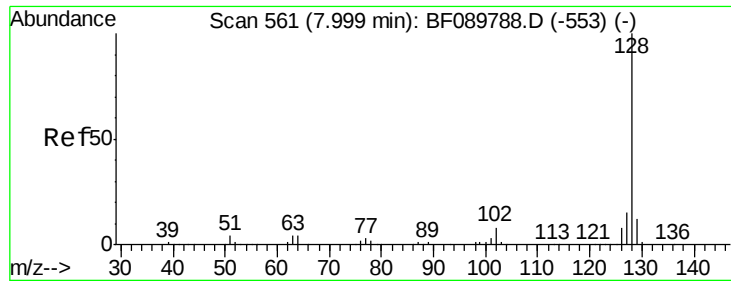
Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	36.2	54.2#
65	32.6	10.6	15.8#



#25
 Isophorone
 Concen: 38.27 ng
 RT: 7.24 min Scan# 495
 Delta R.T. -0.27 min
 Lab File: BF089819.D
 Acq: 20 Aug 2016 1:45

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.0	19.4#

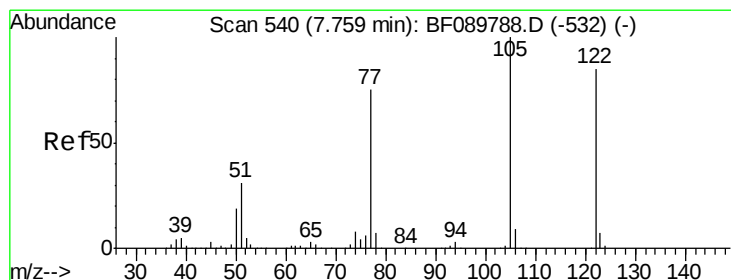
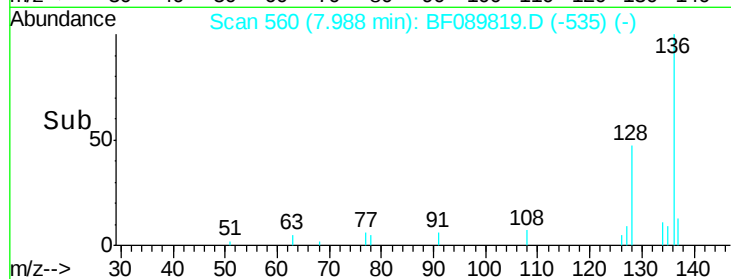
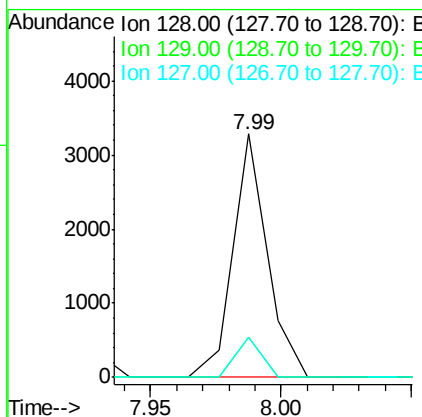
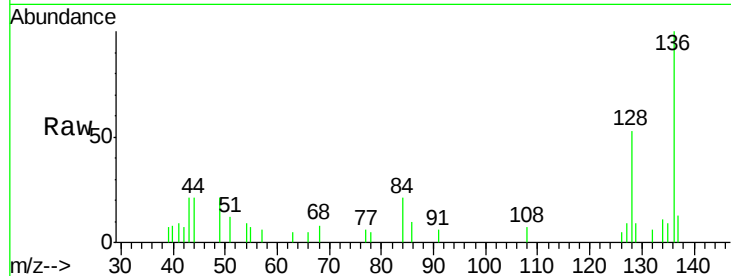




#31
Naphthalene
Concen: 0.03 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF089819.D
Acq: 20 Aug 2016 1:45

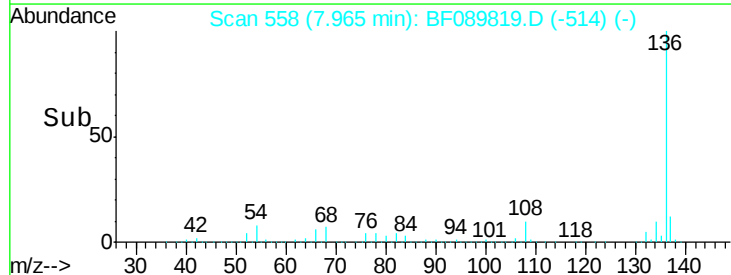
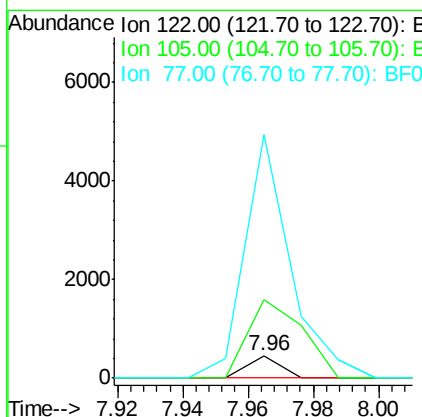
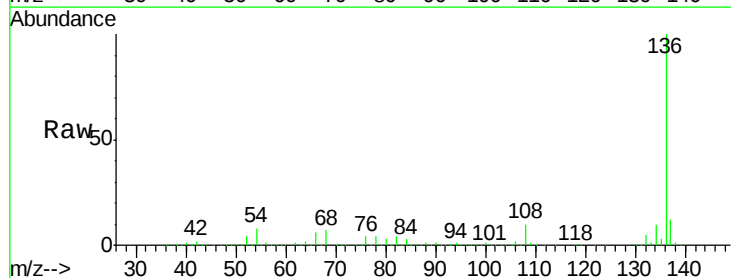
Instrument :
BNA_F
ClientSampleId :
VITALEFILL-MCMPH3-5

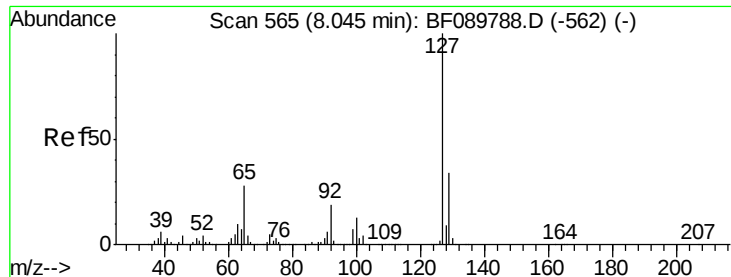
Tgt Ion:128 Resp: 3024
Ion Ratio Lower Upper
128 100
129 16.5 9.5 14.3#
127 16.4 11.3 16.9



#32
Benzoic acid
Concen: 0.01 ng
RT: 7.96 min Scan# 558
Delta R.T. 0.21 min
Lab File: BF089819.D
Acq: 20 Aug 2016 1:45

Tgt Ion:122 Resp: 314
Ion Ratio Lower Upper
122 100
105 348.1 100.8 140.8#
77 1081.6 72.1 112.1#

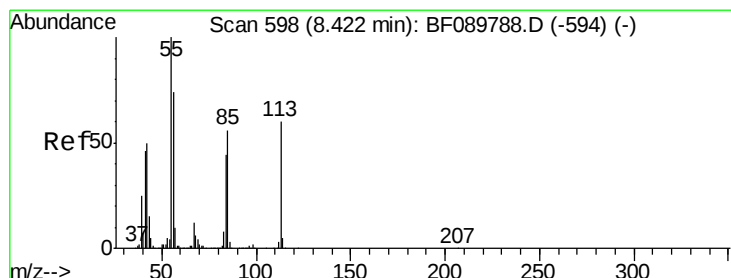
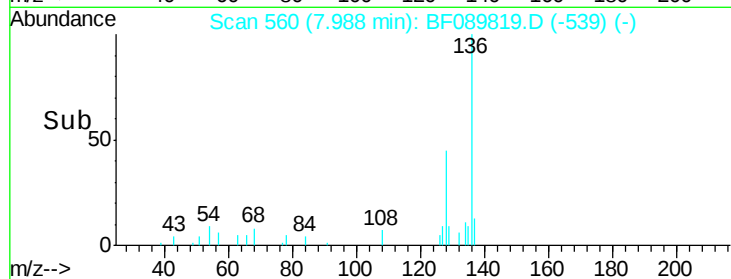
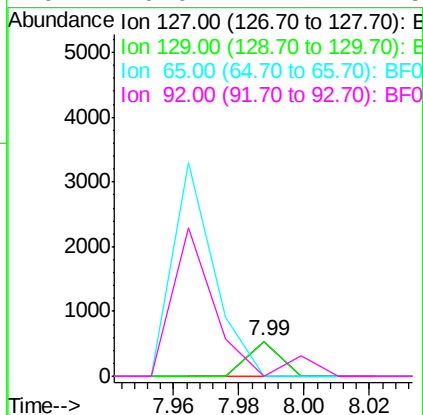
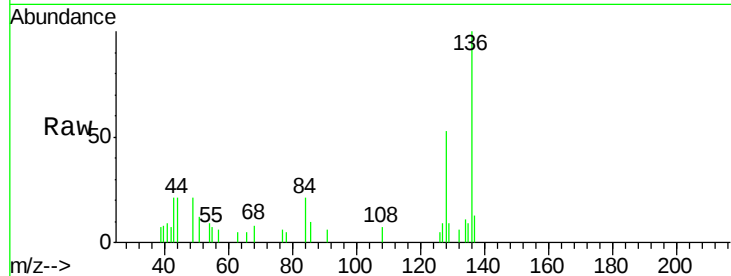




#33
4-Chloroaniline
Concen: 0.01 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.06 min
Lab File: BF089819.D
Acq: 20 Aug 2016 1:45

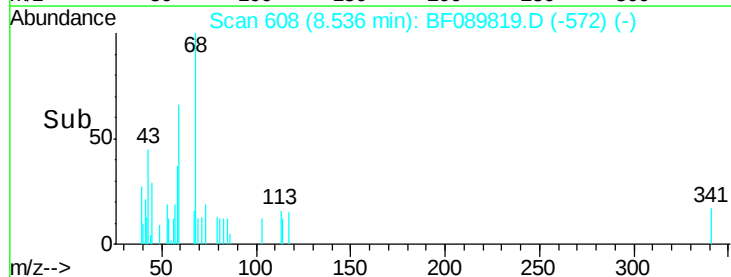
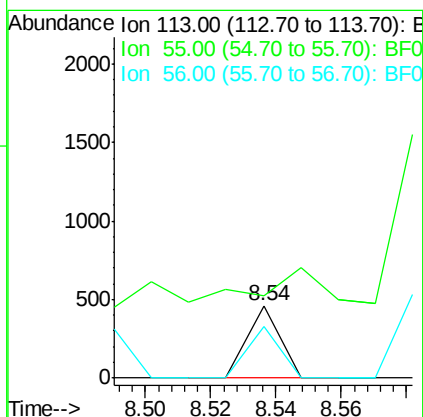
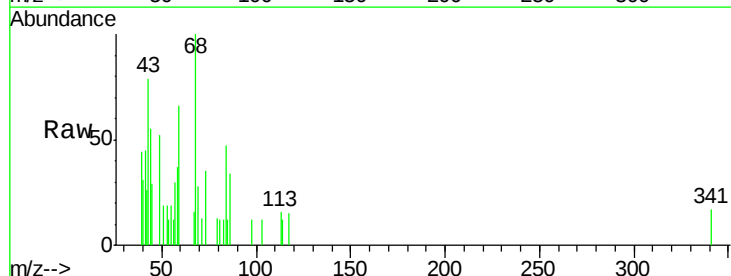
Instrument :
BNA_F
ClientSampleId :
VITALEFILL-MCMPH3-5

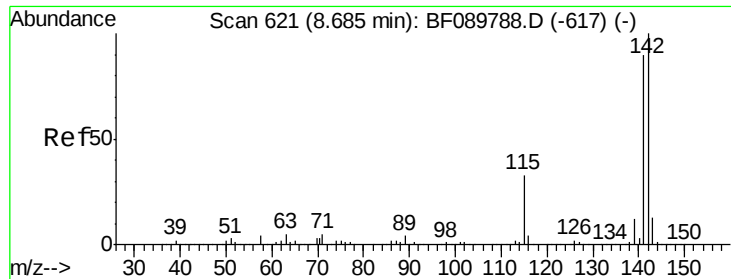
Tgt Ion:	127	Resp:	370
Ion	Ratio	Lower	Upper
127	100		
129	100.2	27.0	40.6#
65	0.0	14.7	22.1#
92	0.0	11.7	17.5#



#35
Caprolactam
Concen: 0.04 ng
RT: 8.54 min Scan# 608
Delta R.T. 0.11 min
Lab File: BF089819.D
Acq: 20 Aug 2016 1:45

Tgt Ion:	113	Resp:	315
Ion	Ratio	Lower	Upper
113	100		
55	114.6	135.9	175.9#
56	71.1	93.9	133.9#

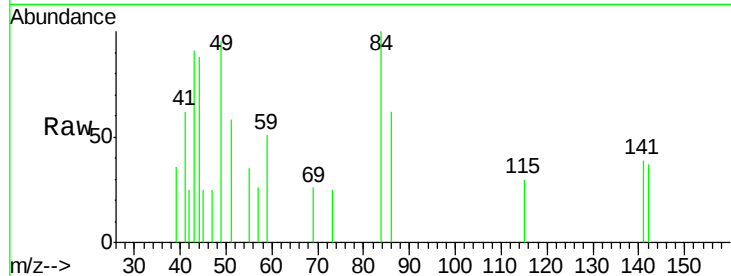




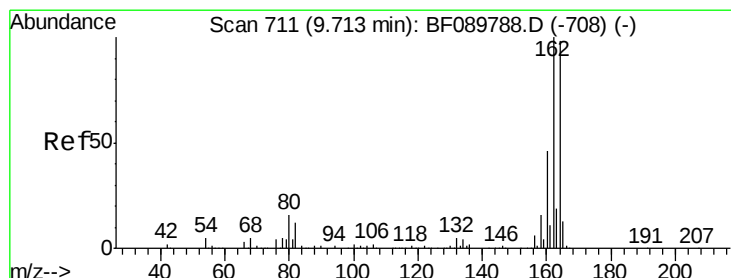
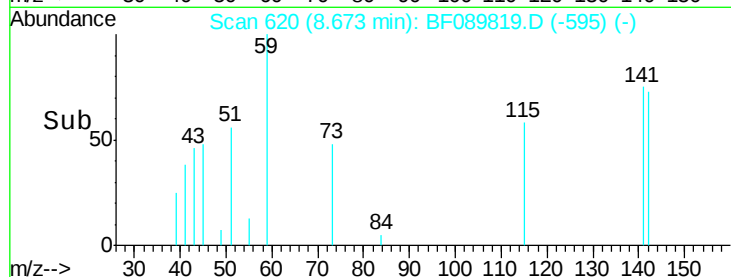
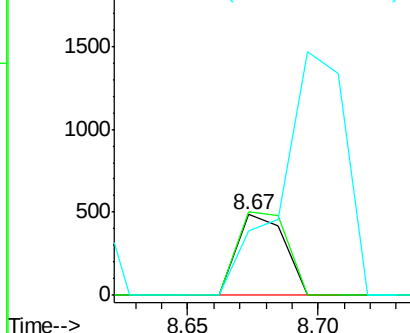
#37
 2-Methylnaphthalene
 Concen: 0.01 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF089819.D
 Acq: 20 Aug 2016 1:45

Instrument :
 BNA_F
 ClientSampleId :
 VITALEFILL-MCMPH3-5

Tgt Ion:142 Resp: 620
 Ion Ratio Lower Upper
 142 100
 141 103.5 71.4 107.2
 115 79.6 22.7 34.1#

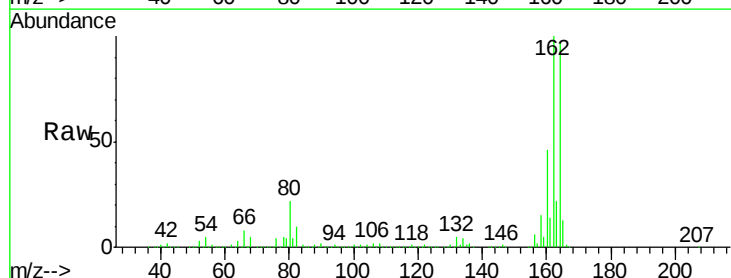


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

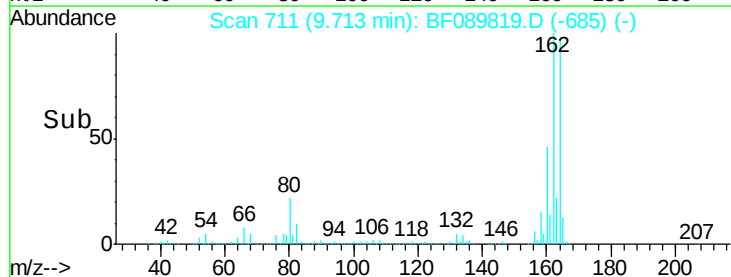
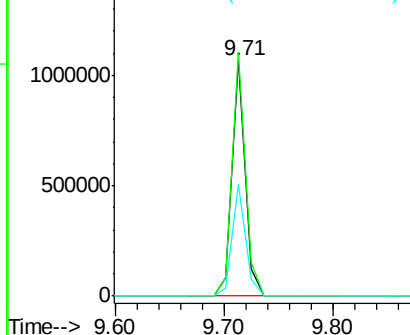


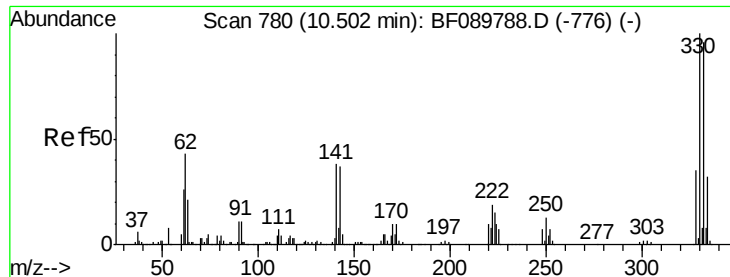
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF089819.D
 Acq: 20 Aug 2016 1:45

Tgt Ion:164 Resp: 878172
 Ion Ratio Lower Upper
 164 100
 162 103.3 81.4 122.2
 160 47.4 37.8 56.6



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

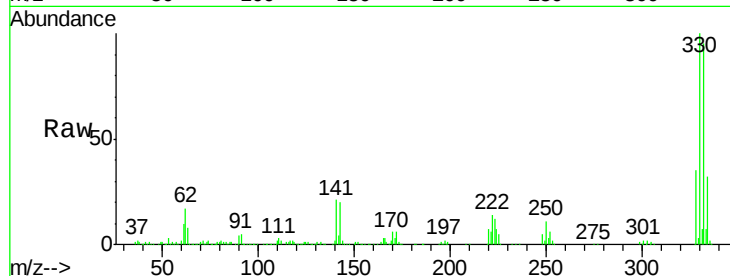




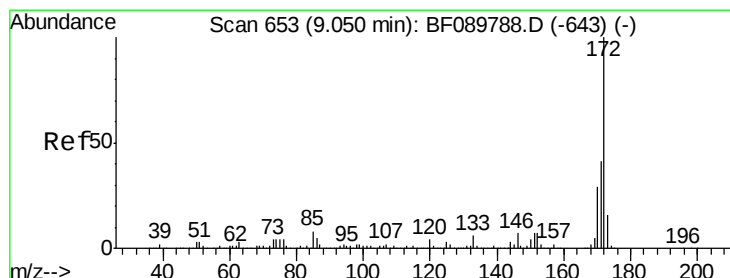
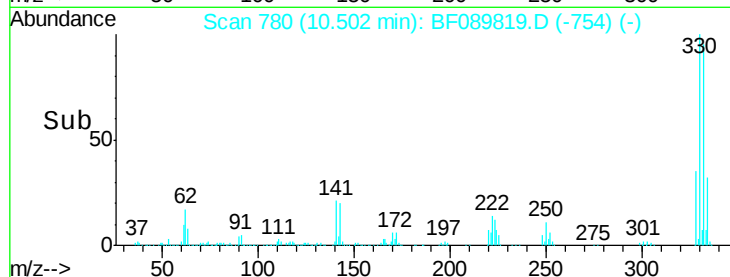
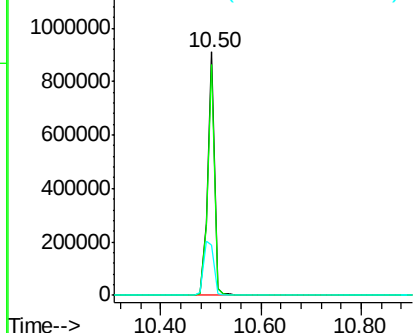
#41
 2,4,6-Tribromophenol
 Concen: 101.88 ng
 RT: 10.50 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF089819.D
 Acq: 20 Aug 2016 1:45

Instrument :
 BNA_F
 ClientSampleId :
 VITALEFILL-MCMPH3-5

Tgt Ion:330 Resp: 850226
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.7 115.1
 141 33.8 30.2 45.2

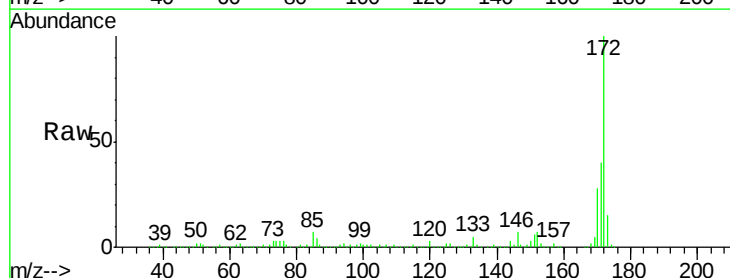


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

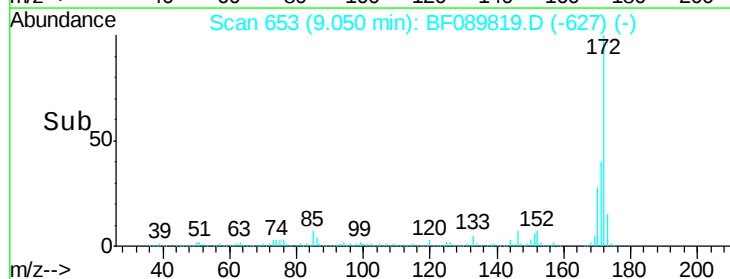
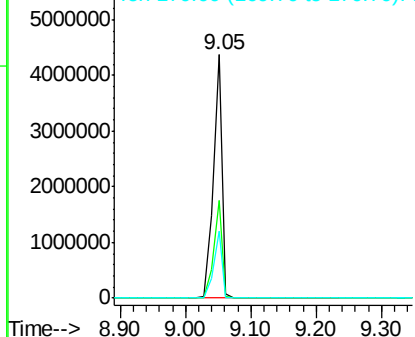


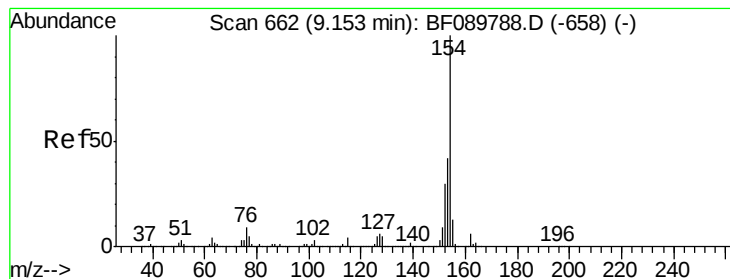
#44
 2-Fluorobiphenyl
 Concen: 82.36 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089819.D
 Acq: 20 Aug 2016 1:45

Tgt Ion:172 Resp: 4114951
 Ion Ratio Lower Upper
 172 100
 171 40.0 30.5 45.7
 170 27.6 20.6 31.0



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





#45

1,1'-Biphenyl

Concen: 0.00 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

Instrument :

BNA_F

ClientSampleId :

VITALEFILL-MCMPH3-5

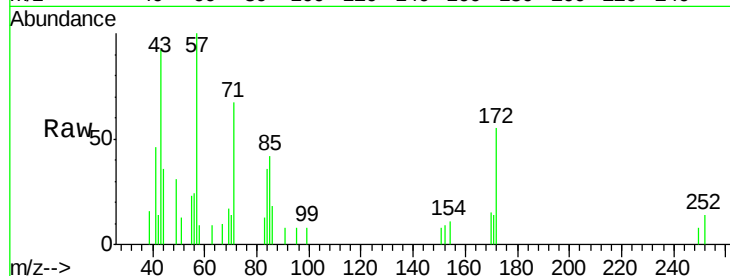
Tgt Ion:154 Resp: 296

Ion Ratio Lower Upper

154 100

153 0.0 21.5 61.5#

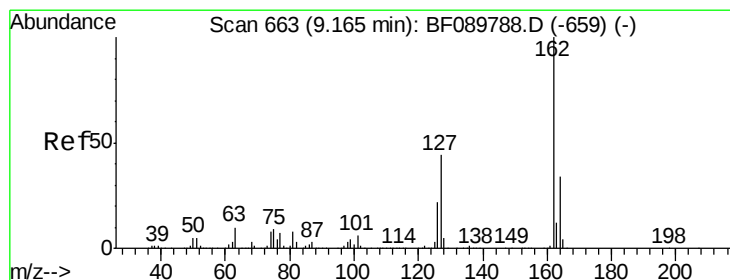
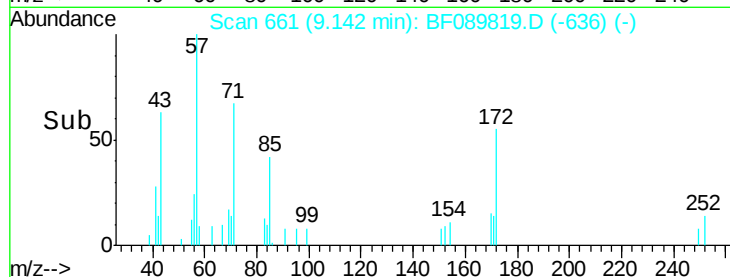
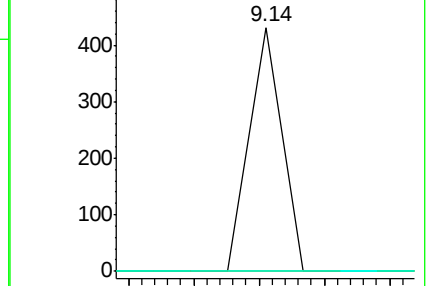
76 0.0 0.0 36.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BFO



#46

2-Chloronaphthalene

Concen: 0.01 ng

RT: 9.12 min Scan# 659

Delta R.T. -0.05 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

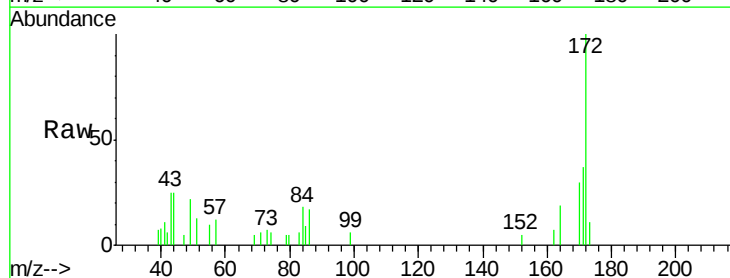
Tgt Ion:162 Resp: 280

Ion Ratio Lower Upper

162 100

127 0.0 35.5 53.3#

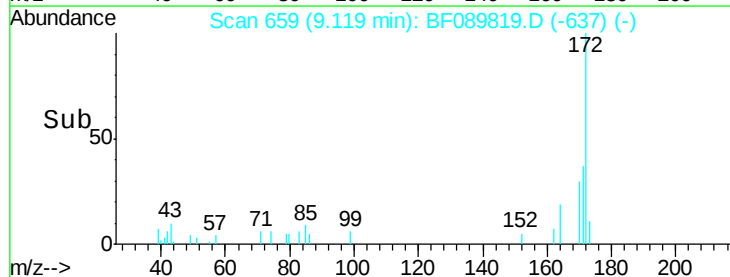
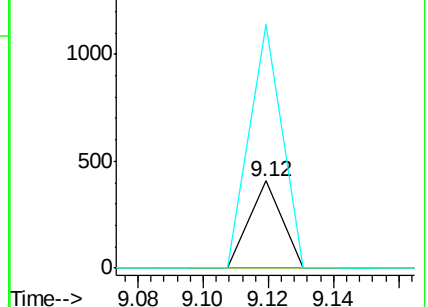
164 279.2 26.6 40.0#

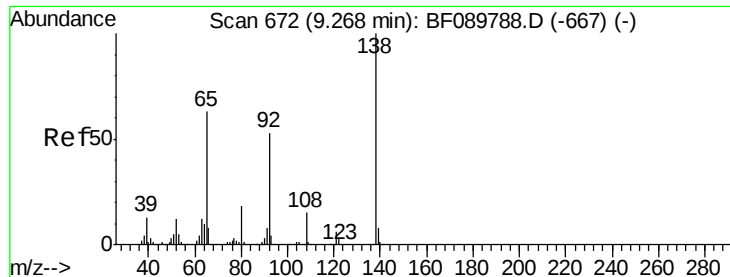


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

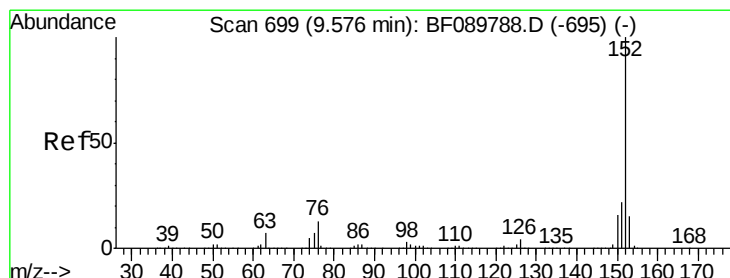
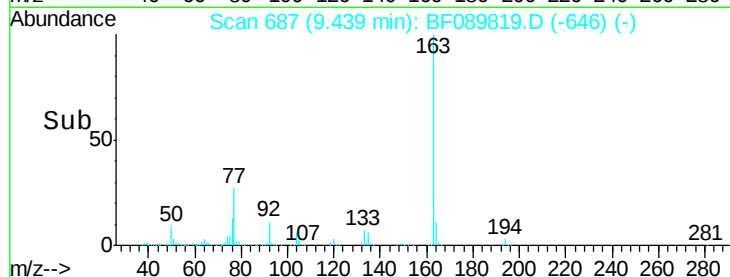
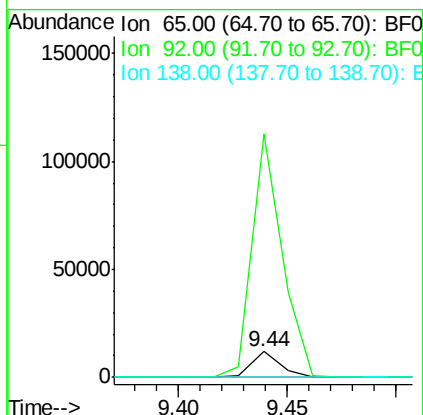
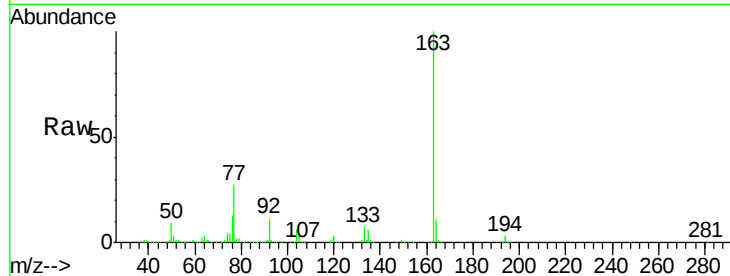




#47
2-Nitroaniline
Concen: 0.72 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.17 min
Lab File: BF089819.D
Acq: 20 Aug 2016 1:45

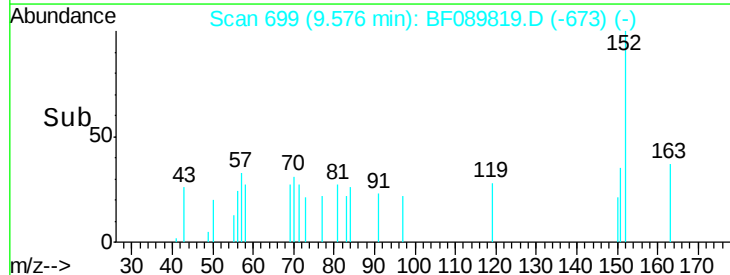
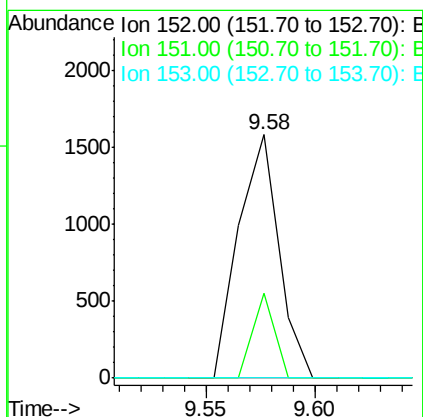
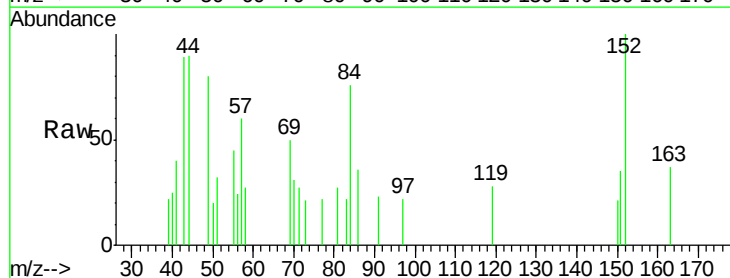
Instrument :
BNA_F
ClientSampleId :
VITALEFILL-MCMPH3-5

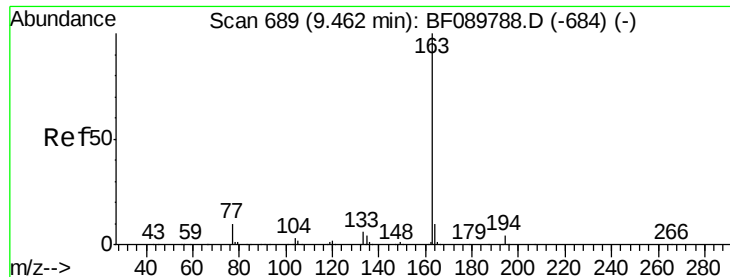
Tgt Ion: 65 Resp: 11106
Ion Ratio Lower Upper
65 100
92 944.5 56.3 84.5#
138 0.0 81.8 122.8#



#48
Acenaphthylene
Concen: 0.03 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF089819.D
Acq: 20 Aug 2016 1:45

Tgt Ion: 152 Resp: 2040
Ion Ratio Lower Upper
152 100
151 34.8 17.1 25.7#
153 0.0 11.2 16.8#





#49

Dimethylphthalate

Concen: 20.61 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

Instrument :

BNA_F

ClientSampleId :

VITALEFILL-MCMPH3-5

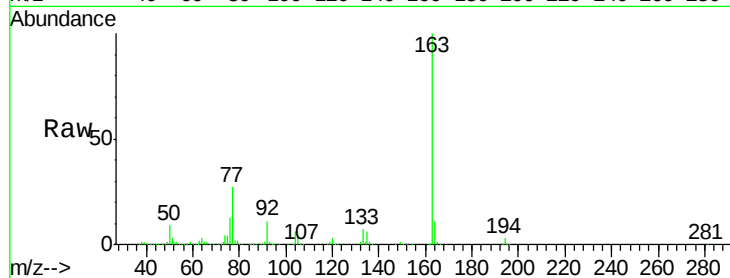
Tgt Ion:163 Resp: 1274197

Ion Ratio Lower Upper

163 100

194 2.9 2.6 3.8

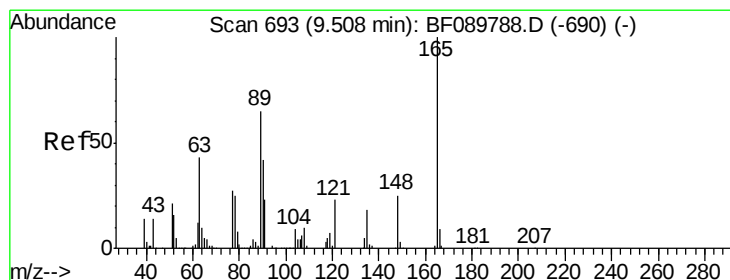
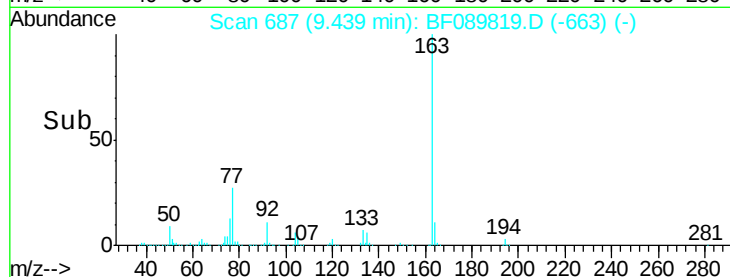
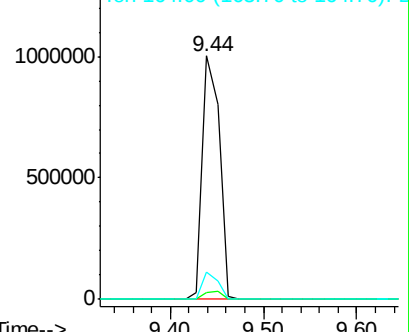
164 11.2 8.6 12.8



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: 0.94 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.07 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

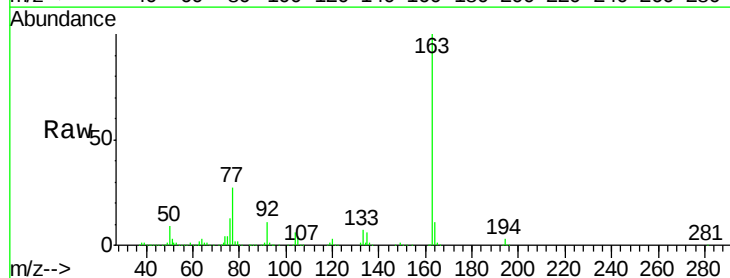
Tgt Ion:165 Resp: 13484

Ion Ratio Lower Upper

165 100

63 166.2 41.7 62.5#

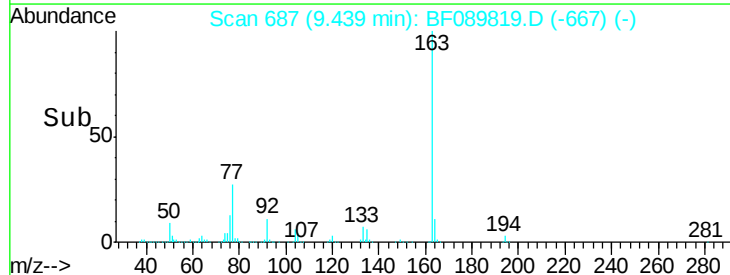
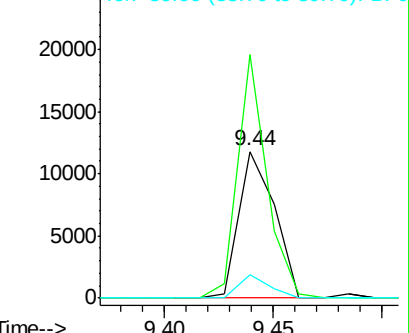
89 15.9 44.6 67.0#

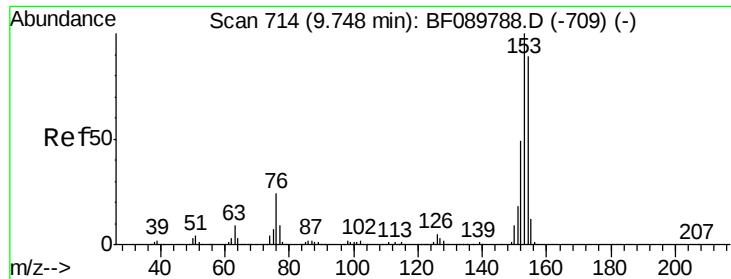


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.07 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.03 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

Instrument :

BNA_F

ClientSampleId :

VITALEFILL-MCMPH3-5

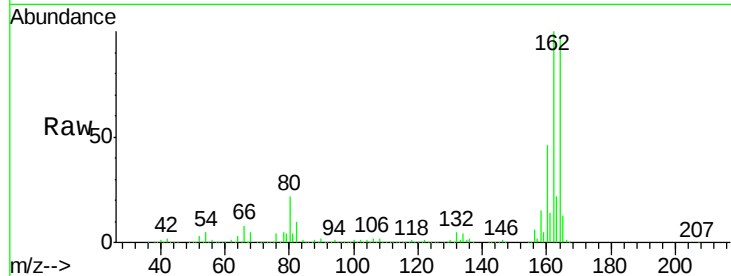
Tgt Ion:154 Resp: 3717

Ion Ratio Lower Upper

154 100

153 0.0 90.5 135.7#

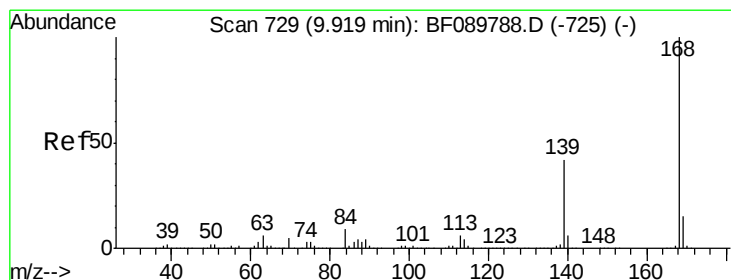
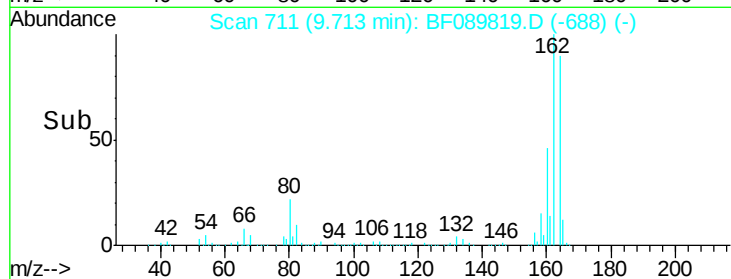
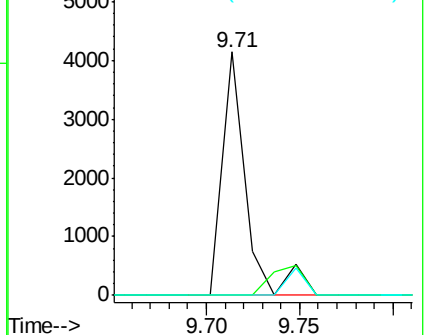
152 0.0 44.6 67.0#



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



#54

Dibenzofuran

Concen: 0.02 ng

RT: 9.92 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

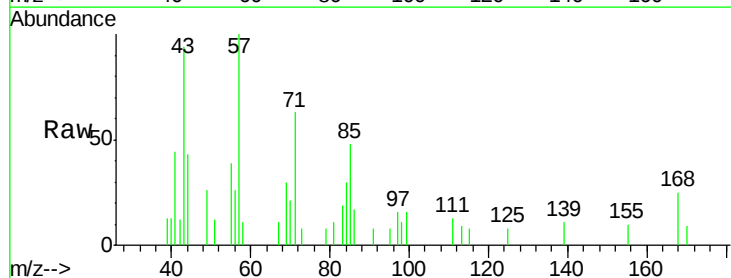
Tgt Ion:168 Resp: 1137

Ion Ratio Lower Upper

168 100

139 44.1 34.6 52.0

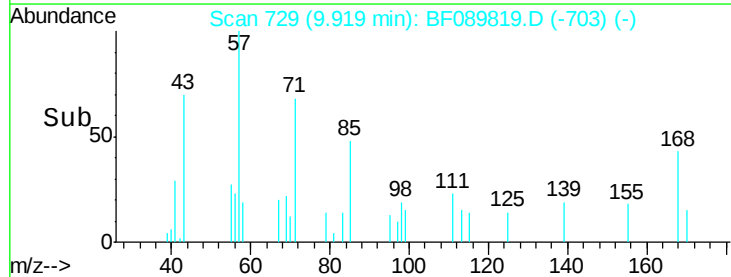
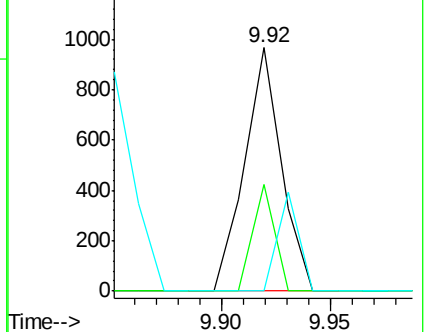
169 0.0 11.5 17.3#

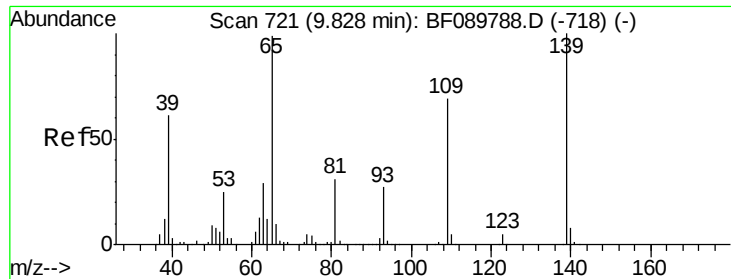


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 0.02 ng

RT: 9.92 min Scan# 729

Delta R.T. 0.09 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

Instrument :

BNA_F

ClientSampleId :

VITALEFILL-MCMPH3-5

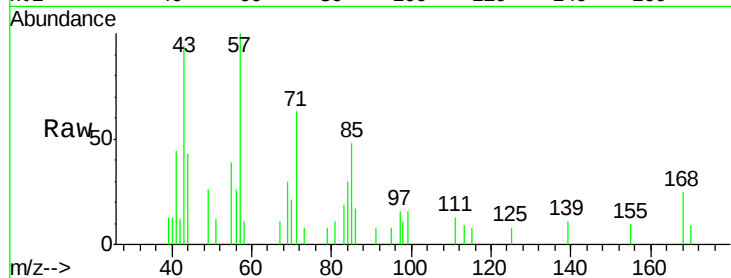
Tgt Ion:139 Resp: 292

Ion Ratio Lower Upper

139 100

109 0.0 43.0 83.0#

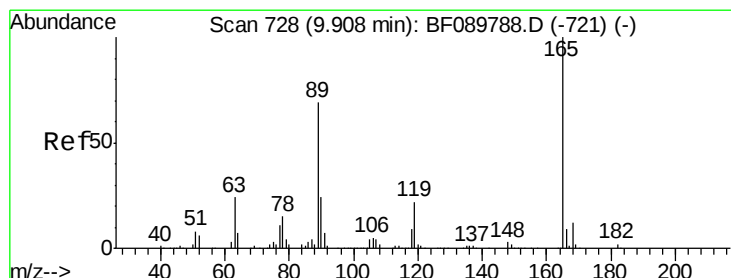
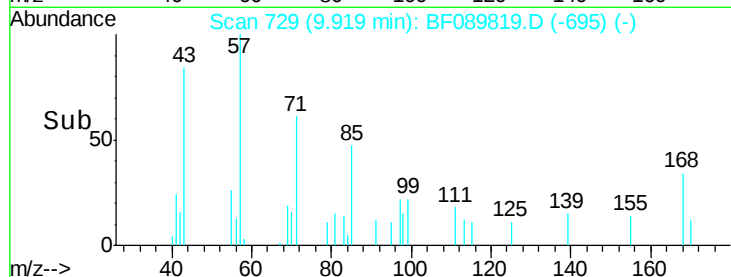
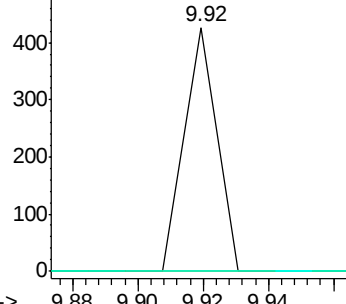
65 0.0 55.7 95.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 6.26 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.19 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

Tgt Ion:165 Resp: 115978

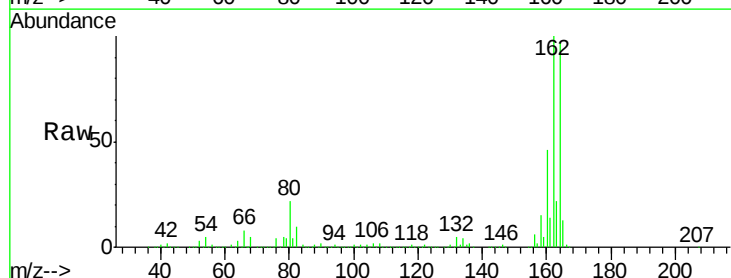
Ion Ratio Lower Upper

165 100

63 1.1 23.7 35.5#

89 1.4 44.0 66.0#

182 0.0 2.0 3.0#

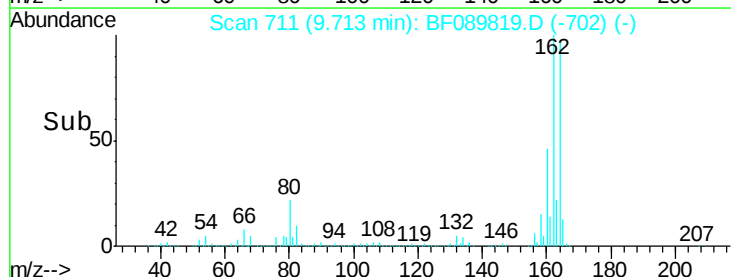
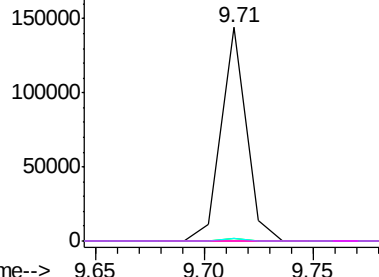


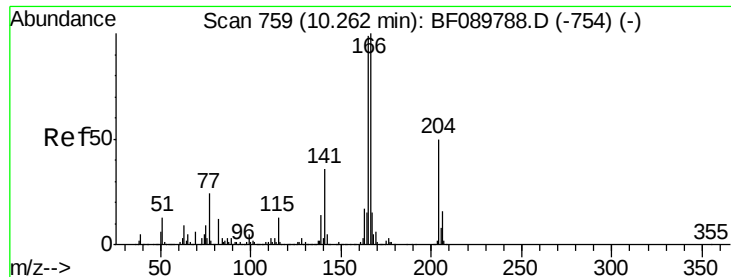
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 0.75 ng

RT: 10.50 min Scan# 780

Delta R.T. 0.24 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

Instrument :

BNA_F

ClientSampleId :

VITALEFILL-MCMPH3-5

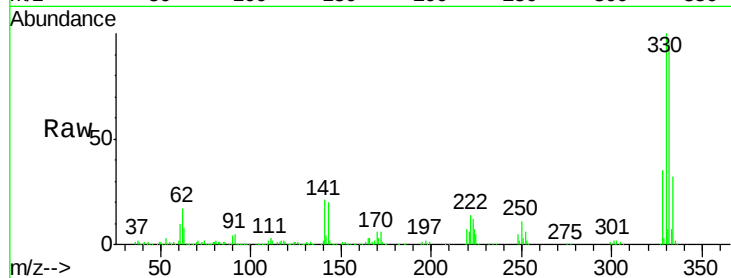
Tgt Ion:166 Resp: 40077

Ion Ratio Lower Upper

166 100

165 101.8 80.2 120.4

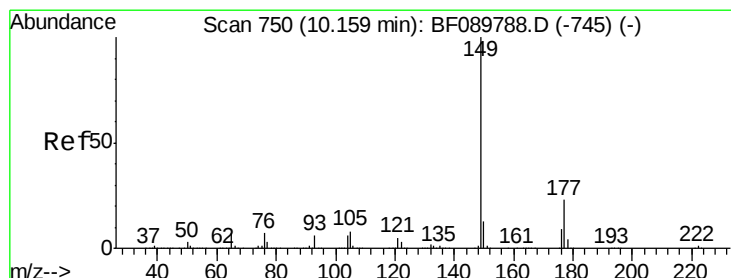
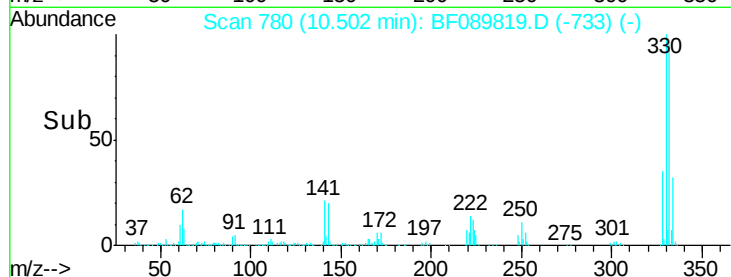
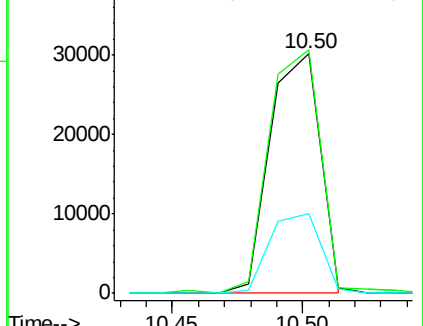
167 33.6 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 0.10 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

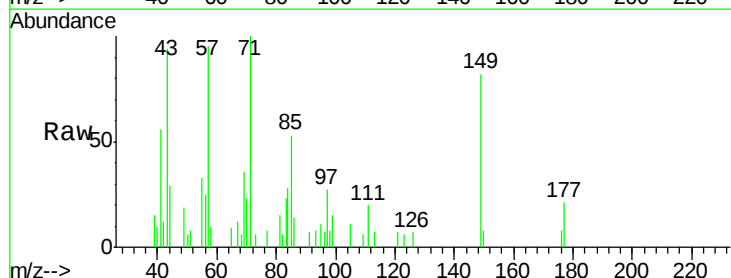
Tgt Ion:149 Resp: 6172

Ion Ratio Lower Upper

149 100

177 26.0 16.6 25.0#

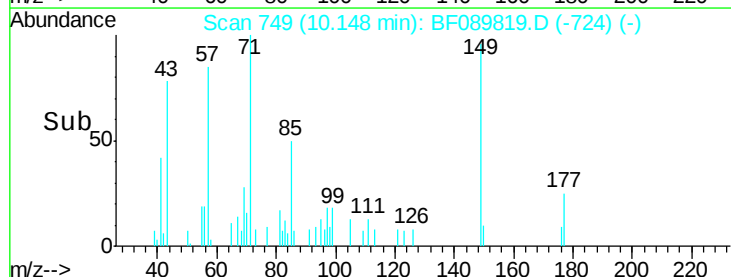
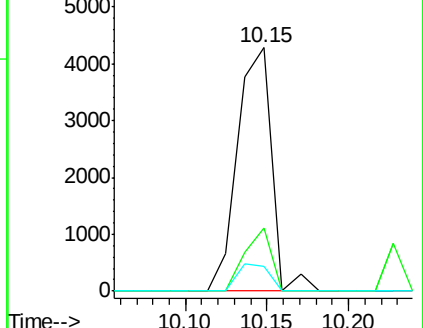
150 9.9 10.5 15.7#

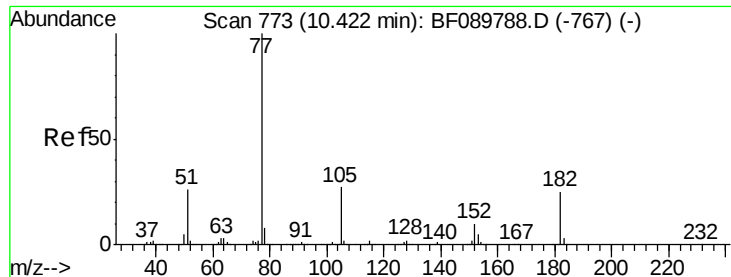


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.02 ng

RT: 10.42 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

Instrument :

BNA_F

ClientSampleId :

VITALEFILL-MCMPH3-5

Tgt Ion: 77 Resp: 1143

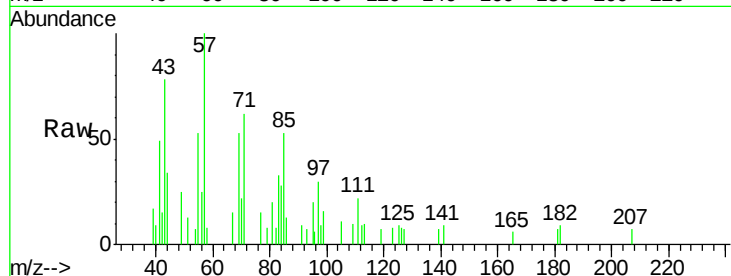
Ion Ratio Lower Upper

77 100

182 61.8 5.6 45.6#

105 70.3 4.0 44.0#

51 85.8 7.8 47.8#

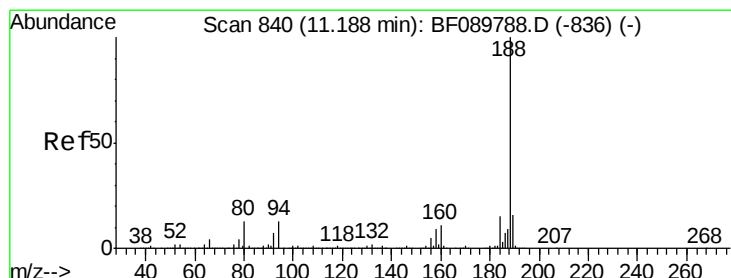
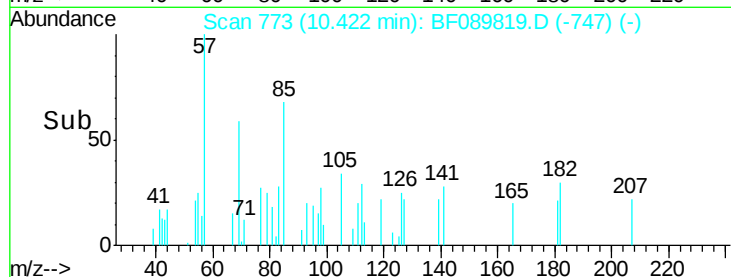
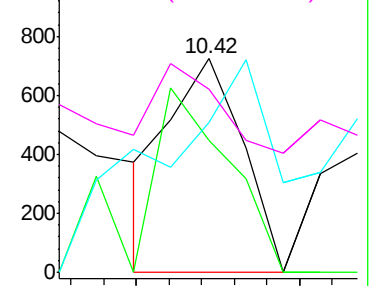


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

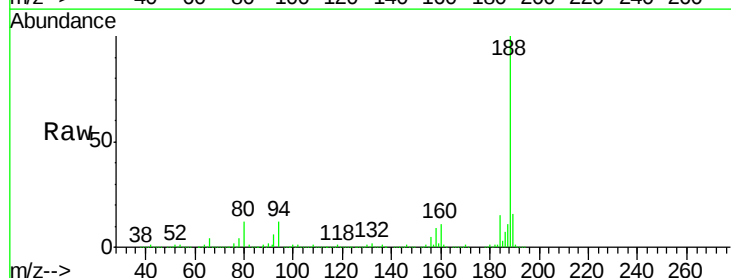
Tgt Ion: 188 Resp: 1357040

Ion Ratio Lower Upper

188 100

94 11.7 10.2 15.2

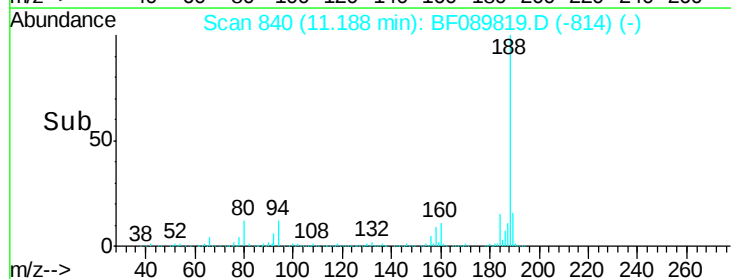
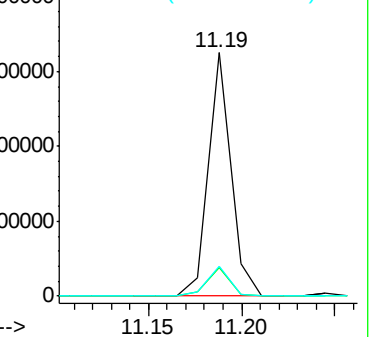
80 12.0 10.9 16.3

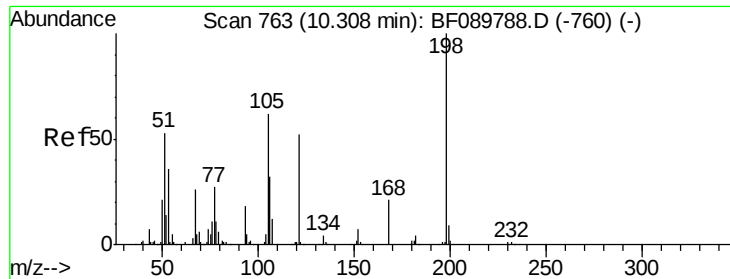


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

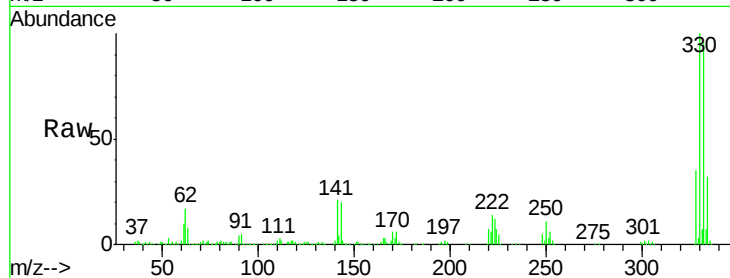




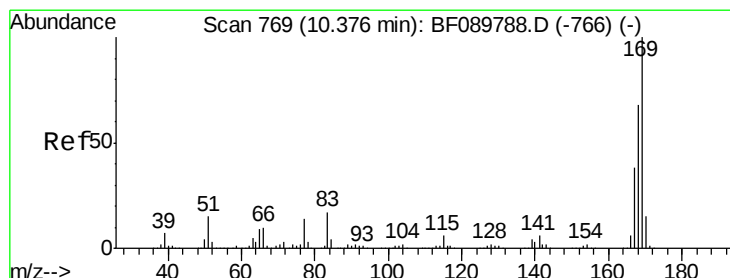
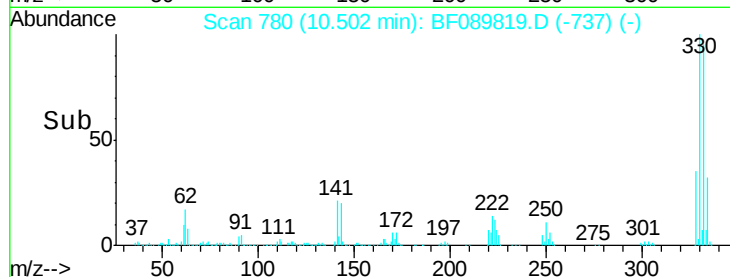
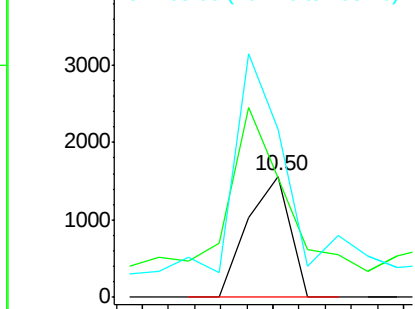
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.23 ng
 RT: 10.50 min Scan# 780
 Delta R.T. 0.20 min
 Lab File: BF089819.D
 Acq: 20 Aug 2016 1:45

Instrument :
 BNA_F
 ClientSampleId :
 VITALEFILL-MCMPH3-5

Tgt Ion:198 Resp: 1784
 Ion Ratio Lower Upper
 198 100
 51 98.1 32.3 72.3#
 105 138.8 32.9 72.9#

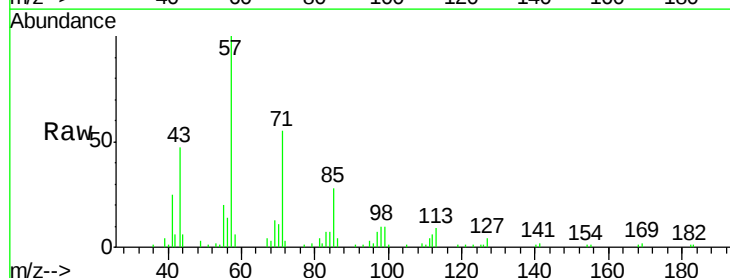


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

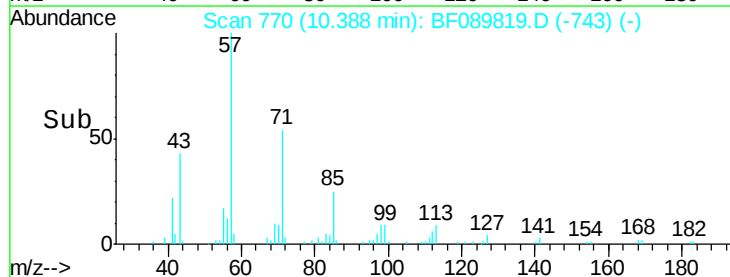
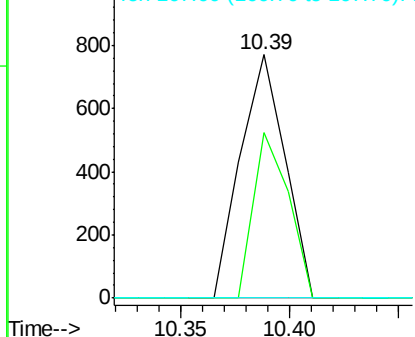


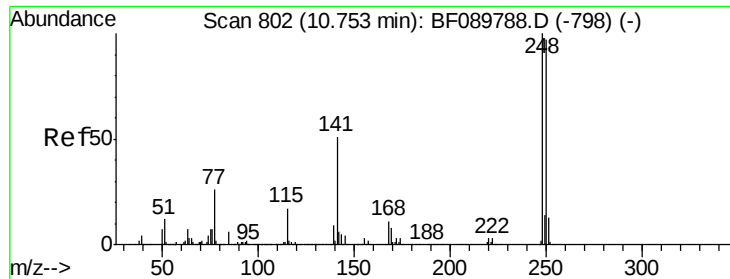
#65
 n-Nitrosodiphenylamine
 Concen: 0.03 ng
 RT: 10.39 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: BF089819.D
 Acq: 20 Aug 2016 1:45

Tgt Ion:169 Resp: 1097
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.6 82.0
 167 0.0 30.6 45.8#



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

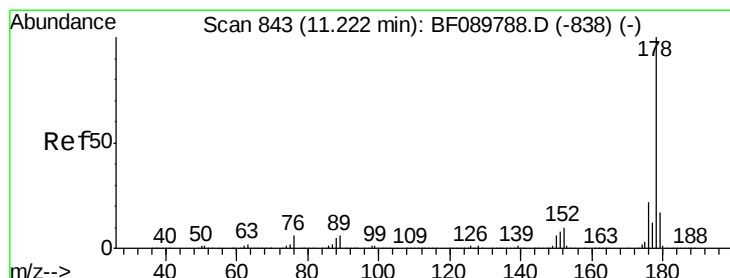
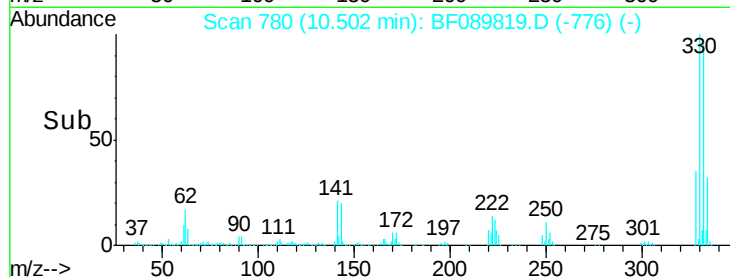
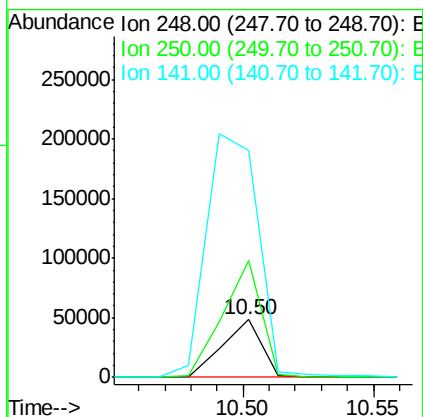
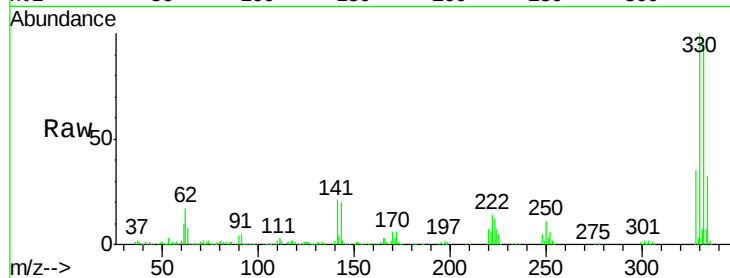




#66
 4-Bromophenyl-phenylether
 Concen: 3.57 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.25 min
 Lab File: BF089819.D
 Acq: 20 Aug 2016 1:45

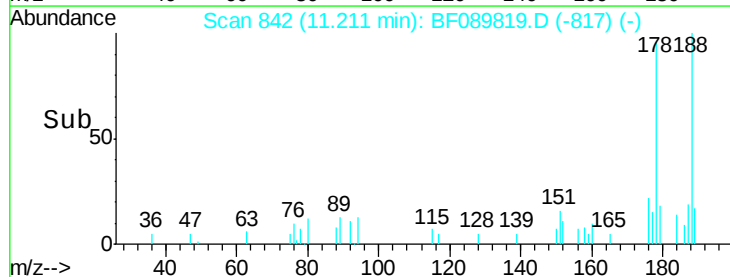
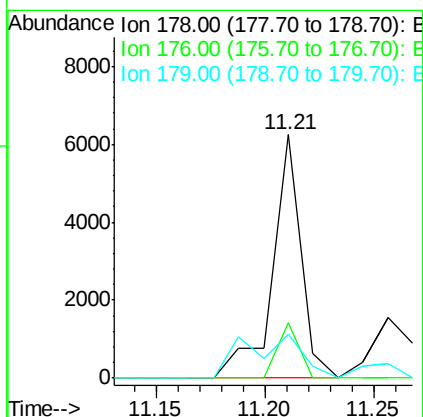
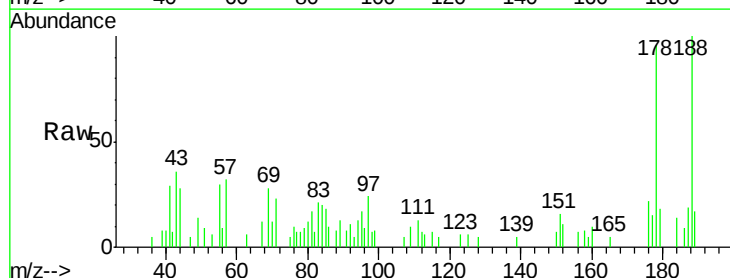
Instrument :
 BNA_F
 ClientSampleId :
 VITALEFILL-MCMPH3-5

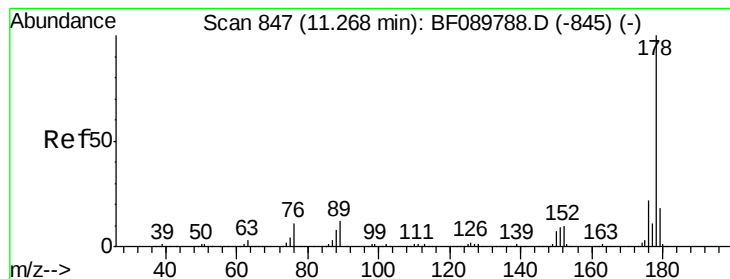
Tgt Ion:248 Resp: 50724
 Ion Ratio Lower Upper
 248 100
 250 202.4 78.6 117.8#
 141 392.7 31.4 47.2#



#70
 Phenanthrene
 Concen: 0.08 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF089819.D
 Acq: 20 Aug 2016 1:45

Tgt Ion:178 Resp: 5766
 Ion Ratio Lower Upper
 178 100
 176 22.6 16.4 24.6
 179 18.3 12.5 18.7





#71

Anthracene

Concen: 0.08 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.06 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

Instrument :

BNA_F

ClientSampleId :

VITALEFILL-MCMPH3-5

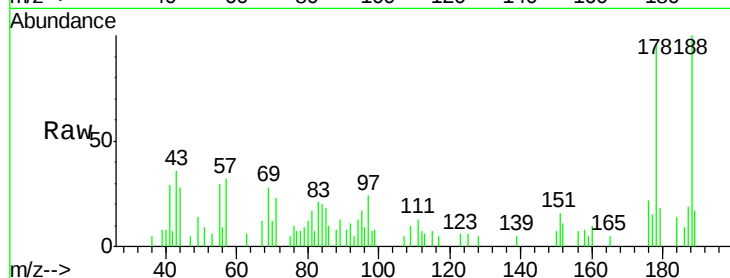
Tgt Ion:178 Resp: 5766

Ion Ratio Lower Upper

178 100

176 22.6 16.4 24.6

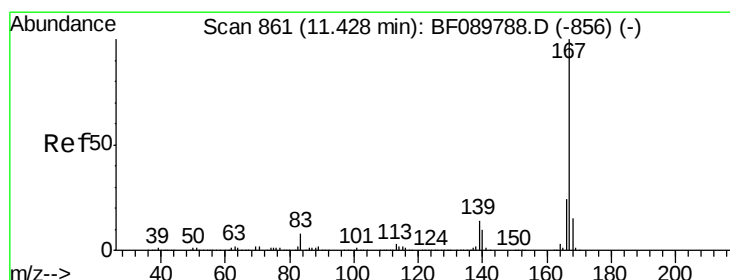
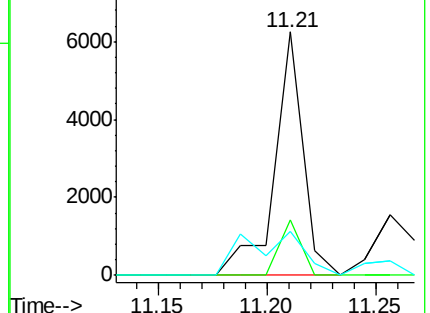
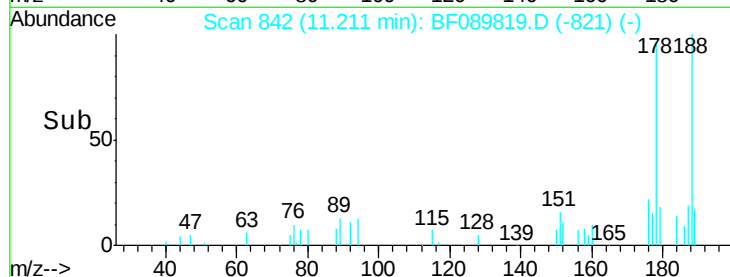
179 18.3 13.1 19.7



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: 0.01 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

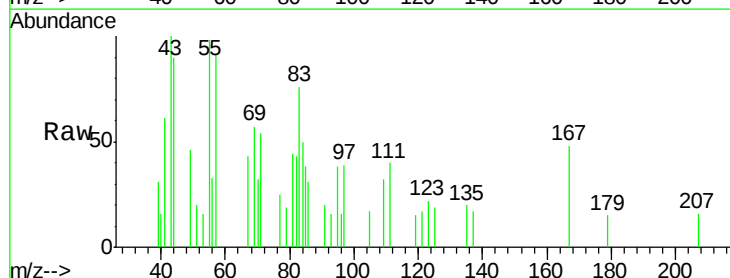
Tgt Ion:167 Resp: 918

Ion Ratio Lower Upper

167 100

166 0.0 17.9 26.9#

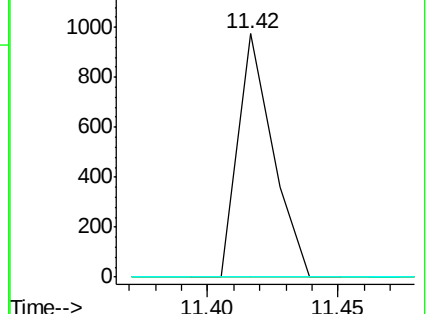
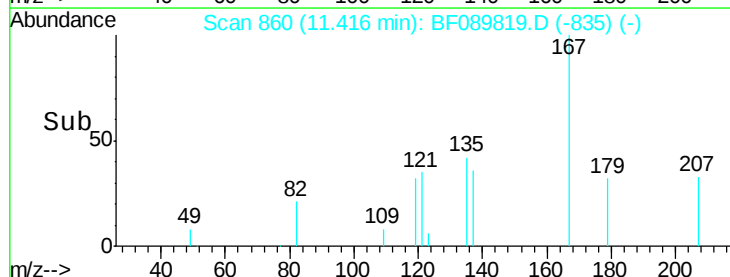
139 0.0 12.4 18.6#

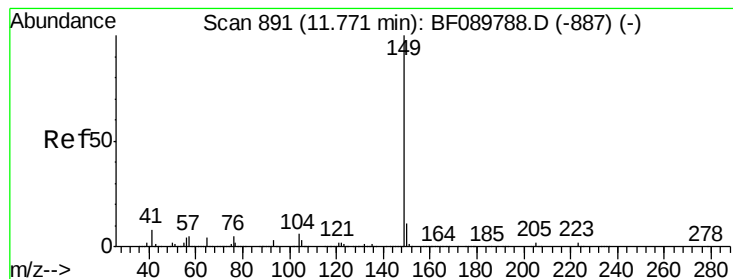


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.15 ng

RT: 11.77 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

Instrument :

BNA_F

ClientSampleId :

VITALEFILL-MCMPH3-5

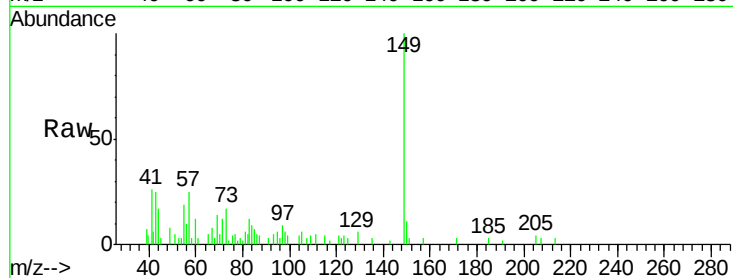
Tgt Ion:149 Resp: 11422

Ion Ratio Lower Upper

149 100

150 10.6 7.9 11.9

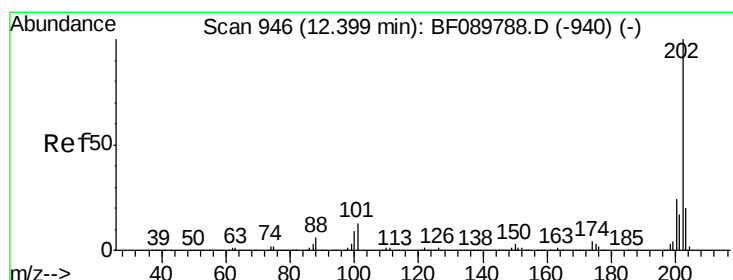
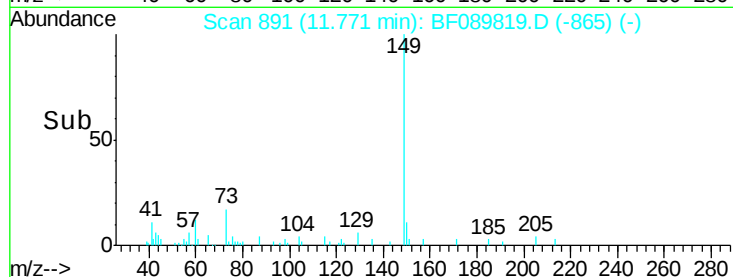
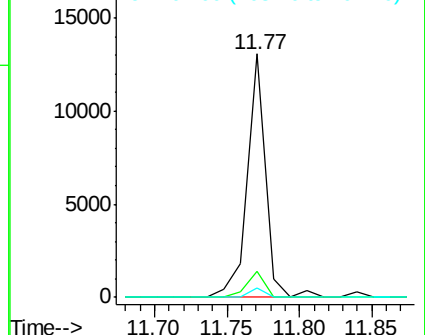
104 3.9 4.3 6.5#



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: 0.11 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

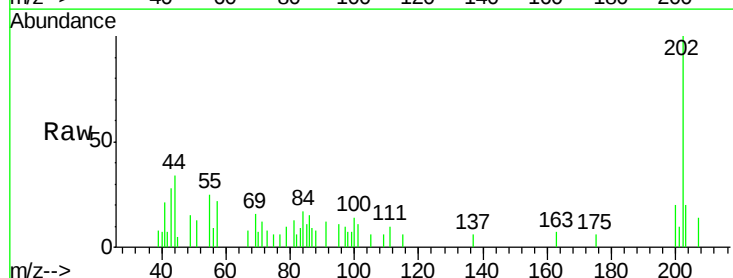
Tgt Ion:202 Resp: 7208

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.2

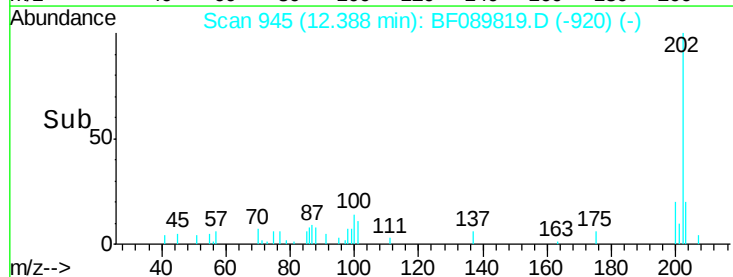
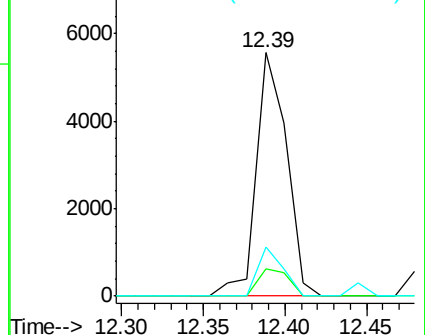
203 19.9 0.0 38.1

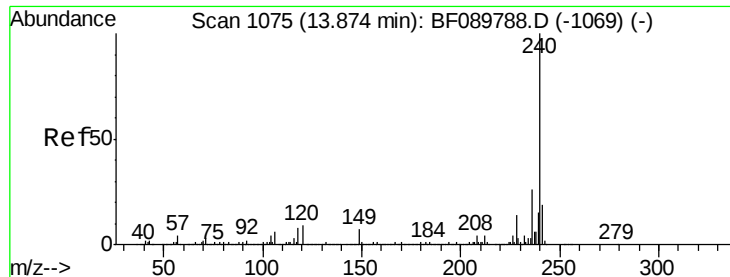


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.84 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

Instrument :

BNA_F

ClientSampleId :

VITALEFILL-MCMPH3-5

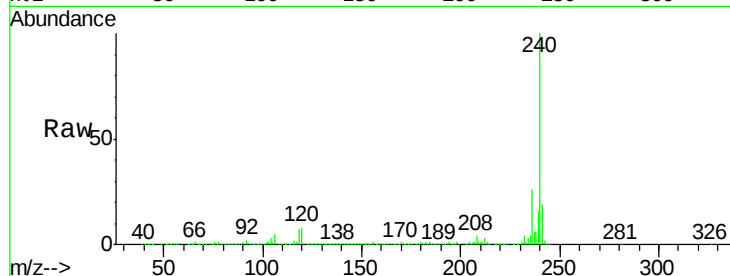
Tgt Ion:240 Resp: 1031462

Ion Ratio Lower Upper

240 100

120 8.1 8.3 12.5#

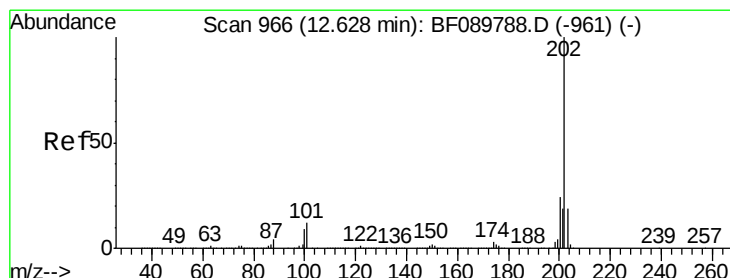
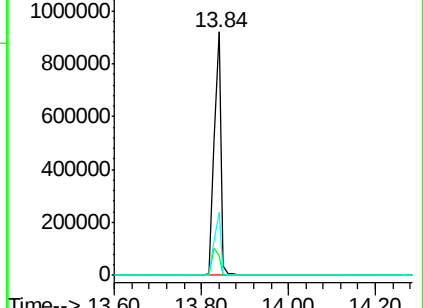
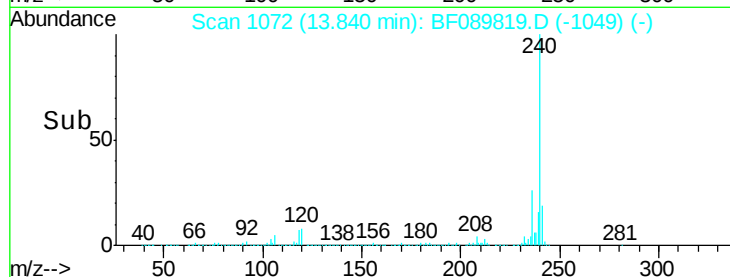
236 26.1 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 0.09 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

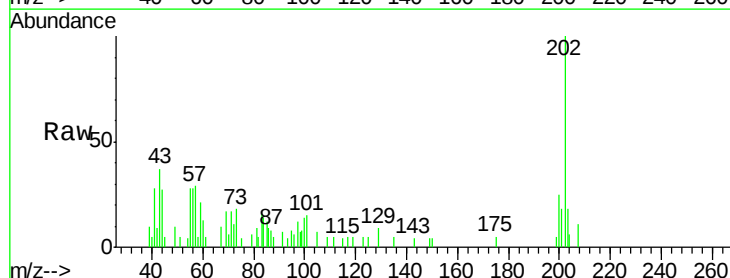
Tgt Ion:202 Resp: 7939

Ion Ratio Lower Upper

202 100

200 25.1 17.8 26.6

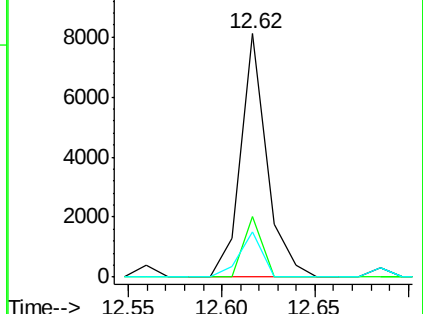
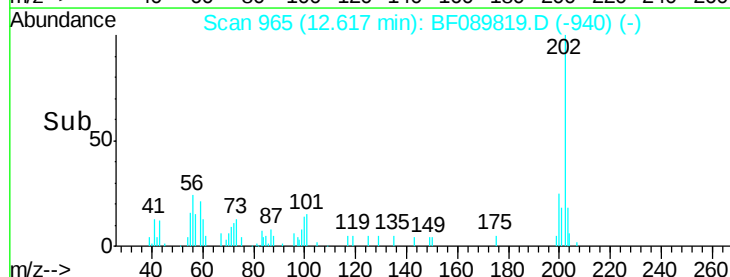
203 18.4 14.2 21.4

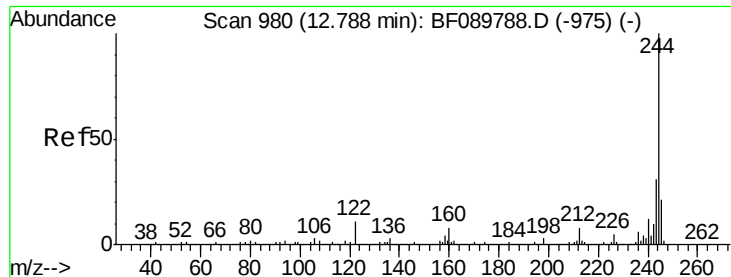


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 54.42 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

Instrument :

BNA_F

ClientSampleId :

VITALEFILL-MCMPH3-5

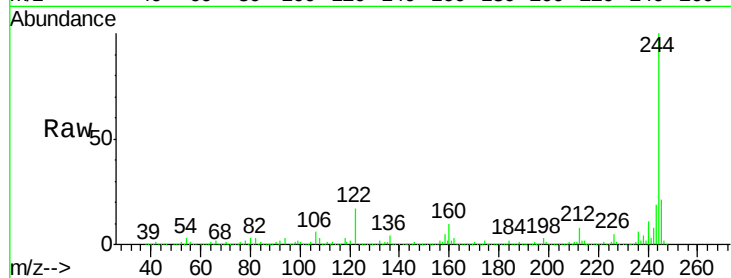
Tgt Ion:244 Resp: 2481151

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

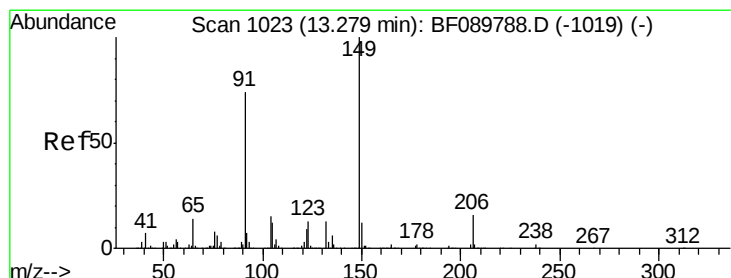
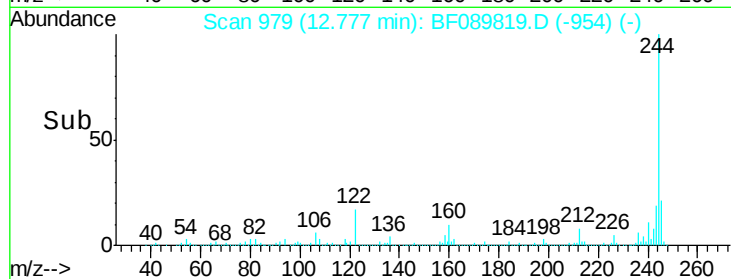
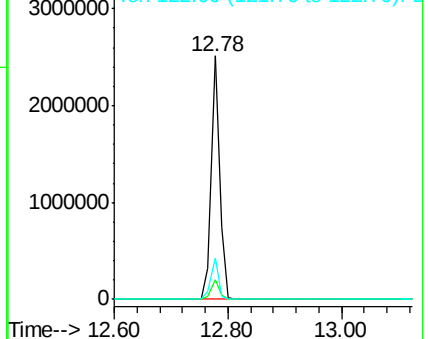
122 16.9 12.0 18.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.05 ng

RT: 13.27 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

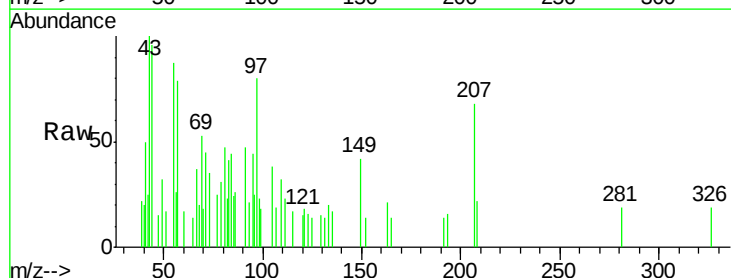
Tgt Ion:149 Resp: 1836

Ion Ratio Lower Upper

149 100

91 112.5 50.7 76.1#

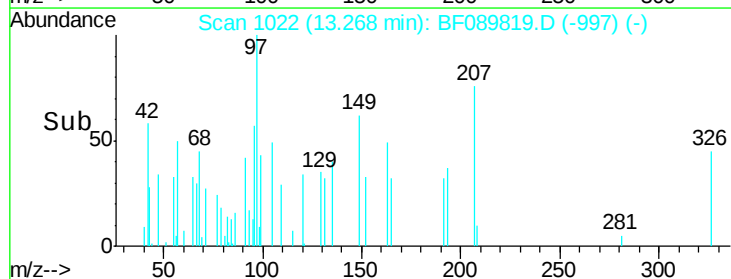
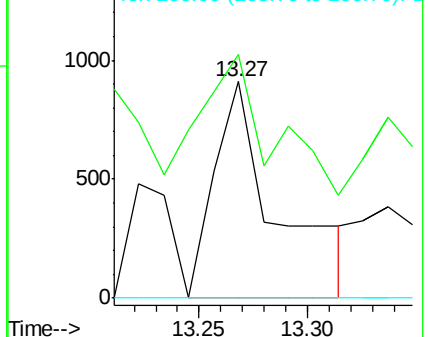
206 0.0 15.5 23.3#

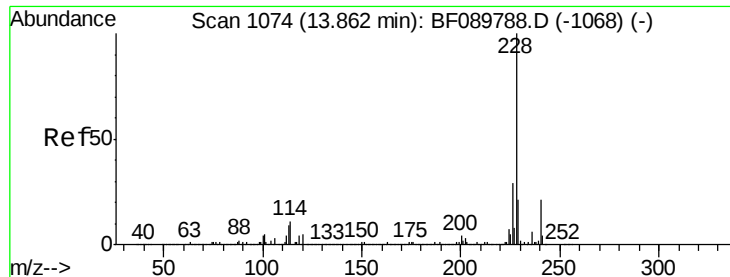


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.14 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.03 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

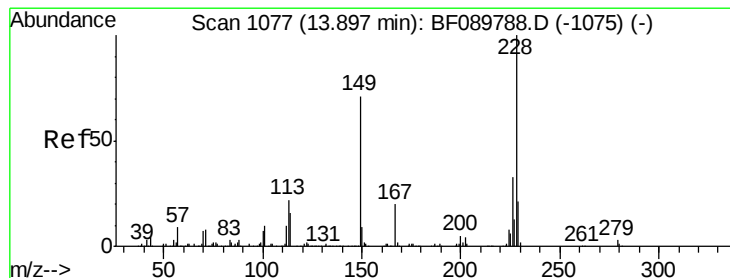
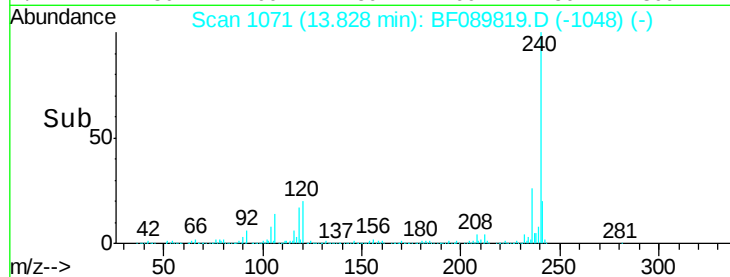
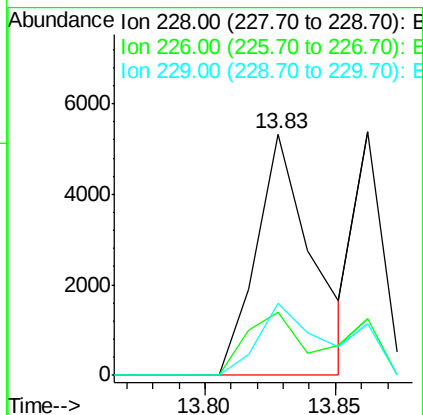
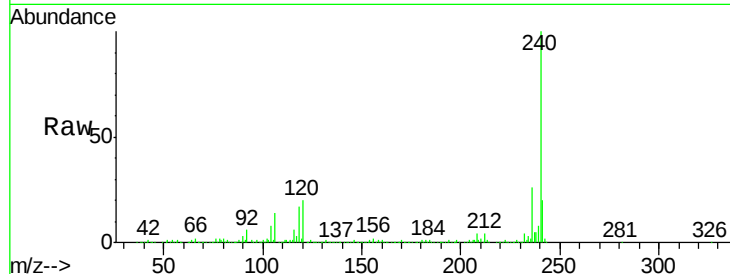
Instrument :

BNA_F

ClientSampleId :

VITALEFILL-MCMPH3-5

Tgt Ion:	228	Resp:	7986
Ion	Ratio	Lower	Upper
228	100		
226	26.1	23.2	34.8
229	30.0	16.2	24.4#



#82

Chrysene

Concen: 0.16 ng

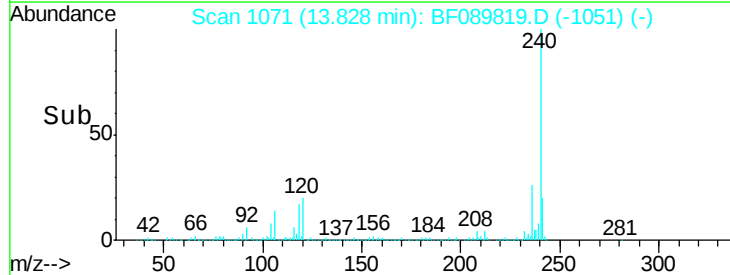
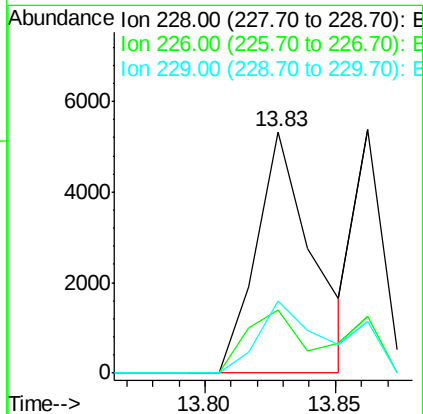
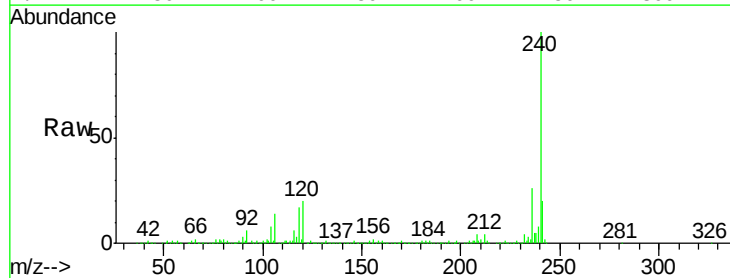
RT: 13.83 min Scan# 1071

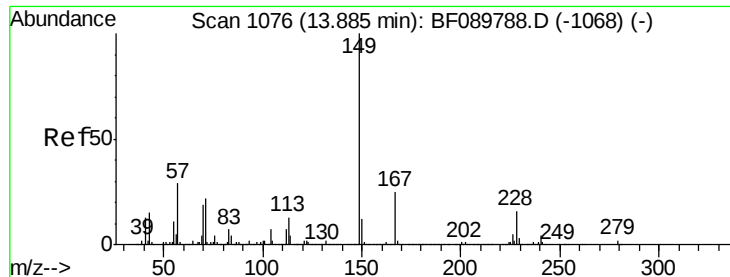
Delta R.T. -0.07 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

Tgt Ion:	228	Resp:	7986
Ion	Ratio	Lower	Upper
228	100		
226	26.1	25.4	38.0
229	30.0	16.5	24.7#

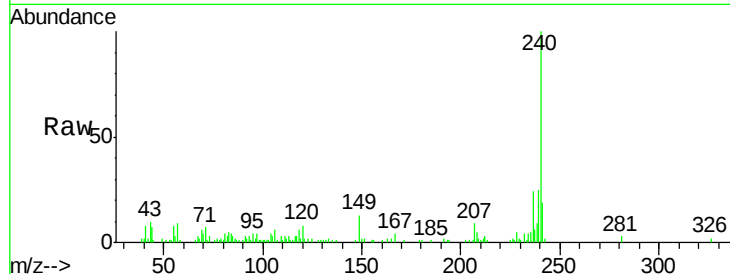




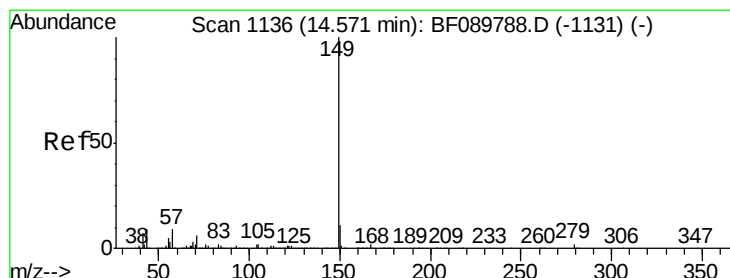
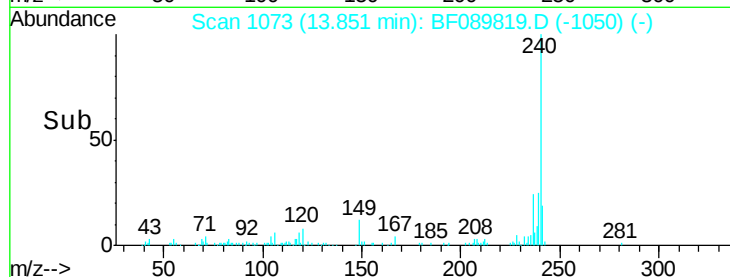
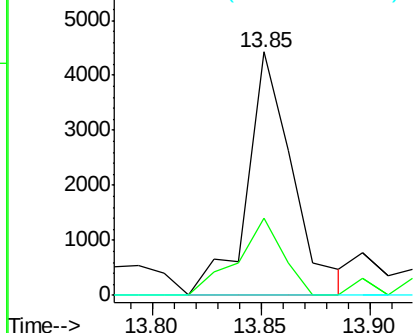
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.12 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. -0.03 min
 Lab File: BF089819.D
 Acq: 20 Aug 2016 1:45

Instrument :
 BNA_F
 ClientSampleId :
 VITALEFILL-MCMPH3-5

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.6	21.2	31.8
279	0.0	2.9	4.3#

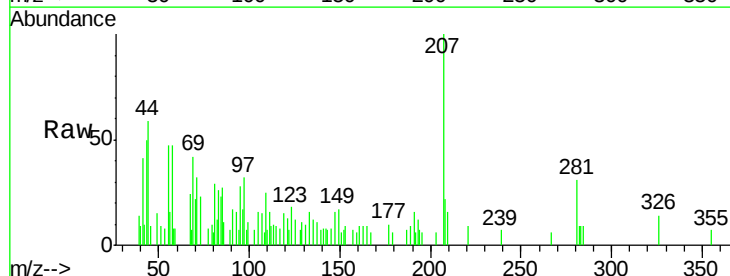


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

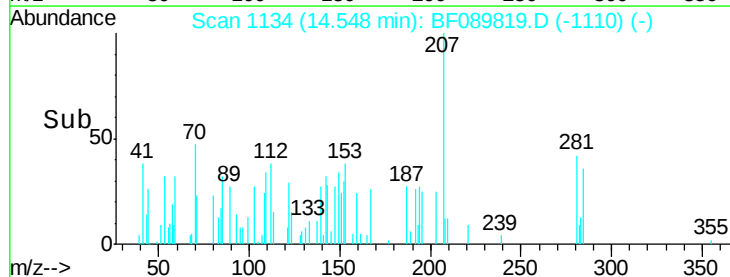
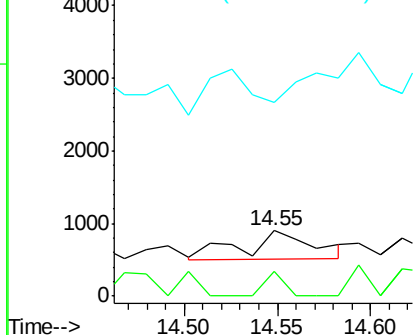


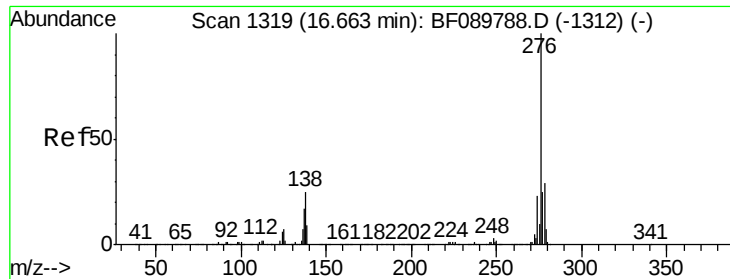
#84
 Di-n-octyl phthalate
 Concen: 0.01 ng
 RT: 14.55 min Scan# 1134
 Delta R.T. -0.02 min
 Lab File: BF089819.D
 Acq: 20 Aug 2016 1:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	22.3	1.2	1.8#
43	0.0	8.4	12.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

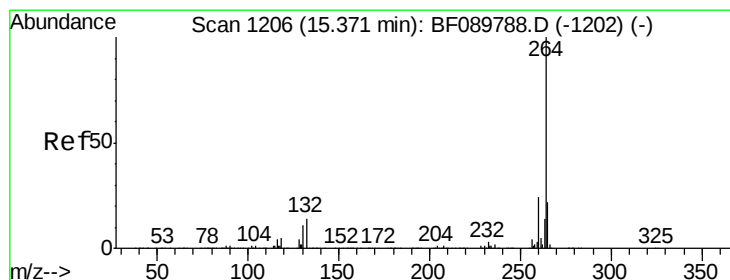
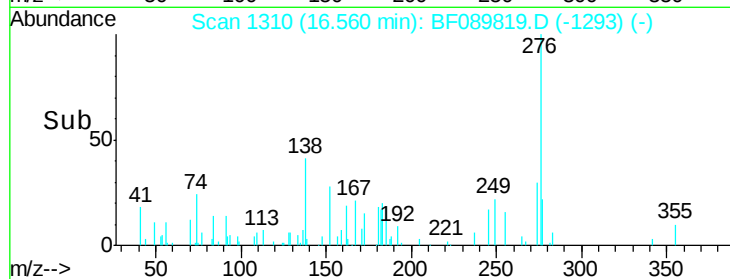
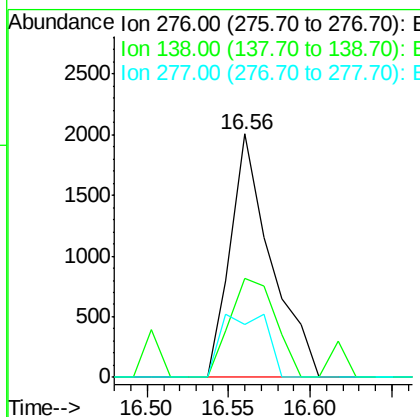
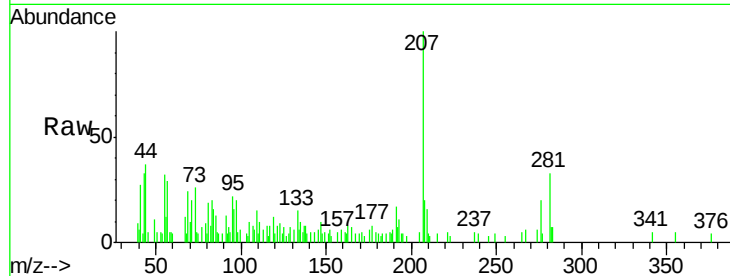




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.05 ng
 RT: 16.56 min Scan# 1310
 Delta R.T. -0.10 min
 Lab File: BF089819.D
 Acq: 20 Aug 2016 1:45

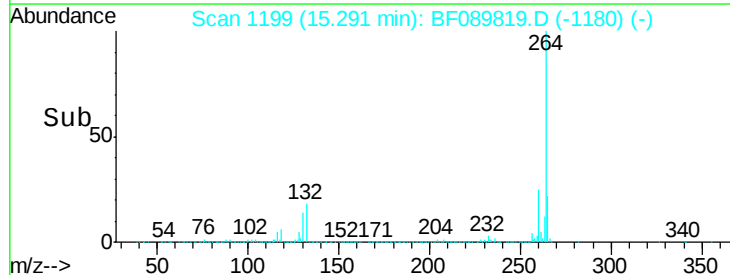
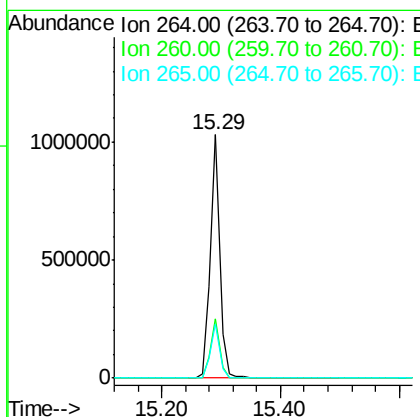
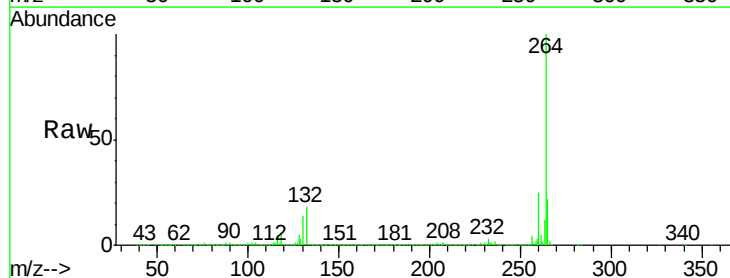
Instrument :
 BNA_F
 ClientSampleId :
 VITALEFILL-MCMPH3-5

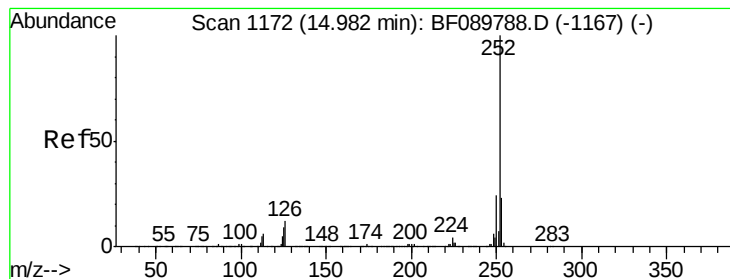
Tgt Ion: 276 Resp: 3445
 Ion Ratio Lower Upper
 276 100
 138 46.1 24.6 36.8#
 277 29.2 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. -0.08 min
 Lab File: BF089819.D
 Acq: 20 Aug 2016 1:45

Tgt Ion: 264 Resp: 1146974
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.2 30.2
 265 22.1 17.4 26.2





#87

Benzo(b)fluoranthene

Concen: 0.15 ng

RT: 14.90 min Scan# 1165

Delta R.T. -0.08 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

Instrument :

BNA_F

ClientSampleId :

VITALEFILL-MCMPH3-5

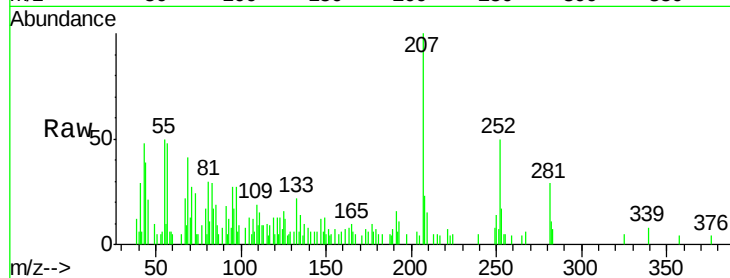
Tgt Ion:252 Resp: 9246

Ion Ratio Lower Upper

252 100

253 33.6 17.8 26.8#

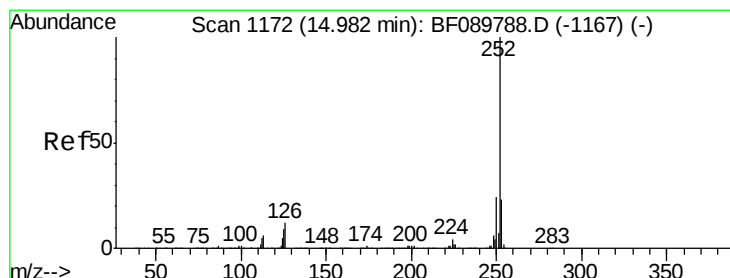
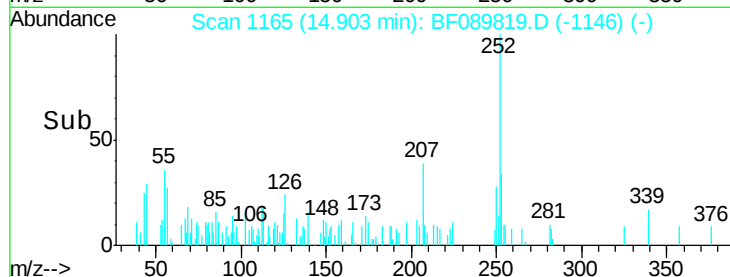
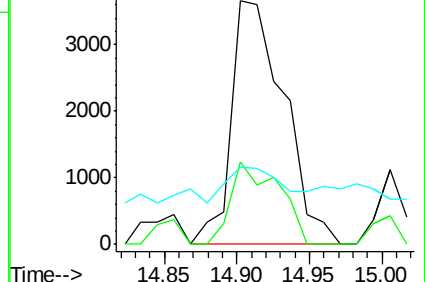
125 31.9 11.4 17.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.16 ng

RT: 14.90 min Scan# 1165

Delta R.T. -0.10 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

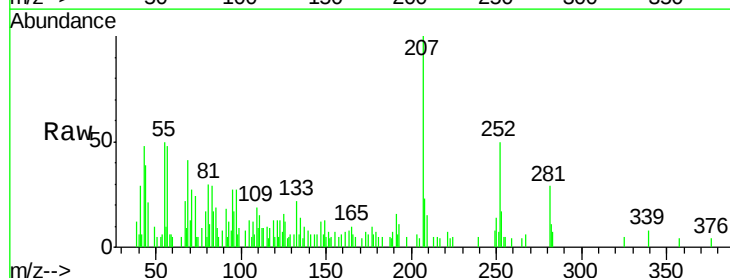
Tgt Ion:252 Resp: 9246

Ion Ratio Lower Upper

252 100

253 33.6 18.4 27.6#

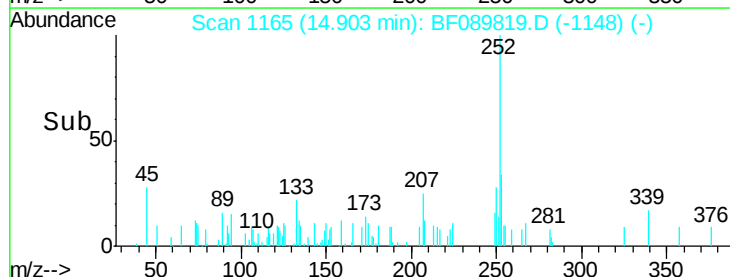
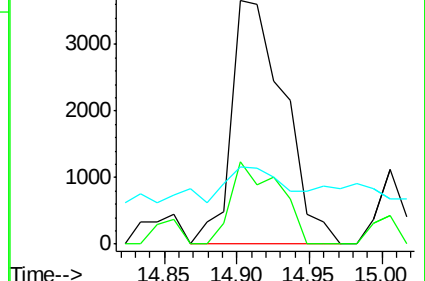
125 31.9 9.8 14.6#

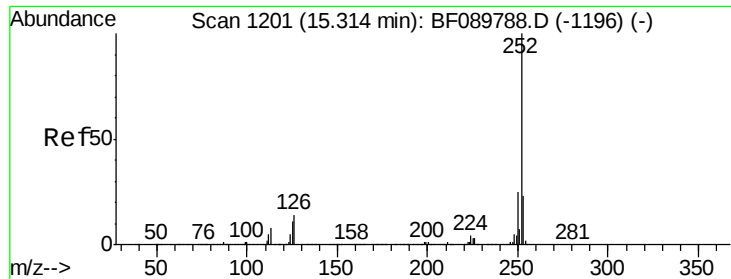


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.08 ng

RT: 15.23 min Scan# 1194

Delta R.T. -0.08 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

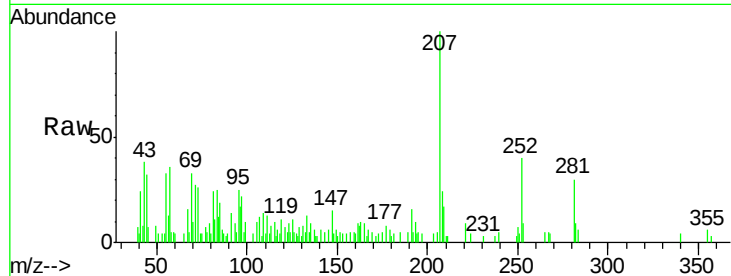
Instrument :

BNA_F

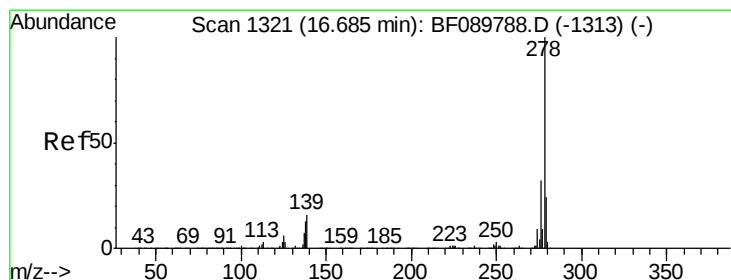
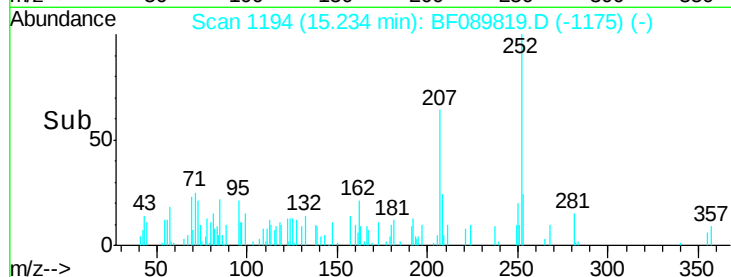
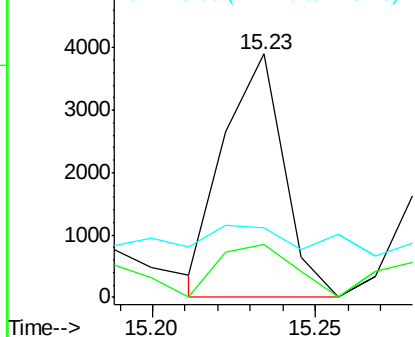
ClientSampleId :

VITALEFILL-MCMPH3-5

Tgt Ion:	252	Resp:	4937
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.8
125	28.7	11.7	17.5#



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



#90

Dibenzo(a,h)anthracene

Concen: 0.03 ng

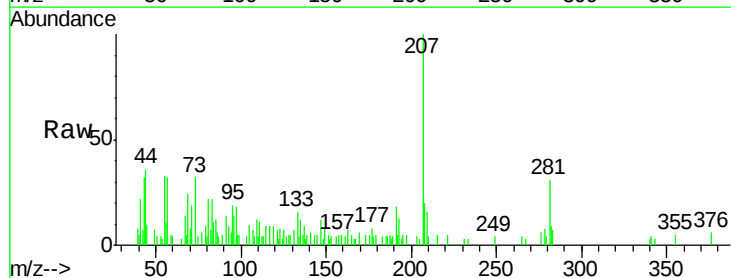
RT: 16.58 min Scan# 1312

Delta R.T. -0.10 min

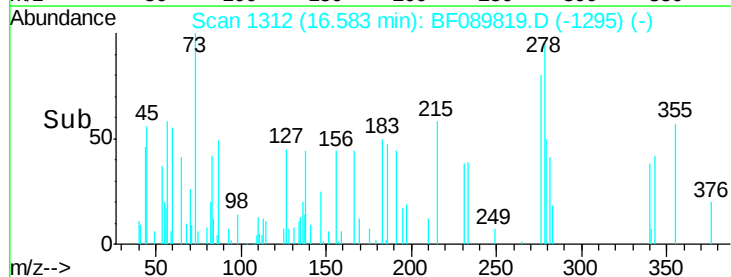
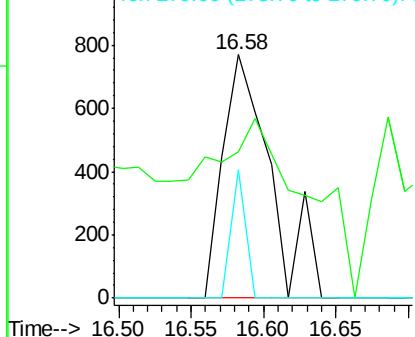
Lab File: BF089819.D

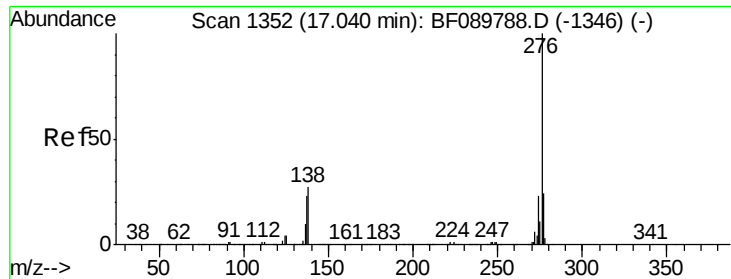
Acq: 20 Aug 2016 1:45

Tgt Ion:	278	Resp:	1762
Ion Ratio	Lower	Upper	
278	100		
139	59.9	14.9	22.3#
279	52.7	19.2	28.8#



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





#91

Benzo(g,h,i)perylene

Concen: 0.05 ng

RT: 16.94 min Scan# 1343

Delta R.T. -0.10 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

Instrument :

BNA_F

ClientSampleId :

VITALEFILL-MCMPH3-5

Tgt Ion: 276 Resp: 3486

Ion Ratio Lower Upper

276 100

277 31.6 19.2 28.8#

138 45.9 22.1 33.1#

