

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
 Data File : BF088189.D
 Acq On : 20 Jun 2016 23:48
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jun 21 01:06:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	81430	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	336136	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	156513	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	288484	20.00	ng	0.00
75) Chrysene-d12	13.81	240	215258	20.00	ng	0.00
86) Perylene-d12	15.18	264	186595	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	385202	80.87	ng	0.00
7) Phenol-d6	6.32	99	431767	74.79	ng	-0.01
23) Nitrobenzene-d5	7.24	82	443377	77.02	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	106658	64.54	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	806975	80.72	ng	-0.01
78) Terphenyl-d14	12.77	244	765021	80.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.12	88	101607	43.90	ng	# 43
3) Pyridine	2.79	79	207021	37.88	ng	91
4) n-Nitrosodimethylamine	2.74	42	86798	37.50	ng	79
6) Aniline	6.33	93	282470	34.38	ng	# 67
8) 2-Chlorophenol	6.46	128	232802	41.29	ng	88
9) Benzaldehyde	6.22	77	132064	34.94	ng	99
10) Phenol	6.34	94	246104	41.07	ng	91
11) bis(2-Chloroethyl)ether	6.41	93	201300	39.77	ng	89
12) 1,3-Dichlorobenzene	6.60	146	237181	39.21	ng	98
13) 1,4-Dichlorobenzene	6.68	146	248726	40.82	ng	99
14) 1,2-Dichlorobenzene	6.84	146	210414	37.97	ng	99
15) Benzyl Alcohol	6.82	79	148879	32.97	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.96	45	235135	34.38	ng	78
17) 2-Methylphenol	6.95	107	179766	39.32	ng	99
18) Hexachloroethane	7.18	117	89060	41.19	ng	90
19) n-Nitroso-di-n-propylamine	7.10	70	147585	39.96	ng	# 86
20) 3+4-Methylphenols	7.11	107	228008	42.74	ng	# 74
22) Acetophenone	7.08	105	292553	38.95	ng	# 96
24) Nitrobenzene	7.26	77	201731	36.18	ng	# 87
25) Isophorone	7.50	82	394818	37.03	ng	98
26) 2-Nitrophenol	7.58	139	122133	40.89	ng	# 88
27) 2,4-Dimethylphenol	7.63	122	193809	35.24	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	247763	37.47	ng	# 96
29) 2,4-Dichlorophenol	7.83	162	183024	39.86	ng	93
30) 1,2,4-Trichlorobenzene	7.90	180	187768	37.55	ng	98
31) Naphthalene	7.98	128	641717	38.58	ng	99
32) Benzoic acid	7.76	122	66457	21.95	ng	96
33) 4-Chloroaniline	8.03	127	271973	36.62	ng	97
34) Hexachlorobutadiene	8.09	225	98128	37.21	ng	97
35) Caprolactam	8.41	113	58995	38.79	ng	# 66
36) 4-Chloro-3-methylphenol	8.54	107	187391	38.16	ng	# 82
37) 2-Methylnaphthalene	8.66	142	406471	37.07	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	178370	43.20	ng	# 1
40) Hexachlorocyclopentadiene	8.82	237	85915	34.03	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	109045	34.84	ng	99
43) 2,4,5-Trichlorophenol	8.99	196	117367	36.04	ng	# 78
45) 1,1'-Biphenyl	9.13	154	489183	41.10	ng	98
46) 2-Chloronaphthalene	9.15	162	393699	38.87	ng	98
47) 2-Nitroaniline	9.26	65	107638	36.03	ng	92
48) Acenaphthylene	9.56	152	582541	36.16	ng	100
49) Dimethylphthalate	9.44	163	448850	39.59	ng	100
50) 2,6-Dinitrotoluene	9.51	165	103199	39.75	ng	# 81
51) Acenaphthene	9.74	154	362812	36.10	ng	98
52) 3-Nitroaniline	9.67	138	106010	35.38	ng	95
53) 2,4-Dinitrophenol	9.78	184	45297	37.73	ng	98
54) Dibenzofuran	9.91	168	494727	35.74	ng	# 91
55) 4-Nitrophenol	9.85	139	90709	39.01	ng	93
56) 2,4-Dinitrotoluene	9.91	165	123596	37.04	ng	# 71
57) Fluorene	10.25	166	421331	45.05	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	95429	37.29	ng	# 59
59) Diethylphthalate	10.14	149	482089	42.01	ng	99
60) 4-Chlorophenyl-phenylether	10.24	204	169141	36.75	ng	89
61) 4-Nitroaniline	10.28	138	125270	44.08	ng	99
62) Azobenzene	10.40	77	429779	37.87	ng	94
64) 4,6-Dinitro-2-methylphenol	10.32	198	51262	29.34	ng	# 58
65) n-Nitrosodiphenylamine	10.36	169	374428	39.11	ng	99
66) 4-Bromophenyl-phenylether	10.73	248	120287	38.87	ng	# 92
67) Hexachlorobenzene	10.80	284	122844	38.20	ng	# 71
68) Atrazine	10.89	200	106784	36.84	ng	91
69) Pentachlorophenol	10.99	266	59862	35.32	ng	98
70) Phenanthrene	11.20	178	599492	39.60	ng	99
71) Anthracene	11.26	178	616535	40.38	ng	99
72) Carbazole	11.42	167	575546	40.28	ng	100
73) Di-n-butylphthalate	11.75	149	691481	38.23	ng	99
74) Fluoranthene	12.39	202	638767	39.98	ng	97
76) Benzidine	12.51	184	252181	42.31	ng	99
77) Pyrene	12.62	202	635904	39.81	ng	98
79) Butylbenzylphthalate	13.23	149	292731	41.45	ng	88
80) Benzo(a)anthracene	13.79	228	451562	36.81	ng	99
81) 3,3'-Dichlorobenzidine	13.76	252	140137	42.48	ng	# 95
82) Chrysene	13.84	228	496662	43.04	ng	98
83) Bis(2-ethylhexyl)phthalate	13.79	149	360737	41.96	ng	99
84) Di-n-octyl phthalate	14.40	149	681888	48.81	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.47	276	419484	39.12	ng	# 100
87) Benzo(b)fluoranthene	14.80	252	870847	66.96	ng	# 94
88) Benzo(k)fluoranthene	14.80	252	870856	88.77	ng	99
89) Benzo(a)pyrene	15.13	252	415106	39.45	ng	# 93
90) Dibenzo(a,h)anthracene	16.47	278	348135	35.62	ng	96
91) Benzo(g,h,i)perylene	16.85	276	367588	36.57	ng	97

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

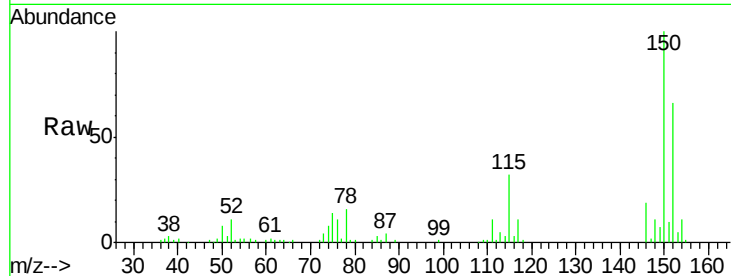


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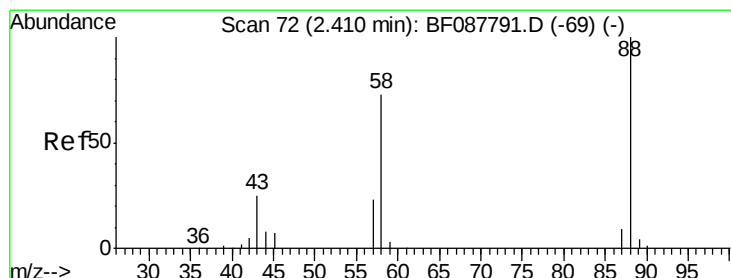
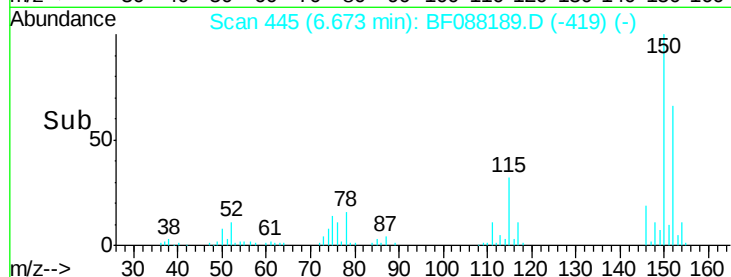
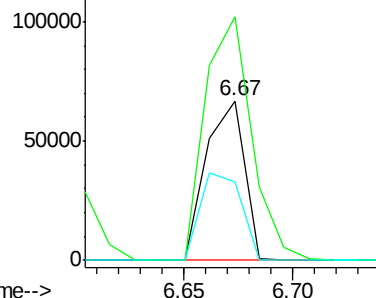
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF088189.D
Acq: 20 Jun 2016 23:48

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BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 81430
Ion Ratio Lower Upper
152 100
150 152.5 123.8 185.6
115 48.8 39.6 59.4



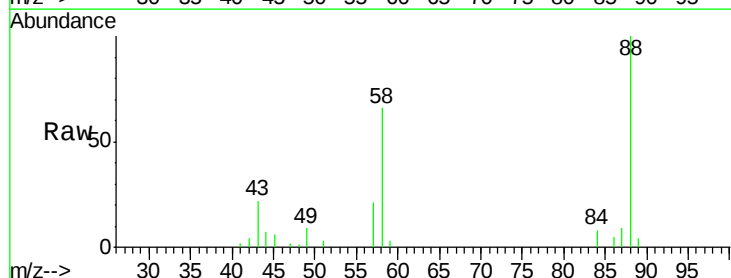
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



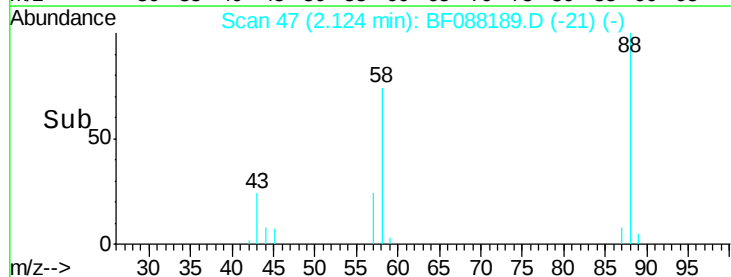
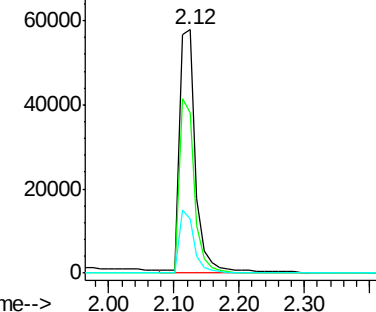
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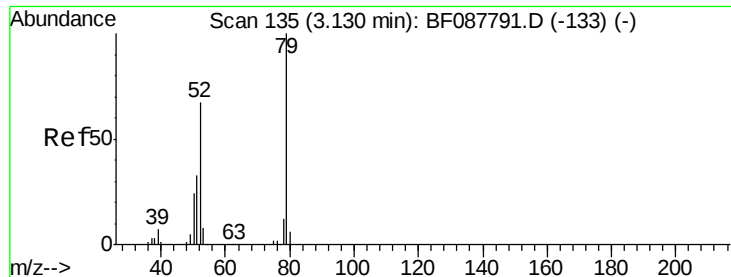
1,4-Dioxane
Concen: 43.90 ng
RT: 2.12 min Scan# 47
Delta R.T. -0.00 min
Lab File: BF088189.D
Acq: 20 Jun 2016 23:48

Tgt Ion: 88 Resp: 101607
Ion Ratio Lower Upper
88 100
58 65.7 0.0 0.0#
43 22.9 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: 37.88 ng

RT: 2.79 min Scan# 105

Delta R.T. -0.01 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

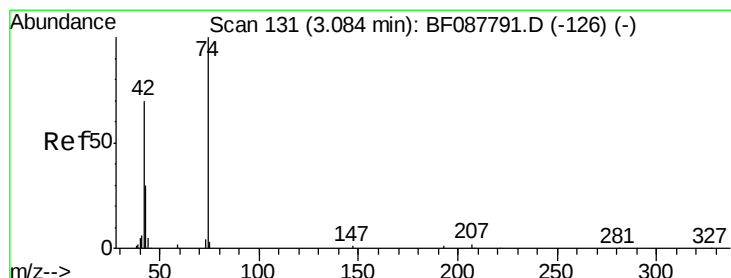
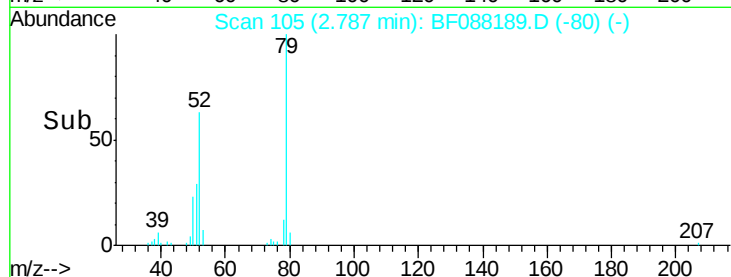
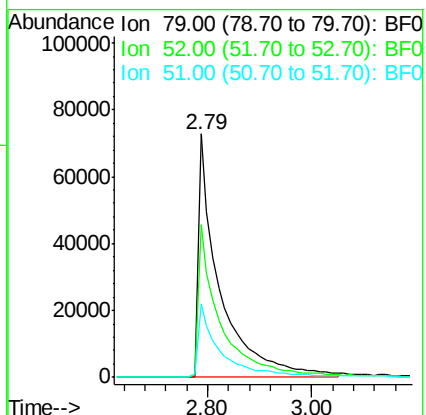
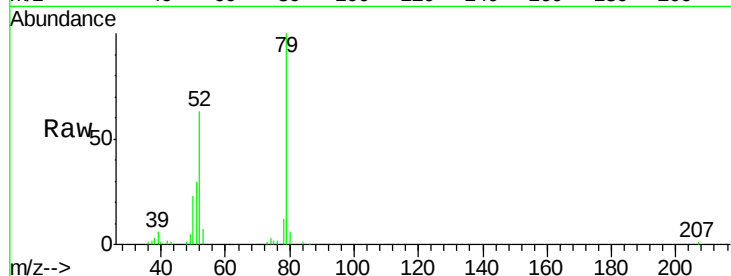
Tgt Ion: 79 Resp: 207021

Ion Ratio Lower Upper

79 100

52 62.8 56.3 84.5

51 30.0 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 37.50 ng

RT: 2.74 min Scan# 101

Delta R.T. -0.01 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

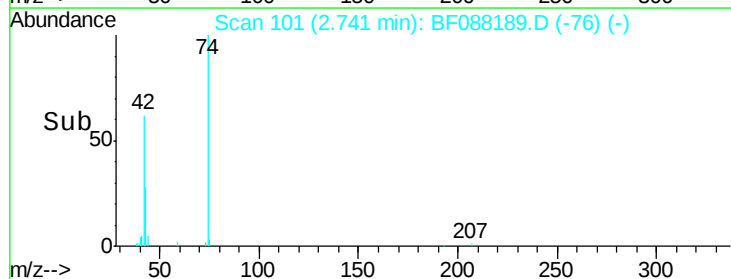
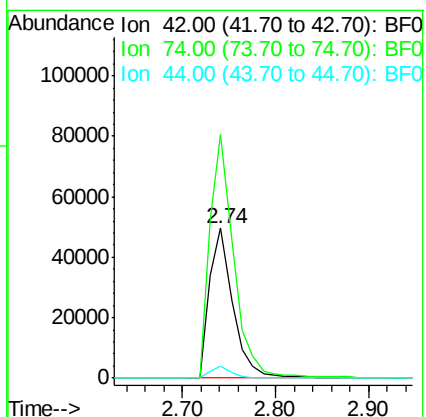
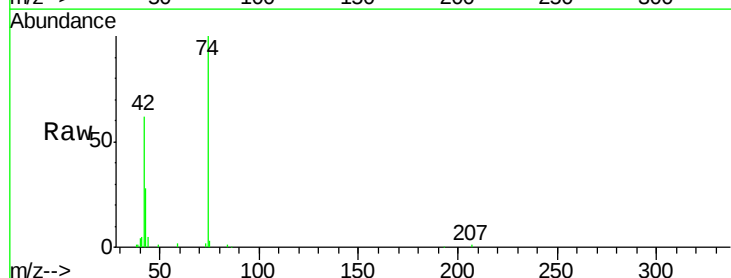
Tgt Ion: 42 Resp: 86798

Ion Ratio Lower Upper

42 100

74 162.2 108.6 163.0

44 7.6 5.5 8.3





#5

2-Fluorophenol

Concen: 80.87 ng

RT: 5.26 min Scan# 321

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

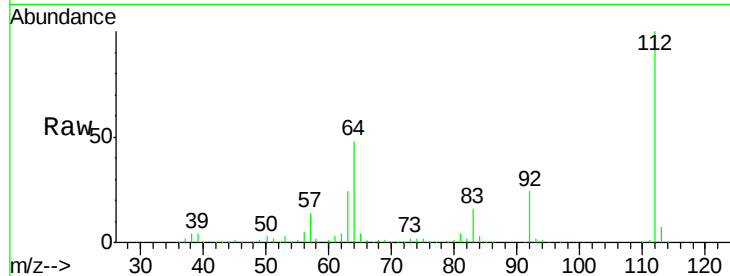
Instrument :

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ClientSampleId :

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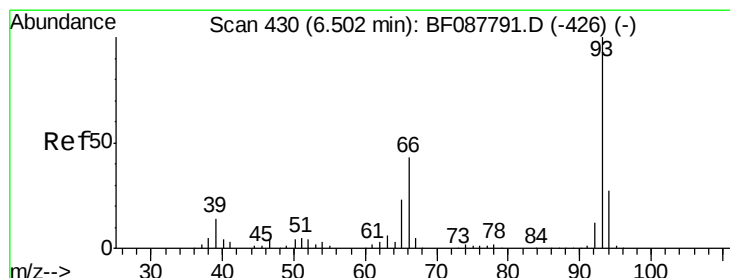
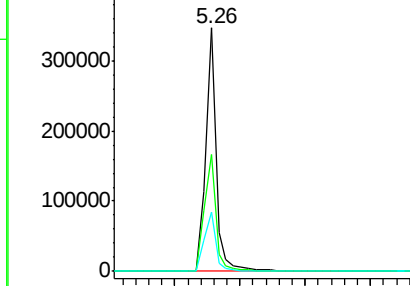
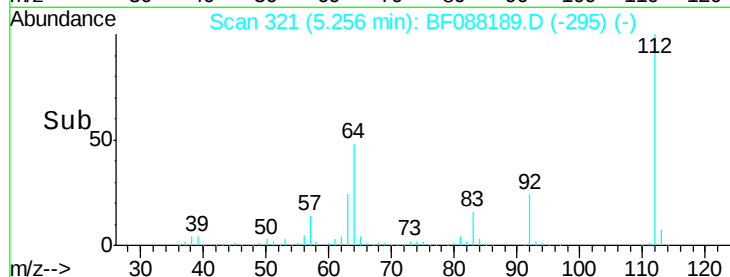
Tgt Ion:	112	Resp:	385202
Ion	Ratio	Lower	Upper
112	100		
64	48.1	42.2	63.2
63	24.2	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.38 ng

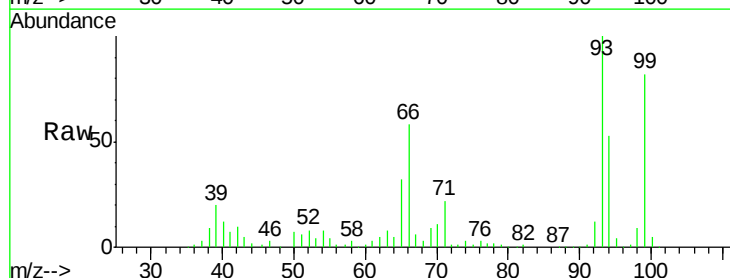
RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

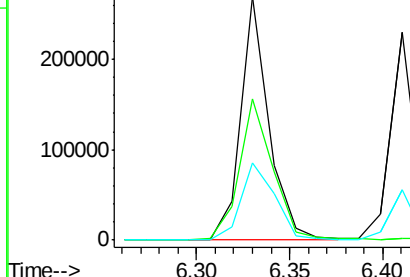
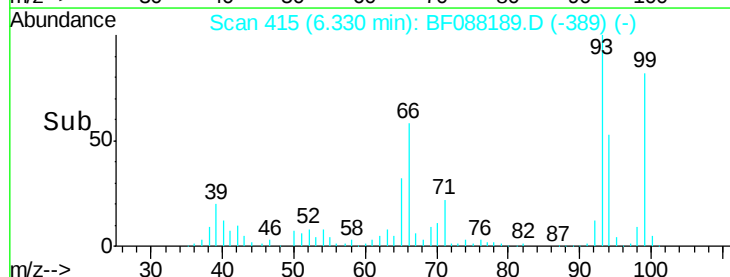
Tgt Ion:	93	Resp:	282470
Ion	Ratio	Lower	Upper
93	100		
66	57.9	29.8	44.8#
65	32.0	14.9	22.3#

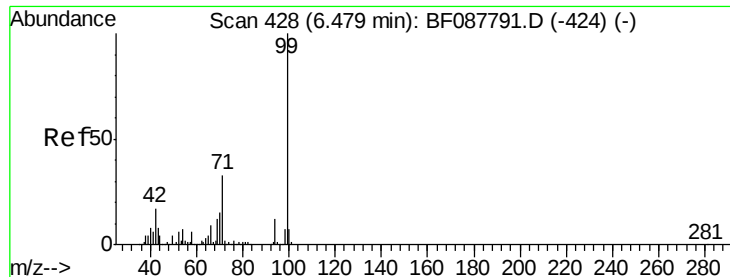


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 74.79 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

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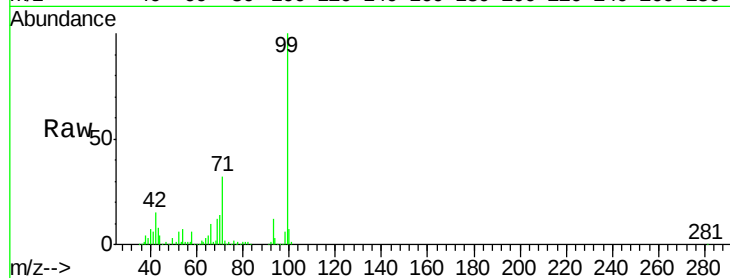
Tgt Ion: 99 Resp: 431767

Ion Ratio Lower Upper

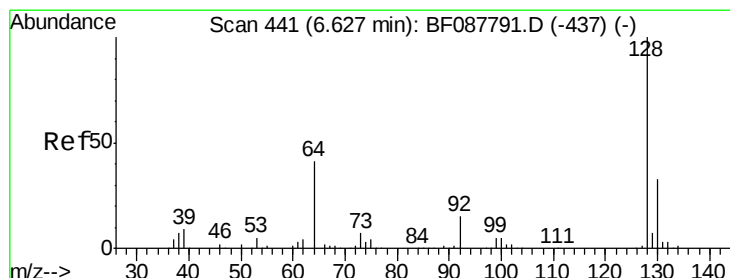
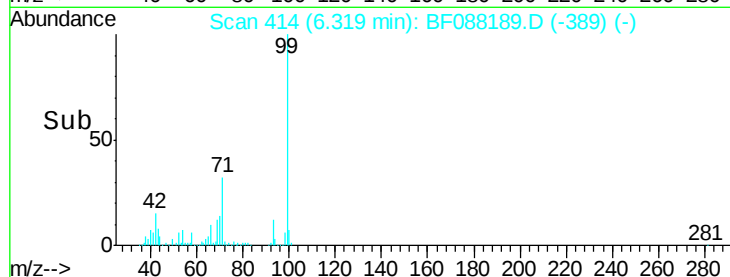
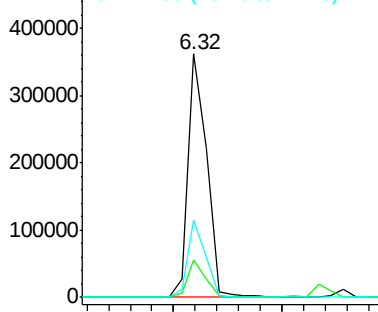
99 100

42 15.4 12.2 18.2

71 31.8 23.4 35.0



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



#8

2-Chlorophenol

Concen: 41.29 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

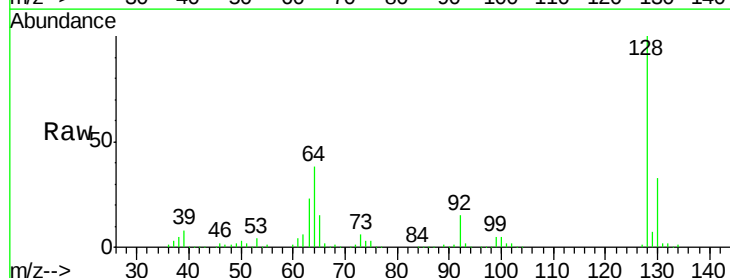
Tgt Ion: 128 Resp: 232802

Ion Ratio Lower Upper

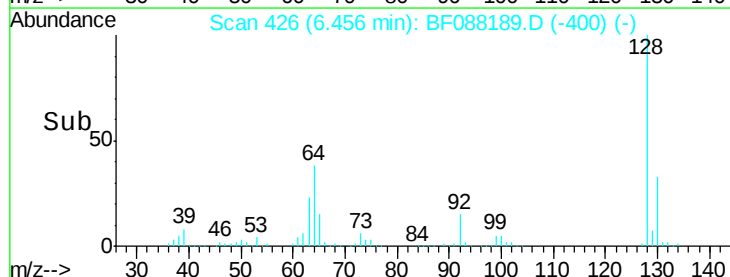
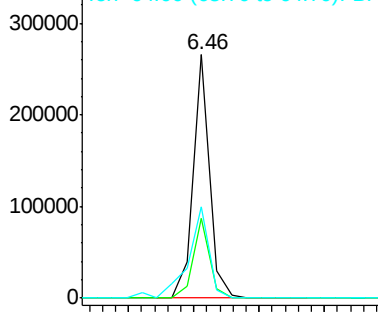
128 100

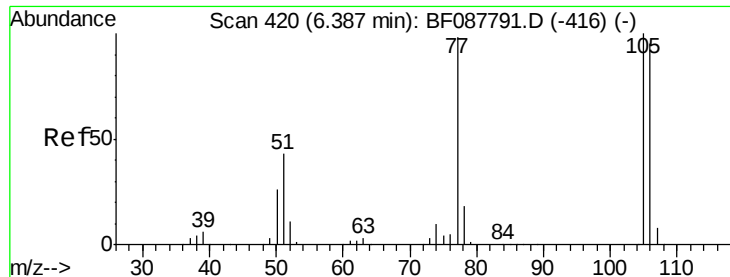
130 32.8 12.0 52.0

64 37.6 30.8 70.8



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: 34.94 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

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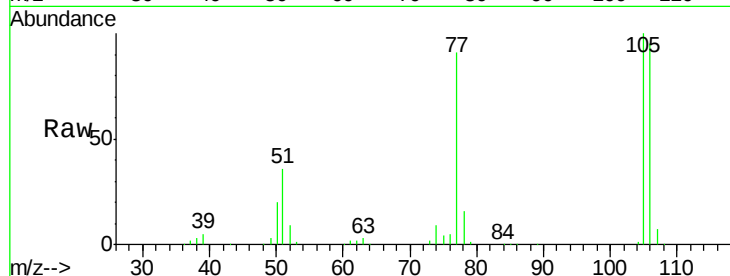
Tgt Ion: 77 Resp: 132064

Ion Ratio Lower Upper

77 100

105 109.8 90.6 130.6

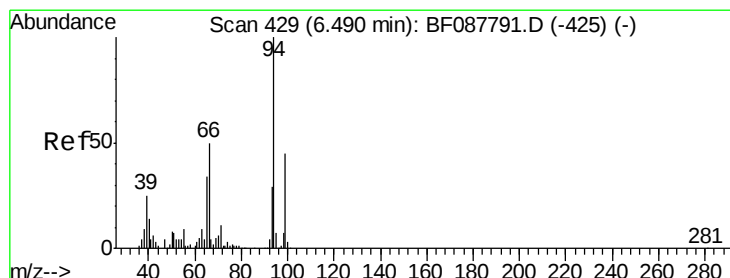
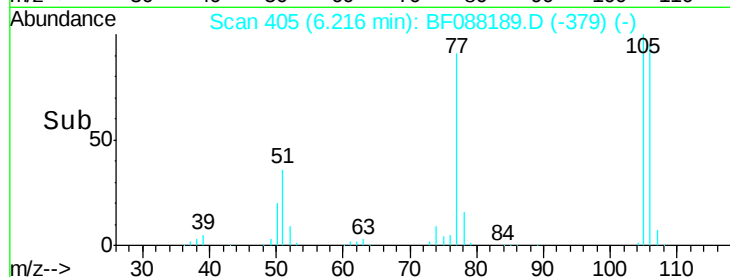
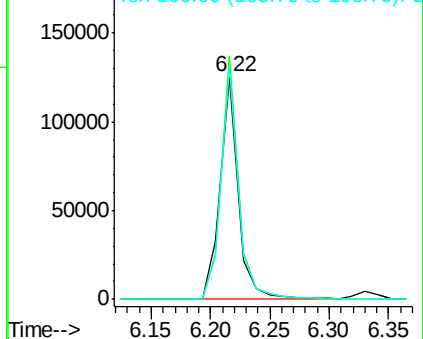
106 104.6 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.07 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

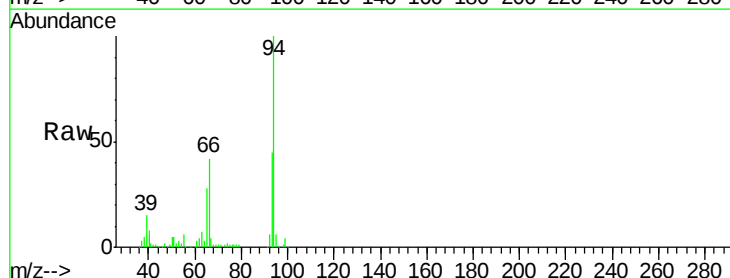
Tgt Ion: 94 Resp: 246104

Ion Ratio Lower Upper

94 100

65 28.0 5.9 45.9

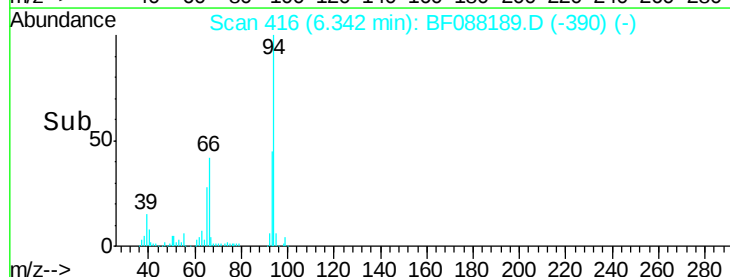
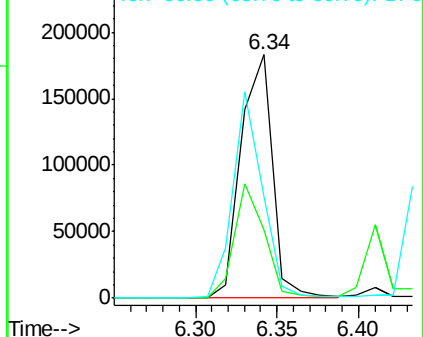
66 41.5 14.0 54.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

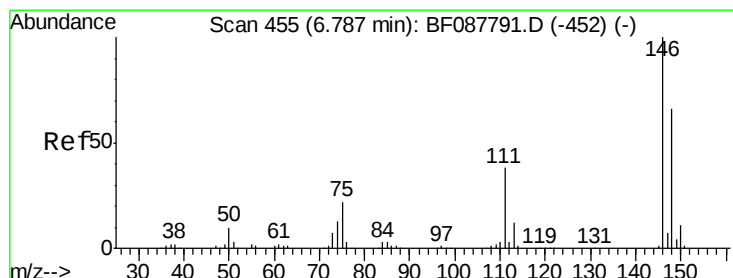
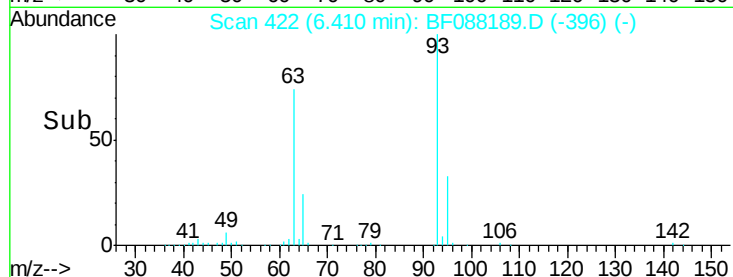
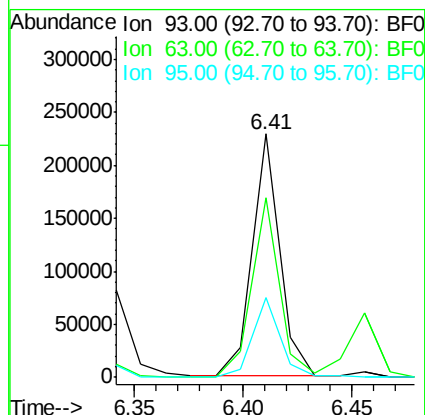
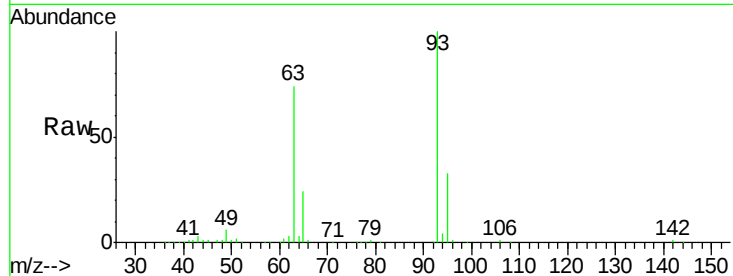




#11
bis(2-Chloroethyl)ether
Concen: 39.77 ng
RT: 6.41 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF088189.D
Acq: 20 Jun 2016 23:48

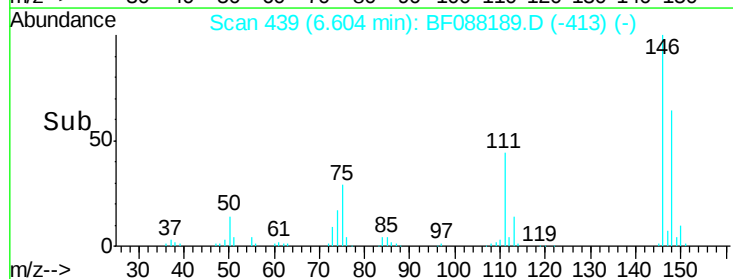
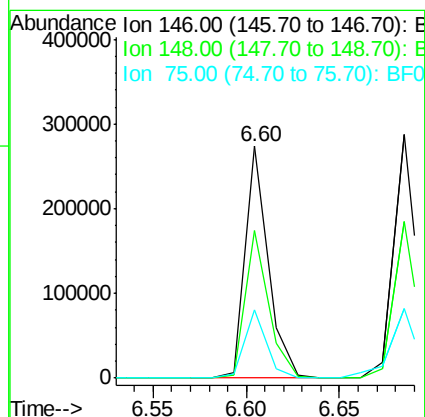
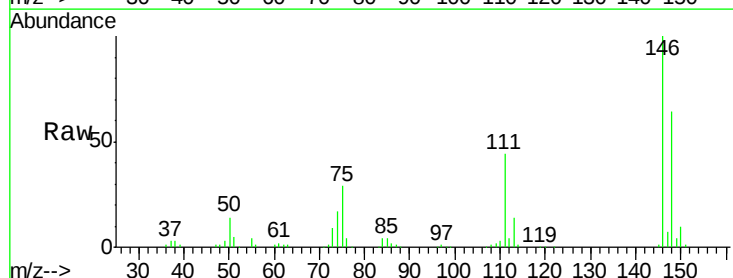
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 201300
Ion Ratio Lower Upper
93 100
63 73.7 67.6 107.6
95 32.8 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 39.21 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF088189.D
Acq: 20 Jun 2016 23:48

Tgt Ion: 146 Resp: 237181
Ion Ratio Lower Upper
146 100
148 63.7 50.9 76.3
75 29.4 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 40.82 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

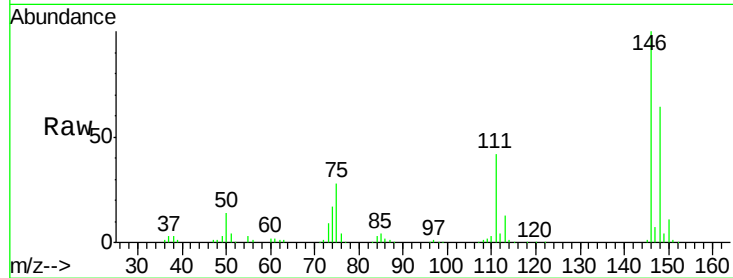
Tgt Ion:146 Resp: 248726

Ion Ratio Lower Upper

146 100

148 64.1 52.0 78.0

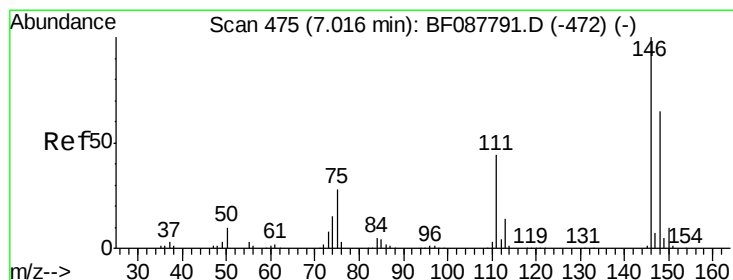
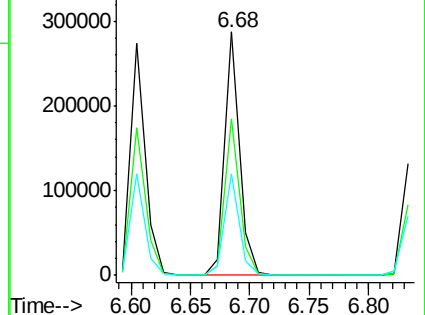
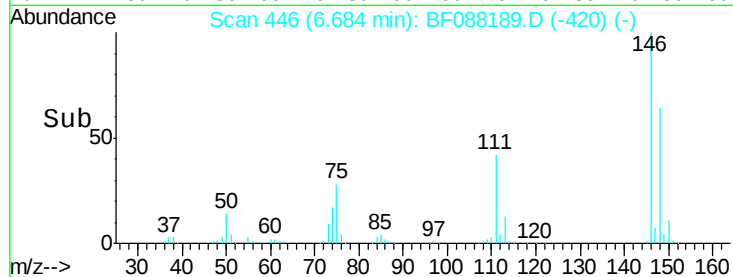
111 41.6 33.8 50.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.97 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

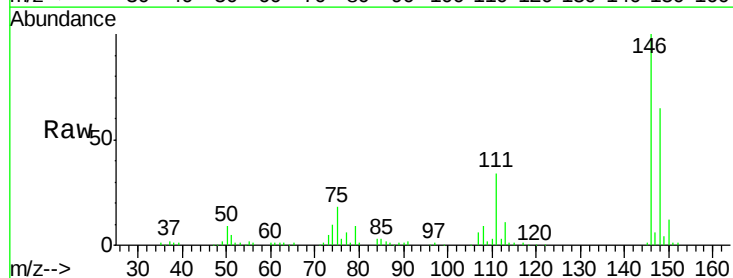
Tgt Ion:146 Resp: 210414

Ion Ratio Lower Upper

146 100

148 65.2 52.3 78.5

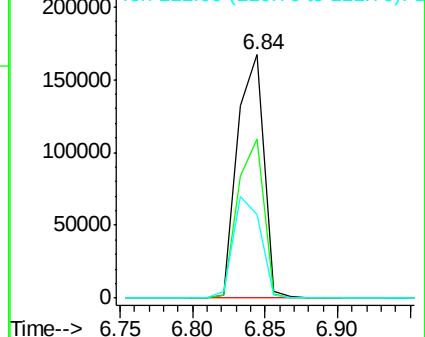
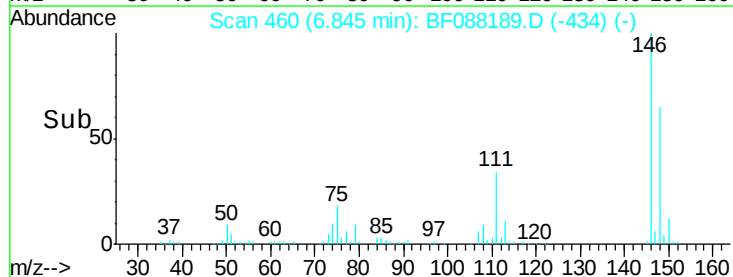
111 34.4 28.7 43.1

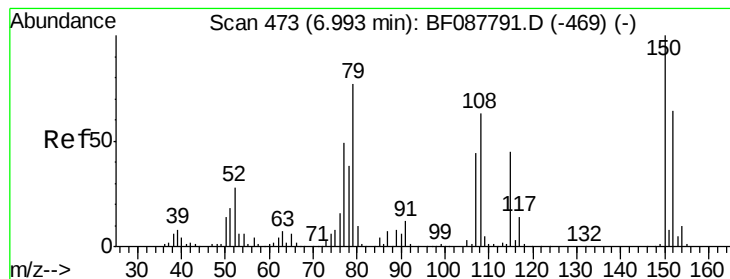


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.97 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

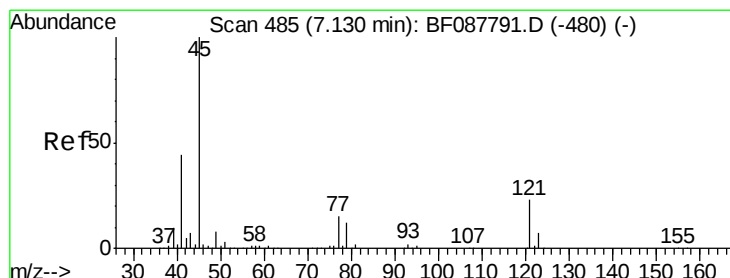
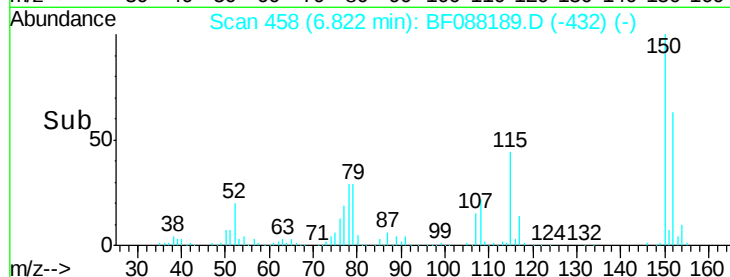
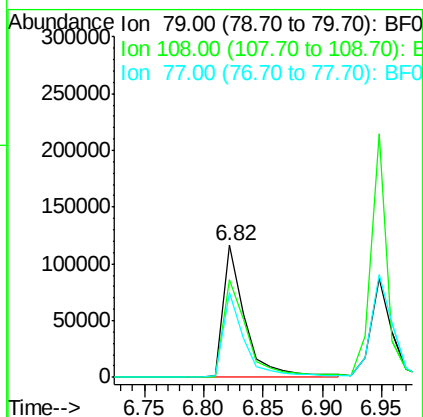
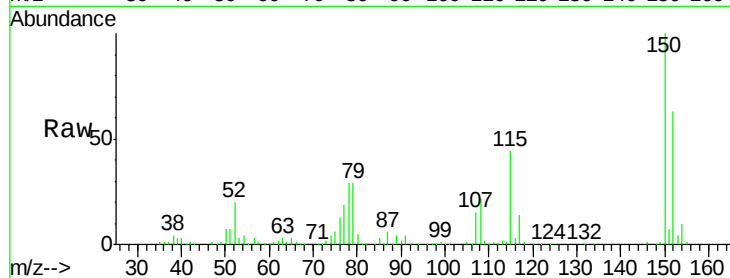
Tgt Ion: 79 Resp: 148879

Ion Ratio Lower Upper

79 100

108 73.8 65.0 97.6

77 63.9 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.38 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

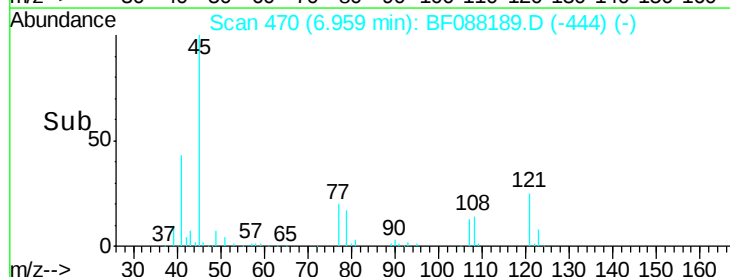
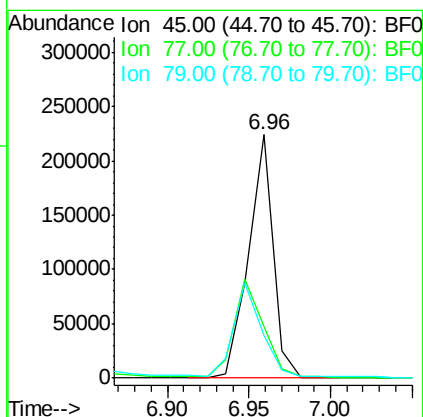
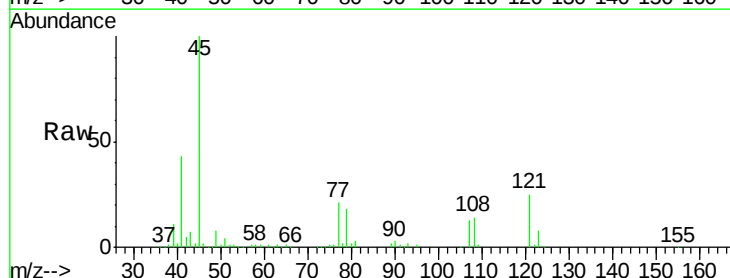
Tgt Ion: 45 Resp: 235135

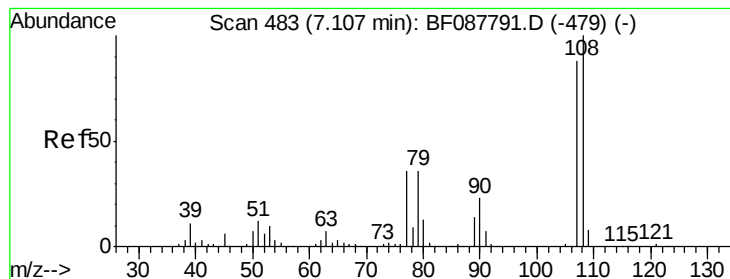
Ion Ratio Lower Upper

45 100

77 21.3 0.0 32.5

79 17.8 0.0 29.5





#17

2-Methylphenol

Concen: 39.32 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 179766

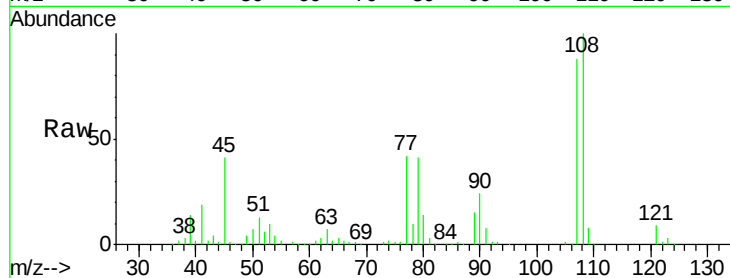
Ion Ratio Lower Upper

107 100

108 113.1 90.9 136.3

77 48.0 36.6 55.0

79 45.9 36.5 54.7

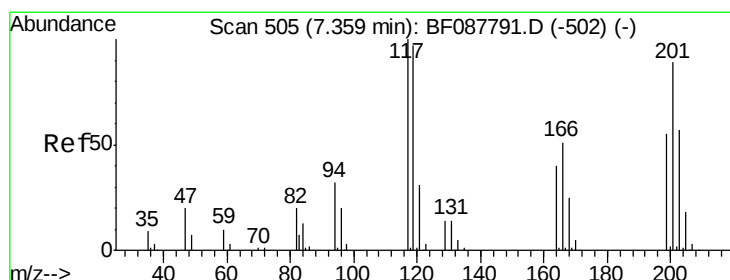
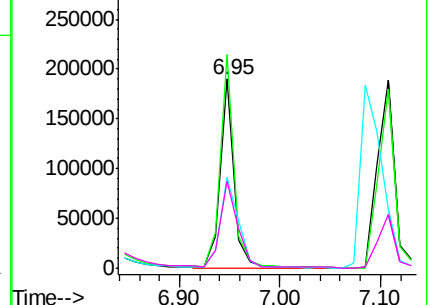
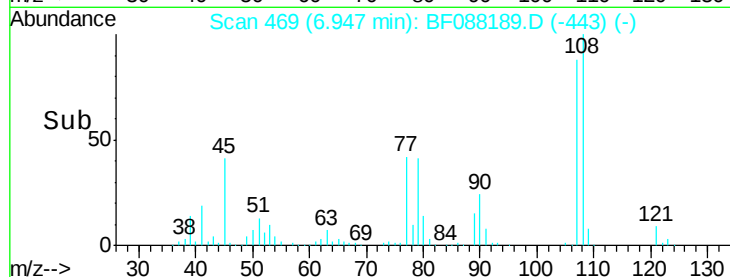


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.19 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

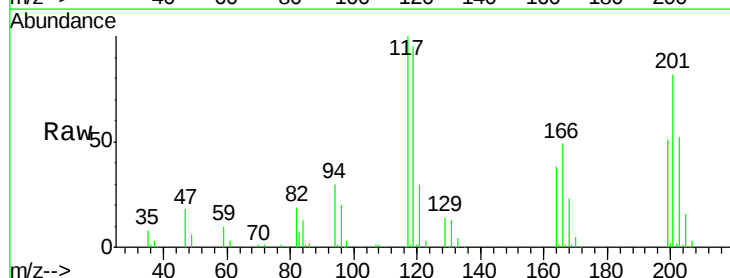
Tgt Ion:117 Resp: 89060

Ion Ratio Lower Upper

117 100

119 95.4 77.4 116.2

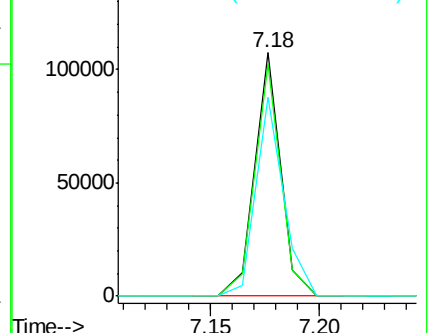
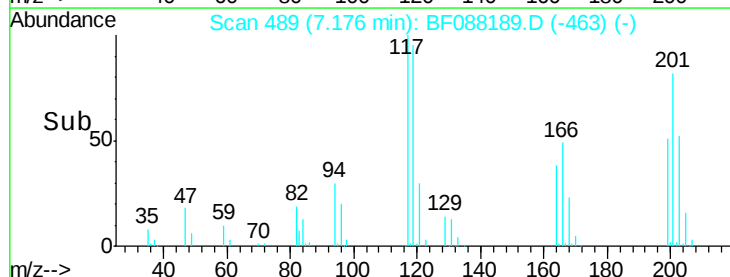
201 81.7 80.4 120.6

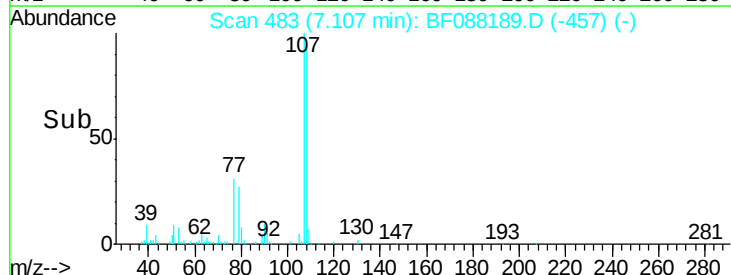
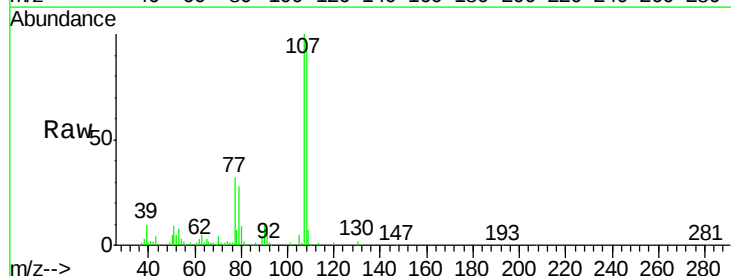
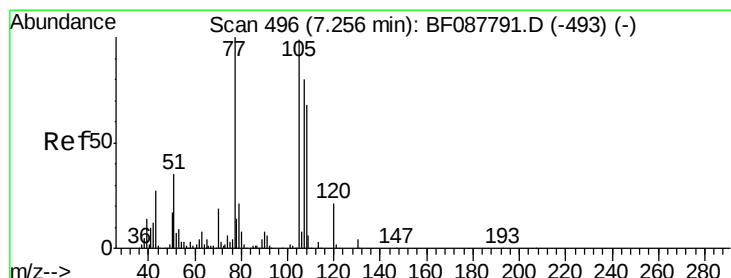
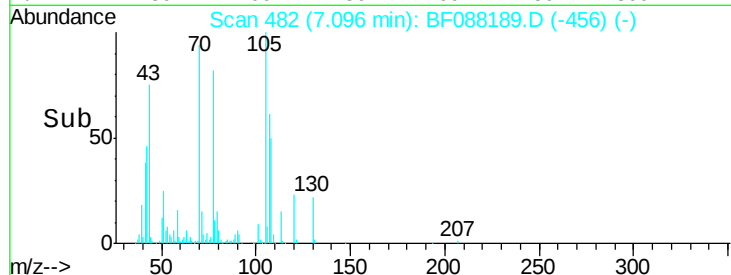
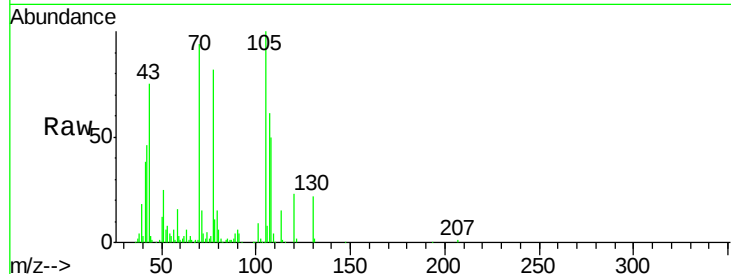


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

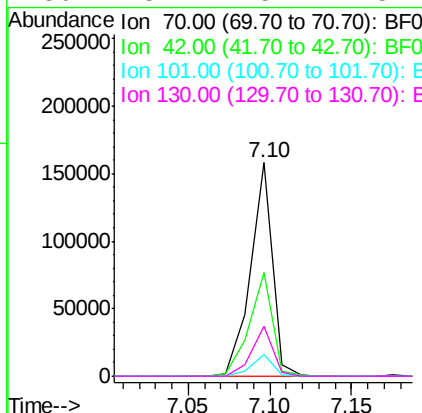




#19
n-Nitroso-di-n-propylamine
Concen: 39.96 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF088189.D
Acq: 20 Jun 2016 23:48

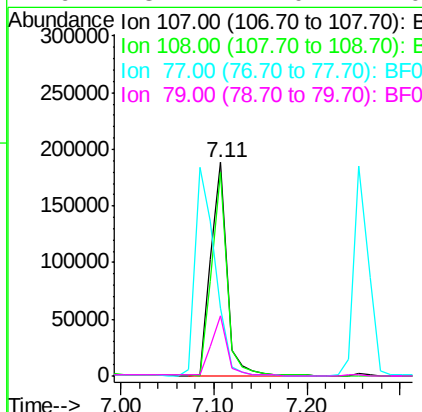
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

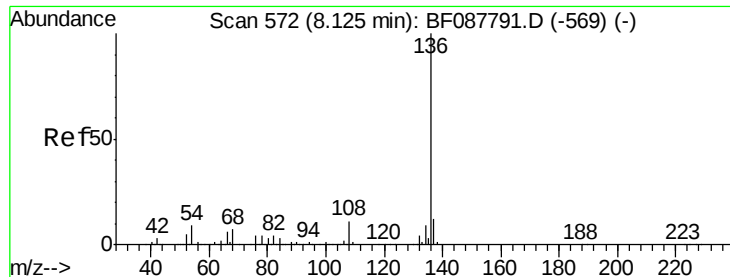
Tgt Ion: 70 Resp: 147585
Ion Ratio Lower Upper
70 100
42 48.4 49.6 74.4#
101 10.0 7.1 10.7
130 23.1 15.4 23.2



#20
3+4-Methylphenols
Concen: 42.74 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF088189.D
Acq: 20 Jun 2016 23:48

Tgt Ion: 107 Resp: 228008
Ion Ratio Lower Upper
107 100
108 95.5 67.8 107.8
77 31.6 59.3 99.3#
79 28.4 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 336136

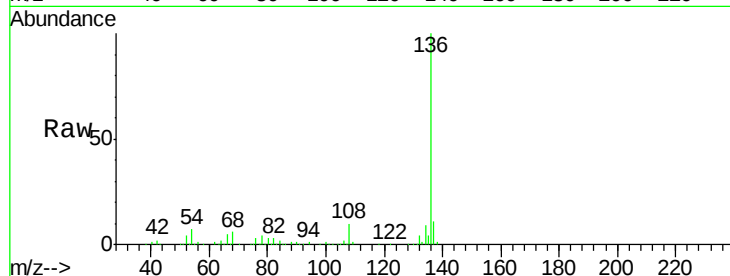
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.1 6.6 10.0

68 6.1 5.1 7.7

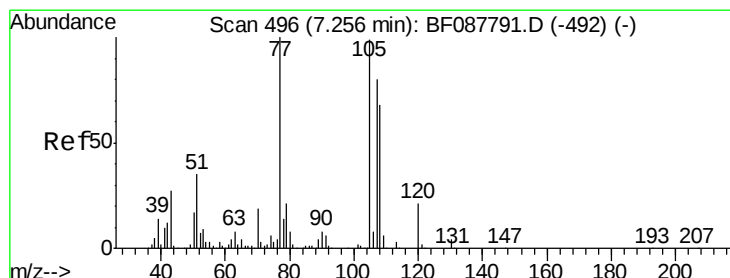
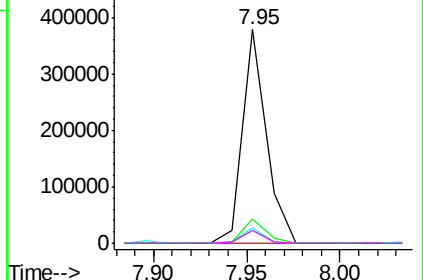
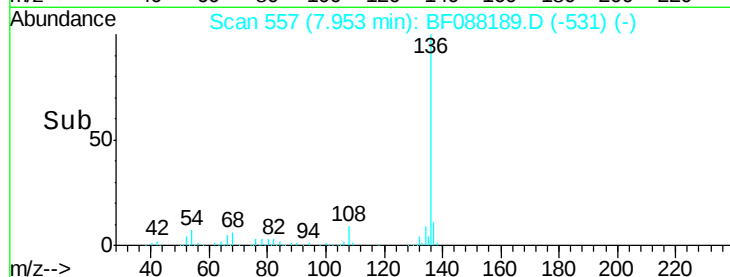


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.95 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

Tgt Ion:105 Resp: 292553

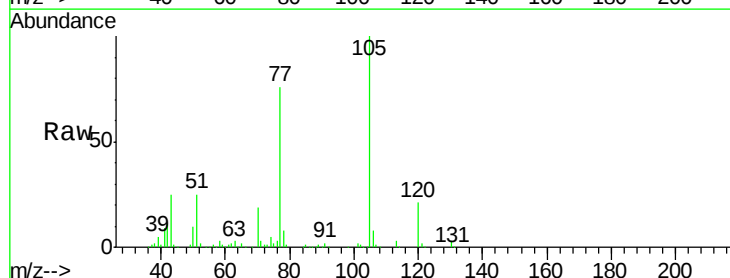
Ion Ratio Lower Upper

105 100

71 3.2 5.3 7.9#

51 24.5 18.2 27.4

120 21.1 18.0 27.0

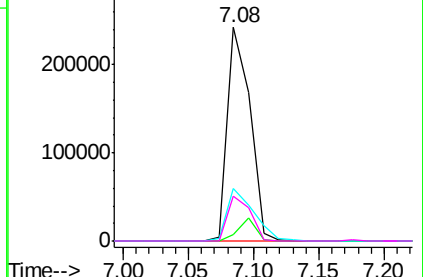
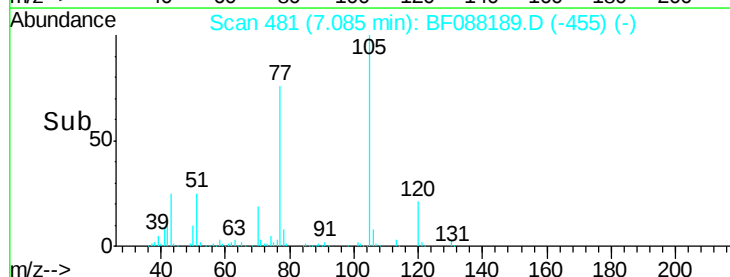


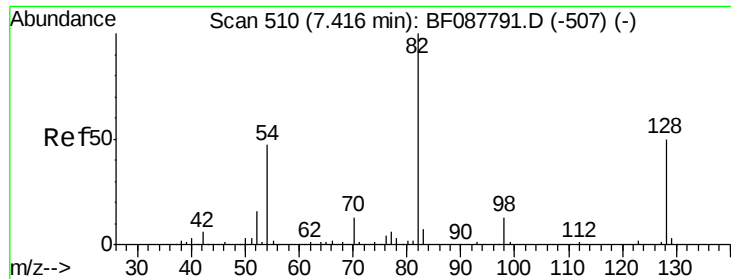
Abundance Ion 105.00 (104.70 to 105.70): E

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

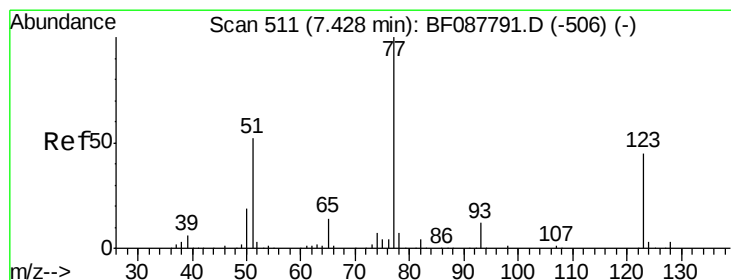
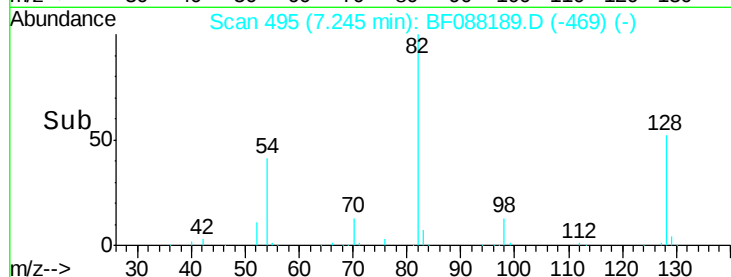
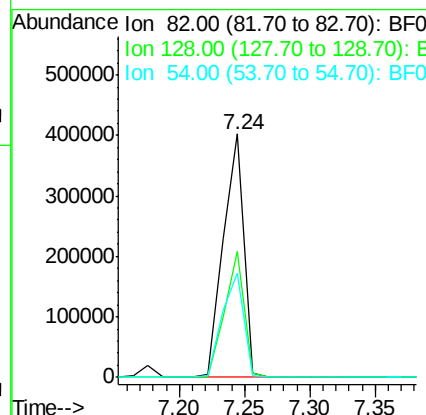
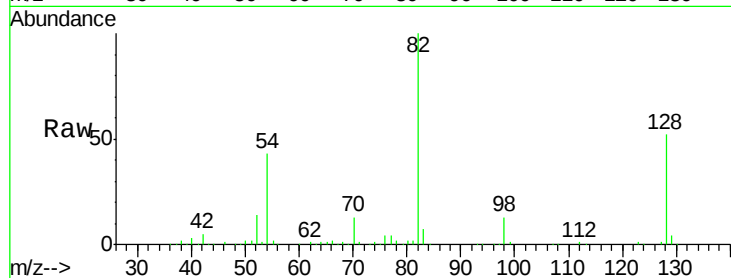




#23
 Nitrobenzene-d5
 Concen: 77.02 ng
 RT: 7.24 min Scan# 495
 Delta R.T. -0.00 min
 Lab File: BF088189.D
 Acq: 20 Jun 2016 23:48

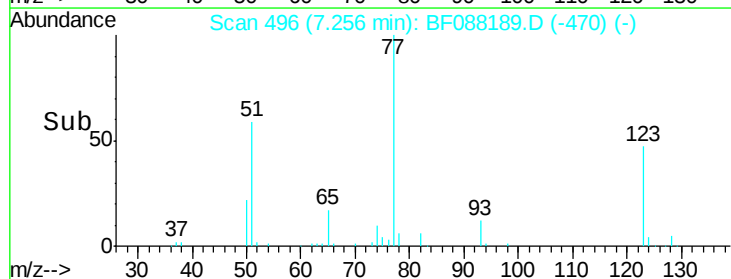
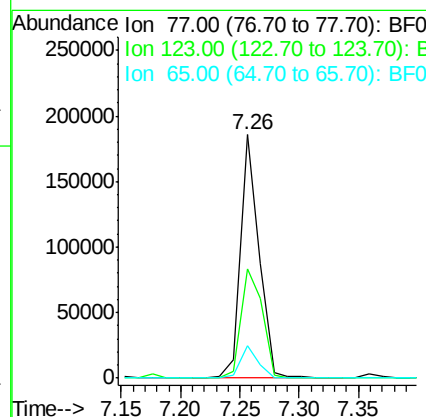
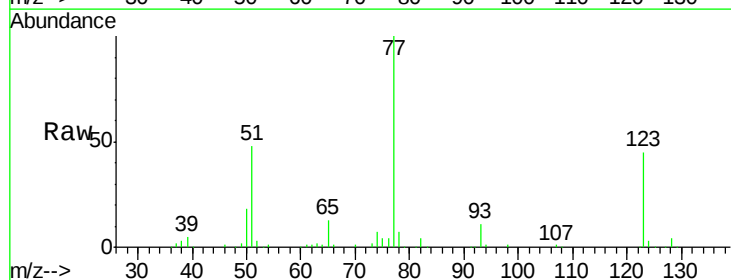
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 82 Resp: 443377
 Ion Ratio Lower Upper
 82 100
 128 51.6 35.9 53.9
 54 42.9 40.9 61.3



#24
 Nitrobenzene
 Concen: 36.18 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF088189.D
 Acq: 20 Jun 2016 23:48

Tgt Ion: 77 Resp: 201731
 Ion Ratio Lower Upper
 77 100
 123 44.8 45.0 67.4#
 65 13.2 10.2 15.2

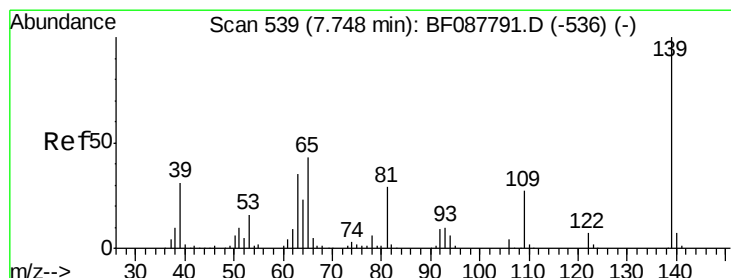
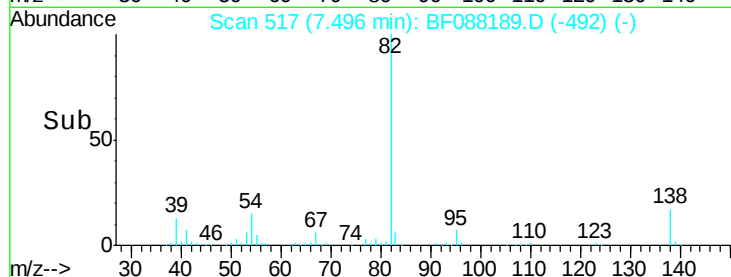
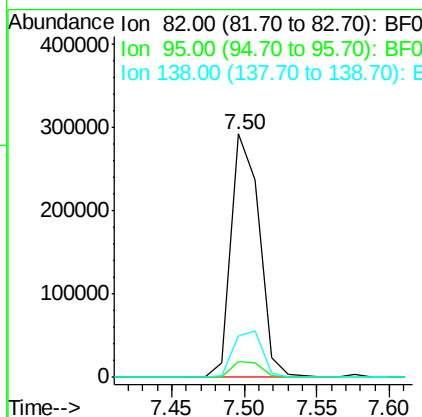
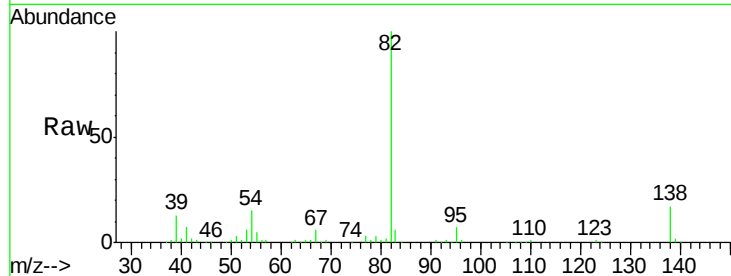




#25
Isophorone
Concen: 37.03 ng
RT: 7.50 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF088189.D
Acq: 20 Jun 2016 23:48

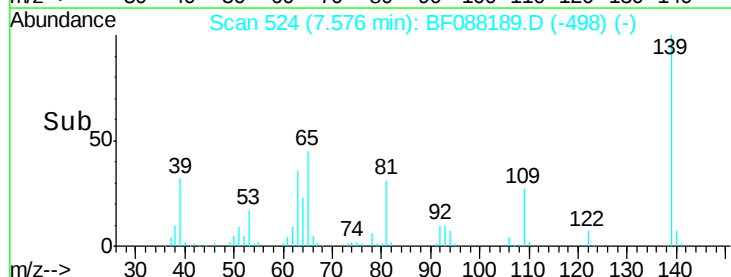
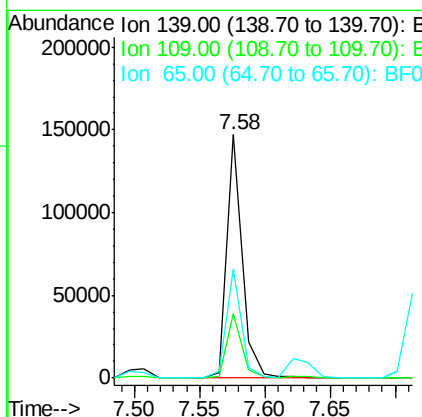
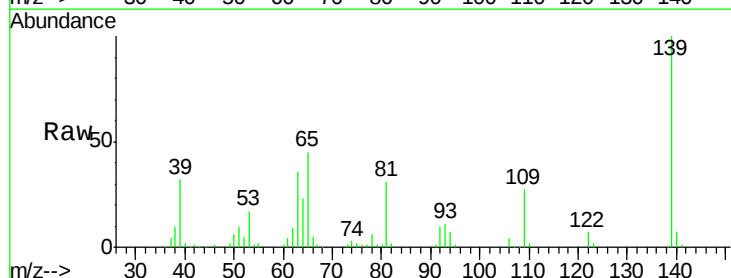
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

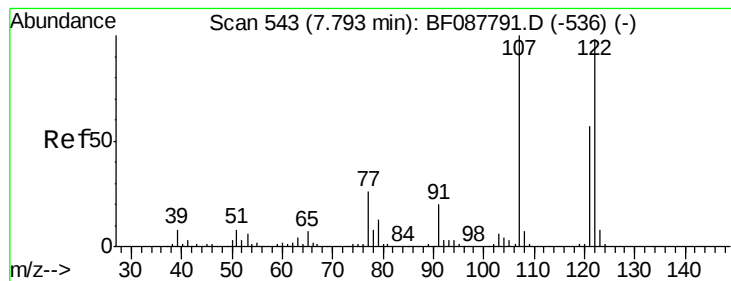
Tgt Ion: 82 Resp: 394818
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 16.8 14.6 21.8



#26
2-Nitrophenol
Concen: 40.89 ng
RT: 7.58 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF088189.D
Acq: 20 Jun 2016 23:48

Tgt Ion: 139 Resp: 122133
Ion Ratio Lower Upper
139 100
109 26.6 23.0 34.4
65 45.0 45.8 68.8#





#27

2,4-Dimethylphenol

Concen: 35.24 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

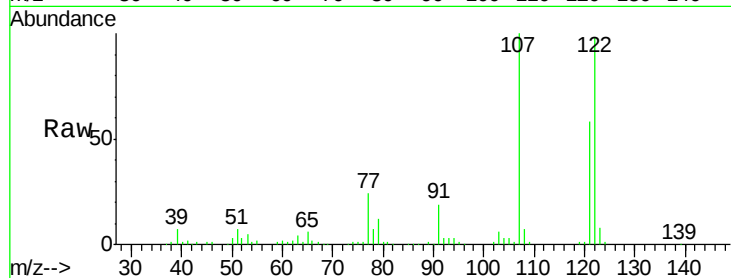
Tgt Ion: 122 Resp: 193809

Ion Ratio Lower Upper

122 100

107 101.7 82.4 123.6

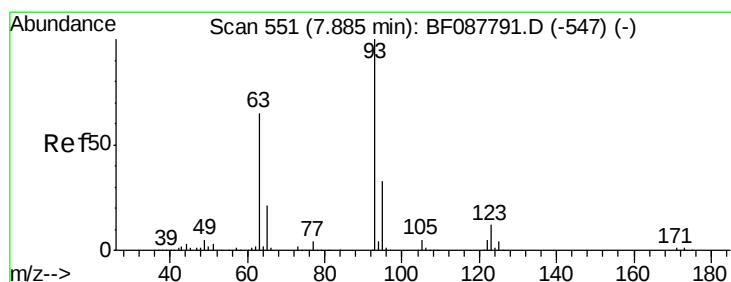
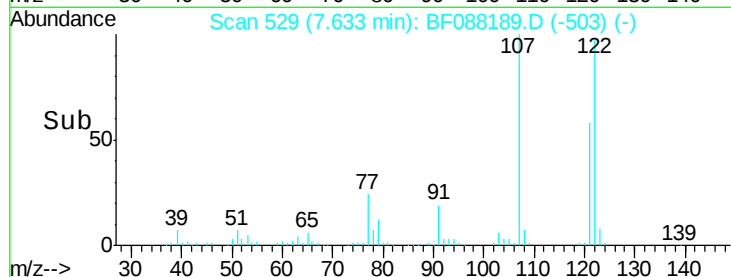
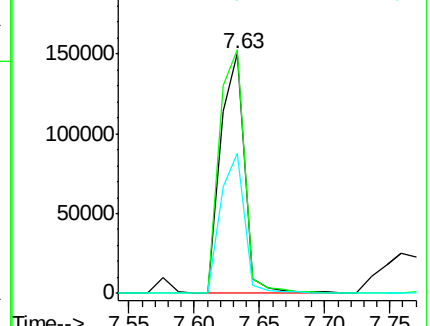
121 58.5 46.3 69.5



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: 37.47 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

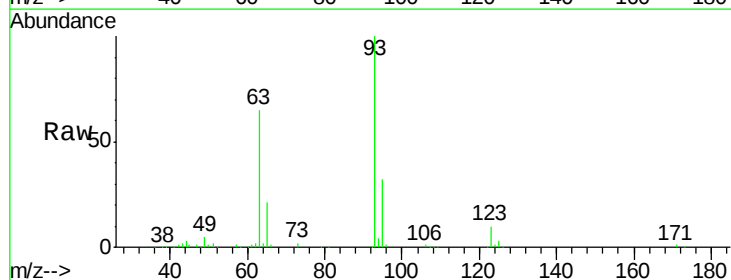
Tgt Ion: 93 Resp: 247763

Ion Ratio Lower Upper

93 100

95 32.0 26.5 39.7

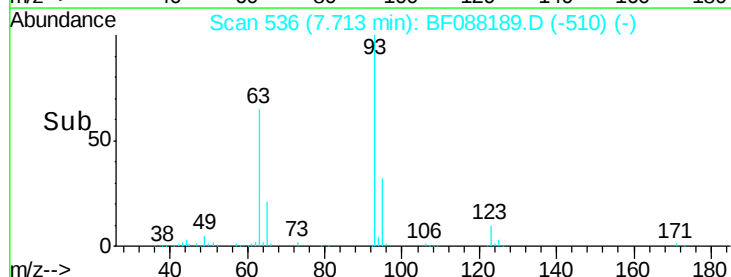
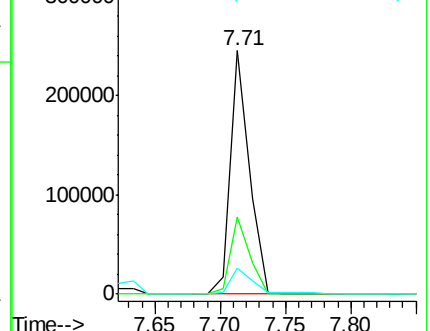
123 10.4 11.6 17.4#



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

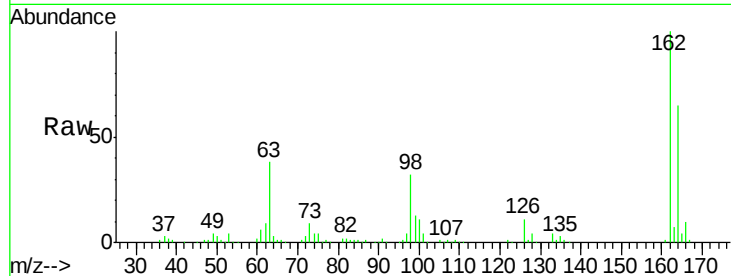




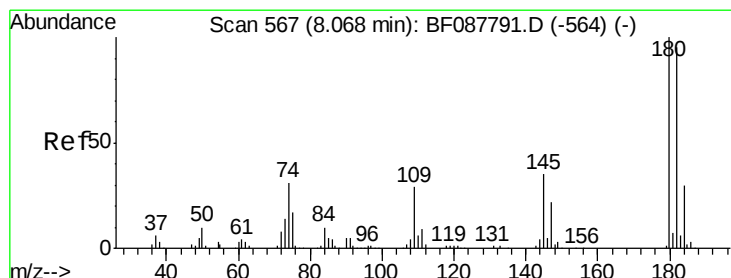
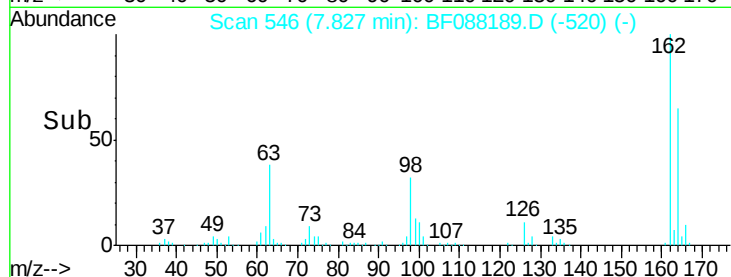
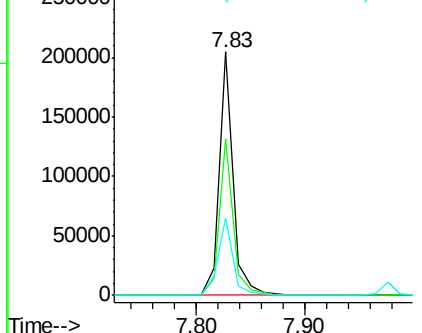
#29
 2,4-Dichlorophenol
 Concen: 39.86 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF088189.D
 Acq: 20 Jun 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:162 Resp: 183024
 Ion Ratio Lower Upper
 162 100
 164 64.6 43.8 83.8
 98 31.8 21.3 61.3

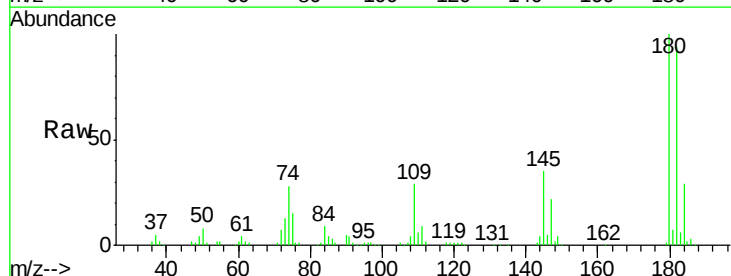


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

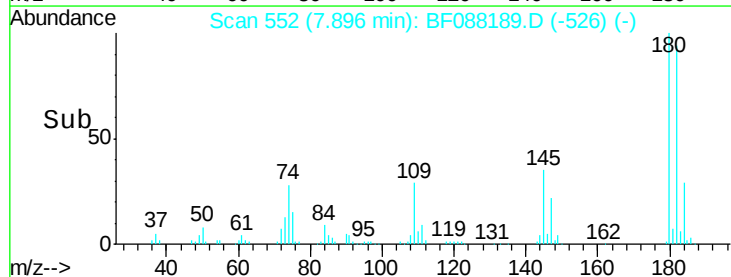
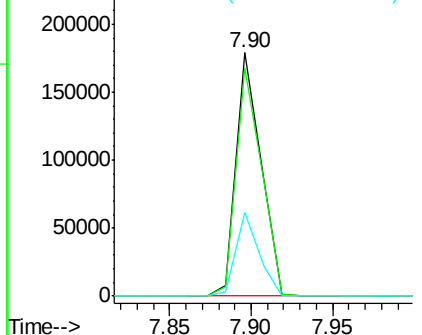


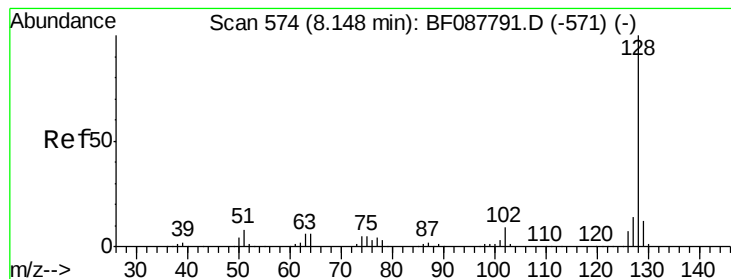
#30
 1,2,4-Trichlorobenzene
 Concen: 37.55 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.00 min
 Lab File: BF088189.D
 Acq: 20 Jun 2016 23:48

Tgt Ion:180 Resp: 187768
 Ion Ratio Lower Upper
 180 100
 182 93.6 76.0 114.0
 145 34.6 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: 38.58 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

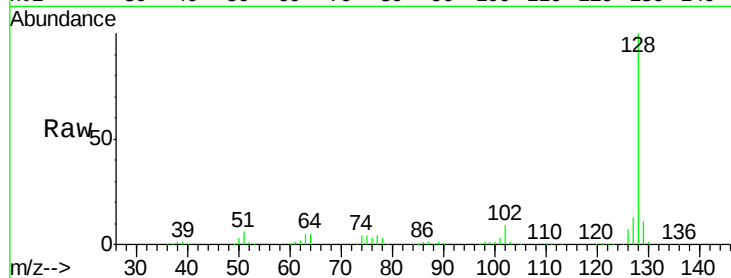
Tgt Ion:128 Resp: 641717

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

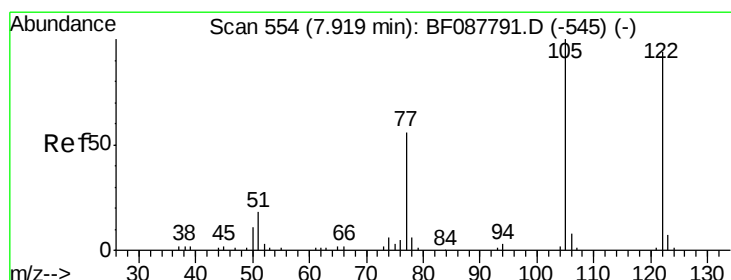
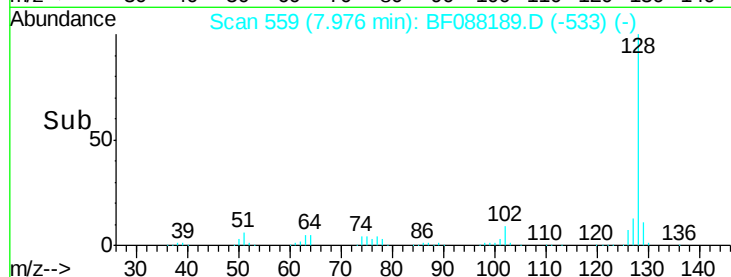
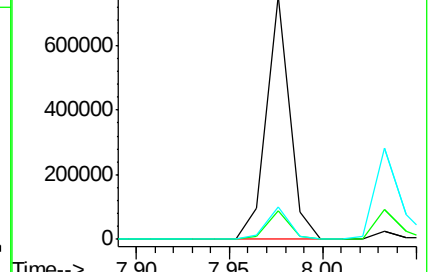
127 13.3 10.9 16.3



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: 21.95 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

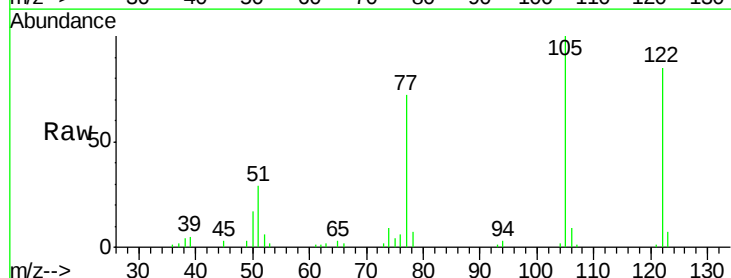
Tgt Ion:122 Resp: 66457

Ion Ratio Lower Upper

122 100

105 118.3 101.6 141.6

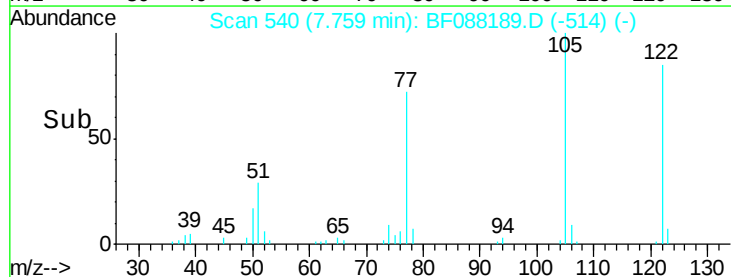
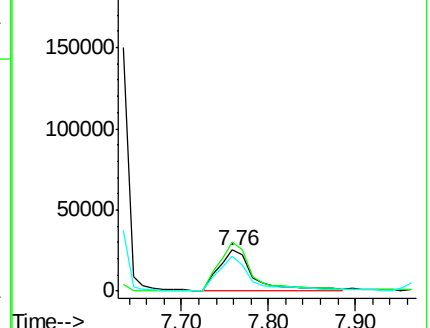
77 84.7 70.6 110.6



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

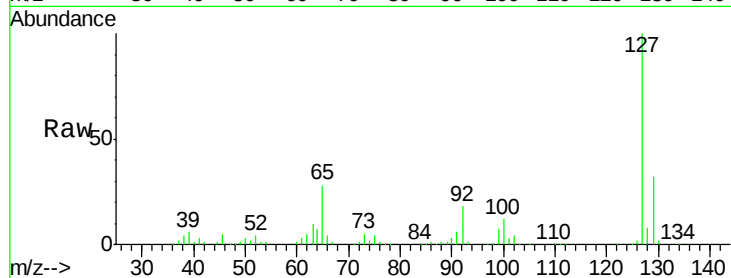




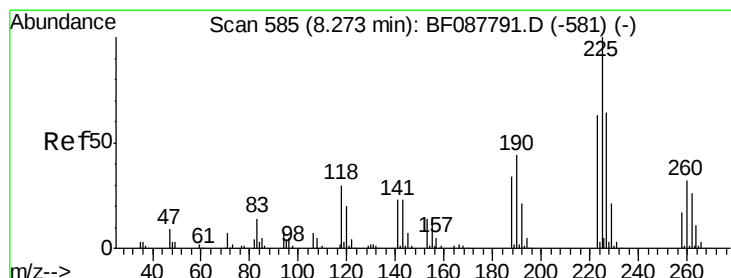
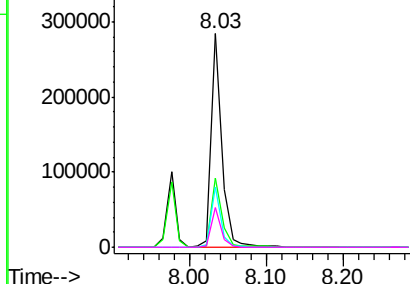
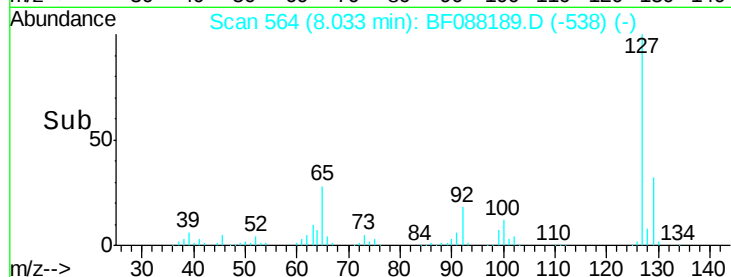
#33
4-Chloroaniline
Concen: 36.62 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF088189.D
Acq: 20 Jun 2016 23:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	271973
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	28.3	24.7	37.1
92	18.4	15.4	23.0

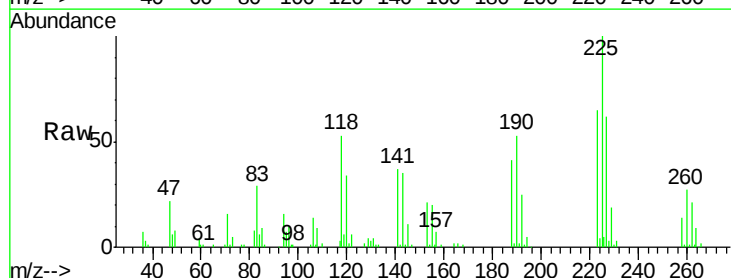


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

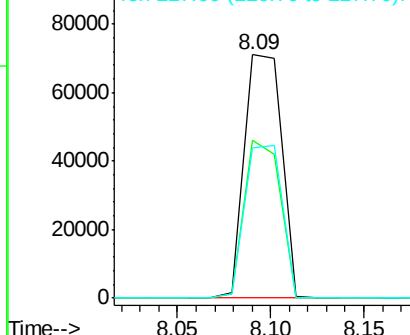
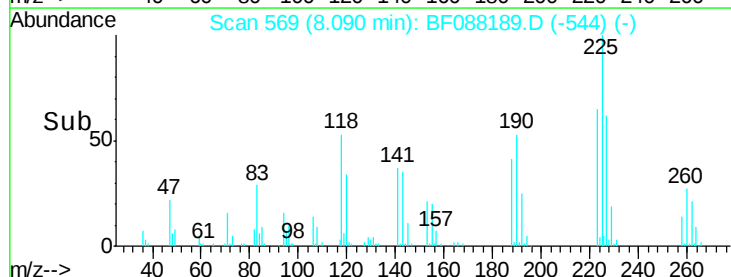


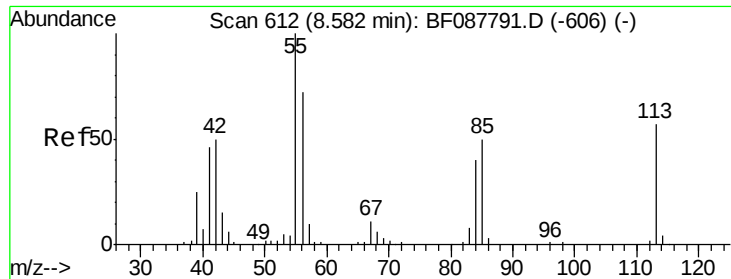
#34
Hexachlorobutadiene
Concen: 37.21 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF088189.D
Acq: 20 Jun 2016 23:48

Tgt Ion:	225	Resp:	98128
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.9	76.3
227	61.6	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

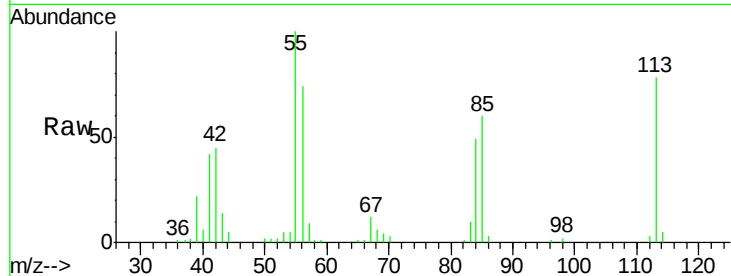




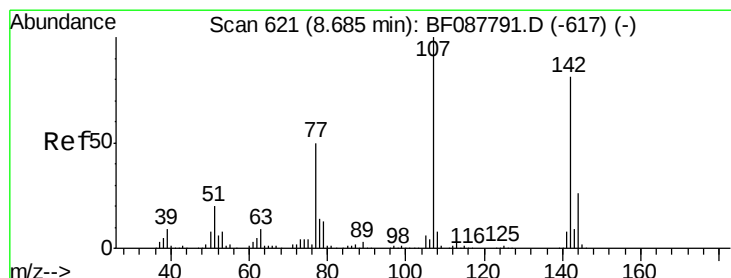
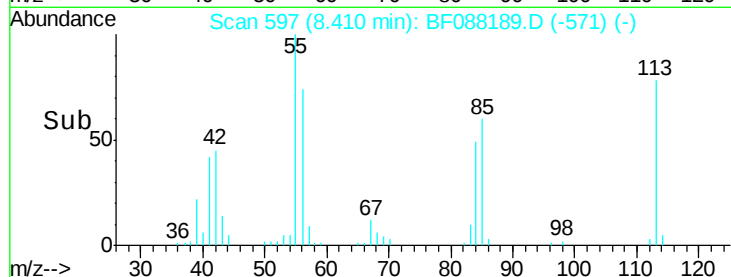
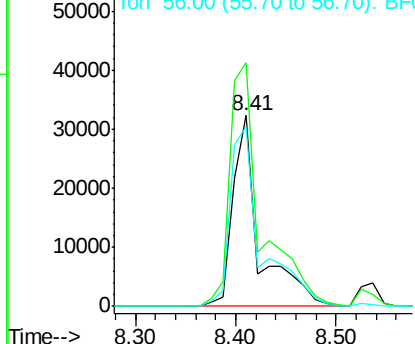
#35
 Caprolactam
 Concen: 38.79 ng
 RT: 8.41 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF088189.D
 Acq: 20 Jun 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 58995
 Ion Ratio Lower Upper
 113 100
 55 127.6 158.6 198.6#
 56 94.5 110.6 150.6#

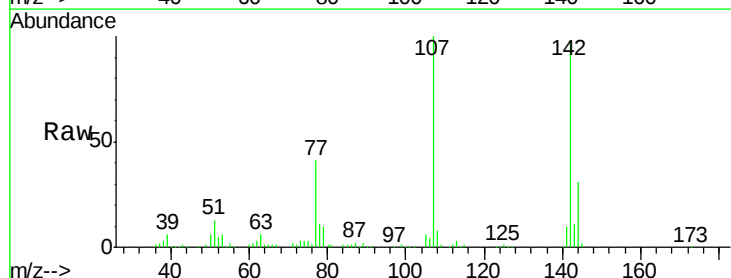


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

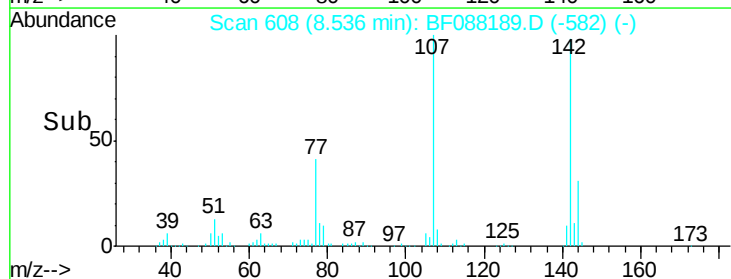
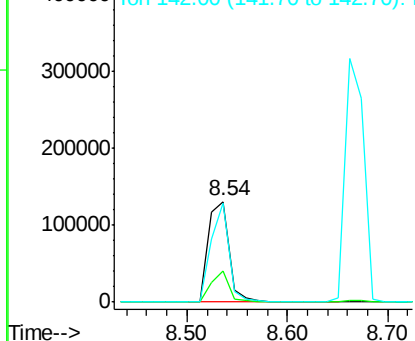


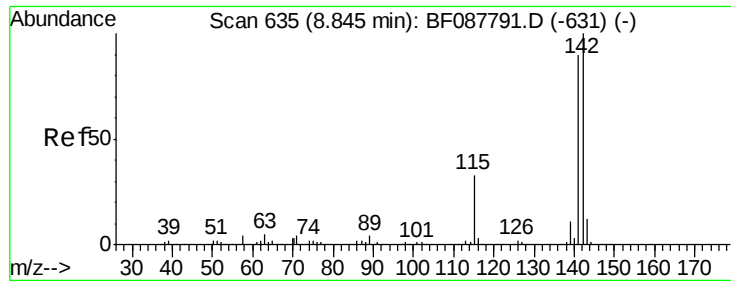
#36
 4-Chloro-3-methylphenol
 Concen: 38.16 ng
 RT: 8.54 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF088189.D
 Acq: 20 Jun 2016 23:48

Tgt Ion:107 Resp: 187391
 Ion Ratio Lower Upper
 107 100
 144 31.5 20.8 31.2#
 142 97.7 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

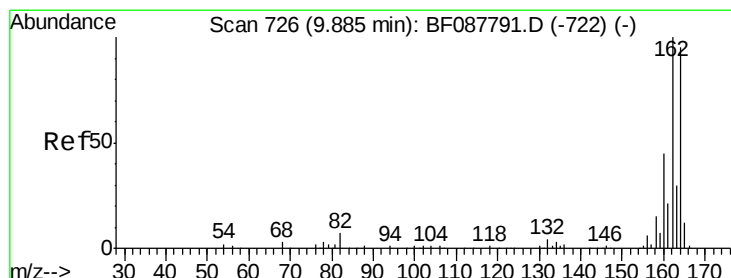
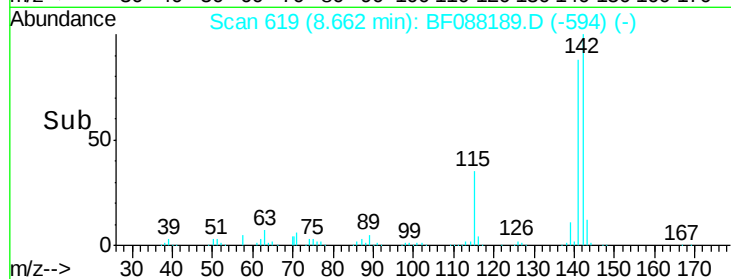
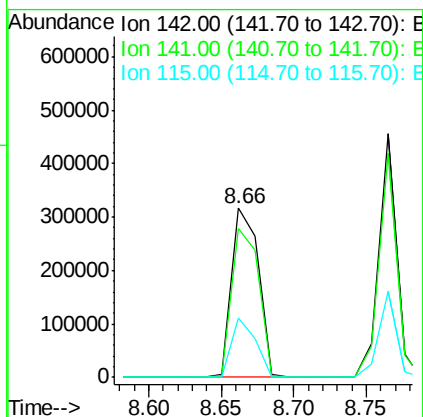
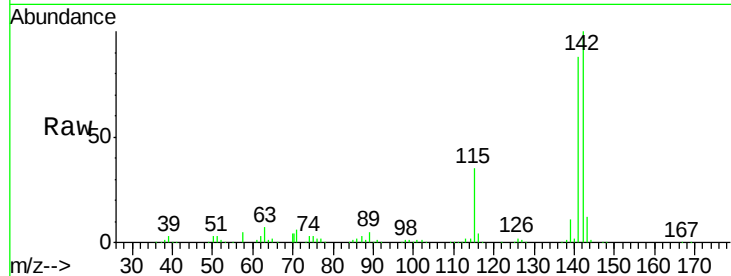




#37
2-Methylnaphthalene
Concen: 37.07 ng
RT: 8.66 min Scan# 619
Delta R.T. -0.01 min
Lab File: BF088189.D
Acq: 20 Jun 2016 23:48

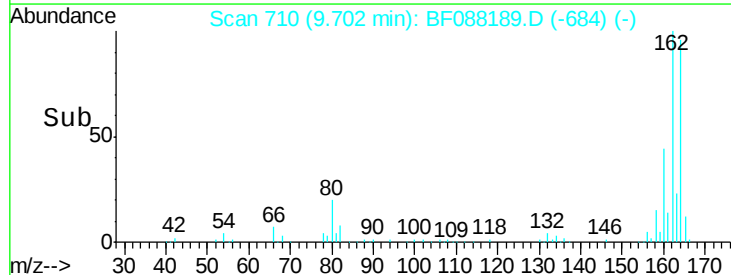
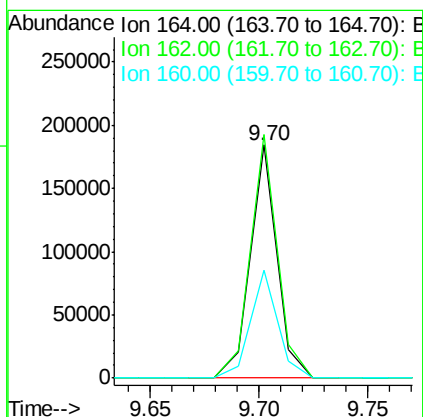
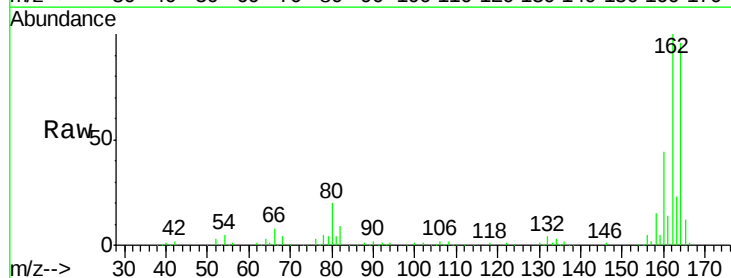
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:142 Resp: 406471
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.6
115 35.0 22.6 33.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF088189.D
Acq: 20 Jun 2016 23:48

Tgt Ion:164 Resp: 156513
Ion Ratio Lower Upper
164 100
162 104.4 85.4 128.2
160 46.2 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.20 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 178370

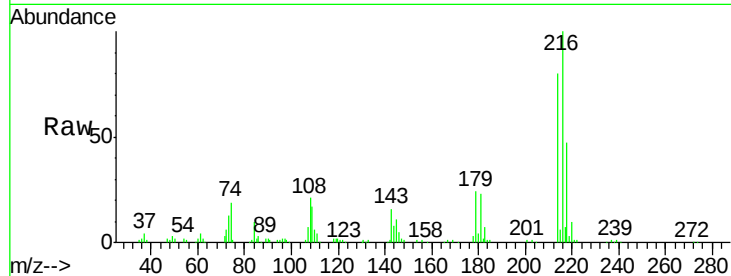
Ion Ratio Lower Upper

216 100

214 79.1 2.9 4.3#

179 23.1 0.0 0.0#

108 21.8 0.5 0.7#

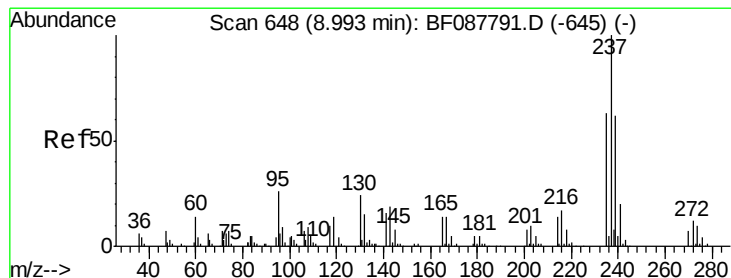
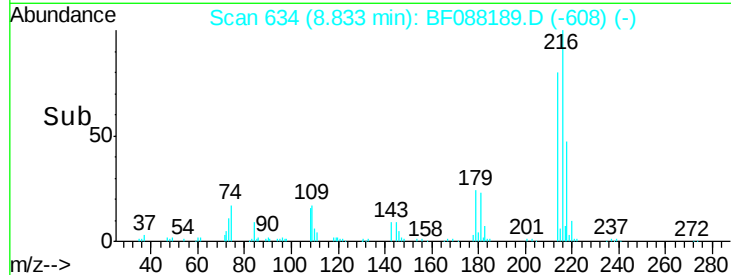
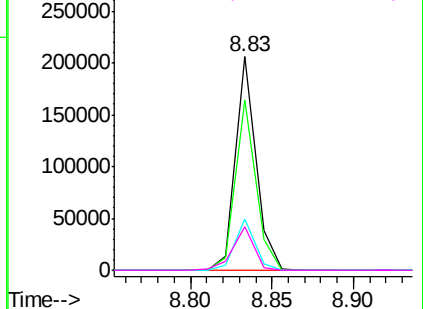


Abundance Ion 216.00 (215.70 to 216.70): E

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: 34.03 ng

RT: 8.82 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

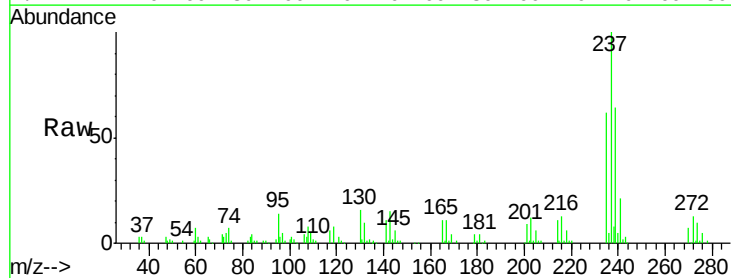
Tgt Ion:237 Resp: 85915

Ion Ratio Lower Upper

237 100

235 62.3 43.4 83.4

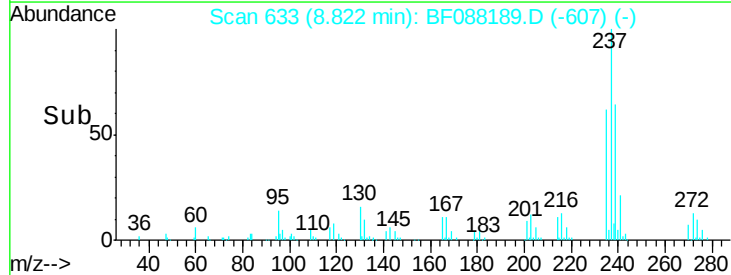
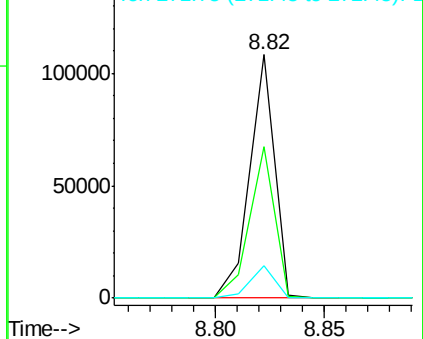
272 13.4 0.0 32.3



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

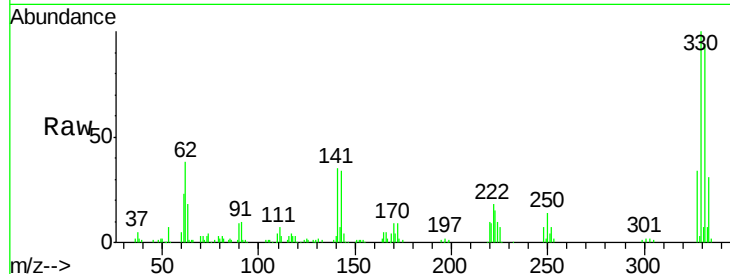




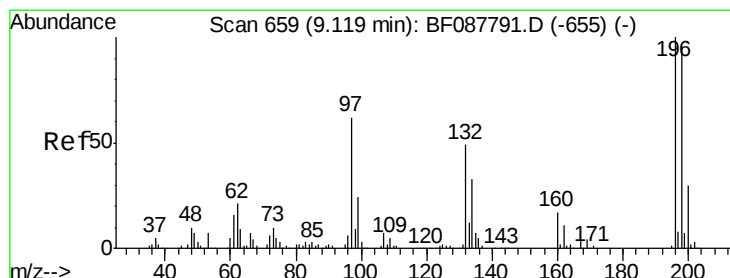
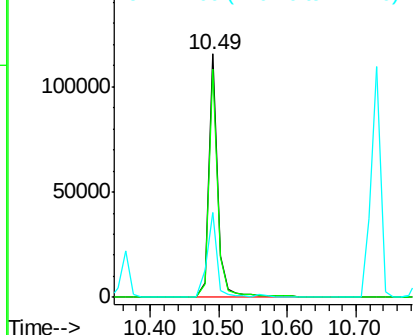
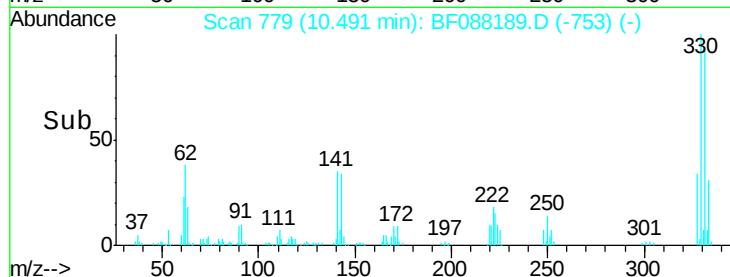
#41
 2,4,6-Tribromophenol
 Concen: 64.54 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088189.D
 Acq: 20 Jun 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	0.0	0.0#
141	38.2	0.0	0.0#

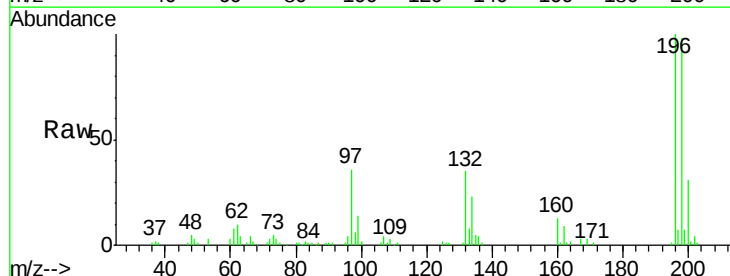


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

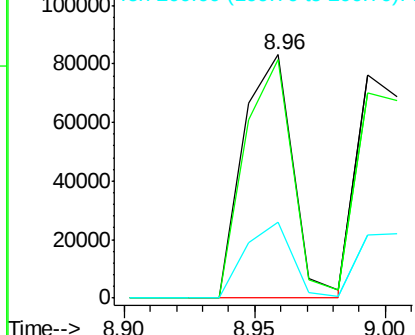
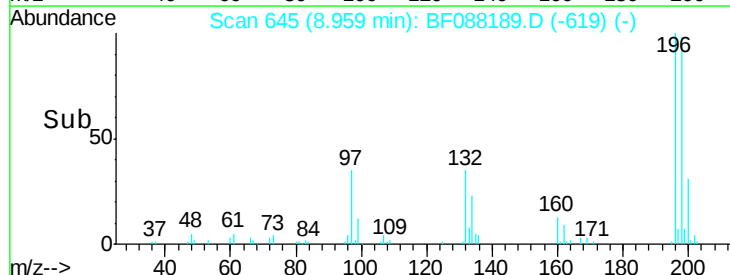


#42
 2,4,6-Trichlorophenol
 Concen: 34.84 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF088189.D
 Acq: 20 Jun 2016 23:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	78.0	117.0
200	31.1	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

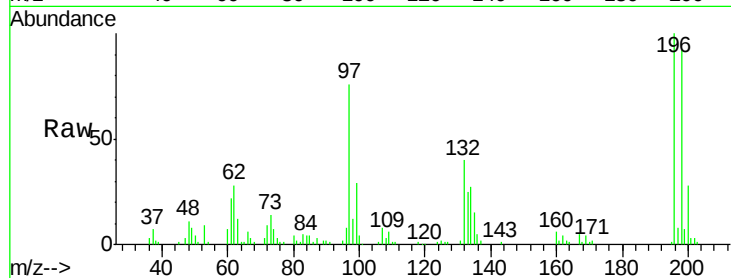




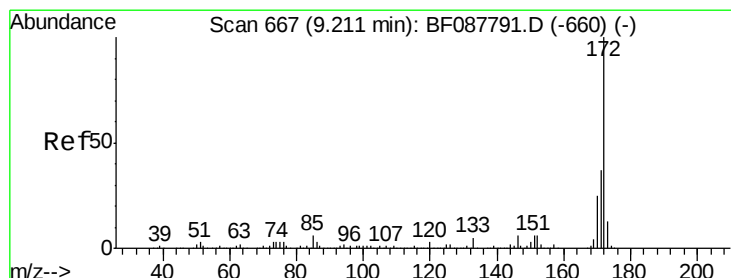
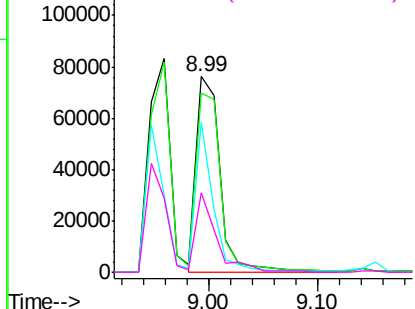
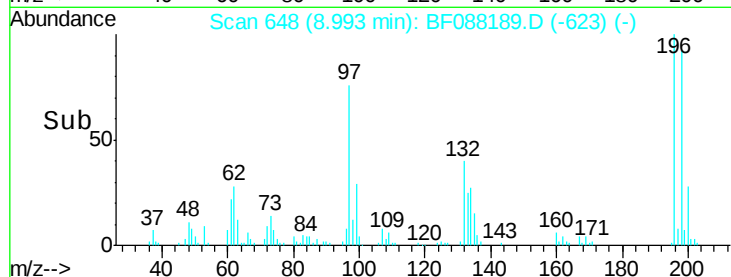
#43
 2,4,5-Trichlorophenol
 Concen: 36.04 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF088189.D
 Acq: 20 Jun 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 117367
 Ion Ratio Lower Upper
 196 100
 198 91.7 77.5 116.3
 97 76.2 32.0 48.0#
 132 40.4 20.9 31.3#

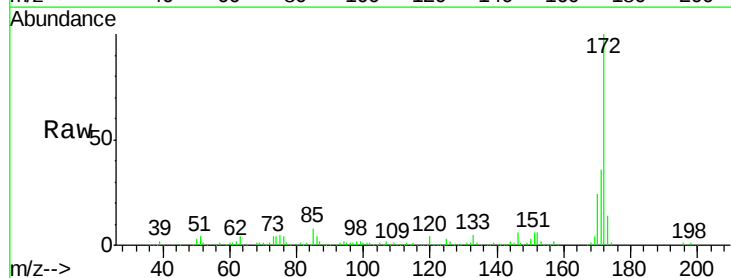


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

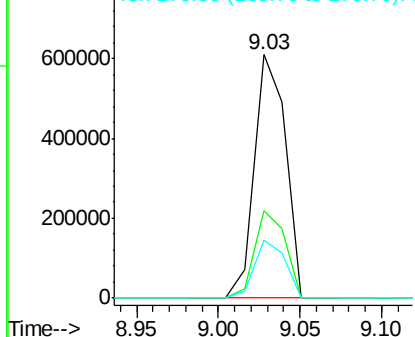
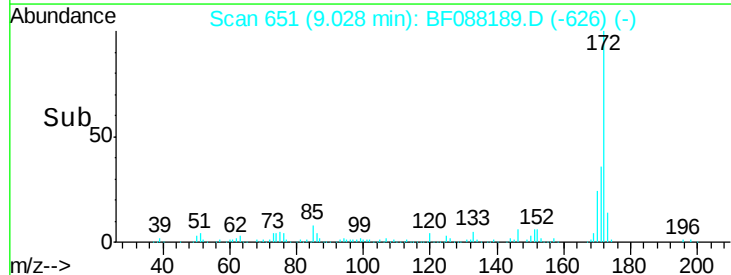


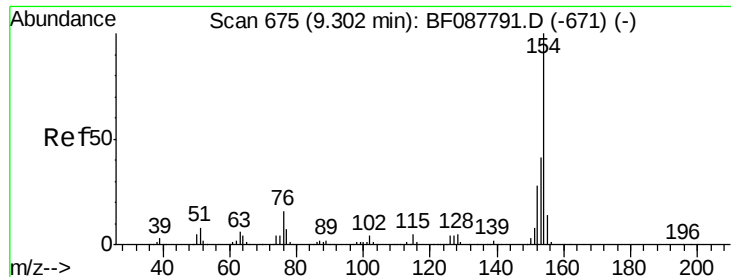
#44
 2-Fluorobiphenyl
 Concen: 80.72 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088189.D
 Acq: 20 Jun 2016 23:48

Tgt Ion:172 Resp: 806975
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.9 19.2 28.8



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

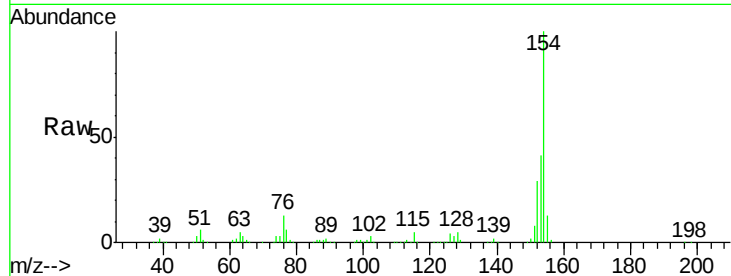




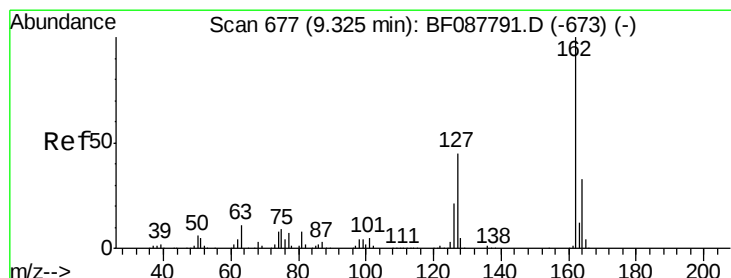
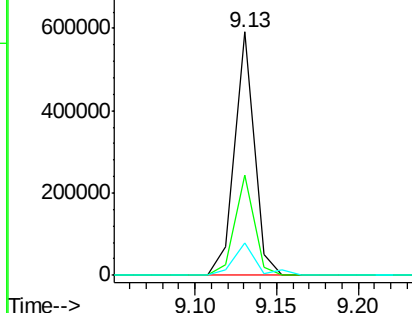
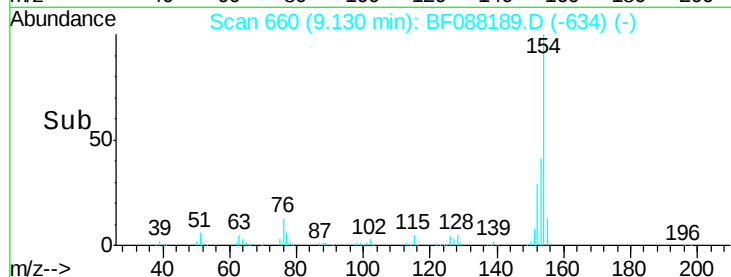
#45
 1,1'-Biphenyl
 Concen: 41.10 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.00 min
 Lab File: BF088189.D
 Acq: 20 Jun 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:154 Resp: 489183
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.6 60.6
 76 13.1 0.0 35.1

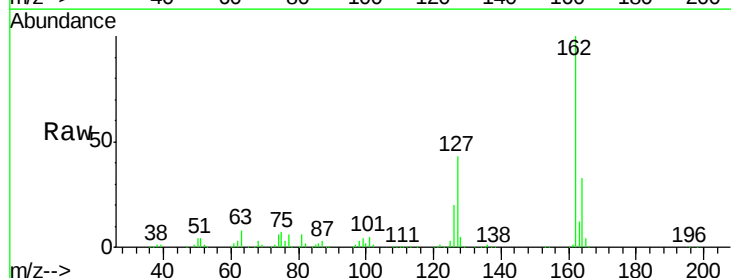


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

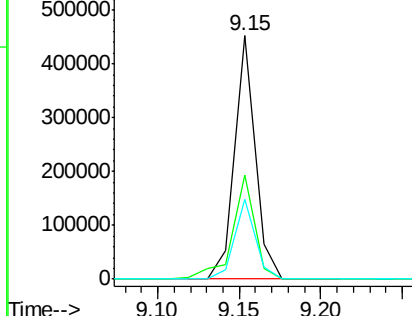
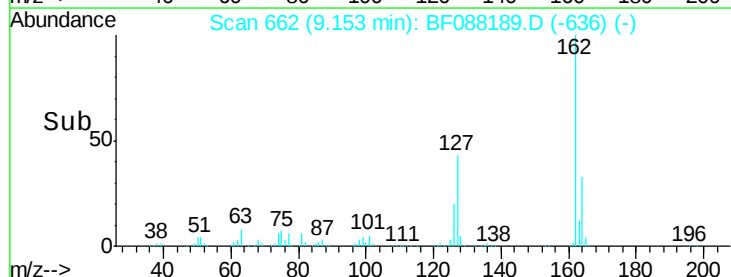


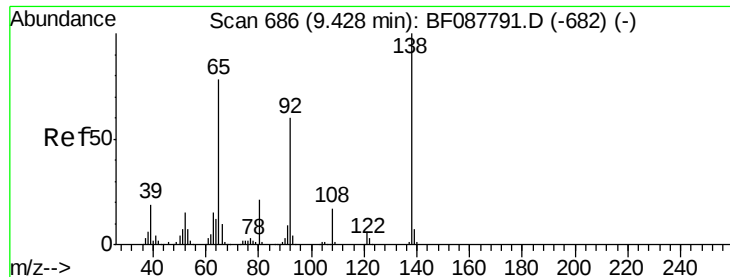
#46
 2-Chloronaphthalene
 Concen: 38.87 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF088189.D
 Acq: 20 Jun 2016 23:48

Tgt Ion:162 Resp: 393699
 Ion Ratio Lower Upper
 162 100
 127 42.6 35.2 52.8
 164 32.8 26.6 39.8



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: 36.03 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

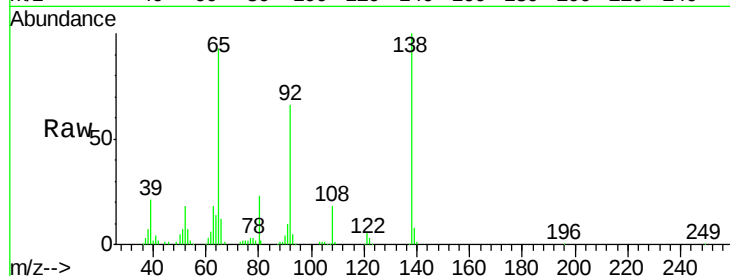
Tgt Ion: 65 Resp: 107638

Ion Ratio Lower Upper

65 100

92 70.8 54.6 82.0

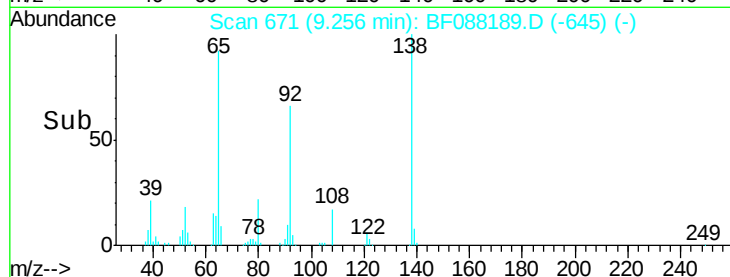
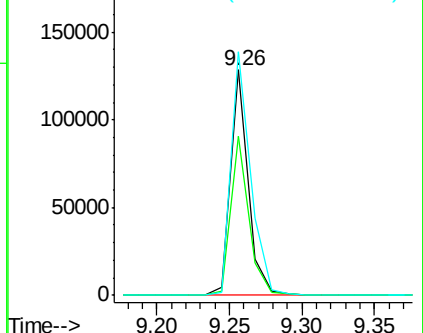
138 108.1 77.0 115.4



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 36.16 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

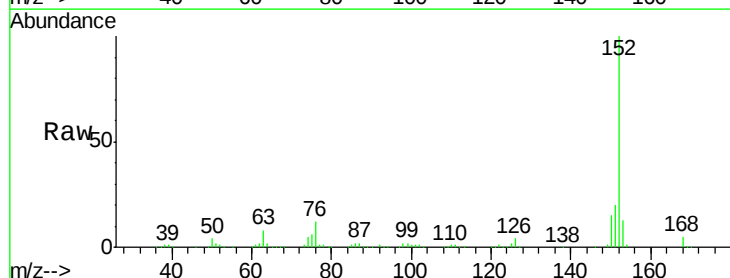
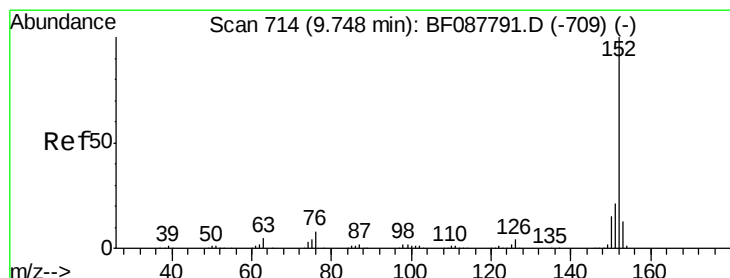
Tgt Ion: 152 Resp: 582541

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

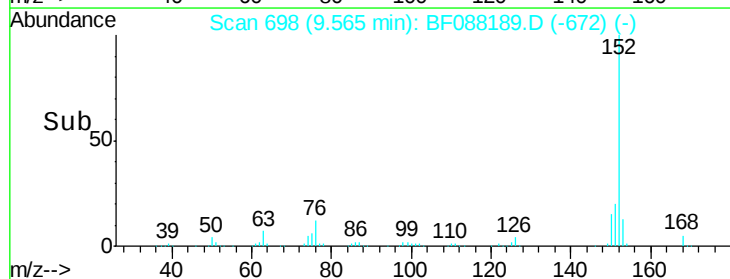
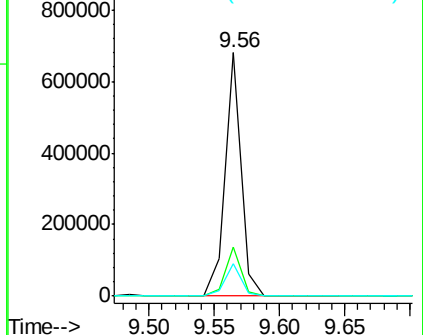
153 13.4 11.0 16.6

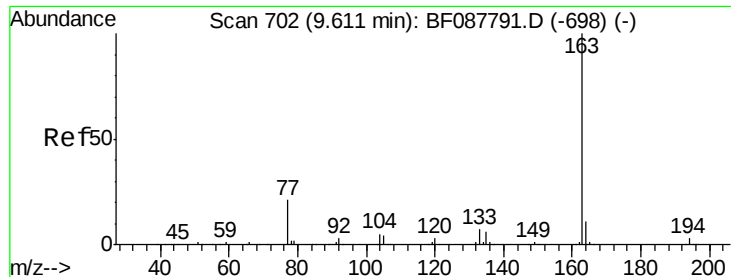


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 39.59 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

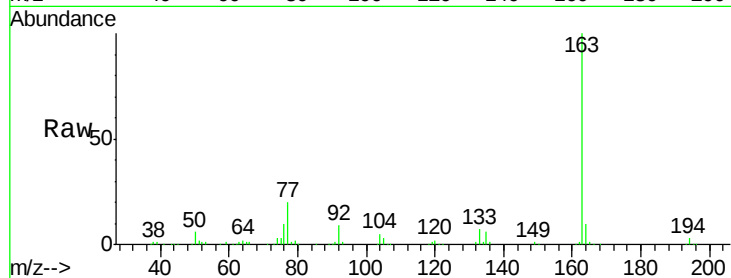
Tgt Ion:163 Resp: 448850

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

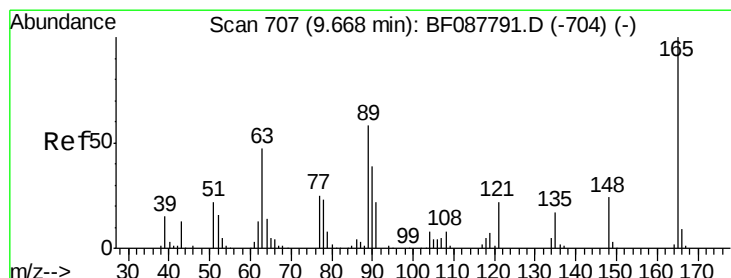
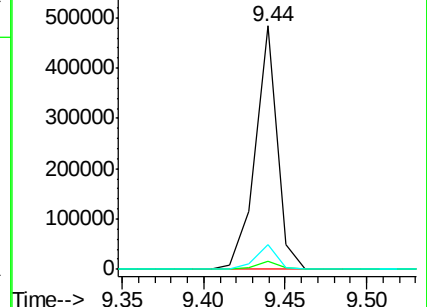
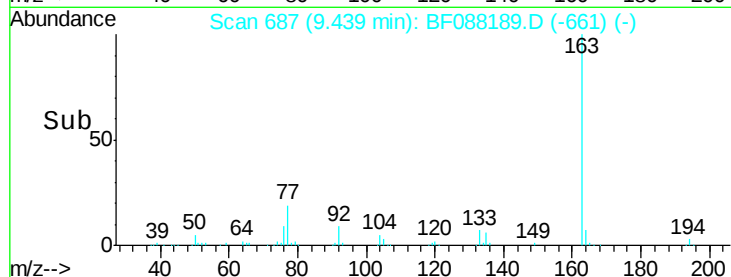
164 10.3 8.3 12.5



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: 39.75 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

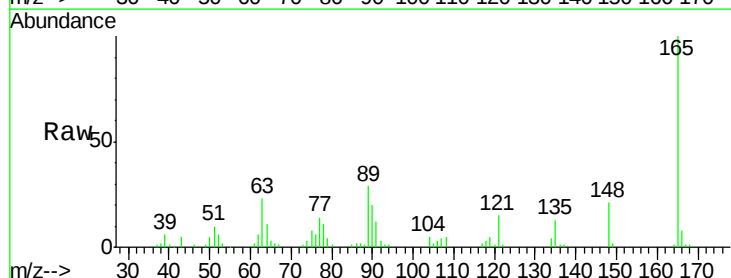
Tgt Ion:165 Resp: 103199

Ion Ratio Lower Upper

165 100

63 22.9 28.1 42.1#

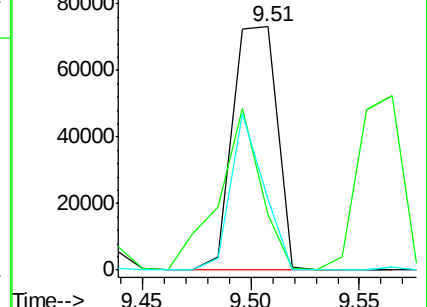
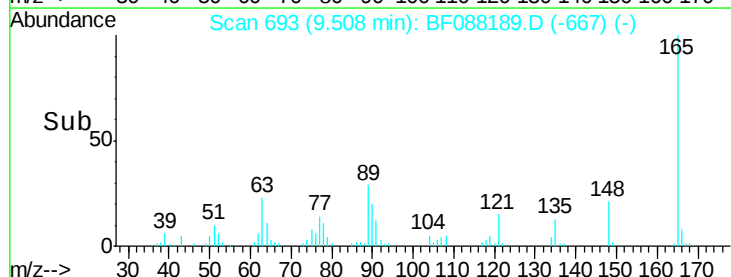
89 29.2 32.2 48.2#

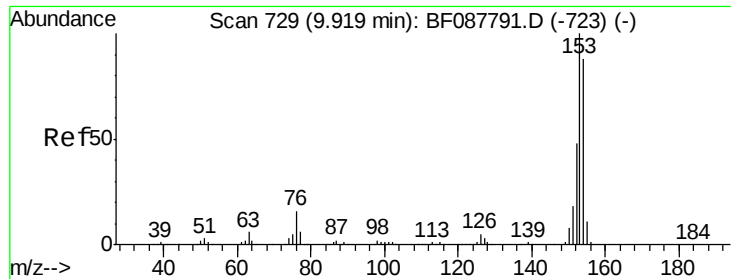


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.10 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

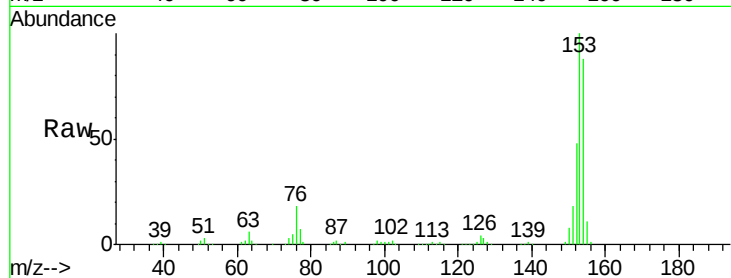
Tgt Ion:154 Resp: 362812

Ion Ratio Lower Upper

154 100

153 113.6 89.5 134.3

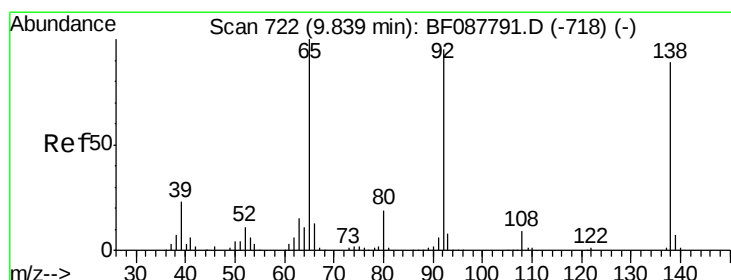
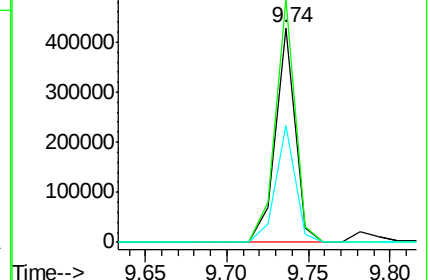
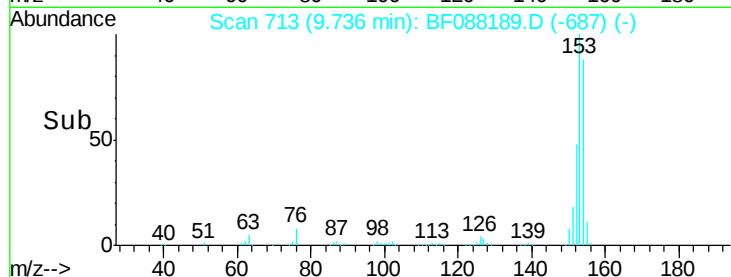
152 54.3 42.7 64.1



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: 35.38 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

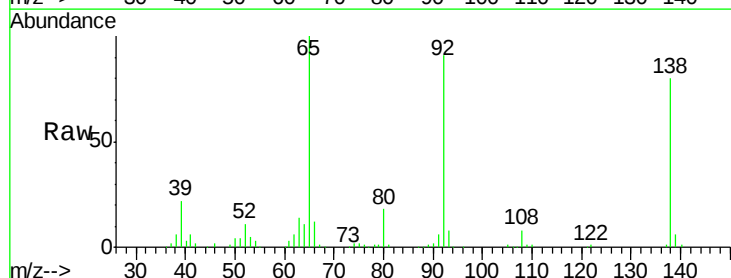
Tgt Ion:138 Resp: 106010

Ion Ratio Lower Upper

138 100

108 10.0 8.5 12.7

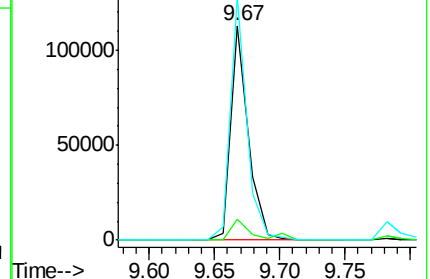
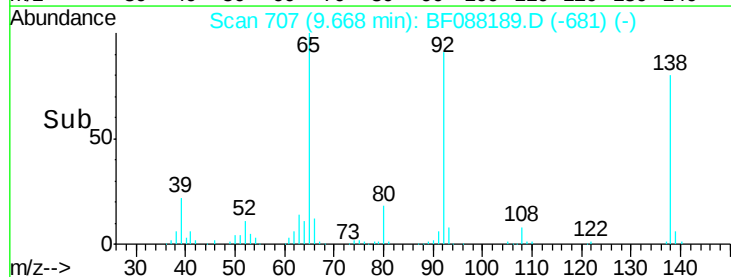
92 113.5 95.7 143.5

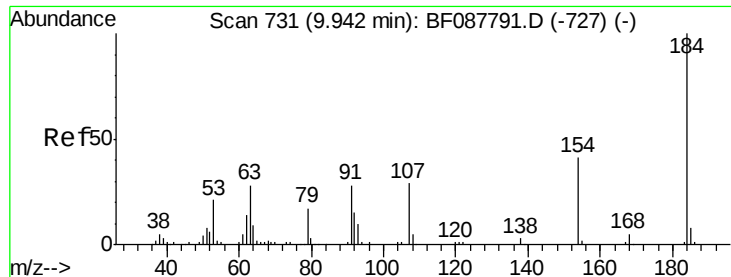


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

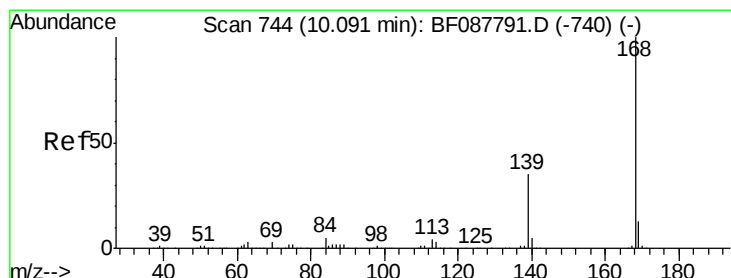
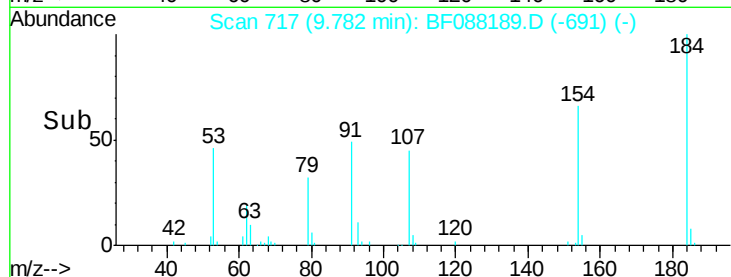
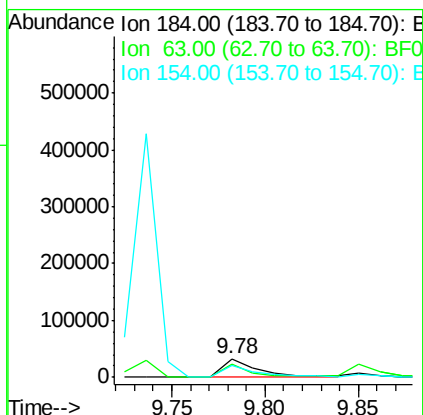
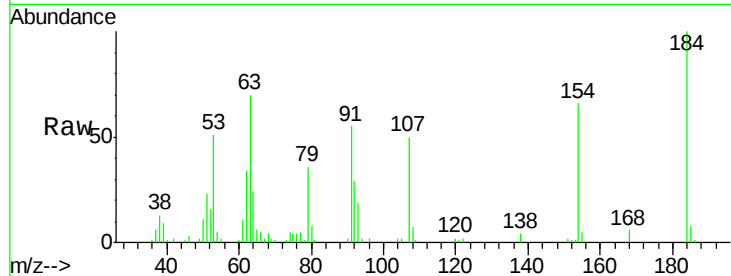




#53
 2,4-Dinitrophenol
 Concen: 37.73 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BF088189.D
 Acq: 20 Jun 2016 23:48

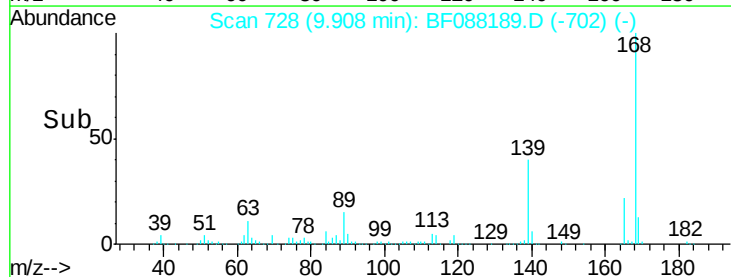
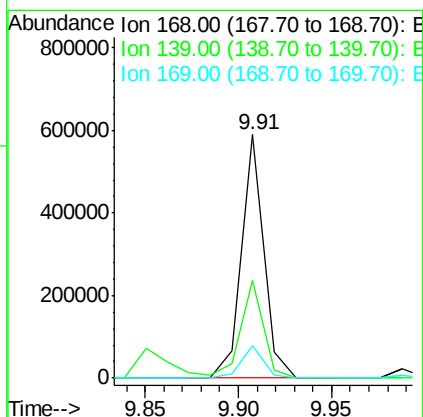
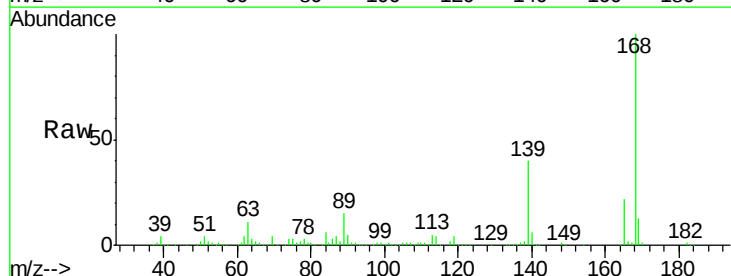
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

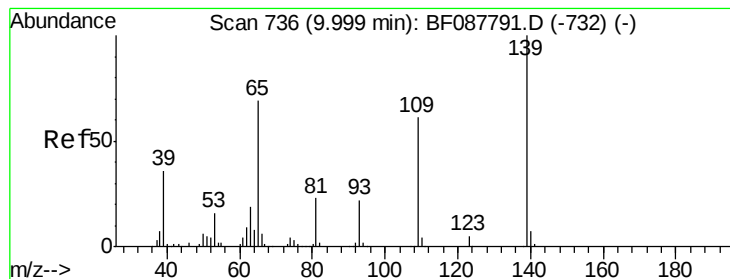
Tgt Ion:184 Resp: 45297
 Ion Ratio Lower Upper
 184 100
 63 69.6 57.6 86.4
 154 65.9 53.5 80.3



#54
 Dibenzofuran
 Concen: 35.74 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF088189.D
 Acq: 20 Jun 2016 23:48

Tgt Ion:168 Resp: 494727
 Ion Ratio Lower Upper
 168 100
 139 40.2 26.4 39.6#
 169 13.4 10.4 15.6





#55

4-Nitrophenol

Concen: 39.01 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

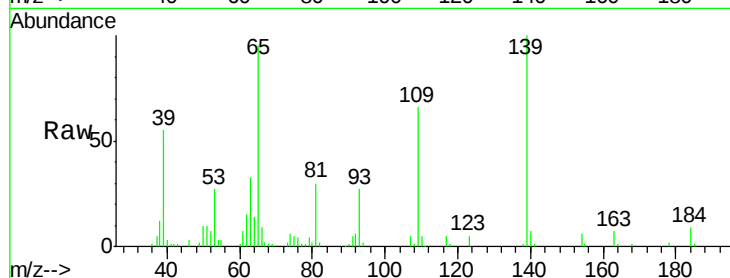
Tgt Ion:139 Resp: 90709

Ion Ratio Lower Upper

139 100

109 66.2 48.9 88.9

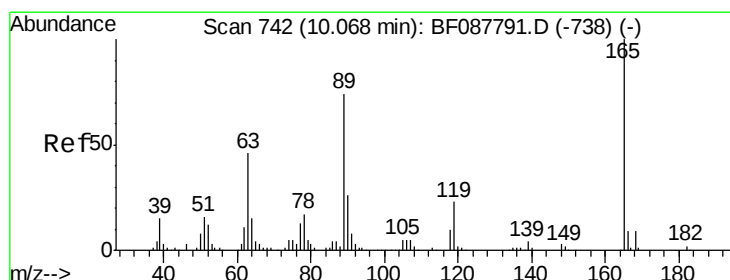
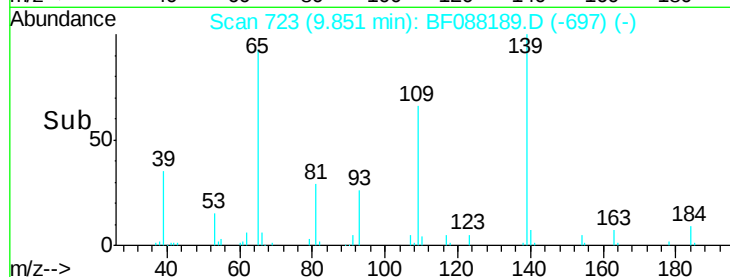
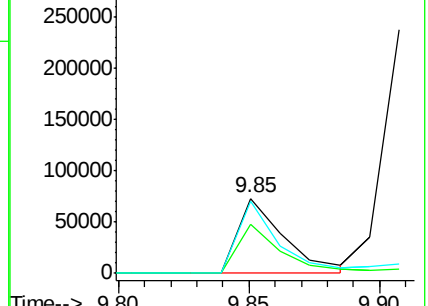
65 95.3 84.9 124.9



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): BF0



#56

2,4-Dinitrotoluene

Concen: 37.04 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

Tgt Ion:165 Resp: 123596

Ion Ratio Lower Upper

165 100

63 48.8 22.0 33.0#

89 68.4 41.1 61.7#

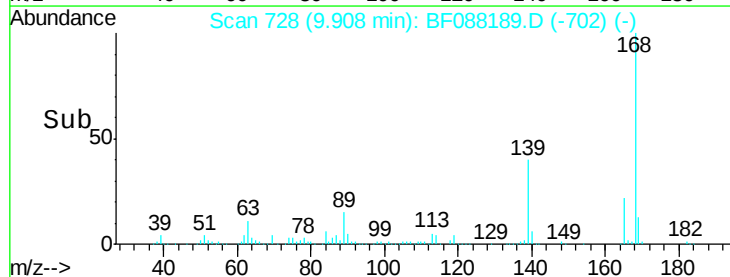
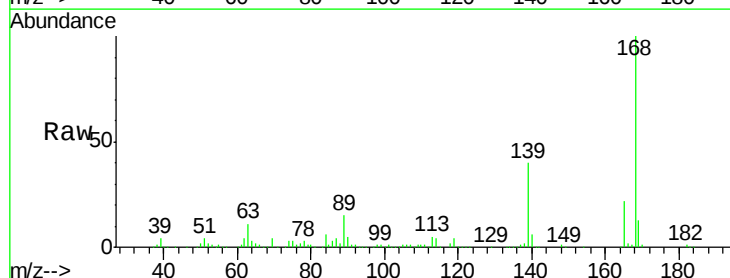
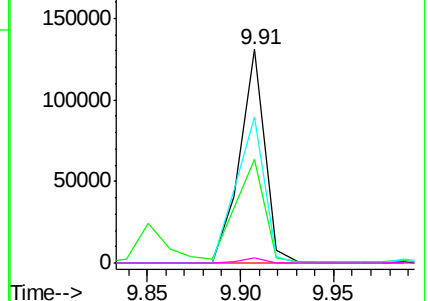
182 2.4 2.0 3.0

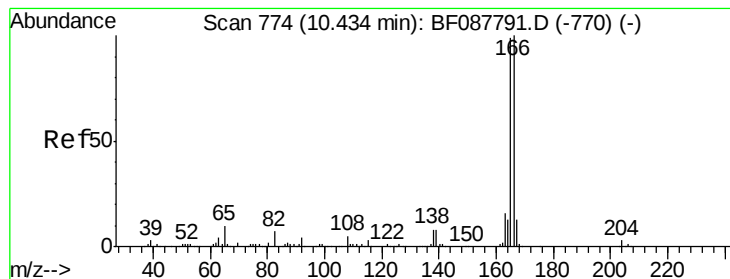
Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.05 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

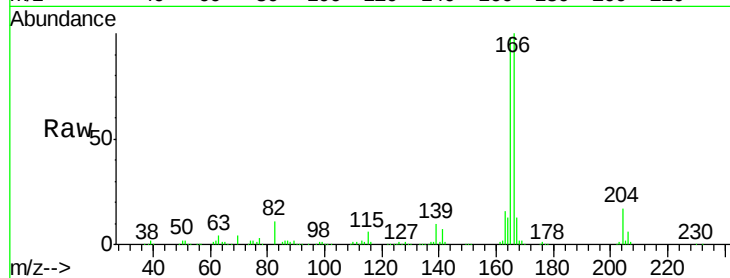
Tgt Ion:166 Resp: 421331

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.8

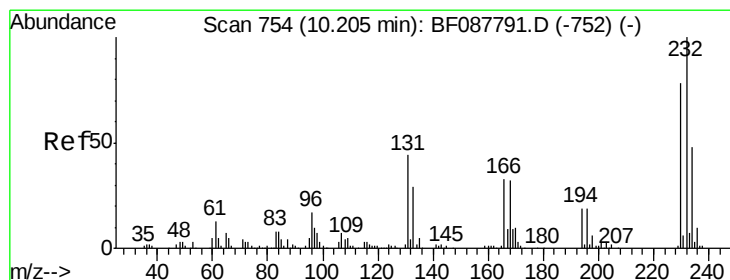
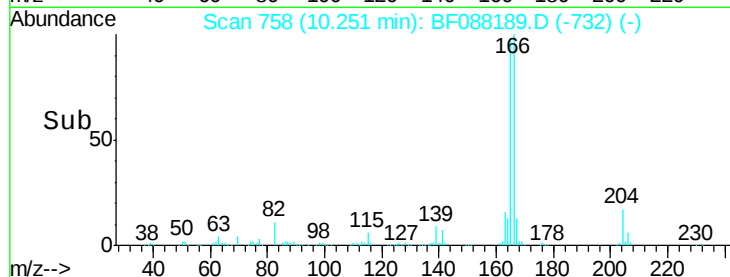
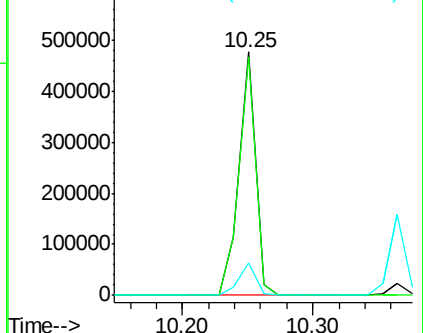
167 13.3 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.29 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

Tgt Ion:232 Resp: 95429

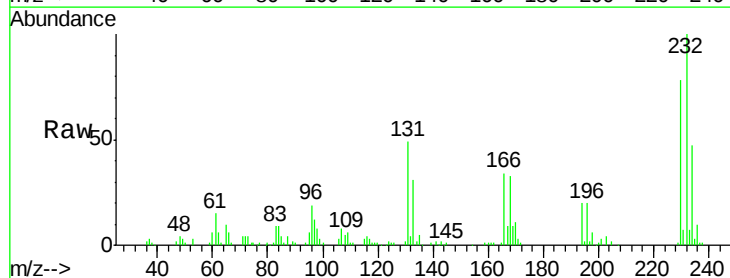
Ion Ratio Lower Upper

232 100

131 46.5 0.9 1.3#

130 2.1 1.5 2.3

166 30.4 0.5 0.7#

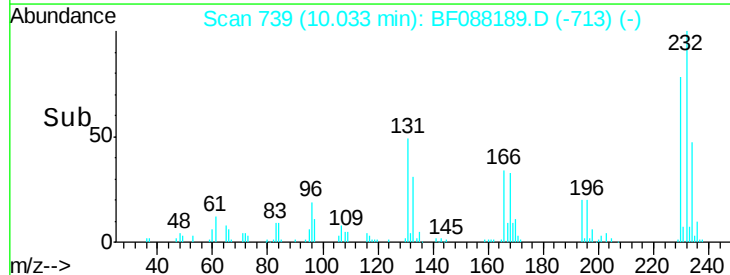
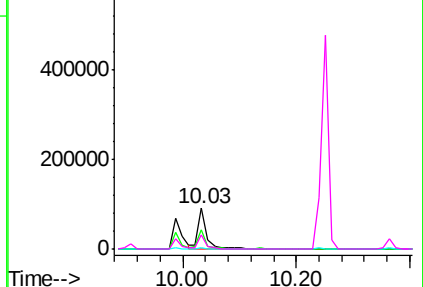


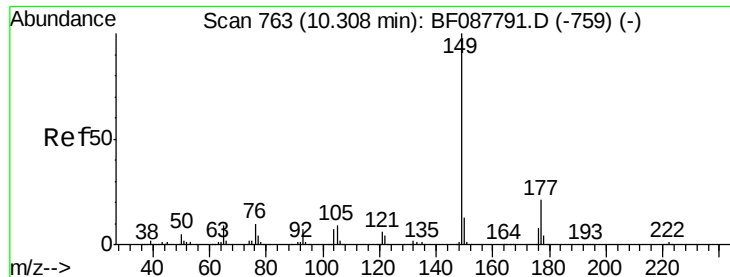
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

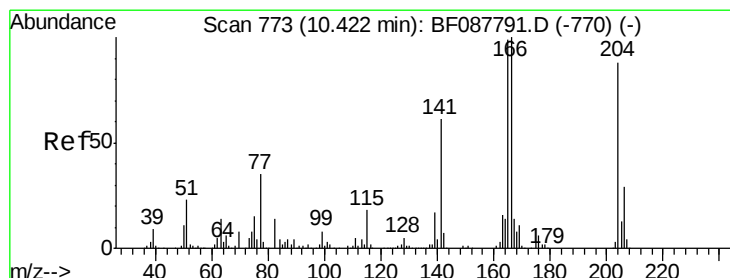
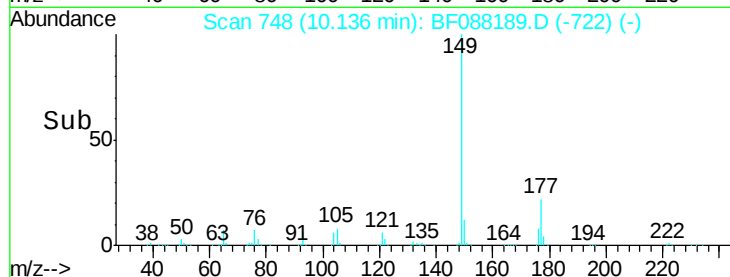
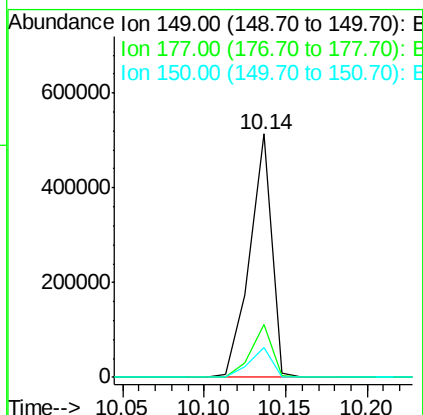
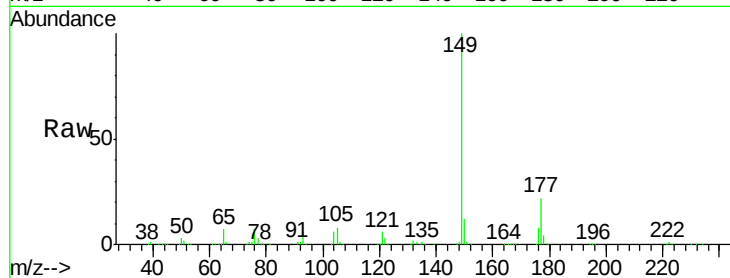




#59
Diethylphthalate
Concen: 42.01 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF088189.D
Acq: 20 Jun 2016 23:48

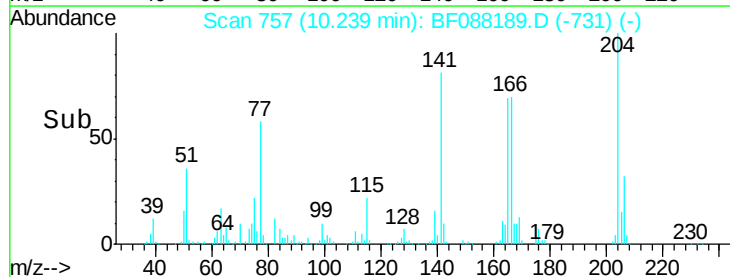
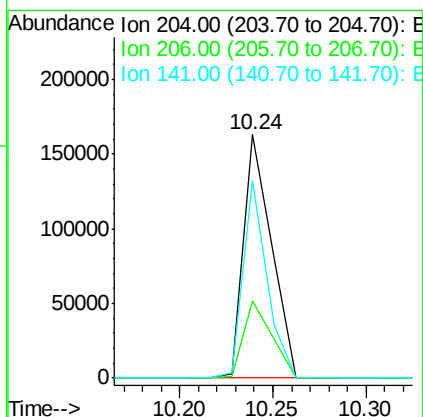
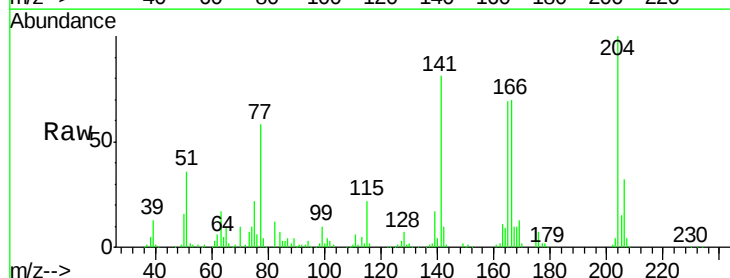
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

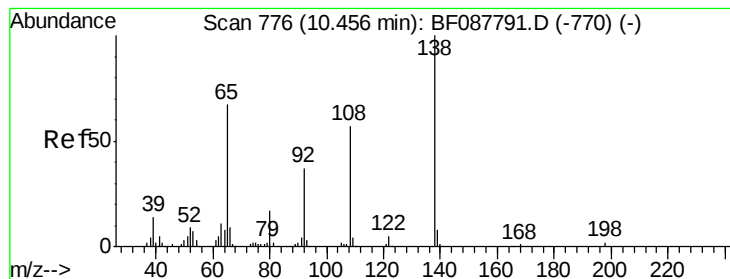
Tgt Ion:149 Resp: 482089
Ion Ratio Lower Upper
149 100
177 21.7 16.9 25.3
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 36.75 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF088189.D
Acq: 20 Jun 2016 23:48

Tgt Ion:204 Resp: 169141
Ion Ratio Lower Upper
204 100
206 31.7 26.3 39.5
141 80.9 55.0 82.6





#61

4-Nitroaniline

Concen: 44.08 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

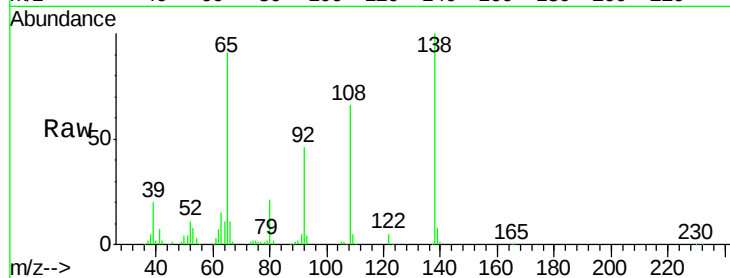
Tgt Ion:138 Resp: 125270

Ion Ratio Lower Upper

138 100

92 46.1 27.3 67.3

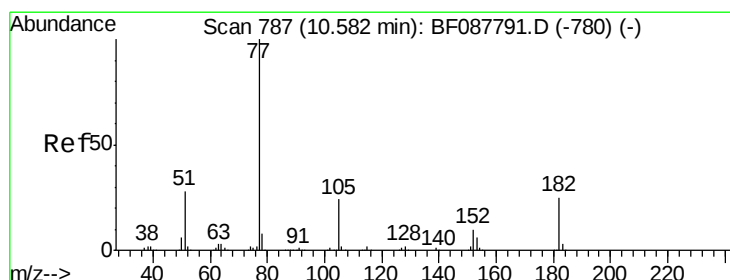
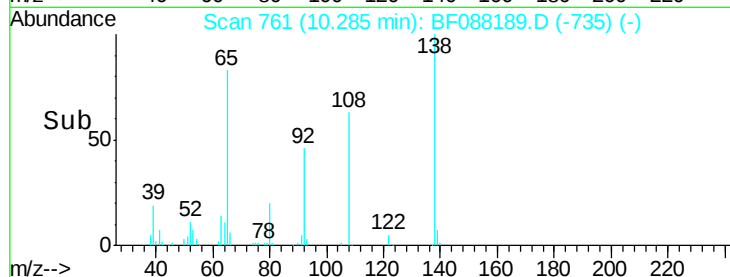
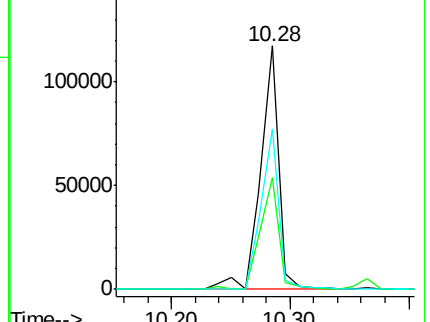
108 65.8 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.87 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

Tgt Ion: 77 Resp: 429779

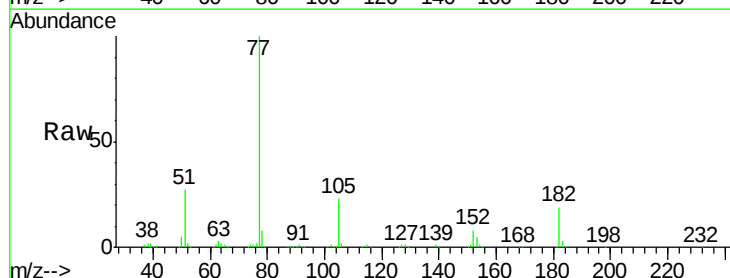
Ion Ratio Lower Upper

77 100

182 19.0 4.4 44.4

105 22.6 3.8 43.8

51 26.5 9.3 49.3

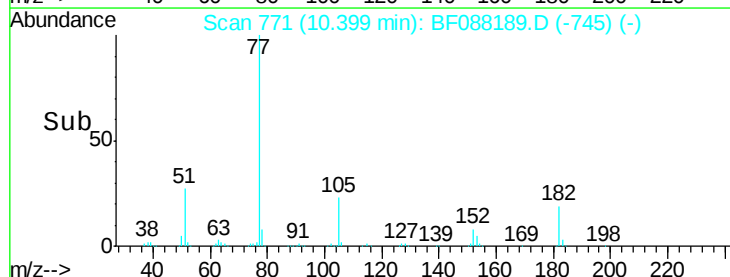
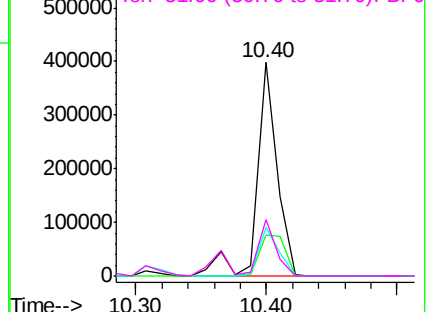


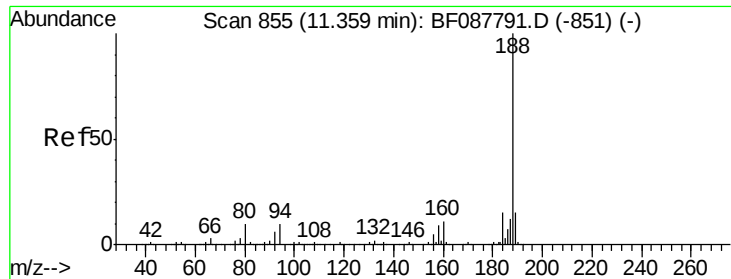
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

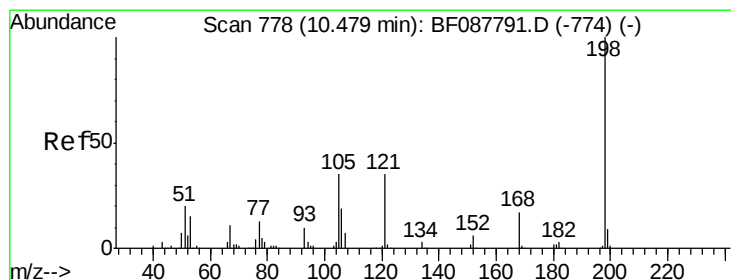
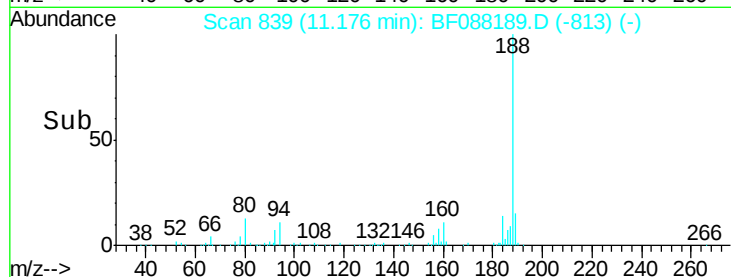
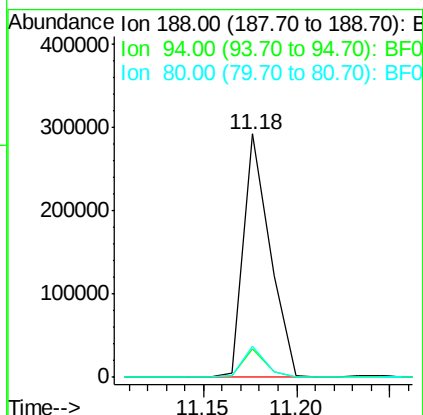
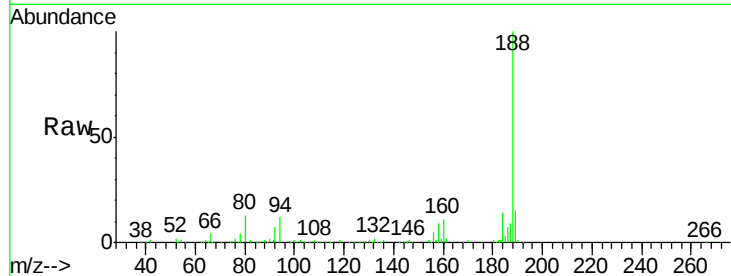




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF088189.D
Acq: 20 Jun 2016 23:48

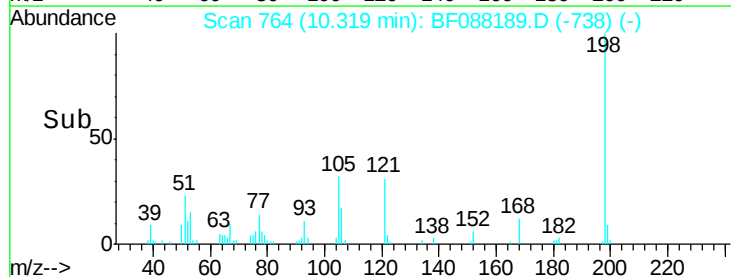
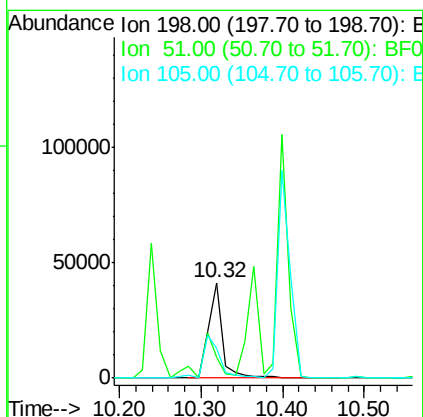
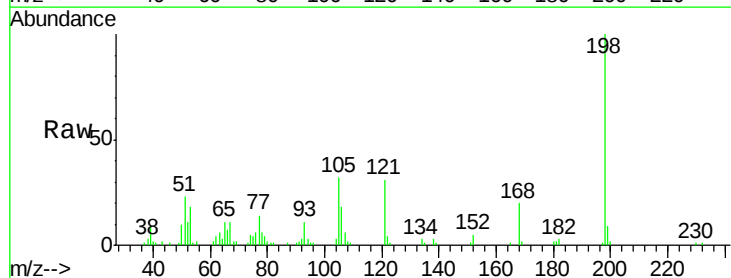
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

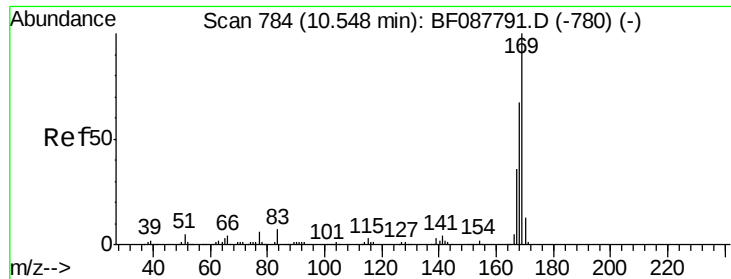
Tgt Ion:188 Resp: 288484
Ion Ratio Lower Upper
188 100
94 11.8 9.0 13.6
80 12.7 10.0 15.0



#64
4,6-Dinitro-2-methylphenol
Concen: 29.34 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF088189.D
Acq: 20 Jun 2016 23:48

Tgt Ion:198 Resp: 51262
Ion Ratio Lower Upper
198 100
51 22.6 39.6 79.6#
105 31.9 36.6 76.6#





#65

n-Nitrosodiphenylamine

Concen: 39.11 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

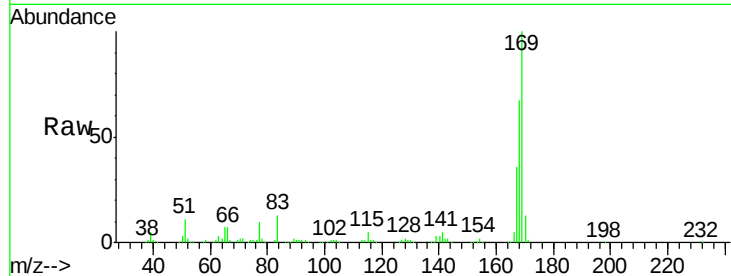
Tgt Ion:169 Resp: 374428

Ion Ratio Lower Upper

169 100

168 67.2 53.4 80.0

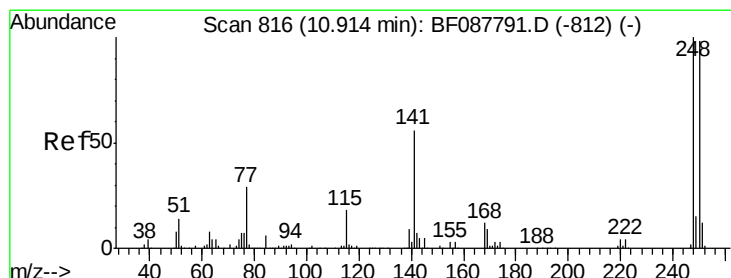
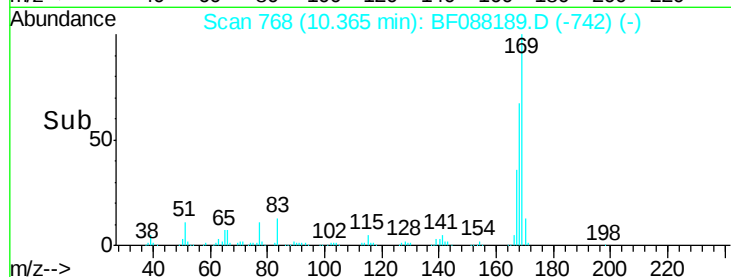
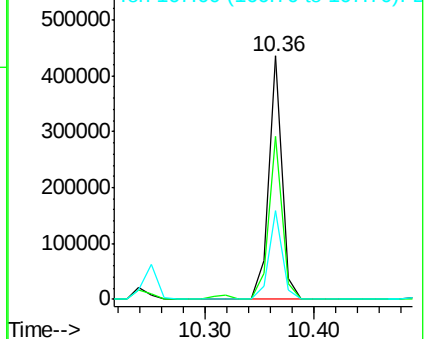
167 36.2 29.4 44.0



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: 38.87 ng

RT: 10.73 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

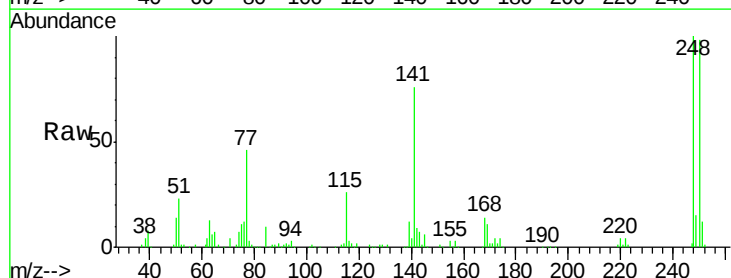
Tgt Ion:248 Resp: 120287

Ion Ratio Lower Upper

248 100

250 97.8 77.1 115.7

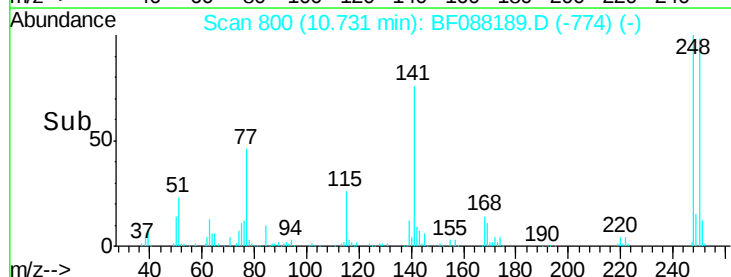
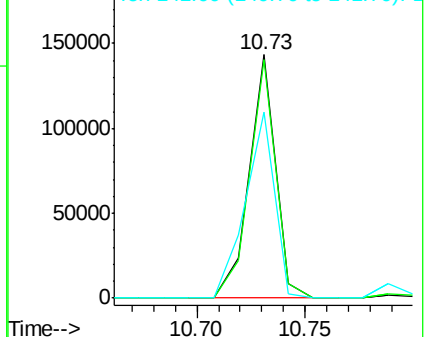
141 76.5 50.6 76.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

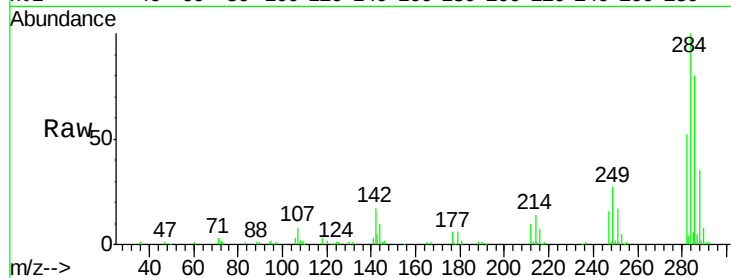




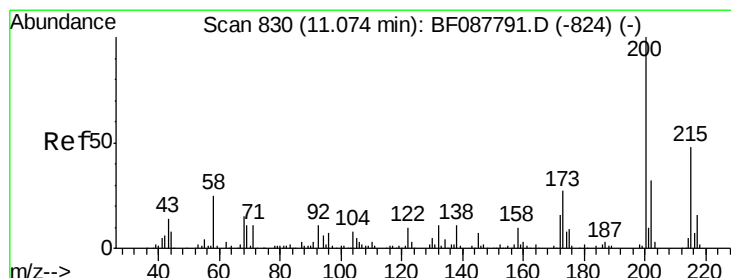
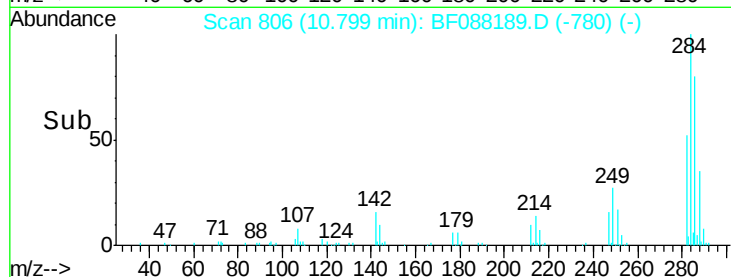
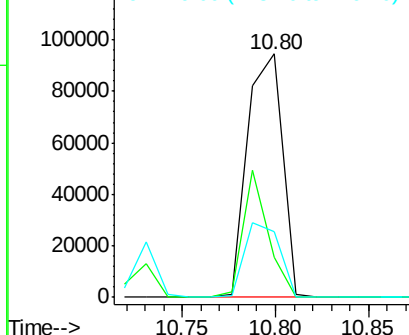
#67
Hexachlorobenzene
Concen: 38.20 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF088189.D
Acq: 20 Jun 2016 23:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 284 Resp: 122844
Ion Ratio Lower Upper
284 100
142 16.6 35.8 53.8#
249 26.7 25.8 38.6

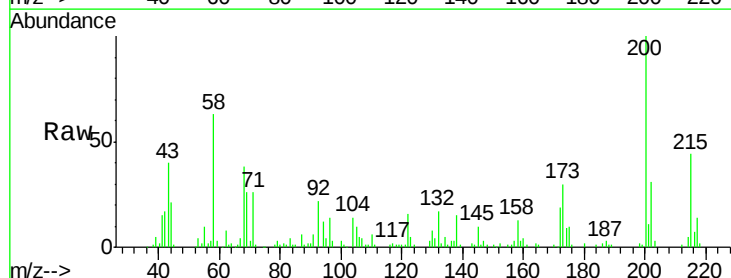


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

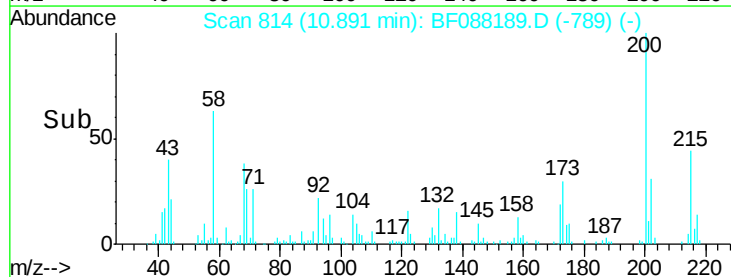
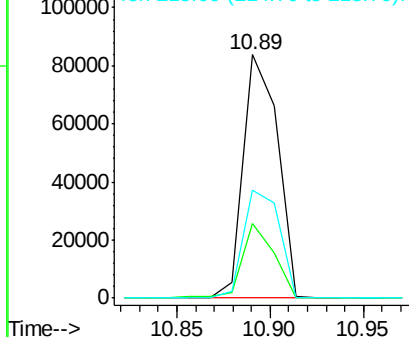


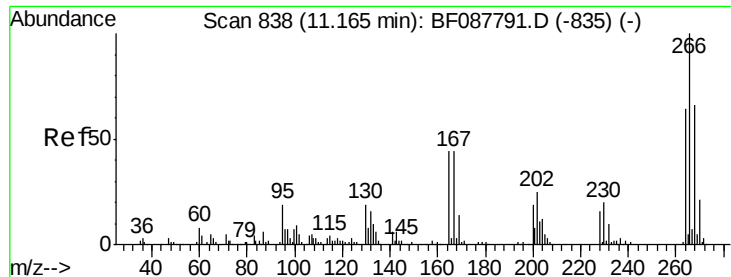
#68
Atrazine
Concen: 36.84 ng
RT: 10.89 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF088189.D
Acq: 20 Jun 2016 23:48

Tgt Ion: 200 Resp: 106784
Ion Ratio Lower Upper
200 100
173 30.5 4.0 44.0
215 44.4 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

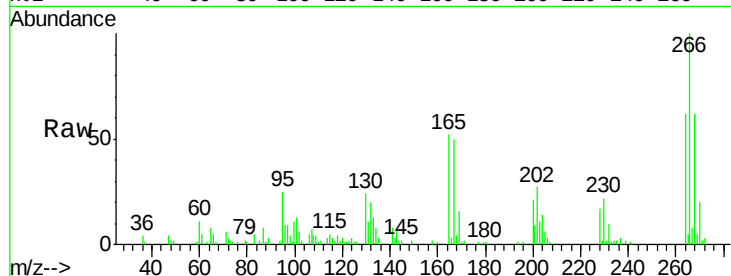




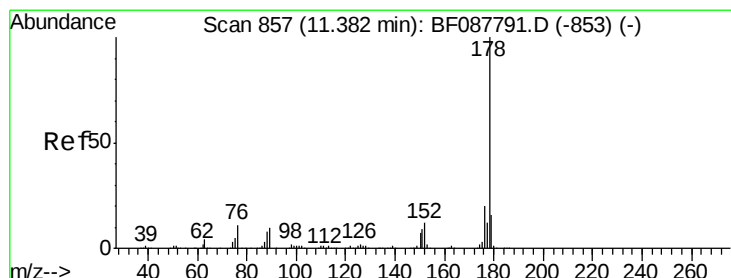
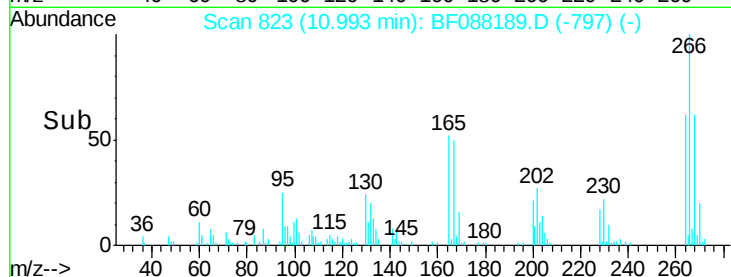
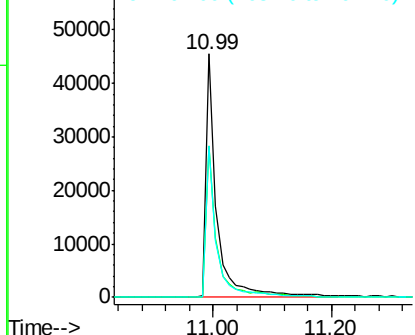
#69
 Pentachlorophenol
 Concen: 35.32 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF088189.D
 Acq: 20 Jun 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:266 Resp: 59862
 Ion Ratio Lower Upper
 266 100
 268 62.3 52.8 79.2
 264 62.1 49.6 74.4

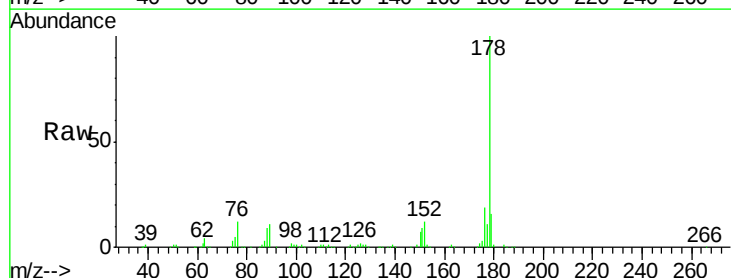


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

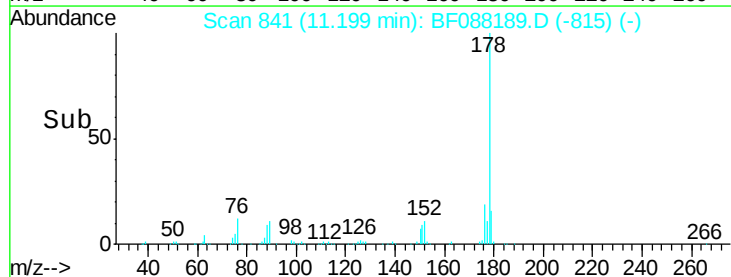
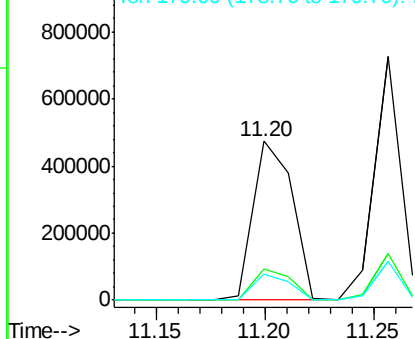


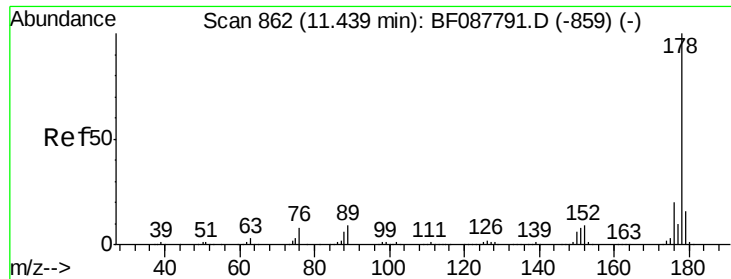
#70
 Phenanthrene
 Concen: 39.60 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BF088189.D
 Acq: 20 Jun 2016 23:48

Tgt Ion:178 Resp: 599492
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 16.0 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

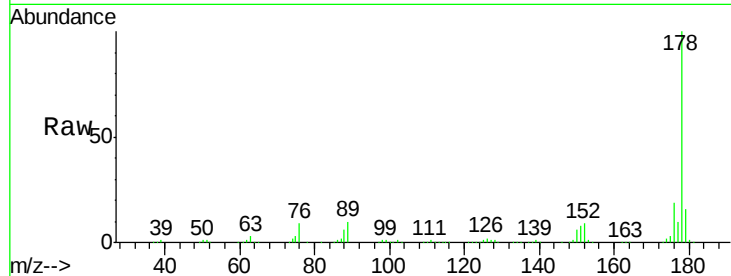




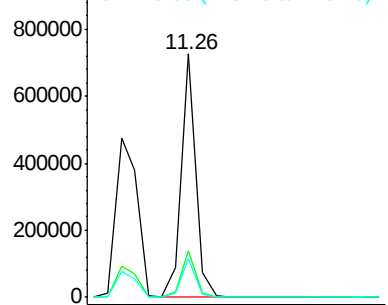
#71
 Anthracene
 Concen: 40.38 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BF088189.D
 Acq: 20 Jun 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

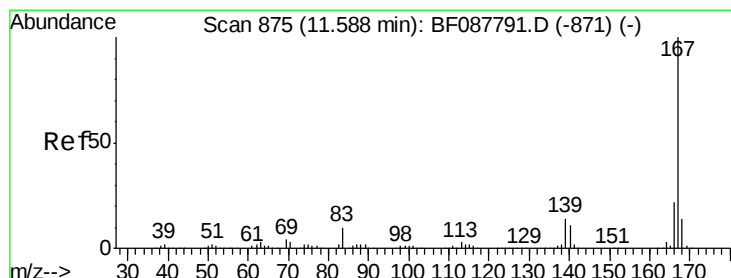
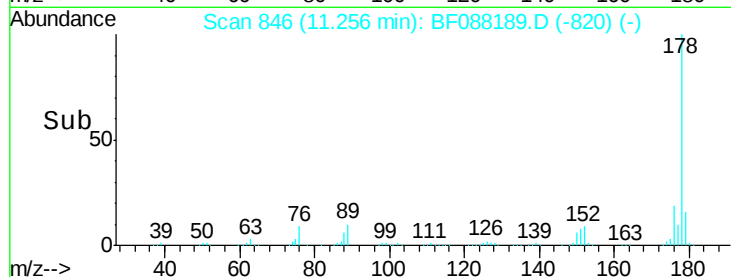
Tgt Ion:178 Resp: 616535
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.6 23.4
 179 15.9 12.8 19.2



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

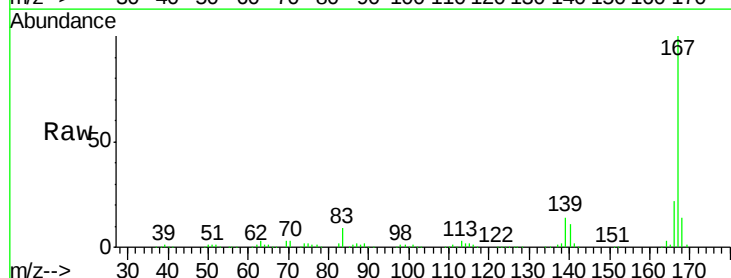


Time-->

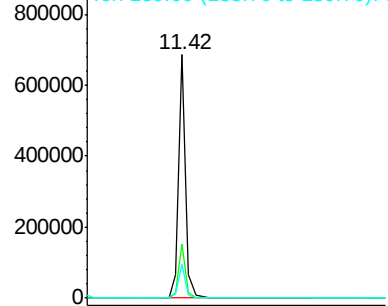


#72
 Carbazole
 Concen: 40.28 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF088189.D
 Acq: 20 Jun 2016 23:48

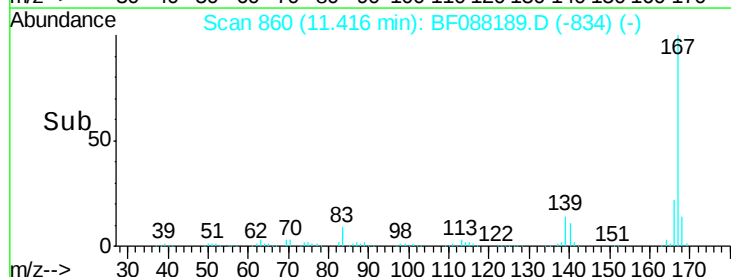
Tgt Ion:167 Resp: 575546
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 13.8 11.2 16.8

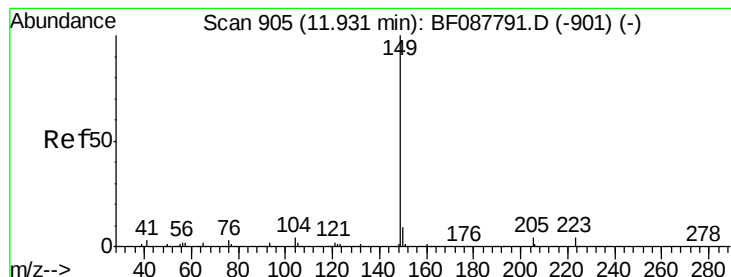


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 38.23 ng

RT: 11.75 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

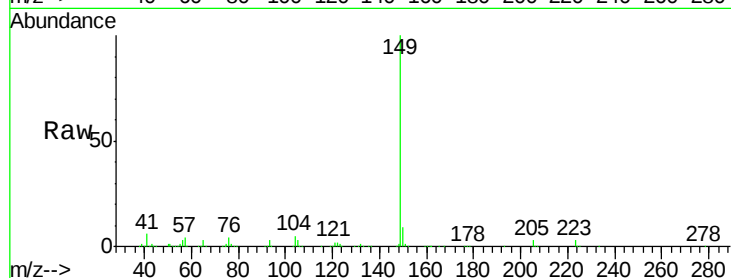
Tgt Ion:149 Resp: 691481

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

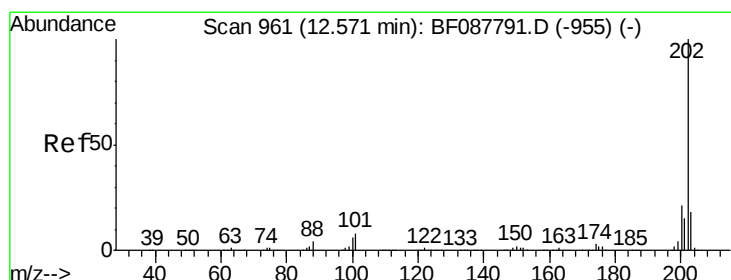
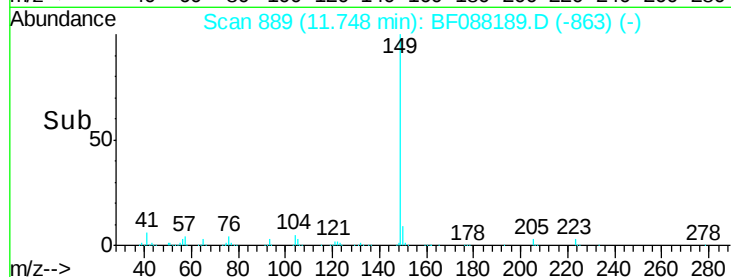
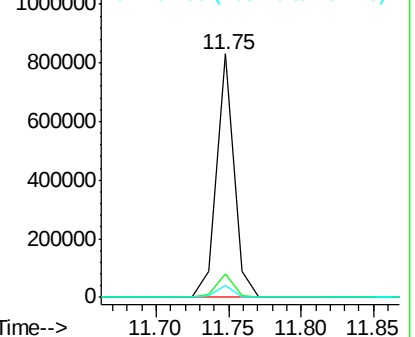
104 4.8 4.0 6.0



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: 39.98 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

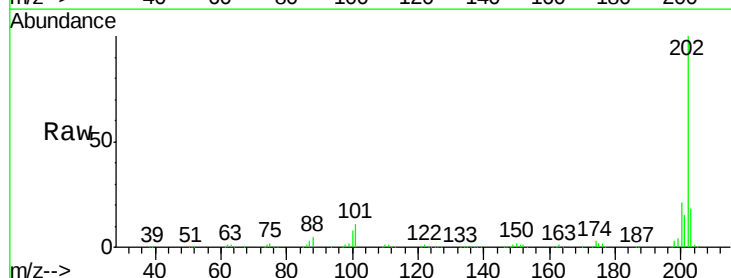
Tgt Ion:202 Resp: 638767

Ion Ratio Lower Upper

202 100

101 10.8 0.0 33.1

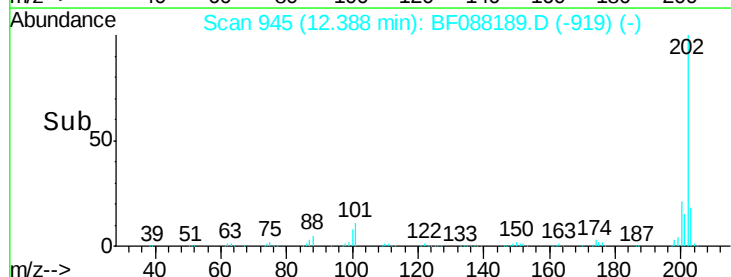
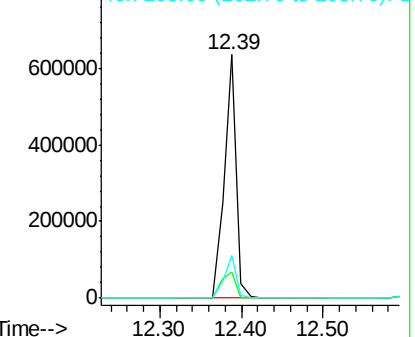
203 17.6 0.0 38.1

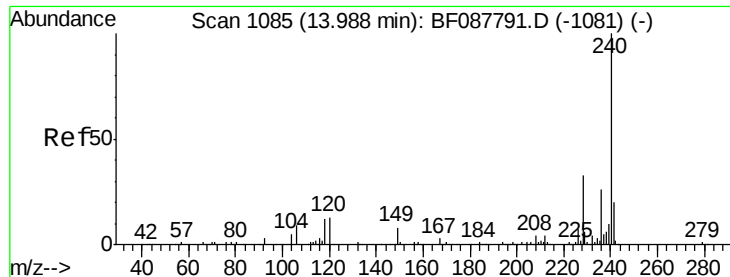


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.81 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

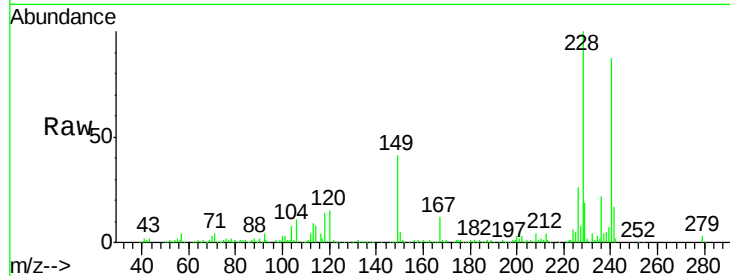
Tgt Ion:240 Resp: 215258

Ion Ratio Lower Upper

240 100

120 17.7 6.8 10.2#

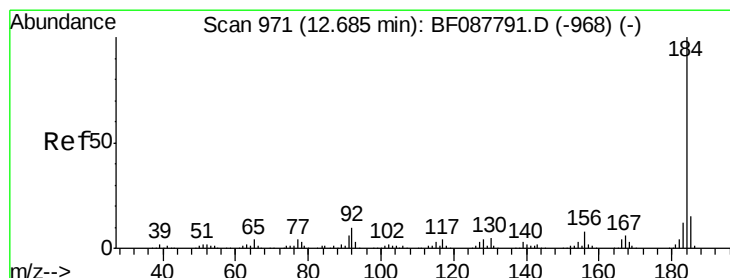
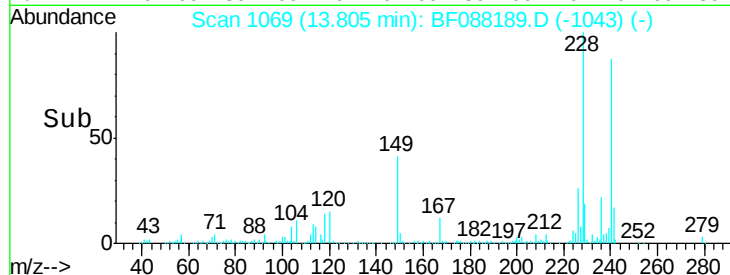
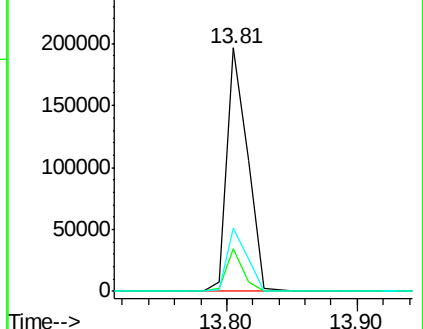
236 26.0 20.2 30.2



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: 42.31 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

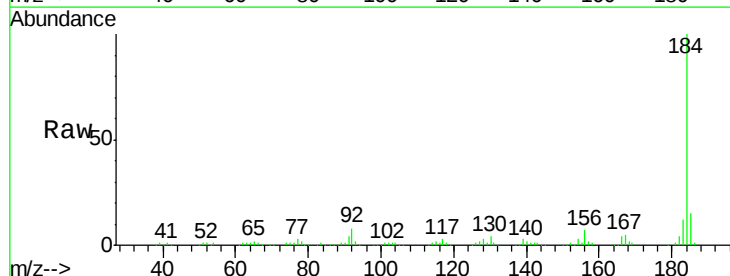
Tgt Ion:184 Resp: 252181

Ion Ratio Lower Upper

184 100

185 15.0 12.5 18.7

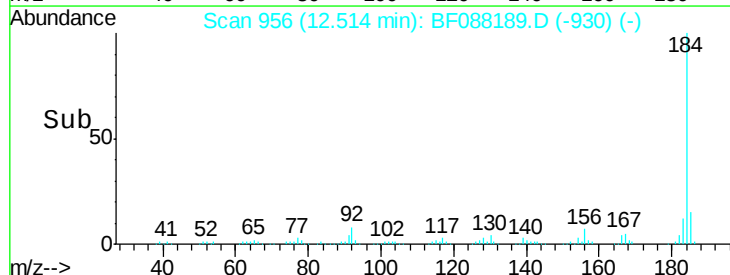
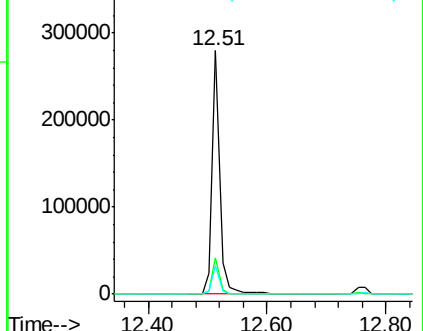
183 11.7 9.3 13.9

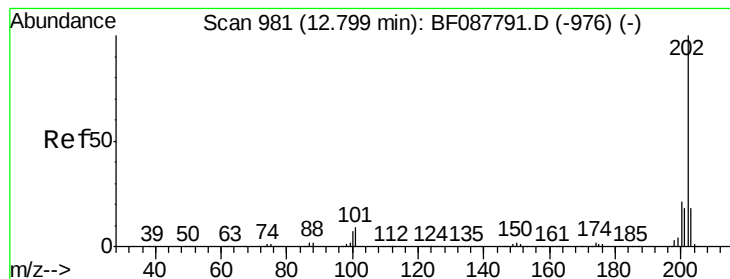


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.81 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

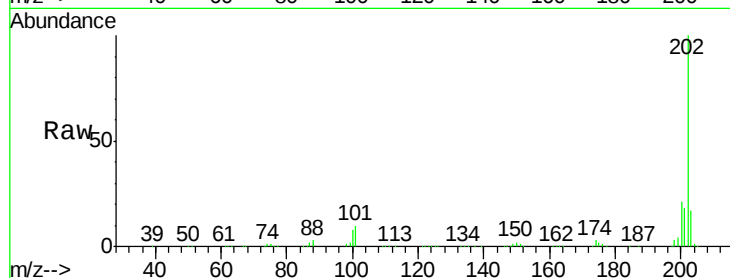
Tgt Ion:202 Resp: 635904

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

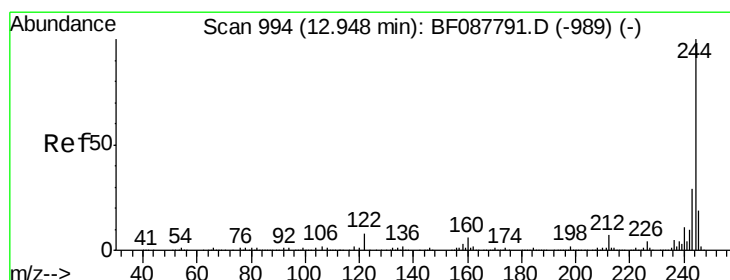
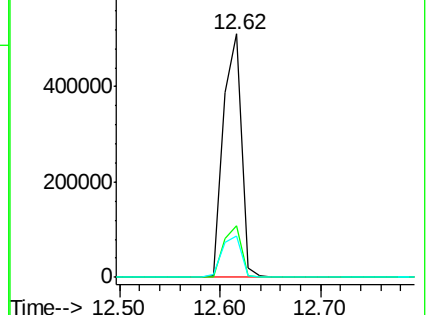
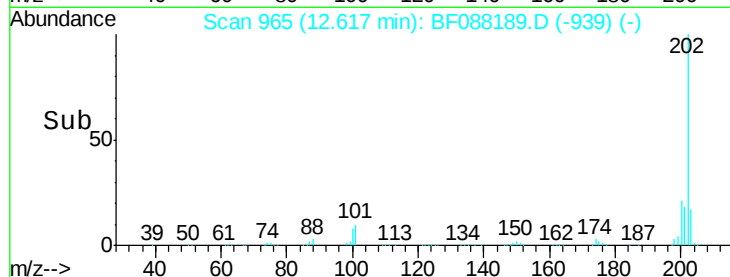
203 17.2 14.5 21.7



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: 80.87 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

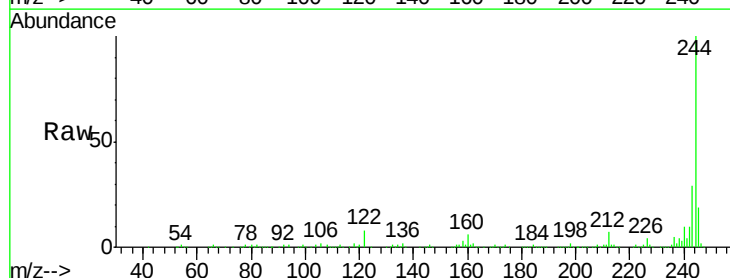
Tgt Ion:244 Resp: 765021

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

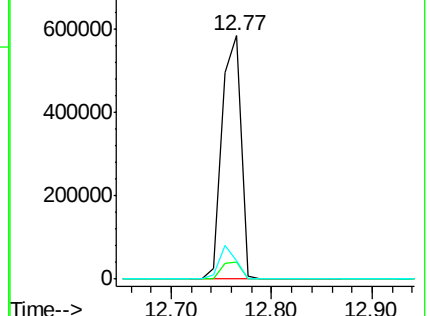
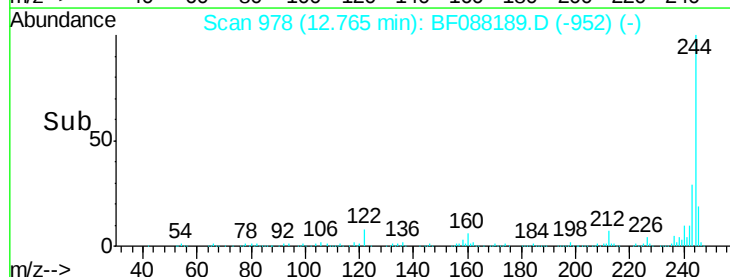
122 7.8 11.2 16.8#

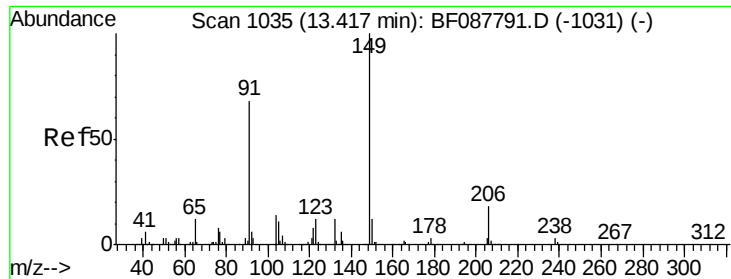


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

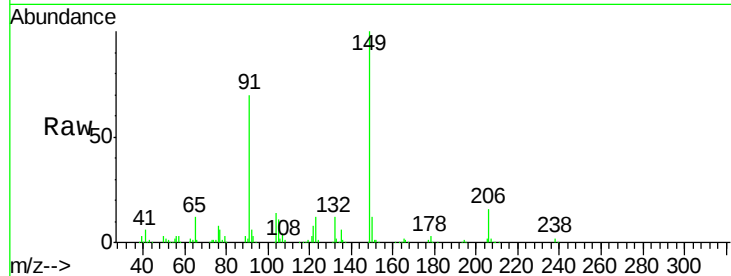




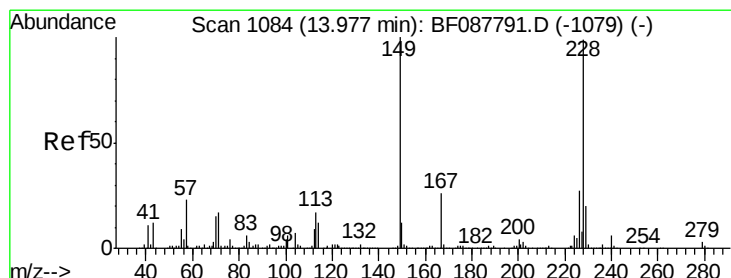
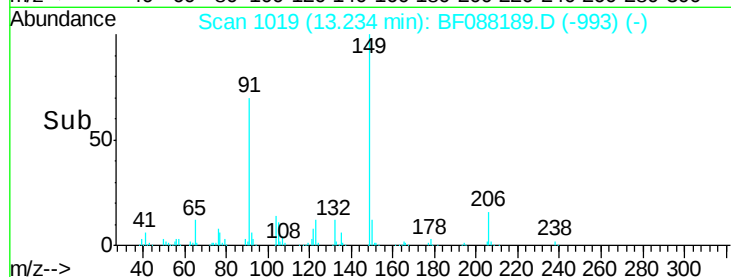
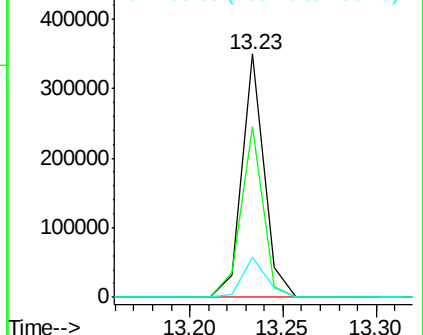
#79
Butylbenzylphthalate
Concen: 41.45 ng
RT: 13.23 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF088189.D
Acq: 20 Jun 2016 23:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 292731
Ion Ratio Lower Upper
149 100
91 70.2 48.0 72.0
206 16.4 16.0 24.0

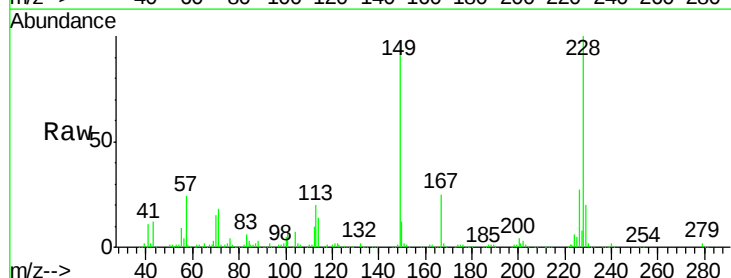


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

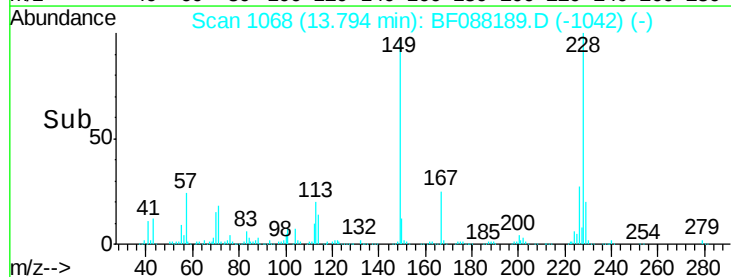
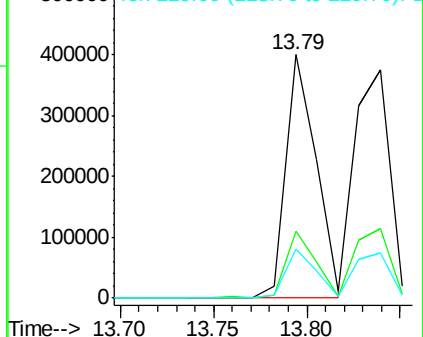


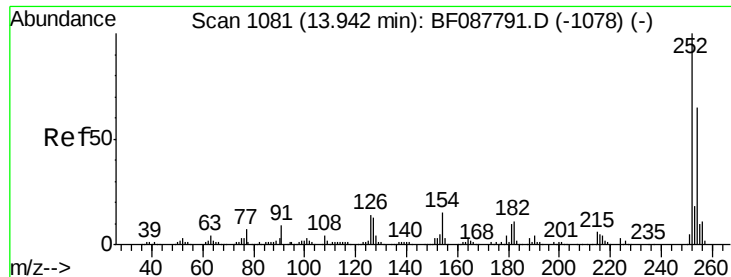
#80
Benzo(a)anthracene
Concen: 36.81 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BF088189.D
Acq: 20 Jun 2016 23:48

Tgt Ion:228 Resp: 451562
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 20.2 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

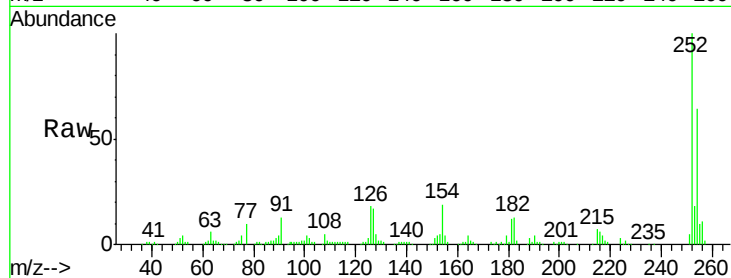




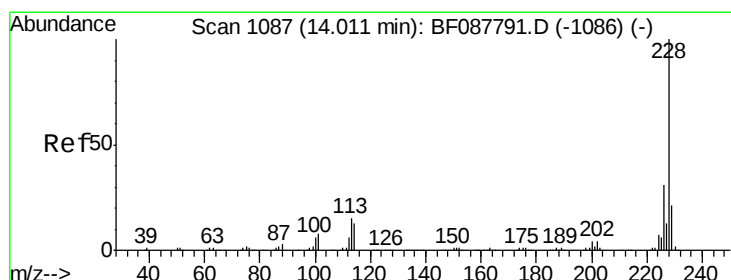
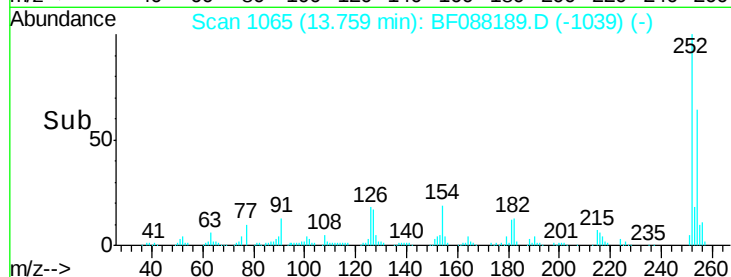
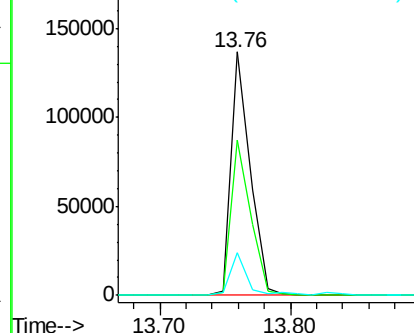
#81
 3,3'-Dichlorobenzidine
 Concen: 42.48 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BF088189.D
 Acq: 20 Jun 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 252 Resp: 140137
 Ion Ratio Lower Upper
 252 100
 254 63.8 52.6 78.8
 126 17.5 6.2 9.2#

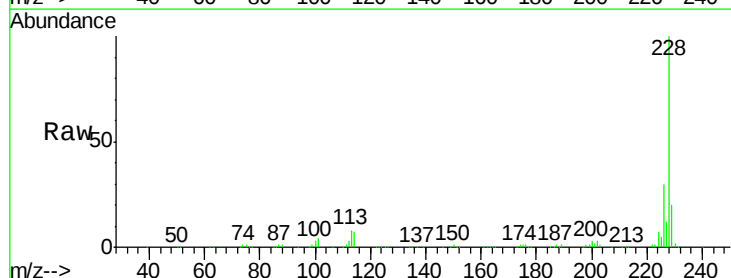


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

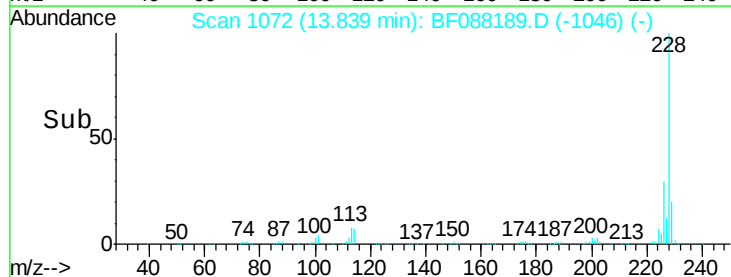
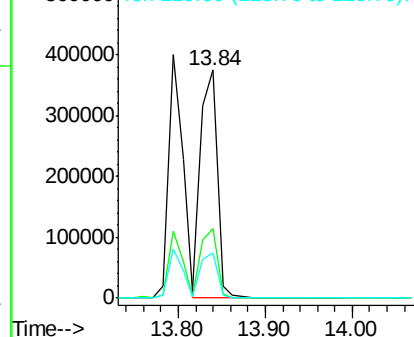


#82
 Chrysene
 Concen: 43.04 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.00 min
 Lab File: BF088189.D
 Acq: 20 Jun 2016 23:48

Tgt Ion: 228 Resp: 496662
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.4 38.2
 229 19.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

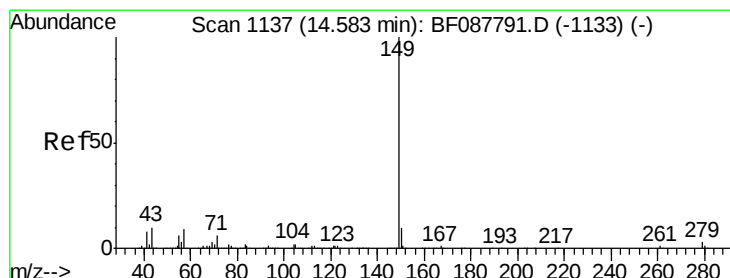
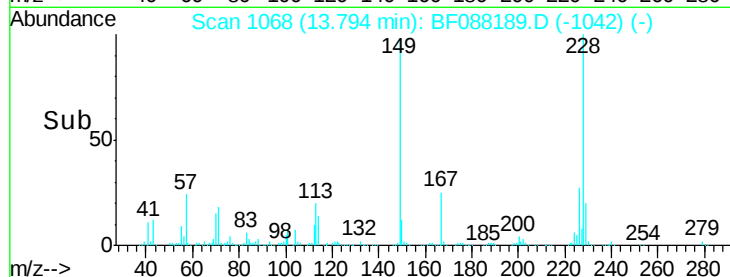
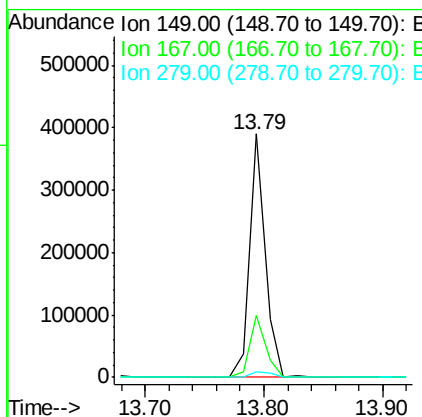
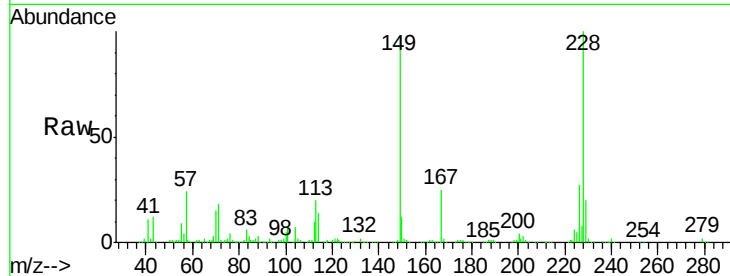




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.96 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BF088189.D
 Acq: 20 Jun 2016 23:48

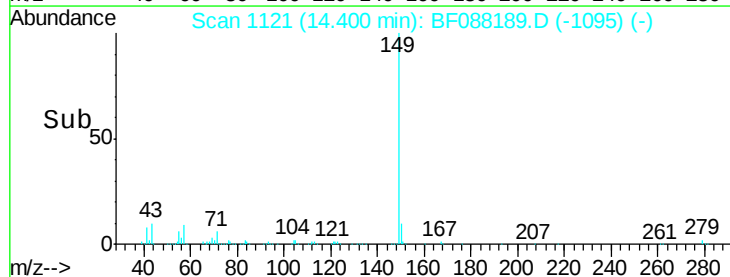
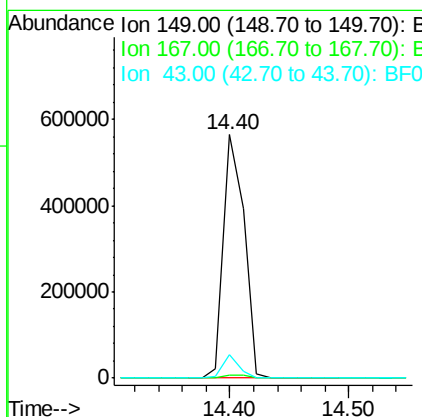
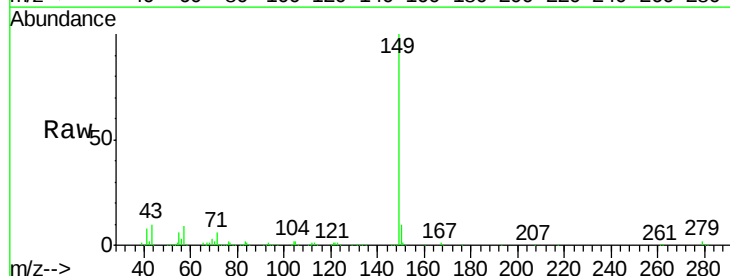
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:149 Resp: 360737
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.5 30.7
 279 2.5 2.0 3.0



#84
 Di-n-octyl phthalate
 Concen: 48.81 ng
 RT: 14.40 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BF088189.D
 Acq: 20 Jun 2016 23:48

Tgt Ion:149 Resp: 681888
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 7.7 0.0 0.0#





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.12 ng

RT: 16.47 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

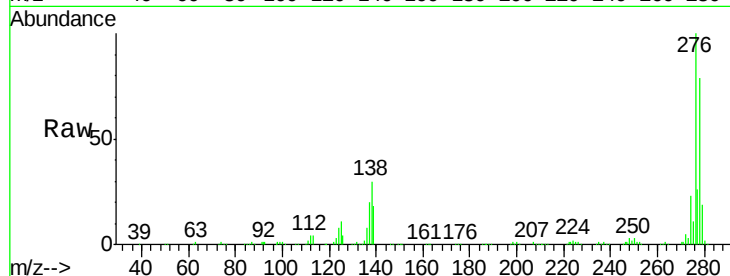
Tgt Ion:276 Resp: 419484

Ion Ratio Lower Upper

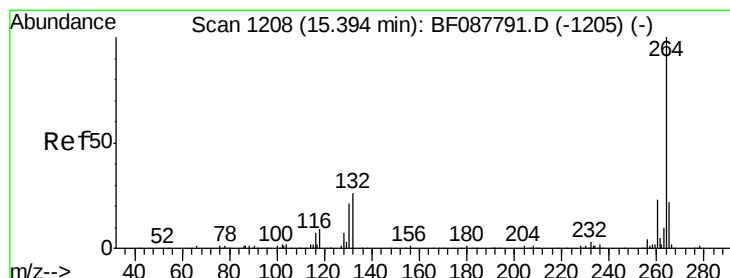
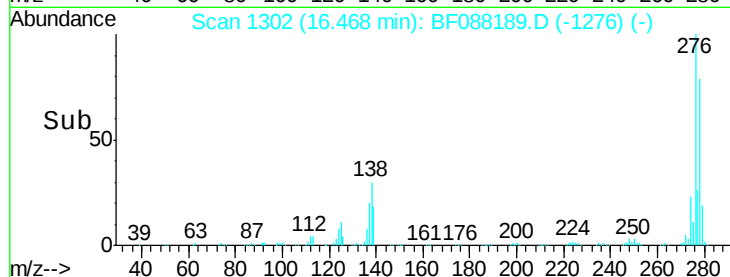
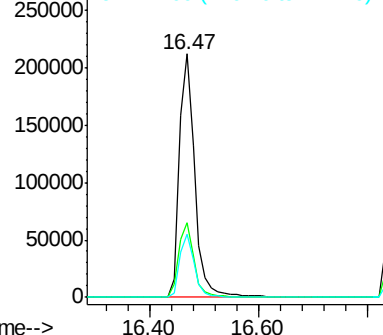
276 100

138 30.9 0.0 0.0#

277 25.0 0.0 0.0#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.18 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

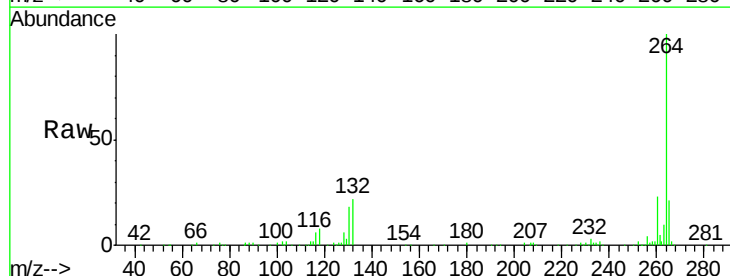
Tgt Ion:264 Resp: 186595

Ion Ratio Lower Upper

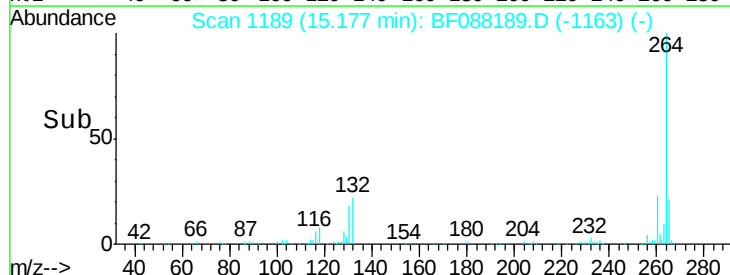
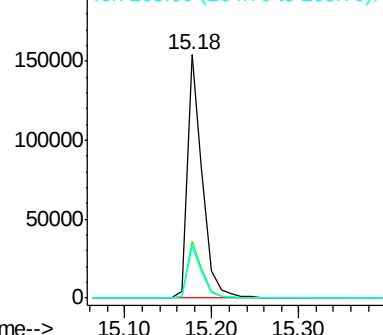
264 100

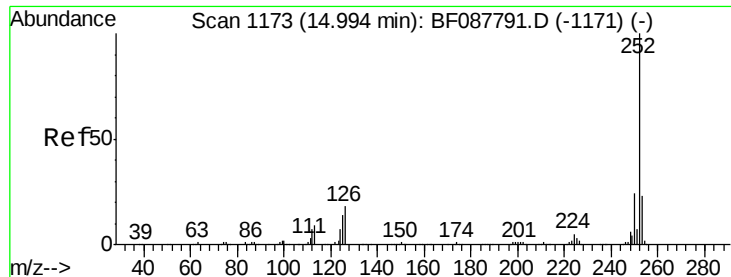
260 23.4 19.2 28.8

265 21.3 16.9 25.3



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

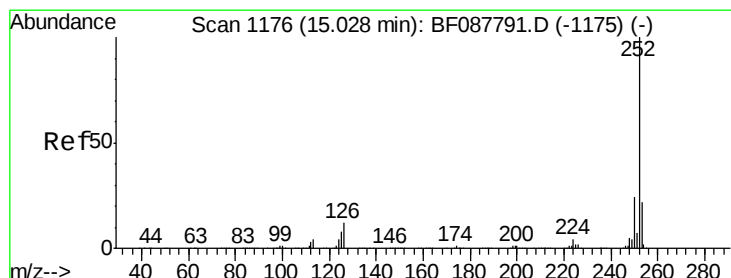
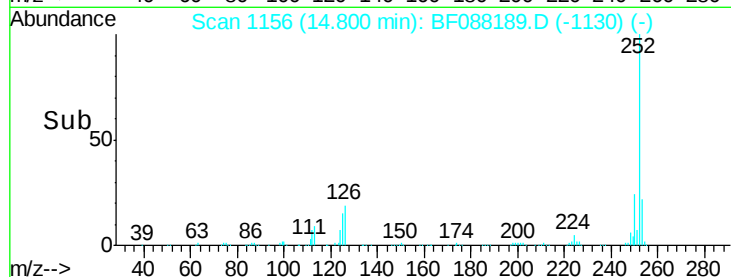
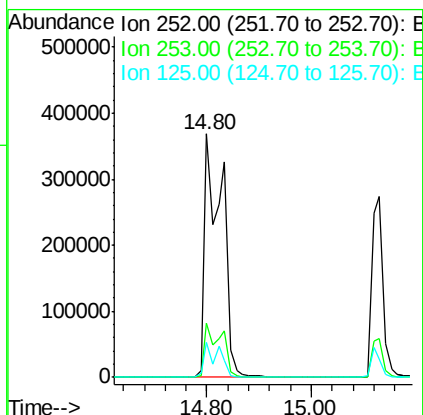
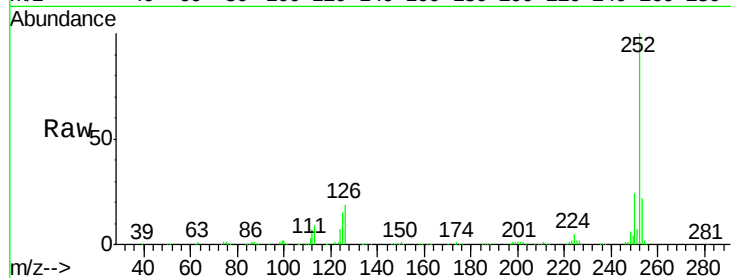




#87
Benzo(b)fluoranthene
Concen: 66.96 ng
RT: 14.80 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF088189.D
Acq: 20 Jun 2016 23:48

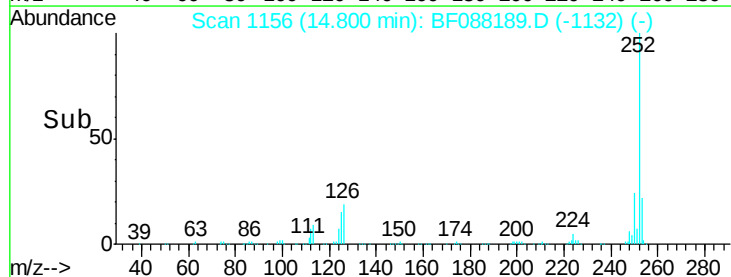
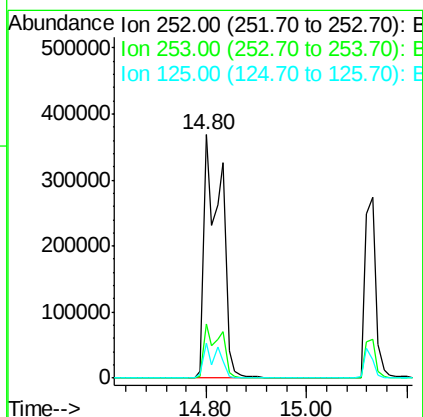
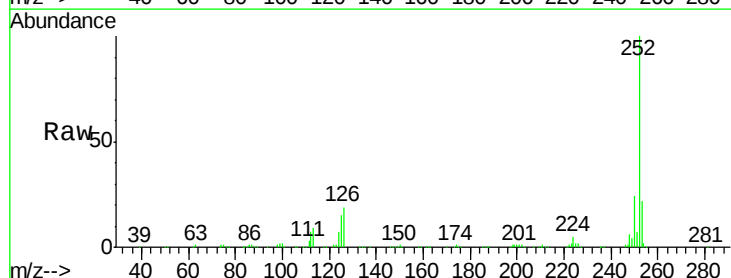
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

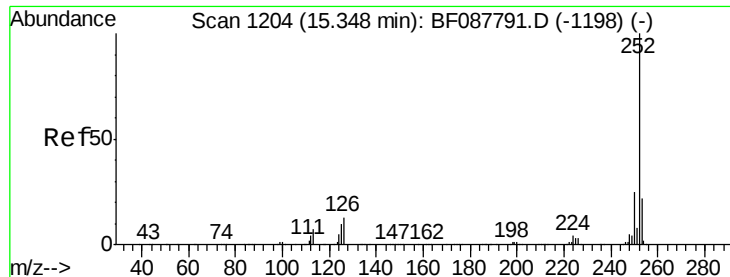
Tgt Ion:252 Resp: 870847
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 14.5 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 88.77 ng
RT: 14.80 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BF088189.D
Acq: 20 Jun 2016 23:48

Tgt Ion:252 Resp: 870856
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 14.5 11.2 16.8





#89

Benzo(a)pyrene

Concen: 39.45 ng

RT: 15.13 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

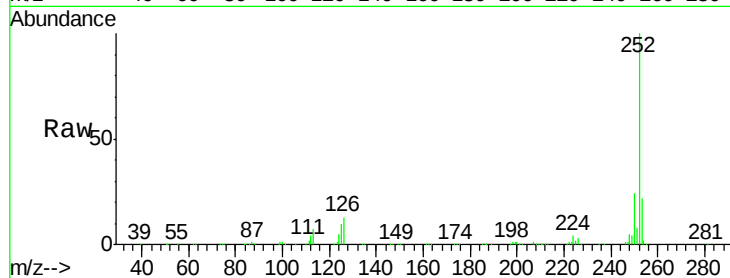
Tgt Ion:252 Resp: 415106

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

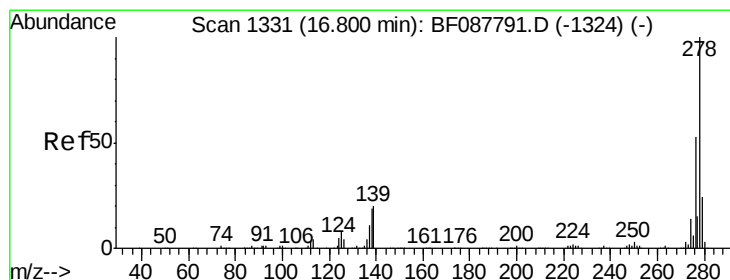
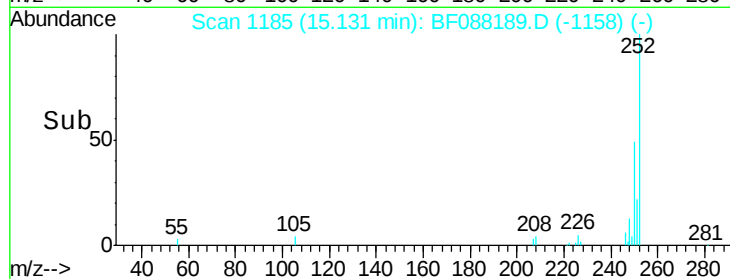
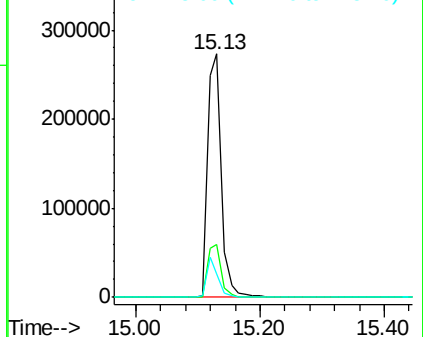
125 9.8 12.5 18.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.62 ng

RT: 16.47 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF088189.D

Acq: 20 Jun 2016 23:48

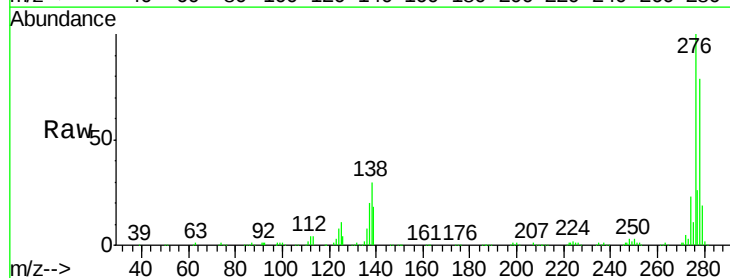
Tgt Ion:278 Resp: 348135

Ion Ratio Lower Upper

278 100

139 23.3 15.7 23.5

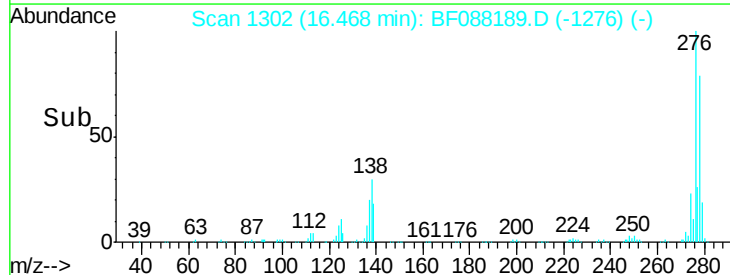
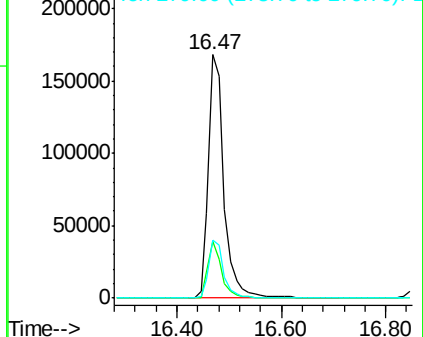
279 23.7 19.4 29.2

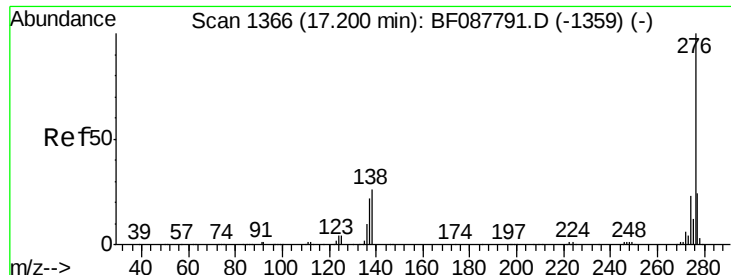


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.57 ng

RT: 16.85 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF088189.D

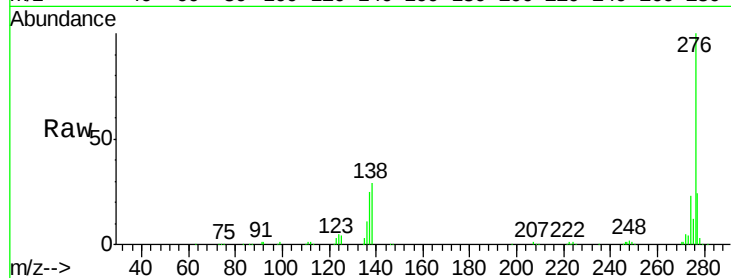
Acq: 20 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



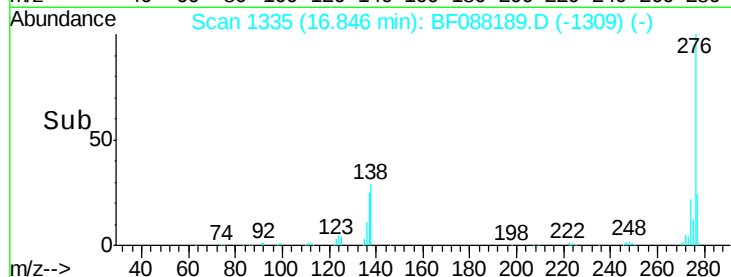
Tgt Ion: 276 Resp: 367588

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 29.2 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

