

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
 Data File : BF089792.D
 Acq On : 19 Aug 2016 13:42
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081916

Quant Time: Aug 19 14:09:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	616443	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	2493427	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	1157647	20.00	ng	0.01
63) Phenanthrene-d10	11.20	188	2076294	20.00	ng	0.01
75) Chrysene-d12	13.95	240	1274507	20.00	ng	0.08
86) Perylene-d12	15.58	264	1099350	20.00	ng	0.21

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	2589818	72.05	ng	0.00
7) Phenol-d6	6.32	99	3559676	80.67	ng	0.00
23) Nitrobenzene-d5	7.26	82	2788082	69.47	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	885127	80.45	ng	0.01
44) 2-Fluorobiphenyl	9.05	172	4631366	70.31	ng	0.00
78) Terphenyl-d14	12.81	244	3853255	68.40	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.16	88	673462	37.86	ng	96
3) Pyridine	2.81	79	1876083	40.21	ng	93
4) n-Nitrosodimethylamine	2.76	42	695368	40.03	ng	83
6) Aniline	6.34	93	2284506	38.60	ng	# 47
8) 2-Chlorophenol	6.47	128	1676129	38.99	ng	88
9) Benzaldehyde	6.23	77	1156303	40.23	ng	85
10) Phenol	6.34	94	2180732	42.17	ng	96
11) bis(2-Chloroethyl)ether	6.43	93	1680101	41.90	ng	91
12) 1,3-Dichlorobenzene	6.86	146	1573183	35.01	ng	99
13) 1,4-Dichlorobenzene	6.71	146	1867327	40.42	ng	95
14) 1,2-Dichlorobenzene	6.71	146	1867327	43.30	ng	99
15) Benzyl Alcohol	6.83	79	1091190	37.29	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	2072307	40.38	ng	92
17) 2-Methylphenol	6.95	107	1281851	38.07	ng	97
18) Hexachloroethane	7.20	117	632845	38.41	ng	# 85
19) n-Nitroso-di-n-propylamine	7.12	70	1152062	40.82	ng	# 89
20) 3+4-Methylphenols	7.11	107	1387411	33.61	ng	90
22) Acetophenone	7.11	105	2194588	38.33	ng	# 88
24) Nitrobenzene	7.28	77	1881232	41.78	ng	# 87
25) Isophorone	7.52	82	3034000	37.48	ng	# 94
26) 2-Nitrophenol	7.59	139	798815	35.56	ng	# 78
27) 2,4-Dimethylphenol	7.63	122	1415652	34.96	ng	94
28) bis(2-Chloroethoxy)methane	7.74	93	1810210	36.14	ng	96
29) 2,4-Dichlorophenol	7.83	162	1221604	35.96	ng	91
30) 1,2,4-Trichlorobenzene	7.92	180	1449033	38.56	ng	98
31) Naphthalene	8.00	128	4450308	38.19	ng	97
32) Benzoic acid	7.77	122	1261530	39.98	ng	97
33) 4-Chloroaniline	8.04	127	1761975	34.88	ng	# 90
34) Hexachlorobutadiene	8.12	225	770808	39.17	ng	98
35) Caprolactam	8.43	113	421460	40.73	ng	97
36) 4-Chloro-3-methylphenol	8.54	107	1453925	39.51	ng	93
37) 2-Methylnaphthalene	8.68	142	2735156	36.28	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	1537750	41.02	ng	# 96
40) Hexachlorocyclopentadiene	8.84	237	540088	41.50	ng	99

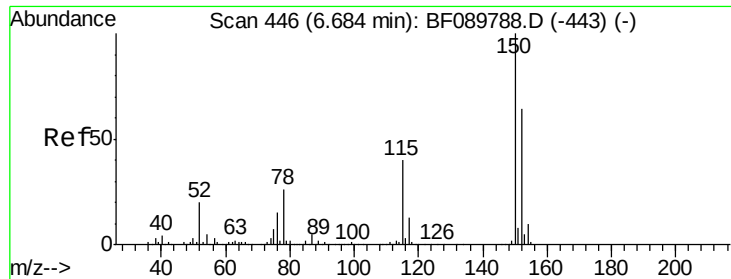
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	899929	38.16	nq	98
43) 2,4,5-Trichlorophenol	9.00	196	950680	40.53	nq	# 92
45) 1,1'-Biphenyl	9.15	154	3574861	39.90	nq	94
46) 2-Chloronaphthalene	9.18	162	2863602	40.44	nq	# 90
47) 2-Nitroaniline	9.27	65	915907	45.35	nq	# 86
48) Acenaphthylene	9.59	152	4468106	41.99	nq	98
49) Dimethylphthalate	9.46	163	3267556	40.09	nq	98
50) 2,6-Dinitrotoluene	9.52	165	778054	41.34	nq	# 70
51) Acenaphthene	9.76	154	2957460	41.99	nq	99
52) 3-Nitroaniline	9.68	138	904607	43.39	nq	93
53) 2,4-Dinitrophenol	9.78	184	363047	41.88	nq	# 68
54) Dibenzofuran	9.93	168	3614194	40.86	nq	94
55) 4-Nitrophenol	9.84	139	784831	46.12	nq	92
56) 2,4-Dinitrotoluene	9.91	165	838824	34.35	nq	# 63
57) Fluorene	10.27	166	2900600	41.15	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	703481	41.21	nq	99
59) Diethylphthalate	10.16	149	3176916	38.37	nq	98
60) 4-Chlorophenyl-phenylether	10.26	204	1215698	37.81	nq	91
61) 4-Nitroaniline	10.28	138	833640	42.65	nq	96
62) Azobenzene	10.42	77	2920695	37.52	nq	95
64) 4,6-Dinitro-2-methylphenol	10.32	198	525614	44.05	nq	# 75
65) n-Nitrosodiphenylamine	10.39	169	2548537	39.04	nq	98
66) 4-Bromophenyl-phenylether	10.75	248	805571	37.01	nq	# 79
67) Hexachlorobenzene	10.81	284	867276	34.92	nq	# 76
68) Atrazine	10.92	200	769362	38.48	nq	92
69) Pentachlorophenol	11.00	266	611626	43.45	nq	97
70) Phenanthrene	11.22	178	3717531	35.45	nq	94
71) Anthracene	11.28	178	4171868	39.14	nq	100
72) Carbazole	11.43	167	3303992	34.56	nq	97
73) Di-n-butylphthalate	11.78	149	4662059	38.97	nq	97
74) Fluoranthene	12.41	202	3547478	35.56	nq	93
76) Benzidine	12.55	184	1812731	43.95	nq	99
77) Pyrene	12.65	202	4080449	39.32	nq	97
79) Butylbenzylphthalate	13.34	149	1951904	41.64	nq	97
80) Benzo(a)anthracene	13.94	228	2789148	38.21	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	969029	40.50	nq	# 93
82) Chrysene	13.99	228	2453332	39.21	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	2526040	39.12	nq	98
84) Di-n-octyl phthalate	14.72	149	3617490	42.16	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.89	276	2912461	36.48	nq	99
87) Benzo(b)fluoranthene	15.15	252	2306605	38.14	nq	# 96
88) Benzo(k)fluoranthene	15.15	252	2306605	42.04	nq	99
89) Benzo(a)pyrene	15.52	252	2302362	40.22	nq	# 95
90) Dibenzo(a,h)anthracene	16.93	278	2459974	39.59	nq	96
91) Benzo(g,h,i)perylene	17.28	276	2510792	38.37	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF089792.D

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ICVBF081916

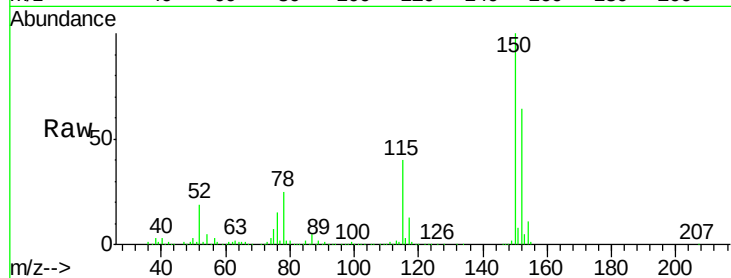
Tot Ion:152 Resp: 616443

Ion Ratio Lower Upper

152 100

150 156.1 125.3 187.9

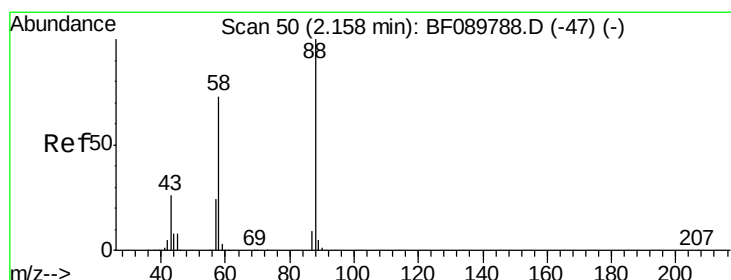
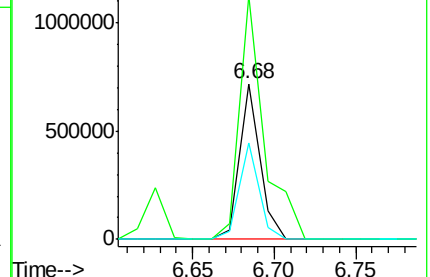
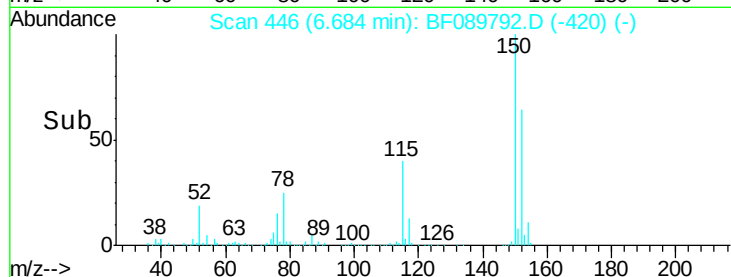
115 61.9 40.9 61.3#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.86 ng

RT: 2.16 min Scan# 50

Delta R.T. 0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

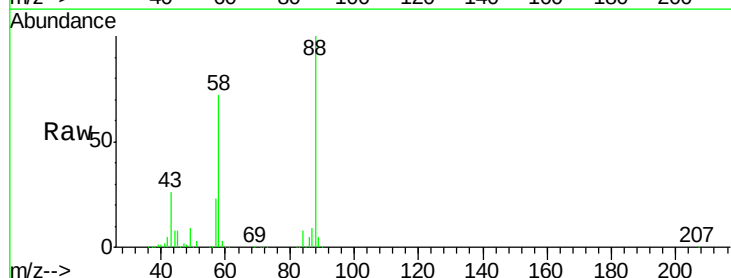
Tgt Ion: 88 Resp: 673462

Ion Ratio Lower Upper

88 100

58 68.7 57.0 85.4

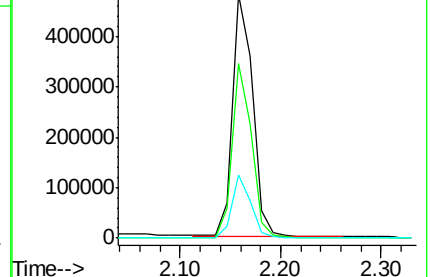
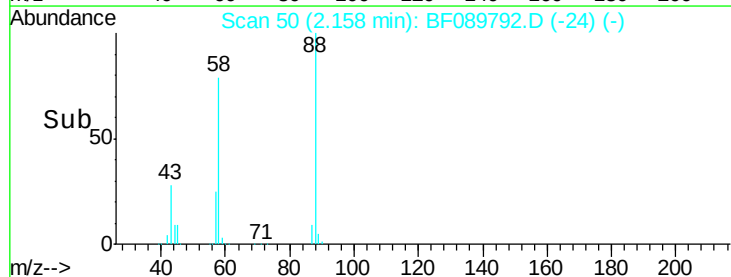
43 24.5 21.8 32.8

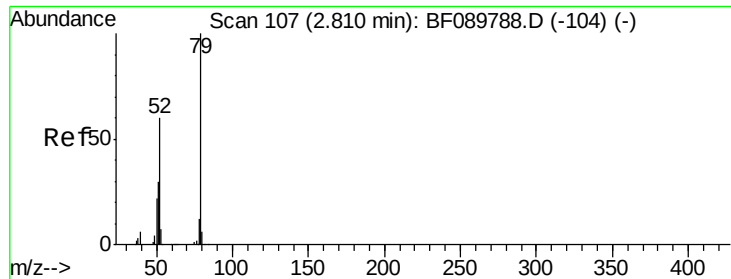


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 40.21 ng

RT: 2.81 min Scan# 107

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

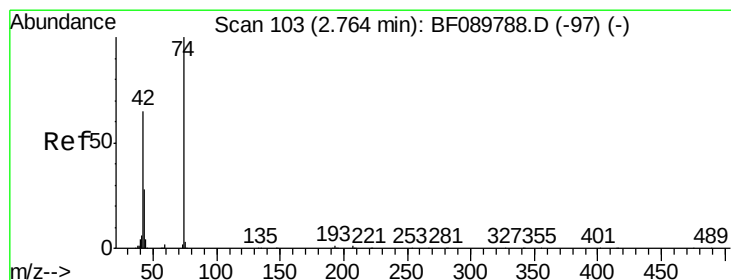
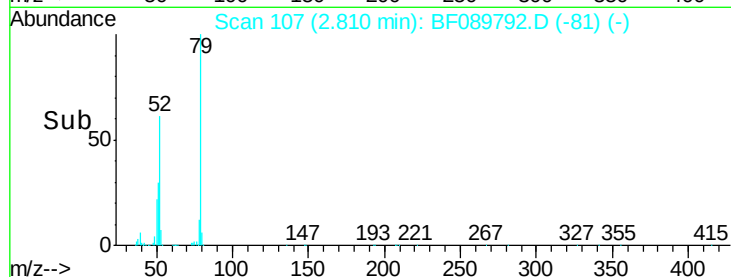
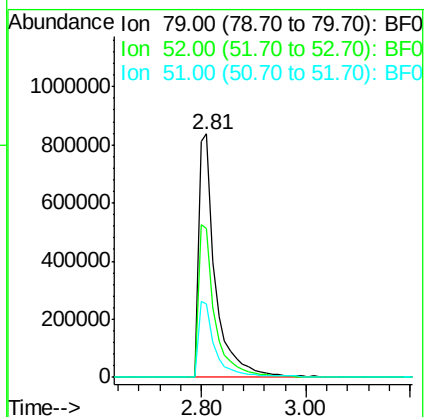
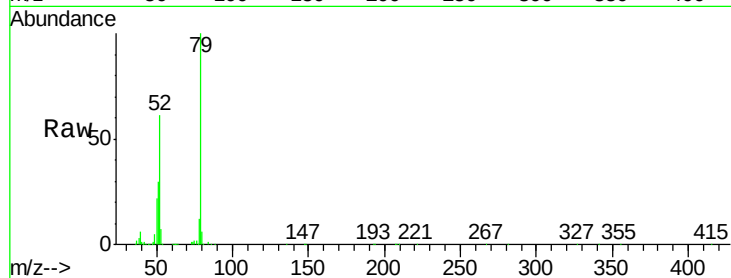
Tot Ion: 79 Resp: 1876083

Ion Ratio Lower Upper

79 100

52 61.1 53.6 80.4

51 30.2 26.6 39.8



#4

n-Nitrosodimethylamine

Concen: 40.03 ng

RT: 2.76 min Scan# 103

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

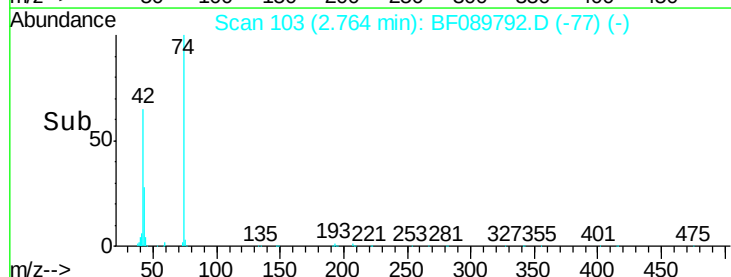
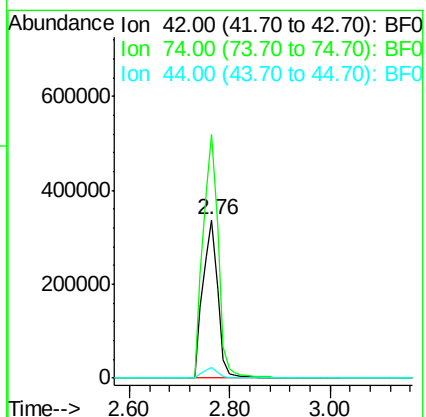
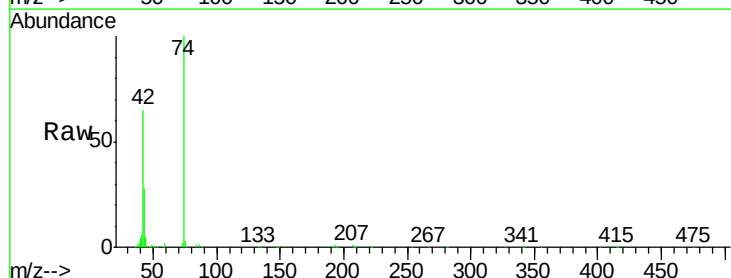
Tgt Ion: 42 Resp: 695368

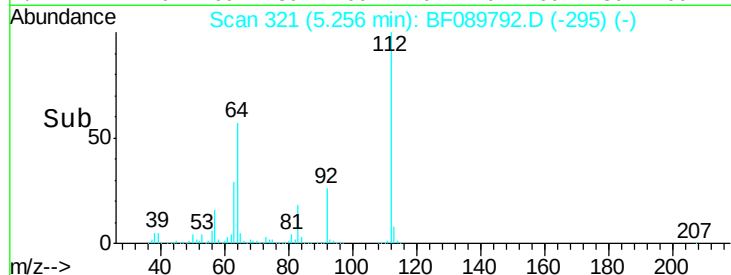
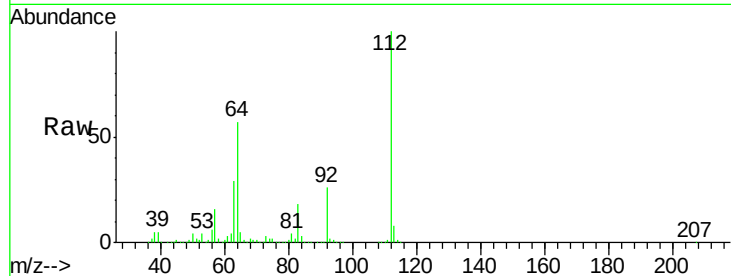
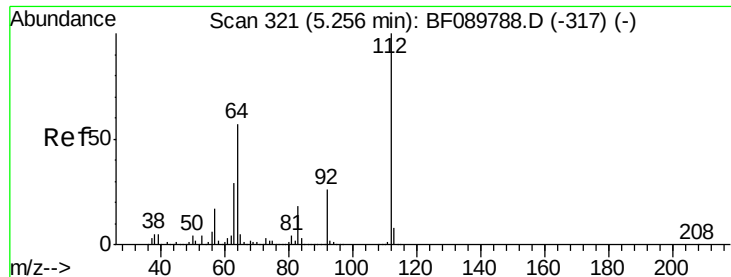
Ion Ratio Lower Upper

42 100

74 154.2 106.2 159.2

44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 72.05 ng

RT: 5.26 min Scan# 321

Delta R.T. 0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

Tot Ion:112 Resp: 2589818

Ion Ratio Lower Upper

112 100

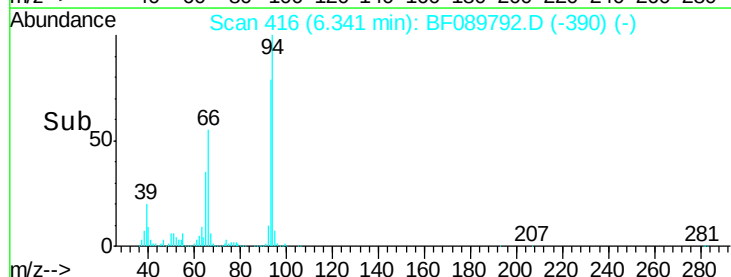
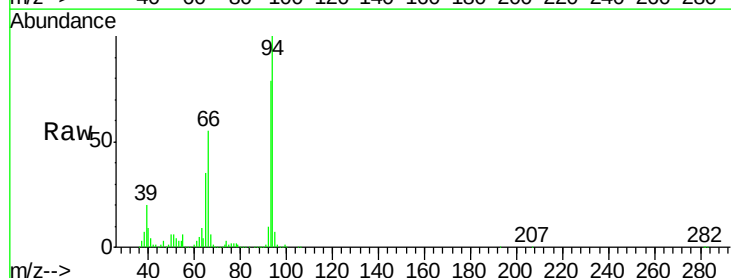
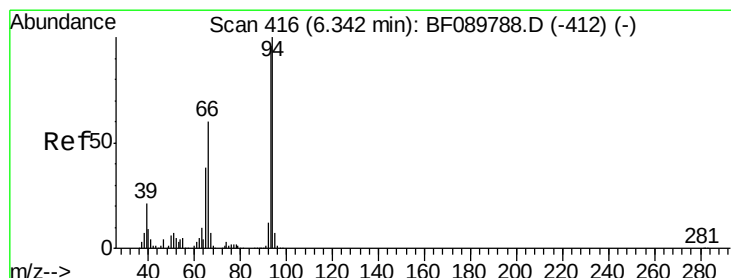
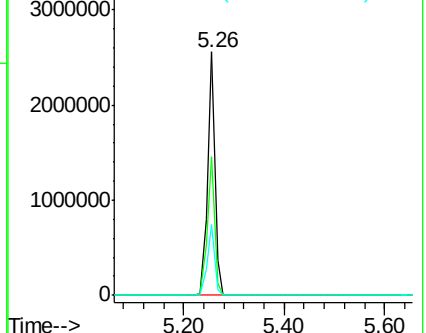
64 57.0 45.0 67.4

63 29.1 23.1 34.7

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: 38.60 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Tgt Ion: 93 Resp: 2284506

Ion Ratio Lower Upper

93 100

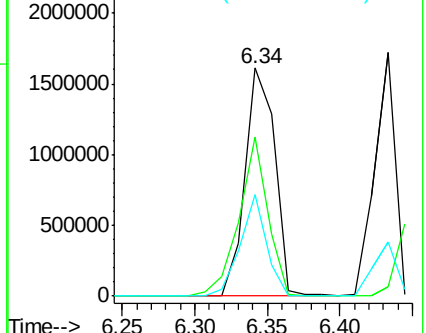
66 69.8 30.6 46.0#

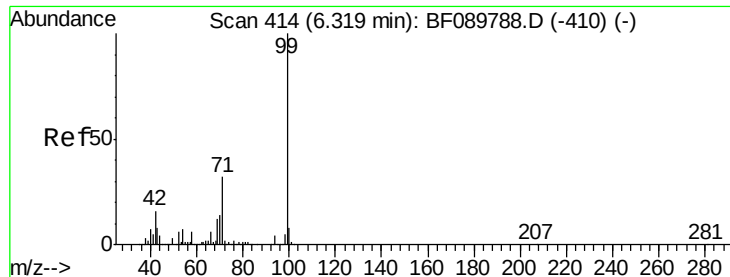
65 44.7 15.4 23.2#

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: 80.67 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

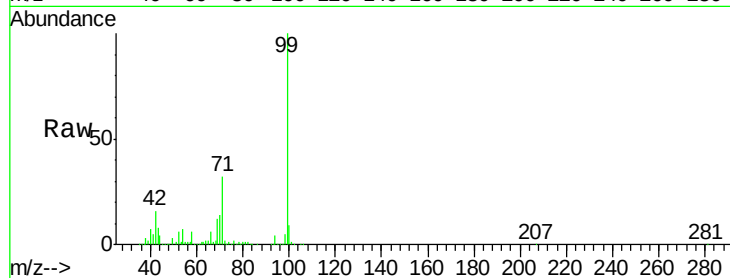
Tot Ion: 99 Resp: 3559676

Ion Ratio Lower Upper

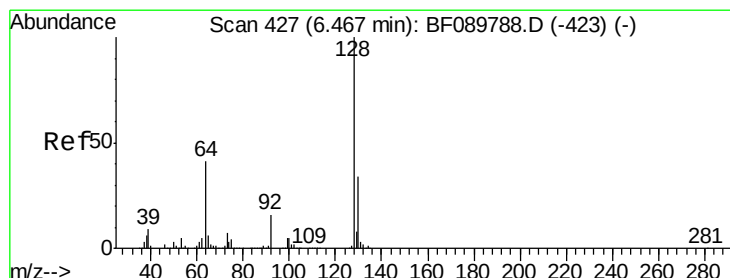
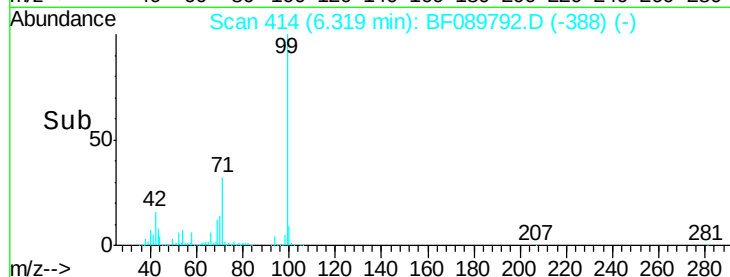
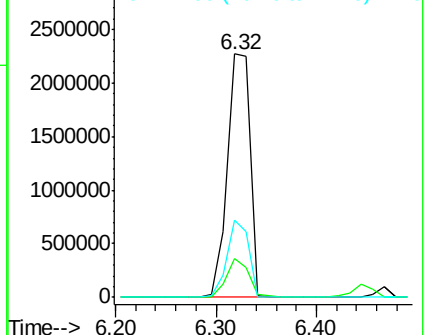
99 100

42 16.2 12.2 18.4

71 31.6 23.8 35.8



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: 38.99 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

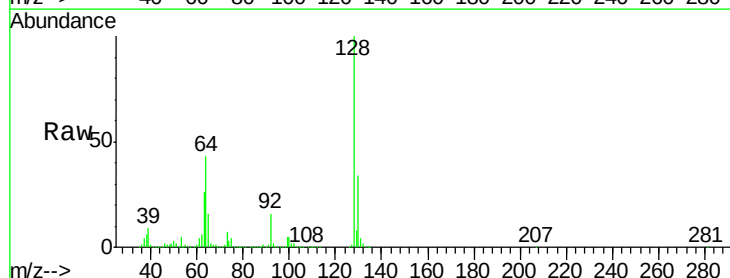
Tgt Ion: 128 Resp: 1676129

Ion Ratio Lower Upper

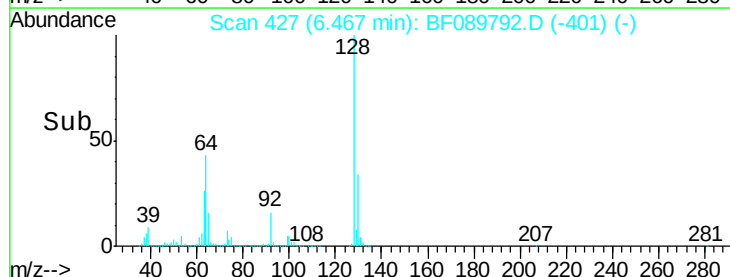
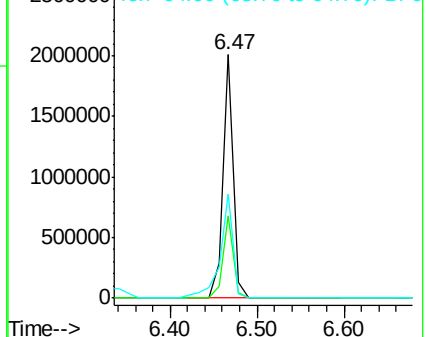
128 100

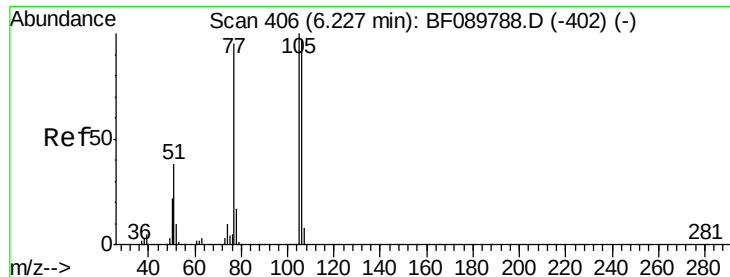
130 34.1 12.0 52.0

64 42.9 35.1 75.1



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





#9

Benzaldehyde

Concen: 40.23 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

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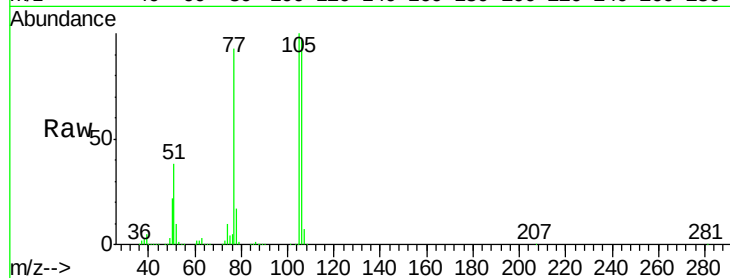
Tot Ion: 77 Resp: 1156303

Ion Ratio Lower Upper

77 100

105 107.1 73.3 113.3

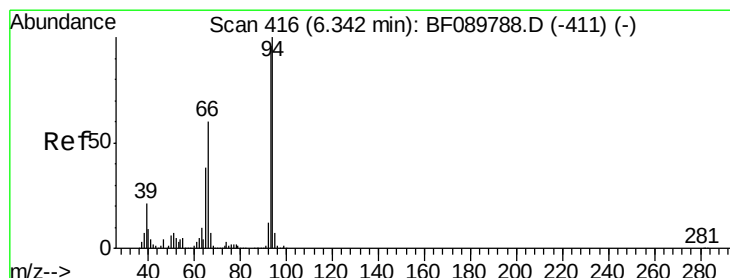
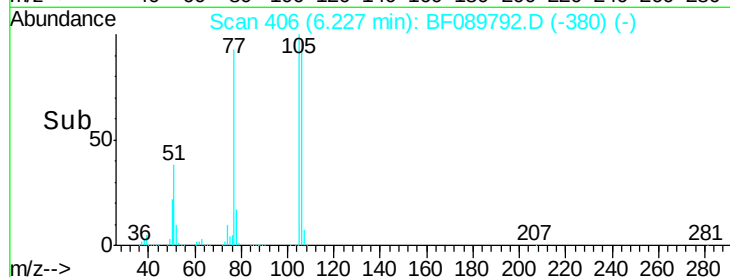
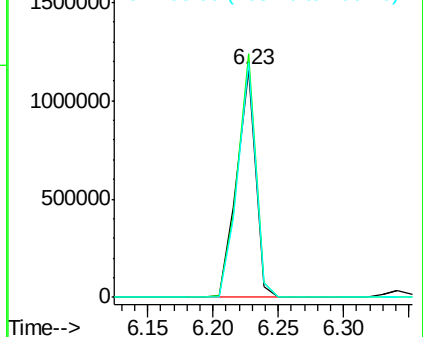
106 103.4 68.6 108.6



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: 42.17 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

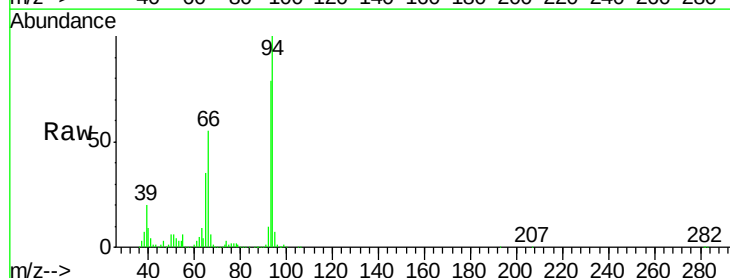
Tgt Ion: 94 Resp: 2180732

Ion Ratio Lower Upper

94 100

65 35.2 14.0 54.0

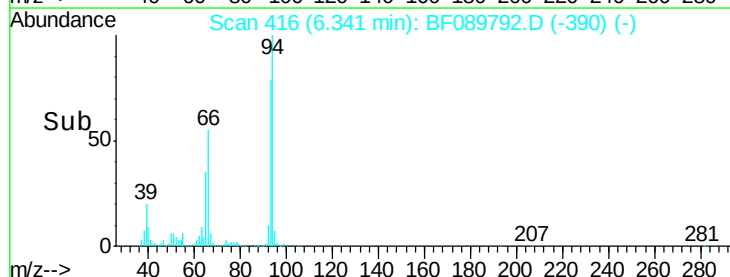
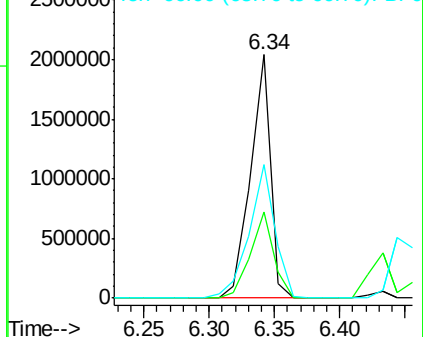
66 55.0 31.2 71.2

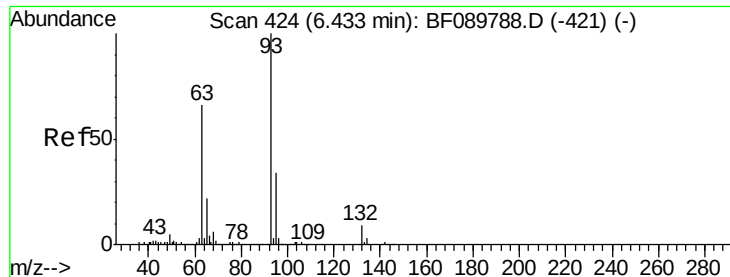


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.90 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

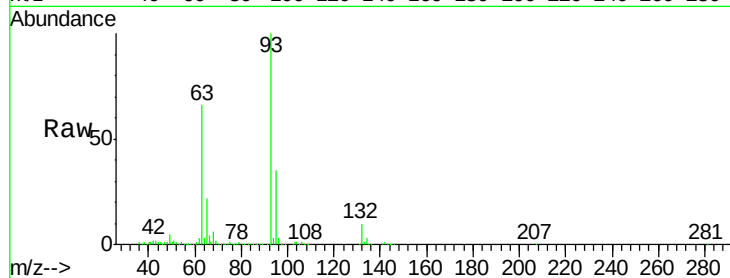
Tot Ion: 93 Resp: 1680101

Ion	Ratio	Lower	Upper
93	100		
63	66.1	55.8	95.8
95	34.6	13.0	53.0

93 100

63 66.1 55.8 95.8

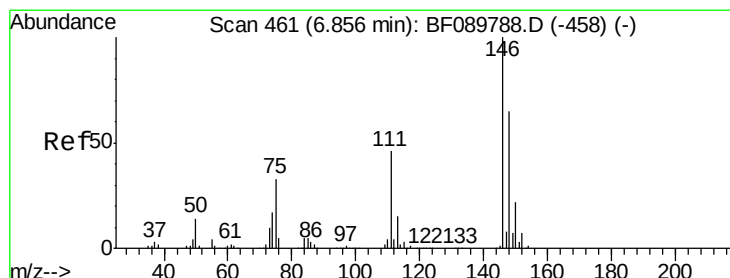
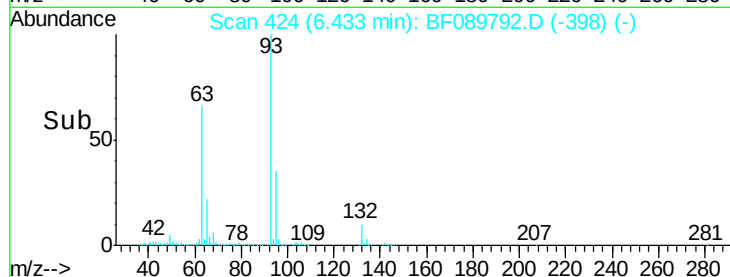
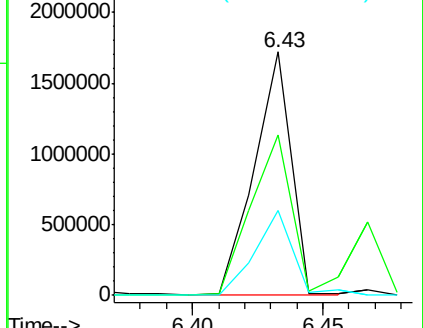
95 34.6 13.0 53.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 35.01 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.23 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

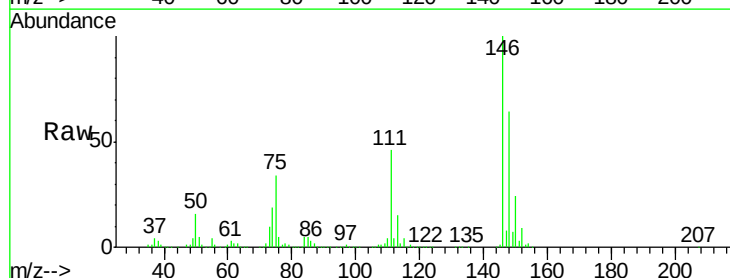
Tgt Ion: 146 Resp: 1573183

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.4
75	34.0	27.0	40.6

146 100

148 64.2 51.0 76.4

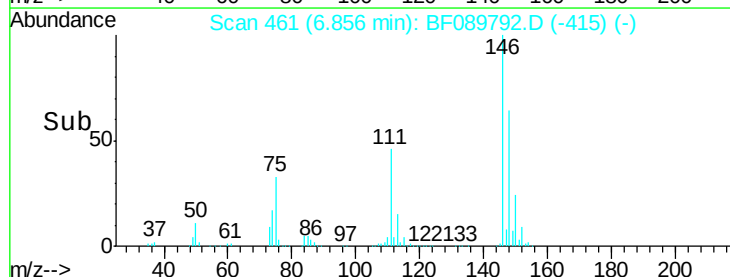
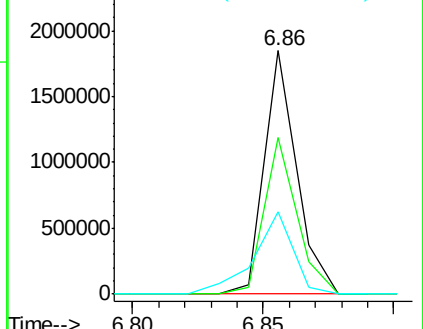
75 34.0 27.0 40.6

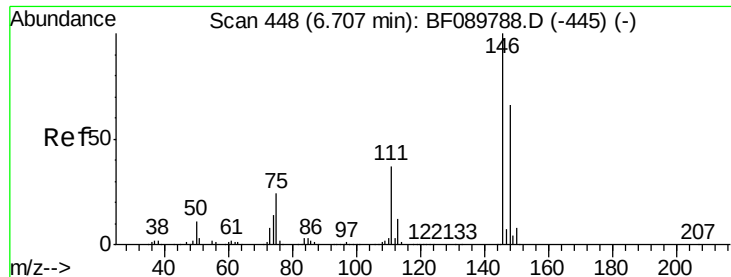


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

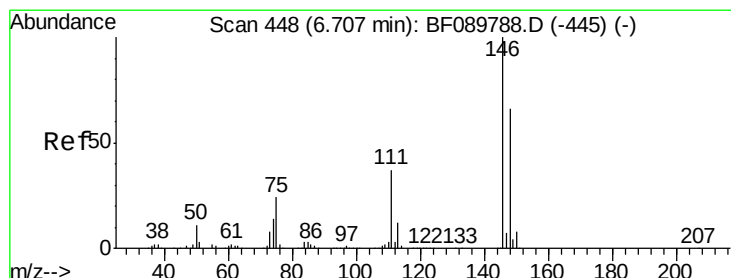
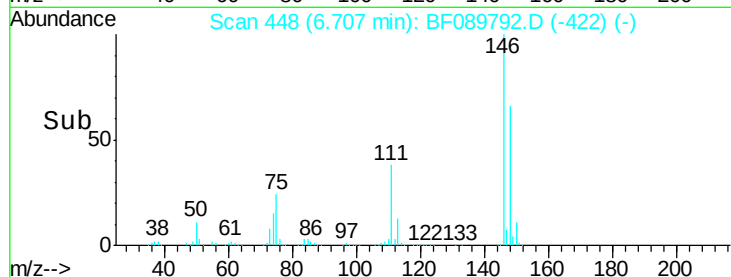
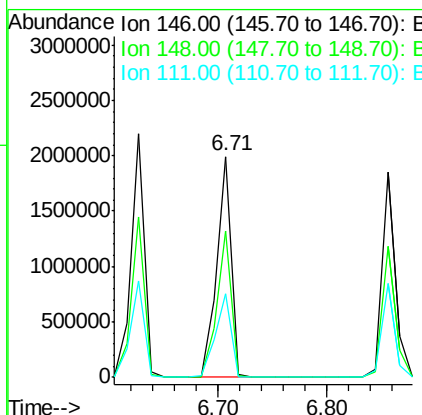
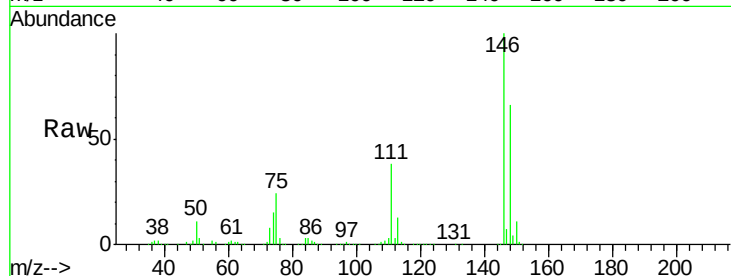




#13
 1,4-Dichlorobenzene
 Concen: 40.42 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

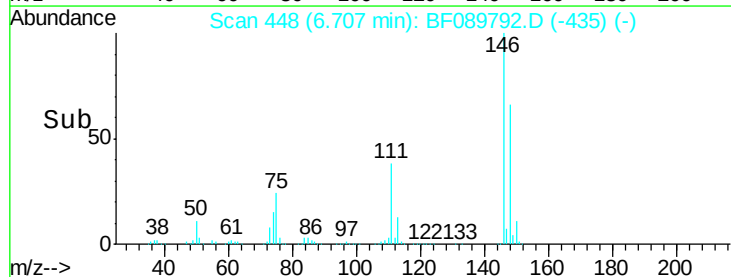
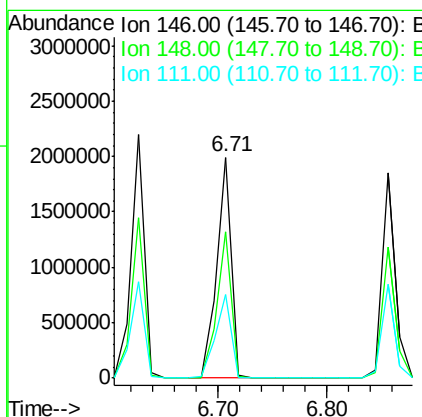
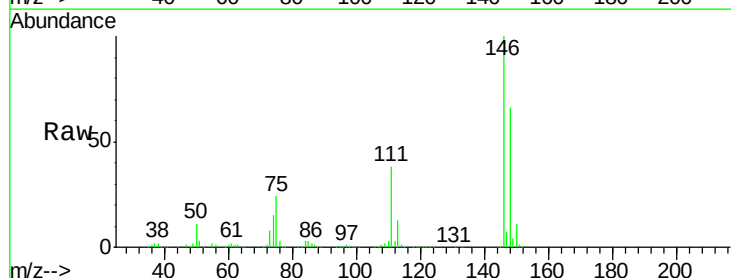
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081916

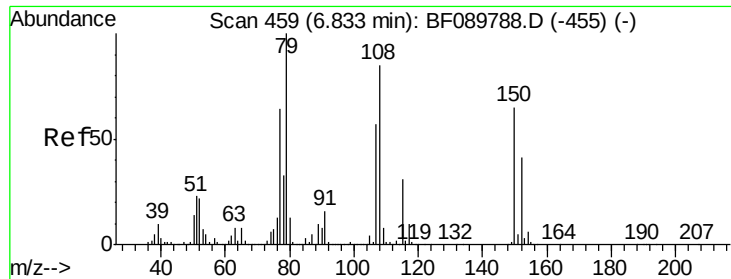
Tot Ion:146 Resp: 1867327
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.0 76.6
 111 37.9 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 43.30 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.15 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Tgt Ion:146 Resp: 1867327
 Ion Ratio Lower Upper
 146 100
 148 66.3 52.2 78.2
 111 37.9 29.8 44.6





#15

Benzyl Alcohol

Concen: 37.29 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

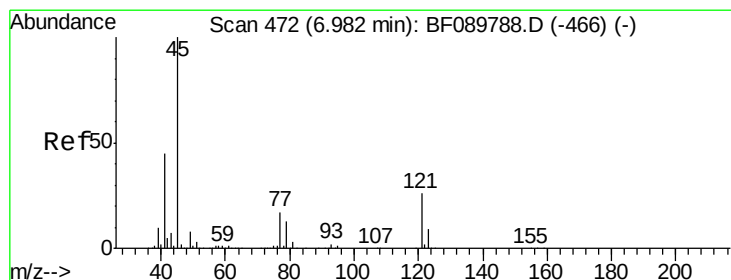
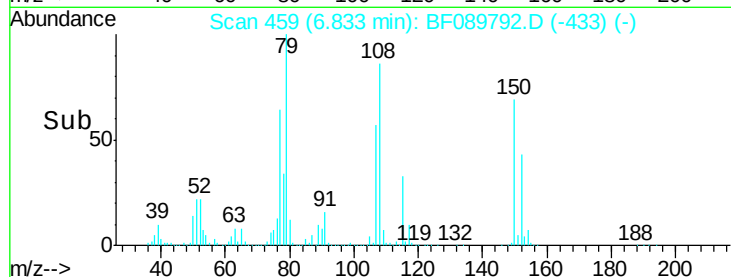
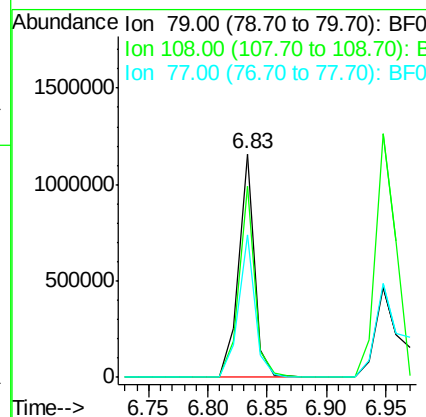
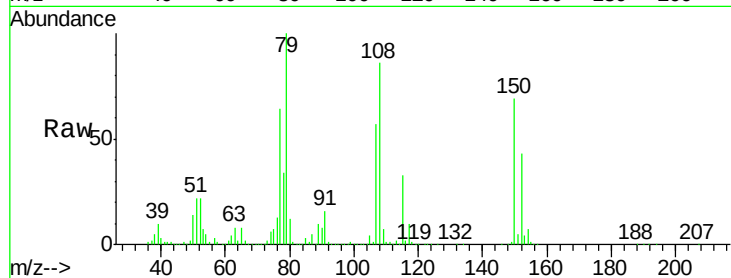
Tot Ion: 79 Resp: 1091190

Ion Ratio Lower Upper

79 100

108 85.6 62.5 93.7

77 63.5 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.38 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

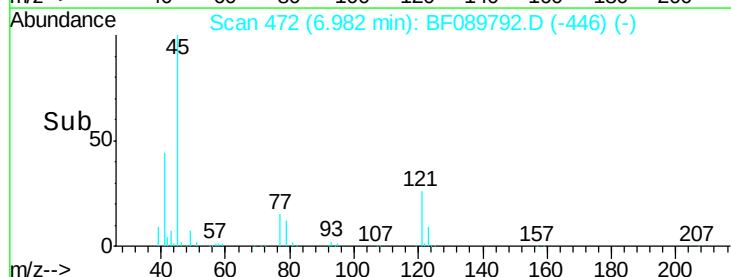
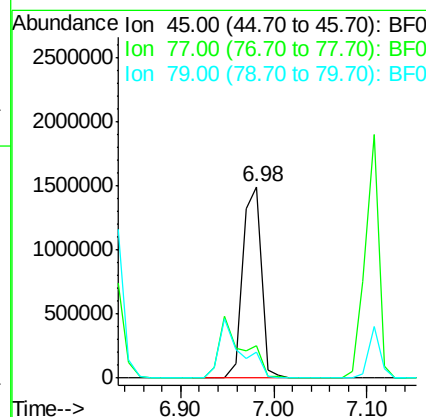
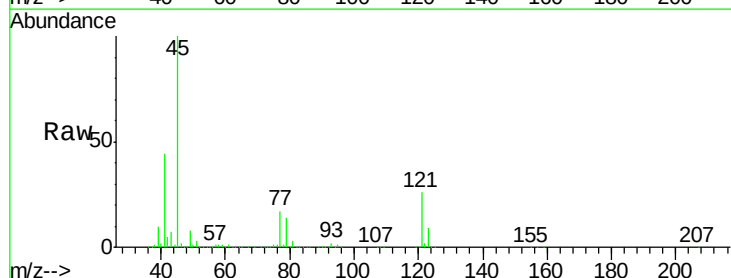
Tgt Ion: 45 Resp: 2072307

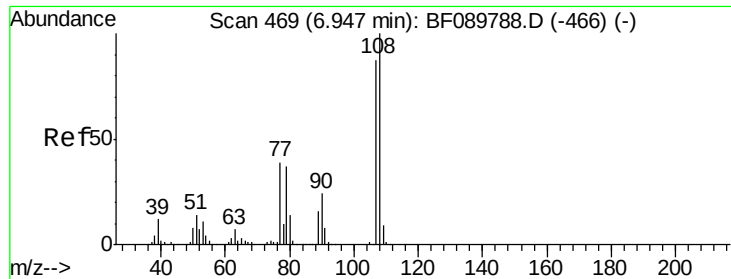
Ion Ratio Lower Upper

45 100

77 17.0 0.0 33.5

79 13.7 0.0 30.7





#17

2-Methylphenol

Concen: 38.07 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

Tot Ion:107 Resp: 1281851

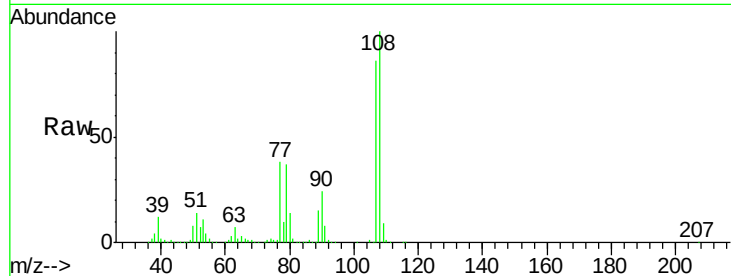
Ion Ratio Lower Upper

107 100

108 116.2 91.0 136.4

77 44.7 37.4 56.0

79 42.7 36.6 55.0

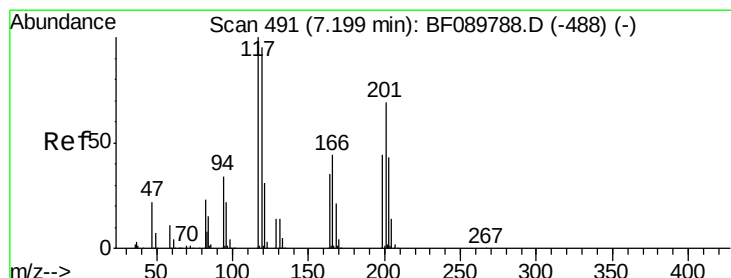
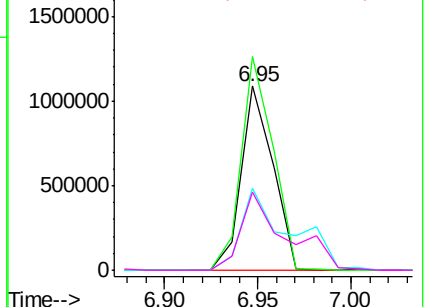
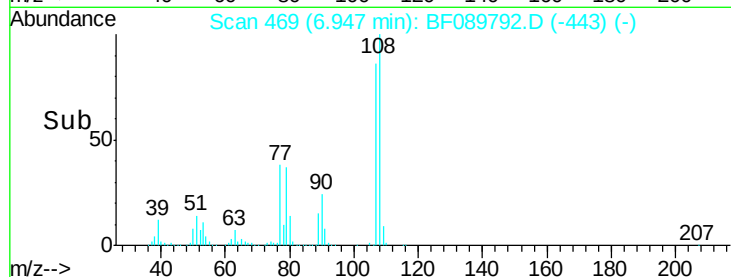


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.41 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

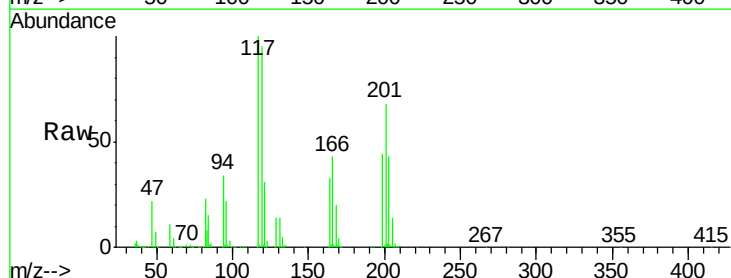
Tgt Ion:117 Resp: 632845

Ion Ratio Lower Upper

117 100

119 95.0 77.1 115.7

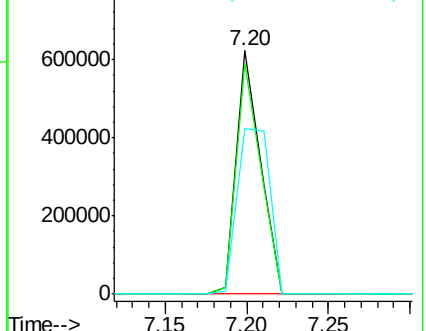
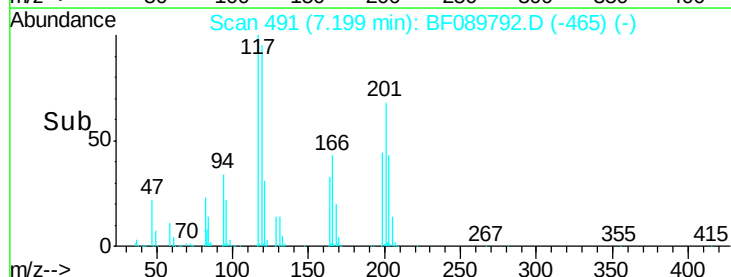
201 67.8 76.9 115.3#

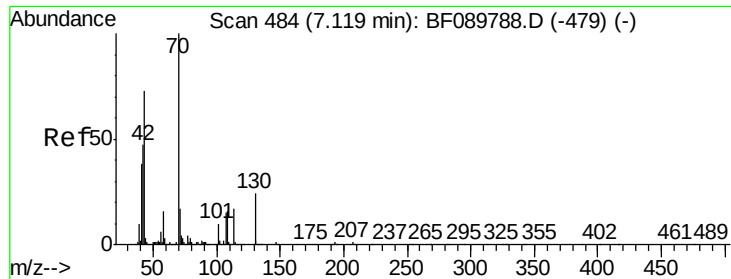


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

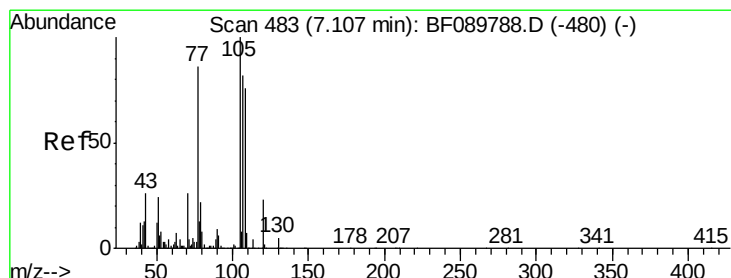
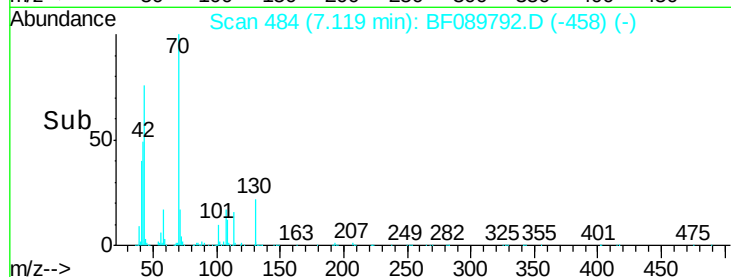
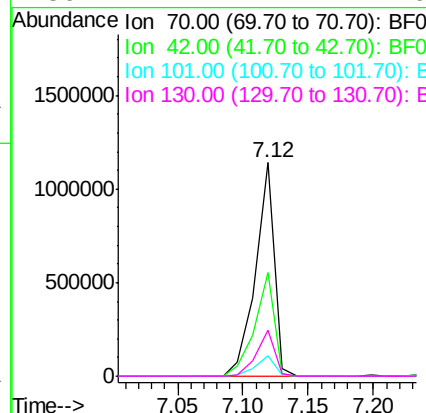
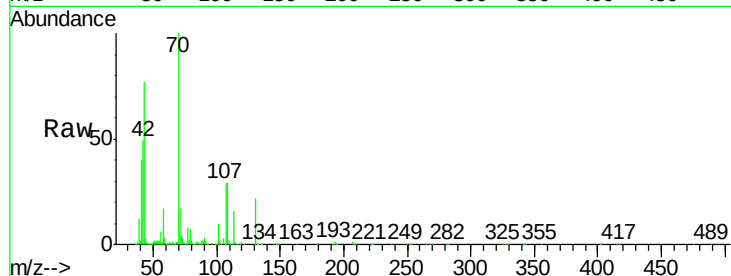




#19
n-Nitroso-di-n-propylamine
Concen: 40.82 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

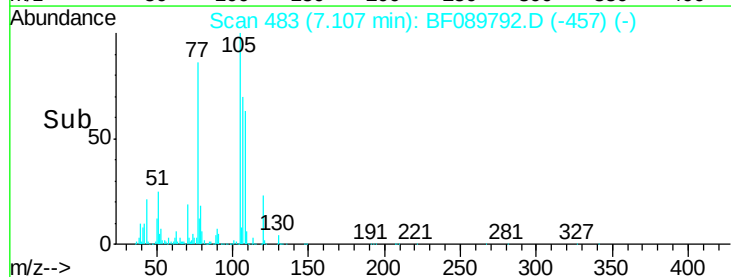
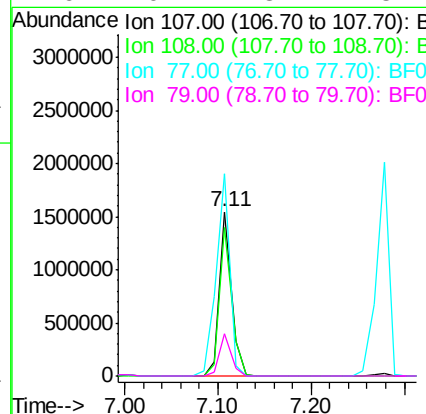
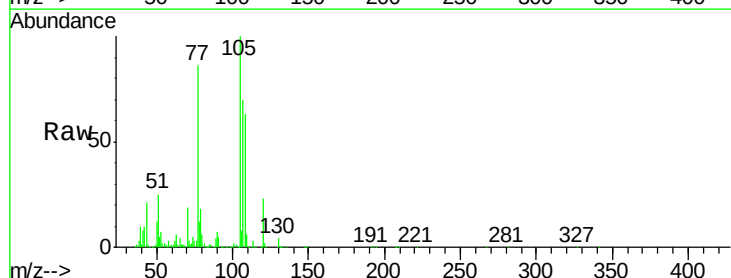
Instrument :
BNA_F
ClientSampleId :
ICVBF081916

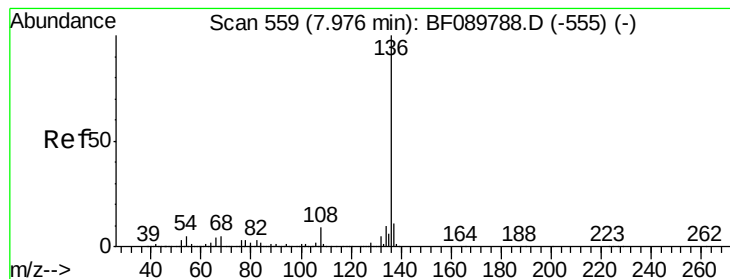
Tot Ion: 70 Resp: 1152062
Ion Ratio Lower Upper
70 100
42 48.6 46.3 69.5
101 9.8 7.0 10.6
130 21.7 14.4 21.6#



#20
3+4-Methylphenols
Concen: 33.61 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Tgt Ion:107 Resp: 1387411
Ion Ratio Lower Upper
107 100
108 90.9 68.2 108.2
77 123.0 122.3 162.3
79 26.1 8.2 48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

Tot Ion:136 Resp: 2493427

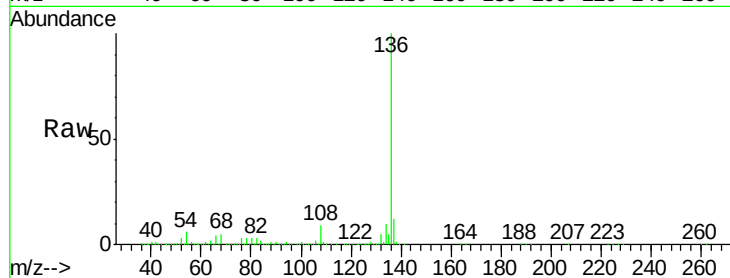
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 5.9 7.2 10.8#

68 5.4 5.8 8.8#

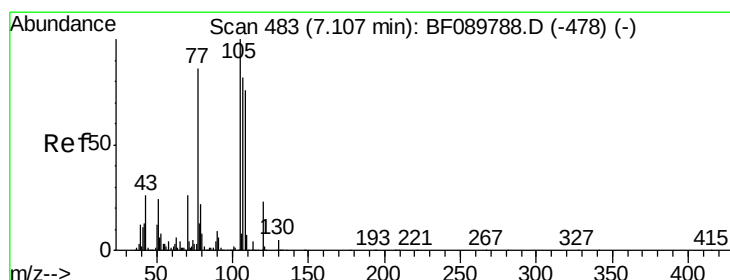
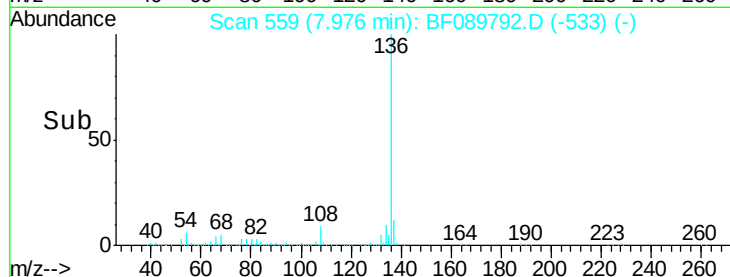
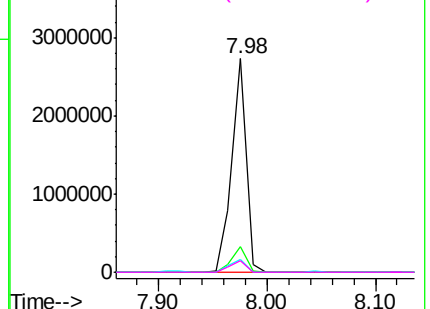


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.33 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Tgt Ion:105 Resp: 2194588

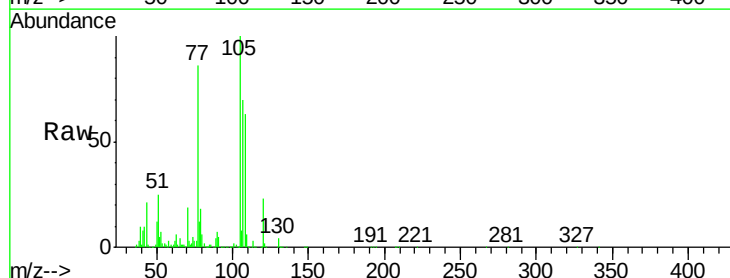
Ion Ratio Lower Upper

105 100

71 3.2 1.9 2.9#

51 25.5 28.5 42.7#

120 22.9 16.6 25.0

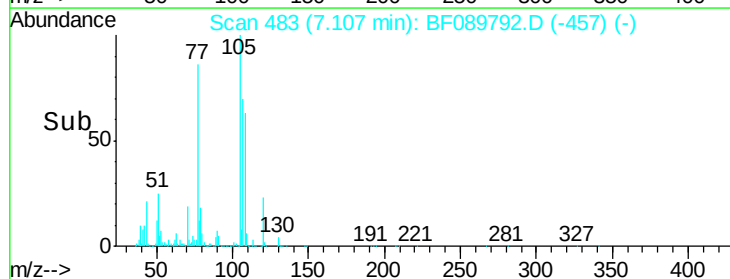
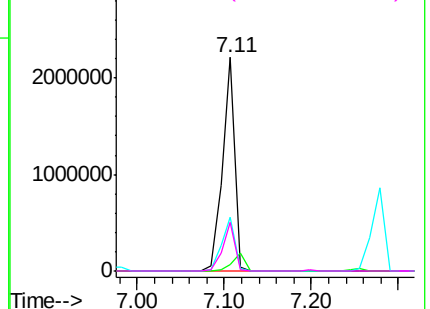


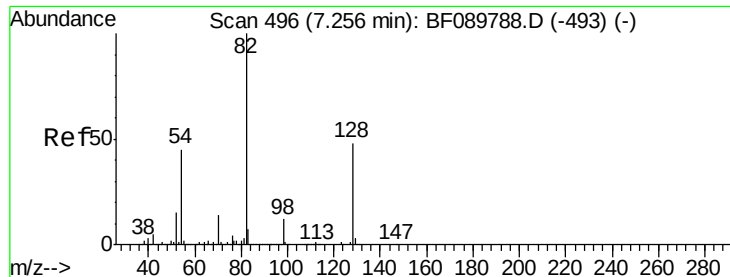
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



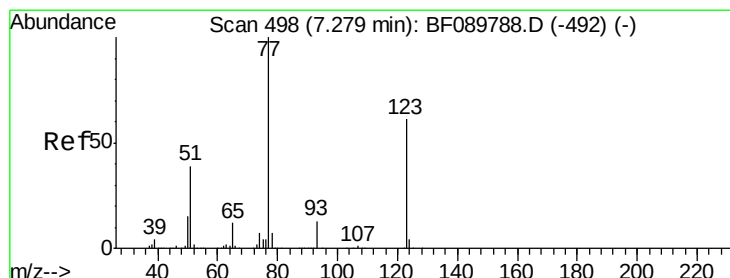
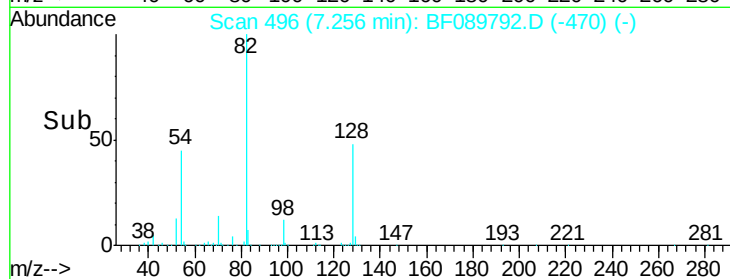
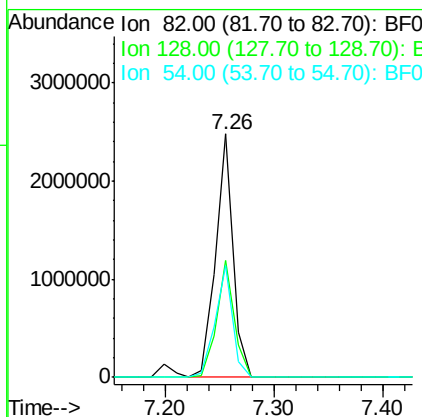
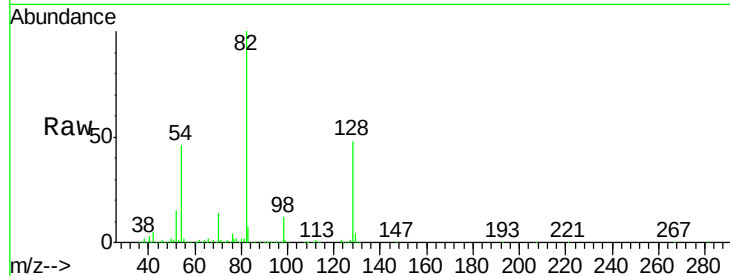


#23
 Nitrobenzene-d5
 Concen: 69.47 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081916

Tot Ion: 82 Resp: 2788082

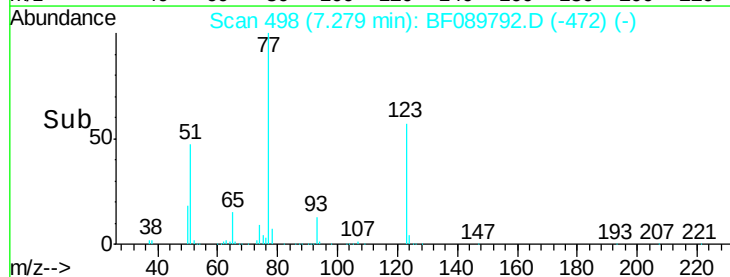
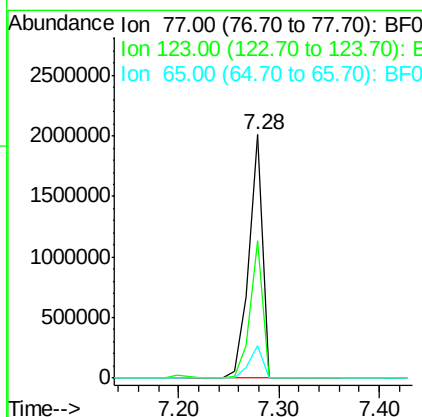
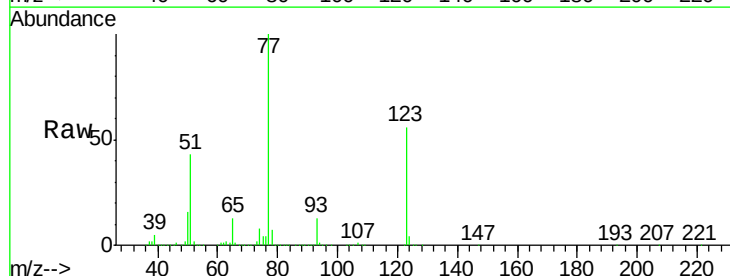
Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.4	51.6
54	46.0	40.3	60.5

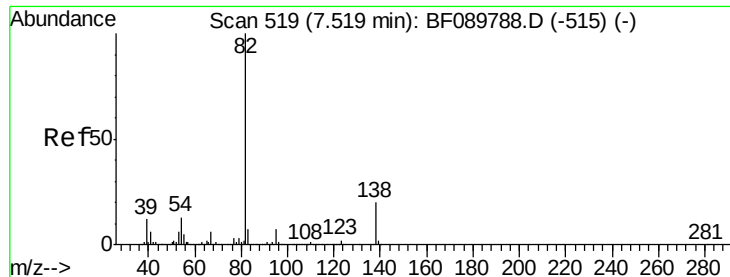


#24
 Nitrobenzene
 Concen: 41.78 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Tgt Ion: 77 Resp: 1881232

Ion	Ratio	Lower	Upper
77	100		
123	56.4	36.2	54.2#
65	13.2	10.6	15.8





#25

Isophorone

Concen: 37.48 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

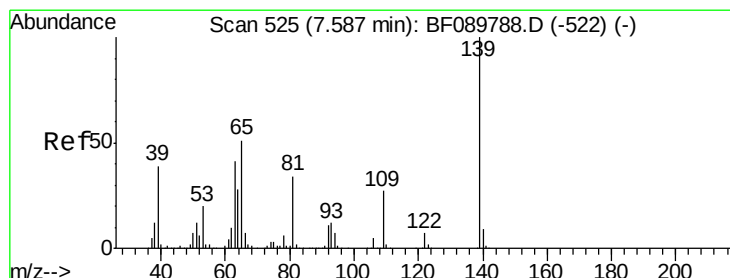
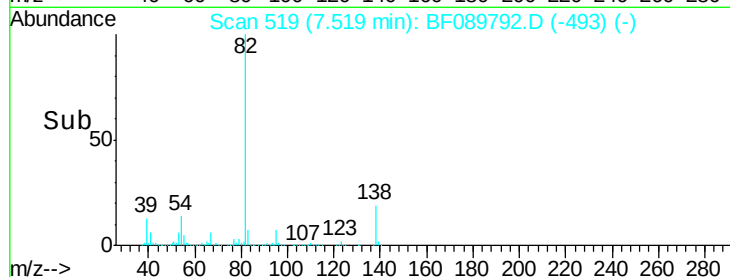
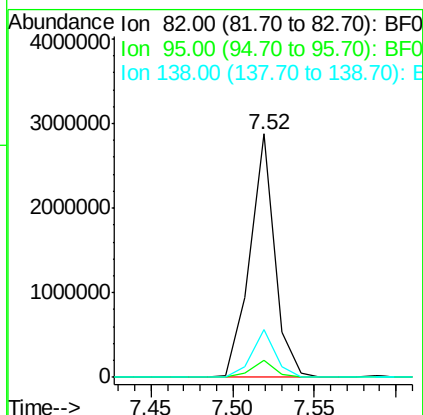
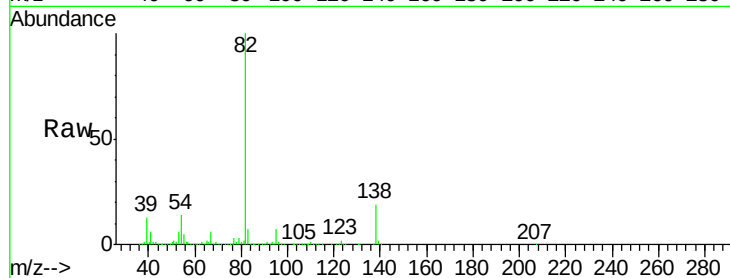
Tot Ion: 82 Resp: 3034000

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 19.5 13.0 19.4#



#26

2-Nitrophenol

Concen: 35.56 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

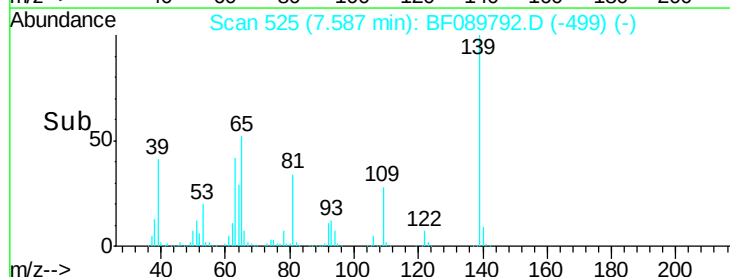
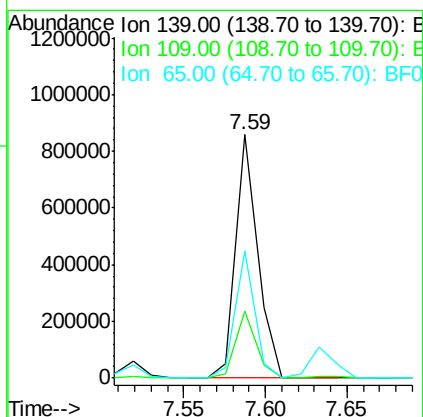
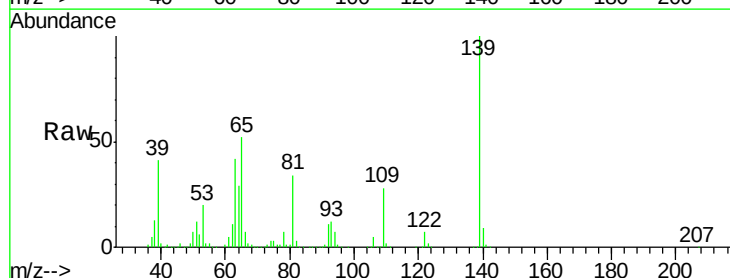
Tgt Ion: 139 Resp: 798815

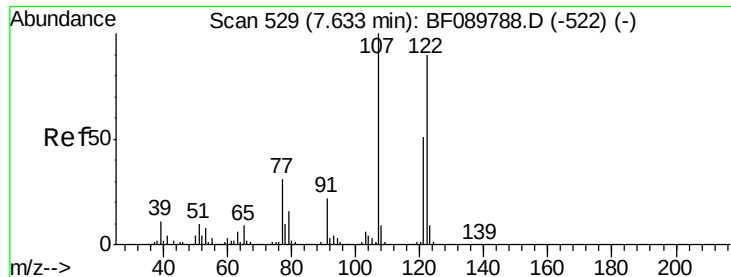
Ion Ratio Lower Upper

139 100

109 27.7 19.5 29.3

65 52.3 26.5 39.7#





#27

2,4-Dimethylphenol

Concen: 34.96 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

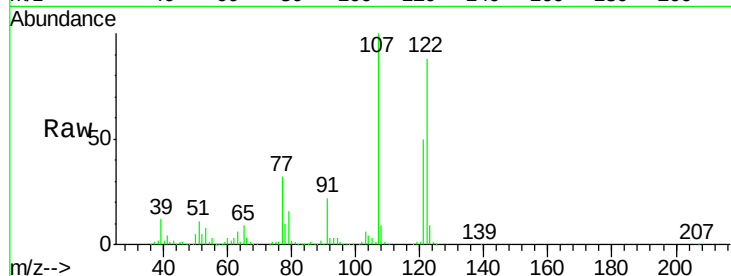
Tot Ion:122 Resp: 1415652

Ion Ratio Lower Upper

122 100

107 114.2 84.8 127.2

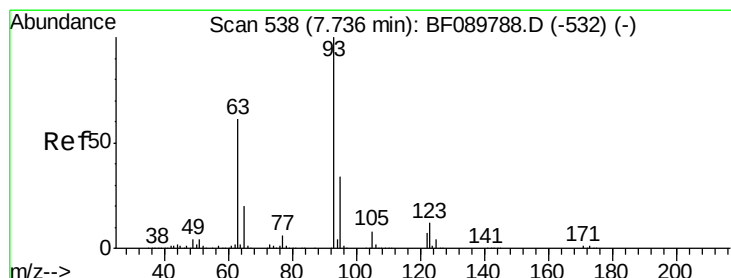
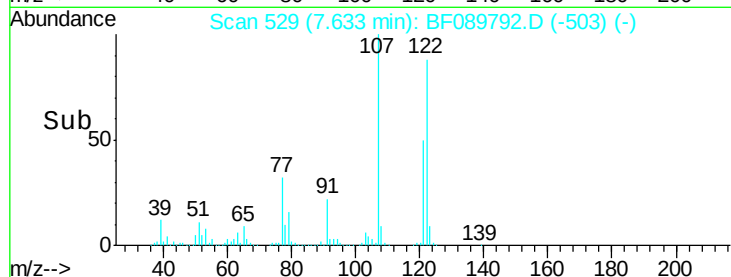
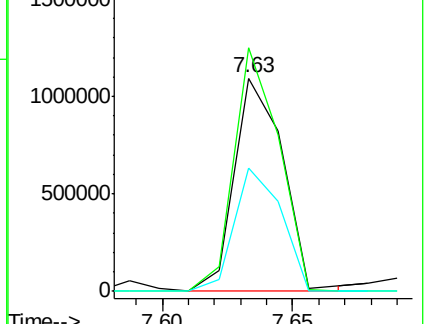
121 57.5 47.0 70.6



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: 36.14 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

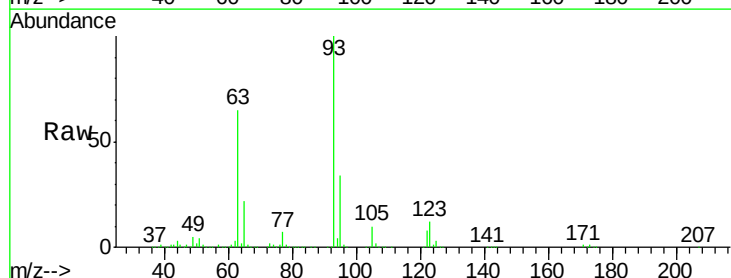
Tgt Ion: 93 Resp: 1810210

Ion Ratio Lower Upper

93 100

95 34.5 25.5 38.3

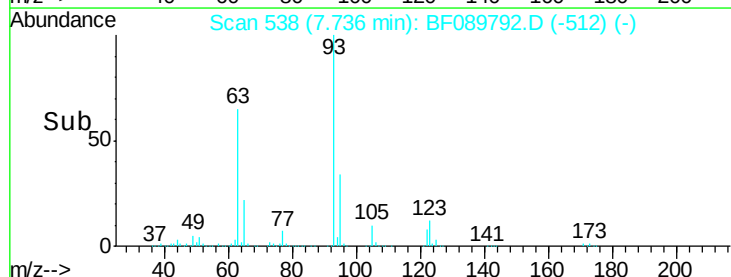
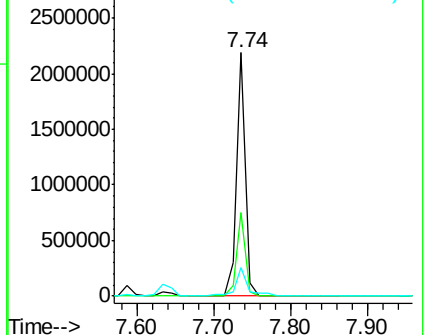
123 11.8 8.5 12.7

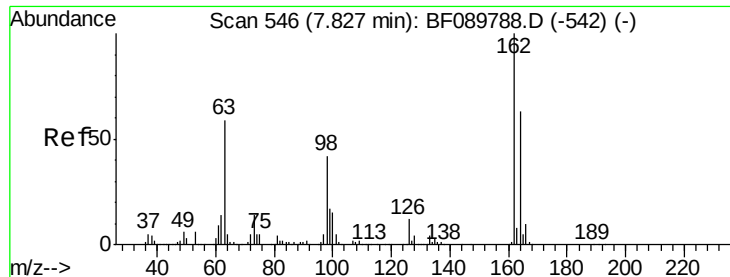


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

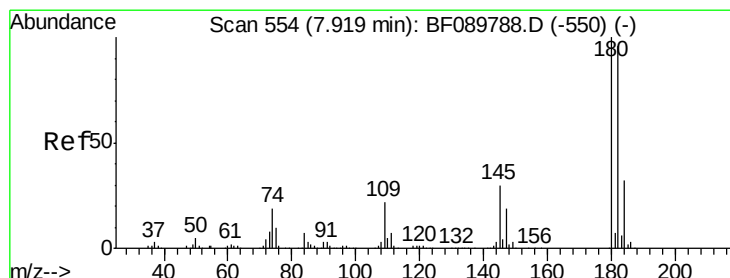
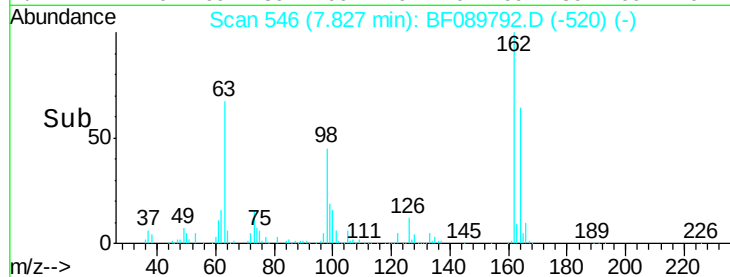
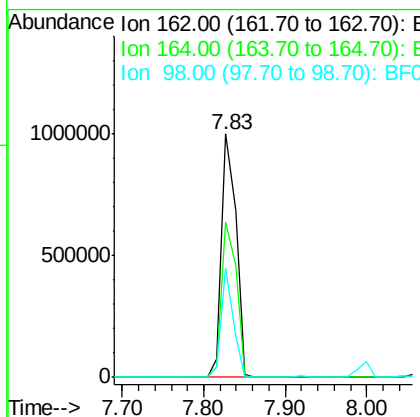
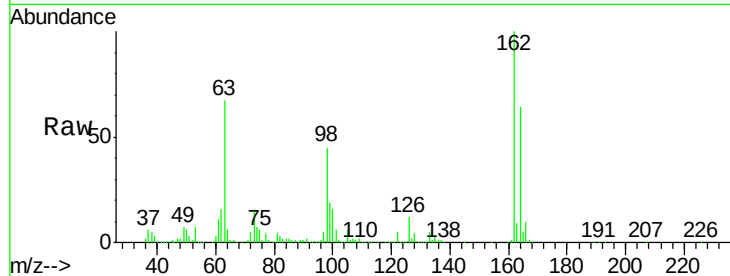




#29
 2,4-Dichlorophenol
 Concen: 35.96 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

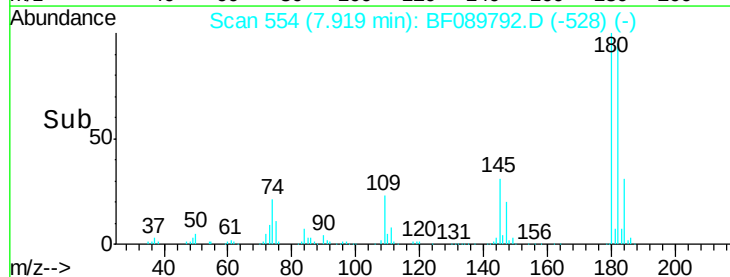
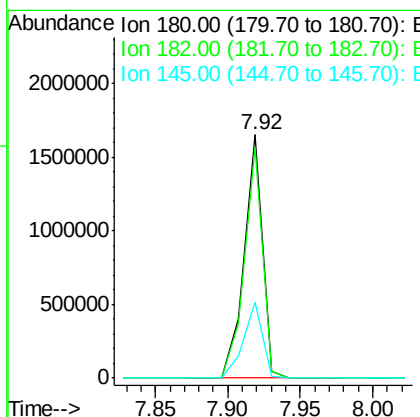
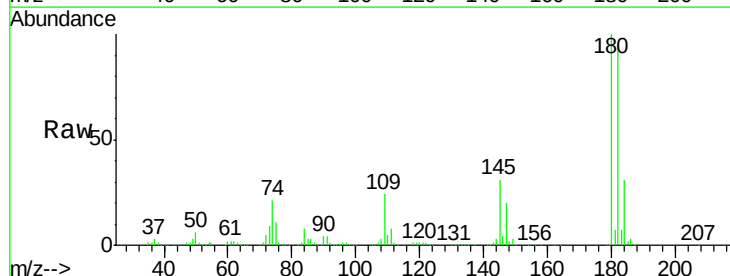
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081916

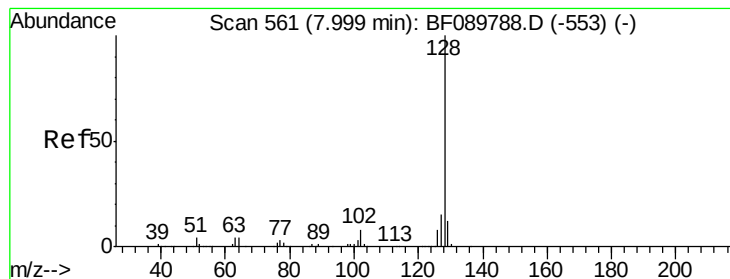
Tot Ion:162 Resp: 1221604
 Ion Ratio Lower Upper
 162 100
 164 63.8 45.5 85.5
 98 45.0 12.4 52.4



#30
 1,2,4-Trichlorobenzene
 Concen: 38.56 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Tgt Ion:180 Resp: 1449033
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.5 113.3
 145 31.2 28.7 43.1





#31

Naphthalene

Concen: 38.19 ng

RT: 8.00 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

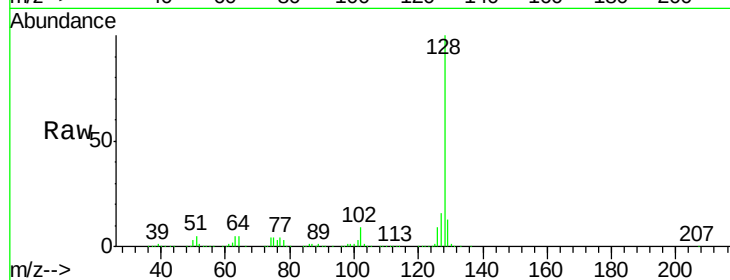
Tot Ion:128 Resp: 4450308

Ion Ratio Lower Upper

128 100

129 12.8 9.5 14.3

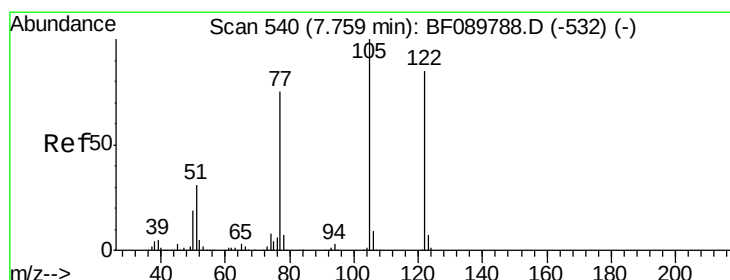
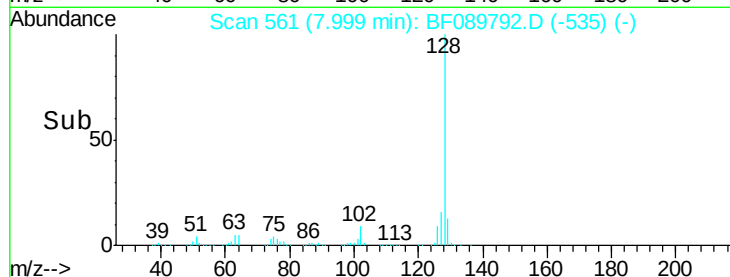
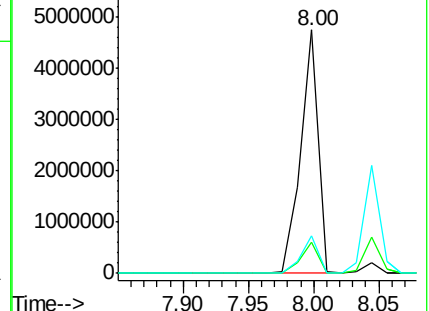
127 15.5 11.3 16.9



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: 39.98 ng

RT: 7.77 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

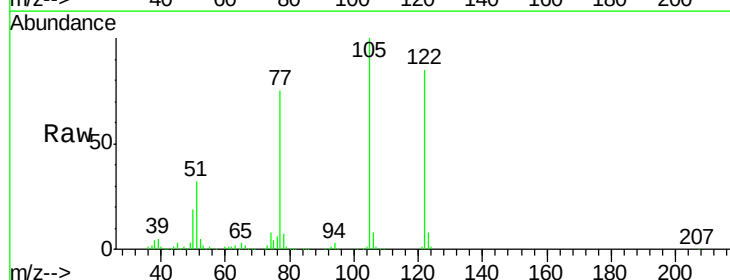
Tgt Ion:122 Resp: 1261530

Ion Ratio Lower Upper

122 100

105 118.1 100.8 140.8

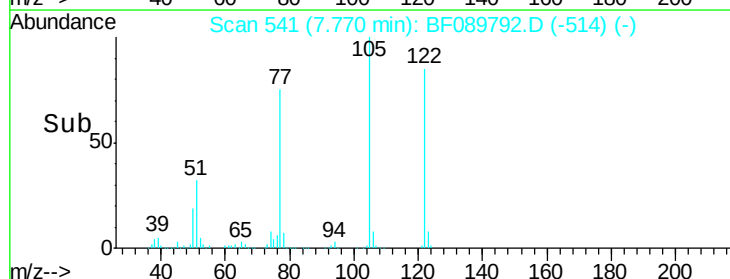
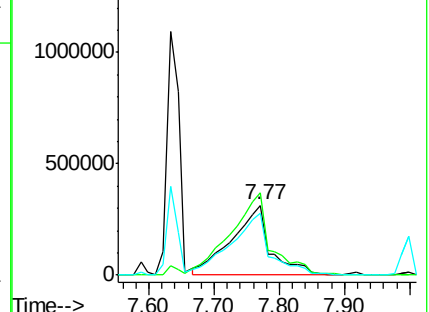
77 88.6 72.1 112.1

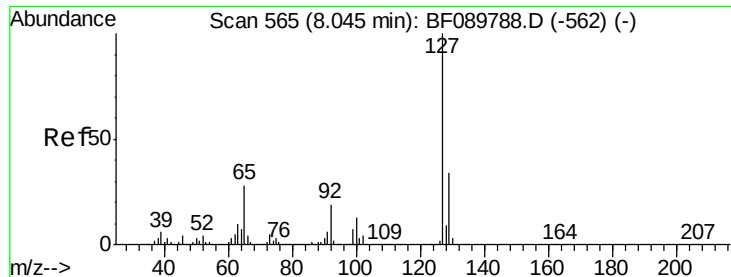


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

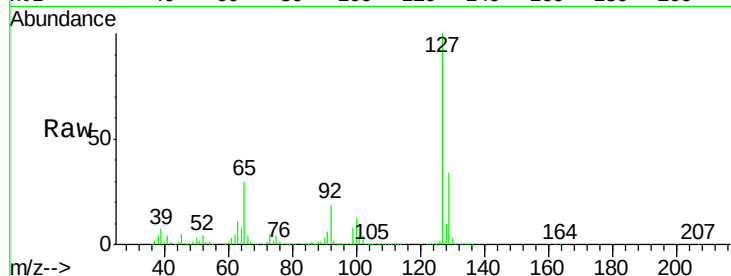




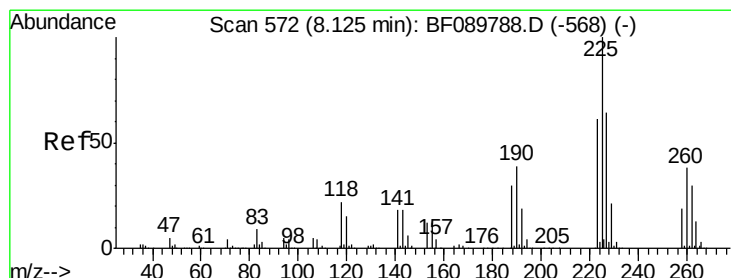
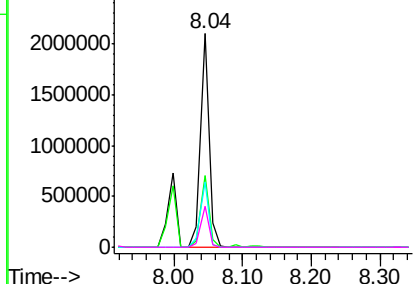
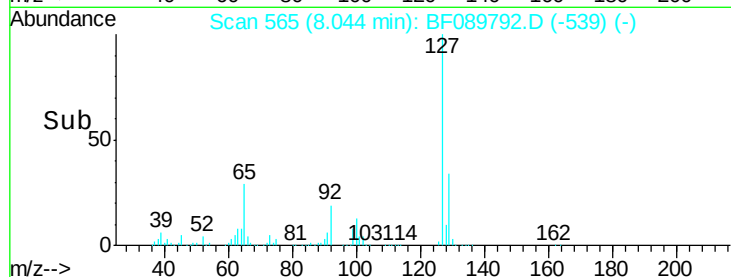
#33
4-Chloroaniline
Concen: 34.88 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Instrument :
BNA_F
ClientSampleId :
ICVBF081916

Tot Ion:127	Resp: 1761975
Ion Ratio	Lower Upper
127 100	
129 33.9	27.0 40.6
65 30.4	14.7 22.1#
92 19.4	11.7 17.5#

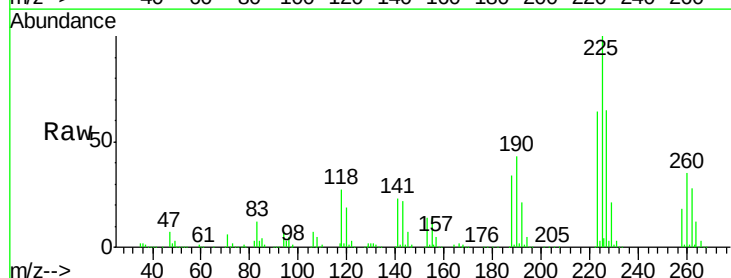


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

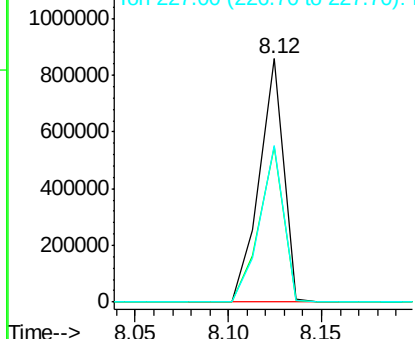
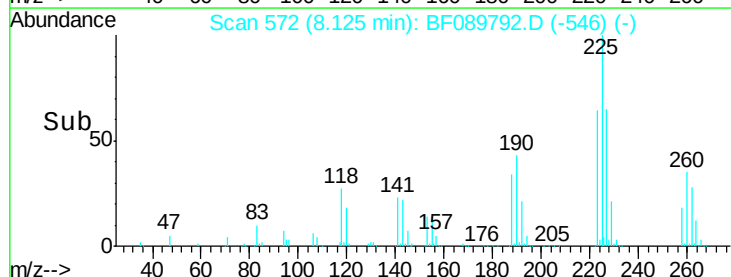


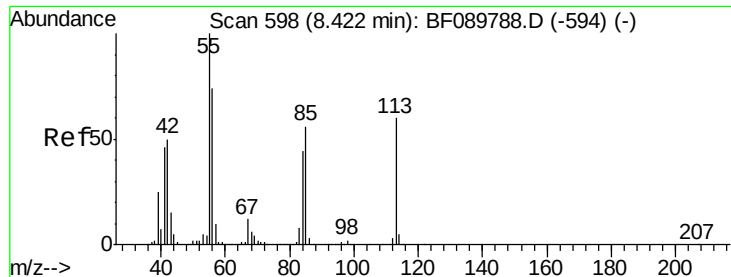
#34
Hexachlorobutadiene
Concen: 39.17 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Tgt	Ion:225	Resp:	770808
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.0	76.6
227	64.6	49.8	74.6



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: 40.73 ng

RT: 8.43 min Scan# 599

Delta R.T. 0.01 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

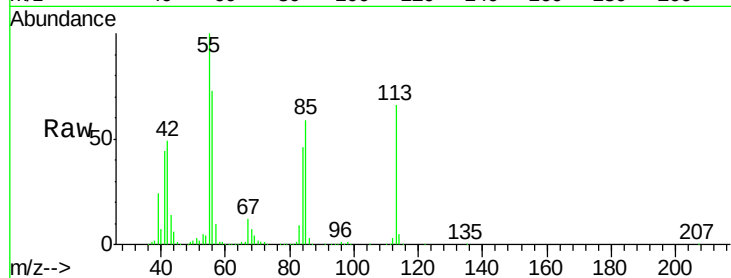
Tot Ion:113 Resp: 421460

Ion Ratio Lower Upper

113 100

55 151.0 135.9 175.9

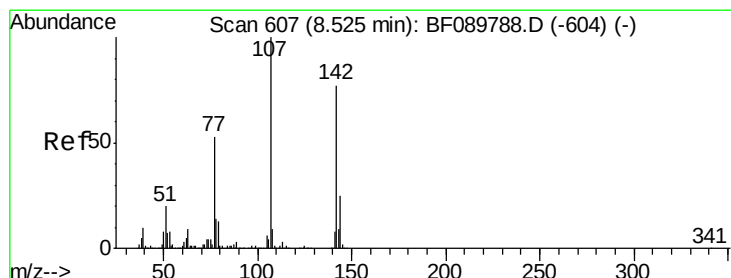
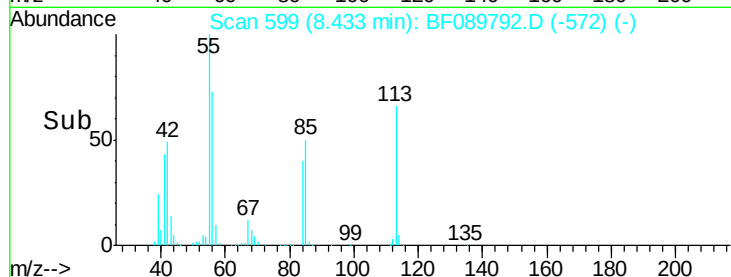
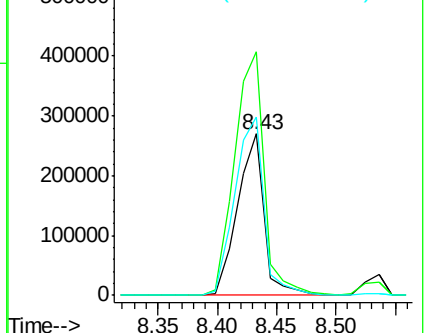
56 110.9 93.9 133.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.51 ng

RT: 8.54 min Scan# 608

Delta R.T. 0.01 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

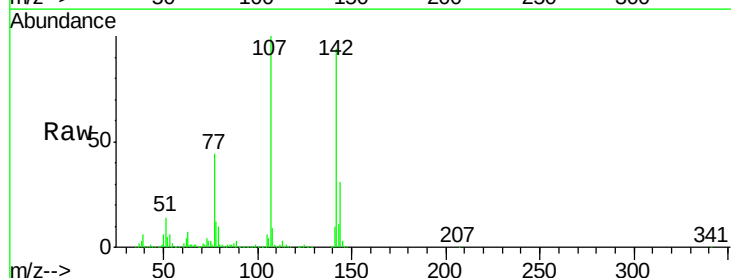
Tgt Ion:107 Resp: 1453925

Ion Ratio Lower Upper

107 100

144 31.4 22.6 34.0

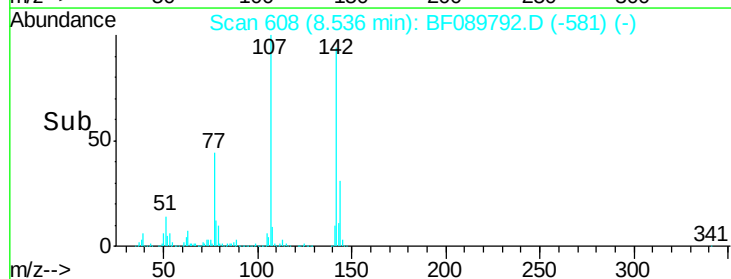
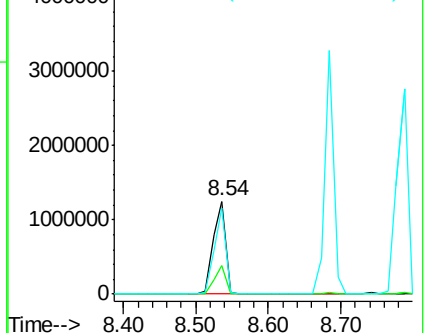
142 93.6 69.3 103.9

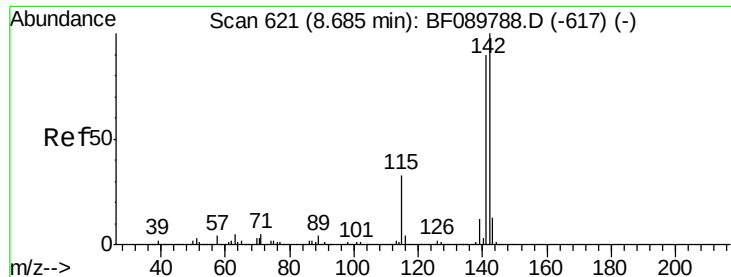


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

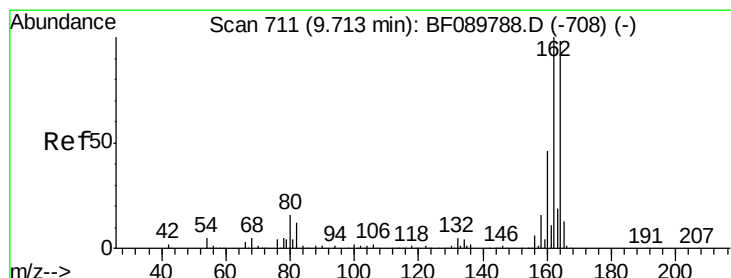
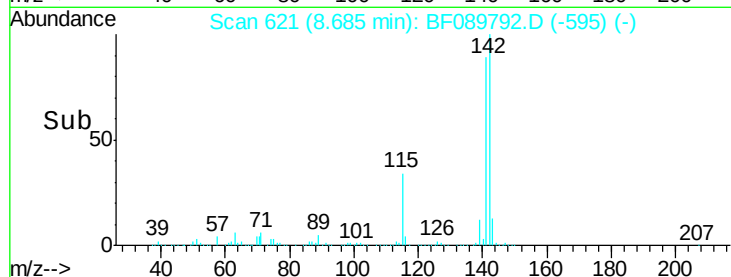
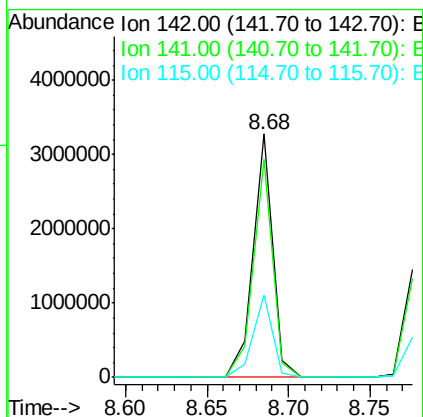
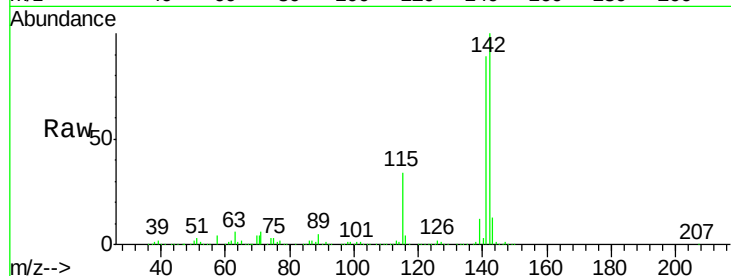




#37
 2-Methylnaphthalene
 Concen: 36.28 ng
 RT: 8.68 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

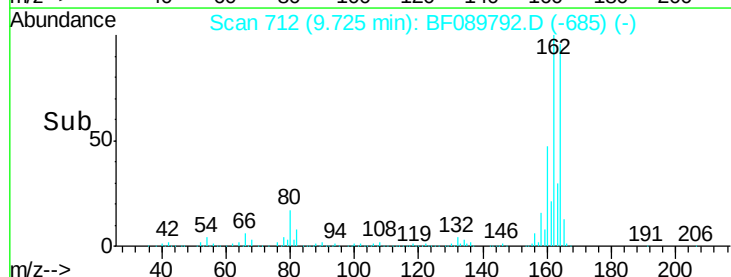
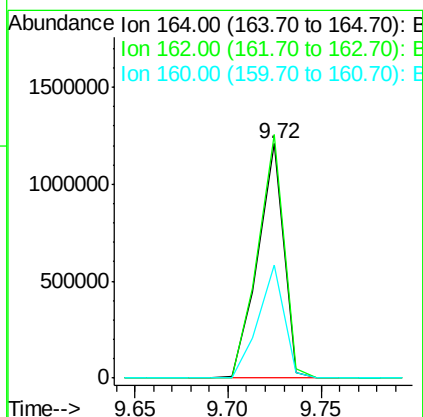
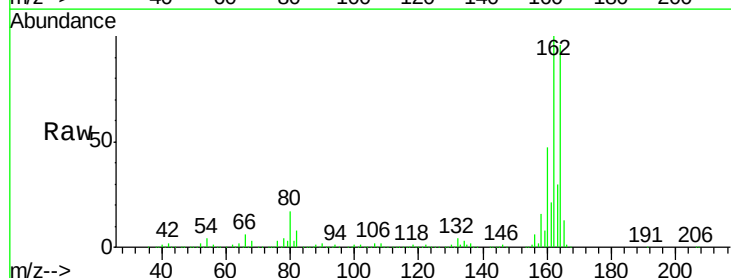
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081916

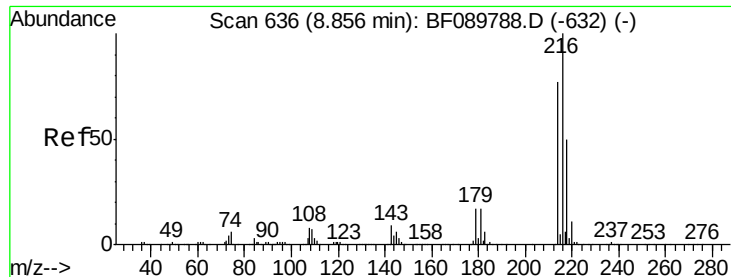
Tot Ion:142 Resp: 2735156
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.4 107.2
 115 34.0 22.7 34.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.01 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Tgt Ion:164 Resp: 1157647
 Ion Ratio Lower Upper
 164 100
 162 104.0 81.4 122.2
 160 48.5 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.02 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

Tot Ion:216 Resp: 1537750

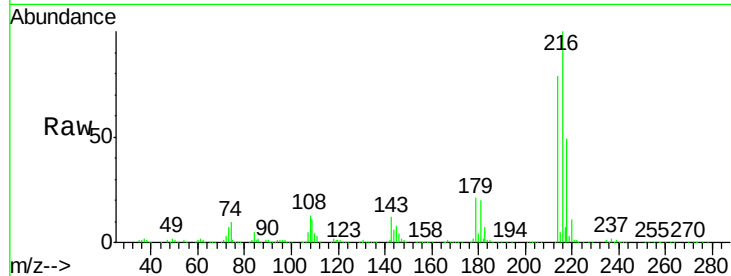
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.5	95.3
179	22.3	19.9	29.9
108	18.6	19.9	29.9

216 100

214 79.8 63.5 95.3

179 22.3 19.9 29.9

108 18.6 19.9 29.9

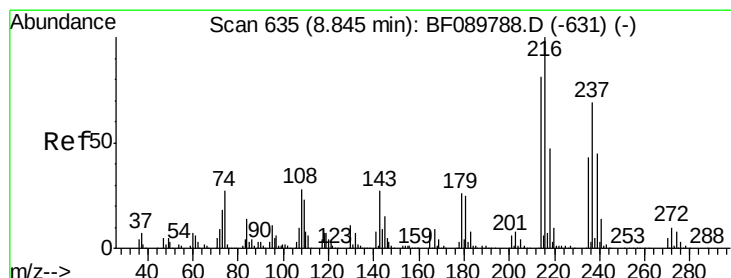
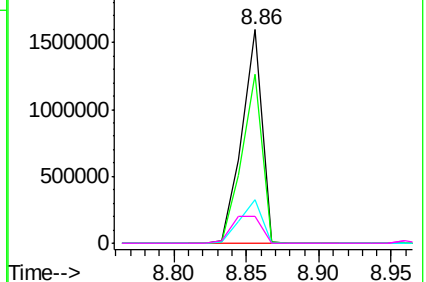
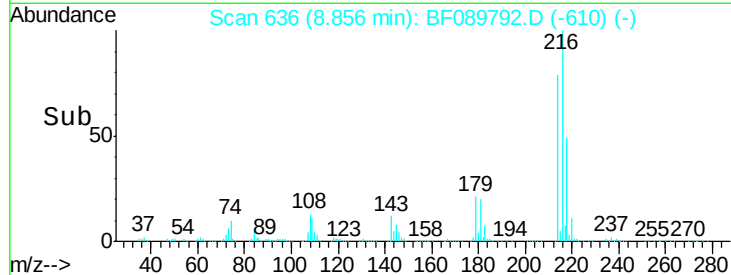


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.50 ng

RT: 8.84 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

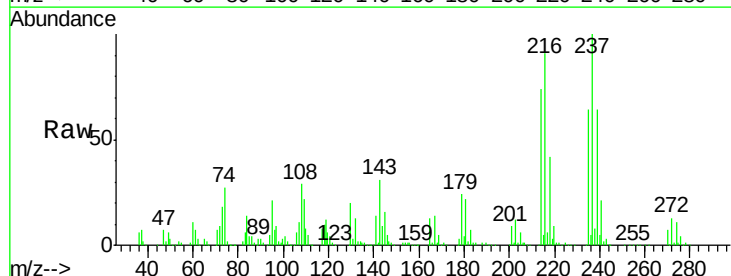
Tgt Ion:237 Resp: 540088

Ion	Ratio	Lower	Upper
237	100		
235	63.6	43.7	83.7
272	13.0	0.0	31.6

237 100

235 63.6 43.7 83.7

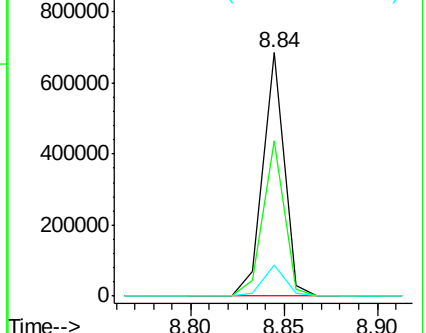
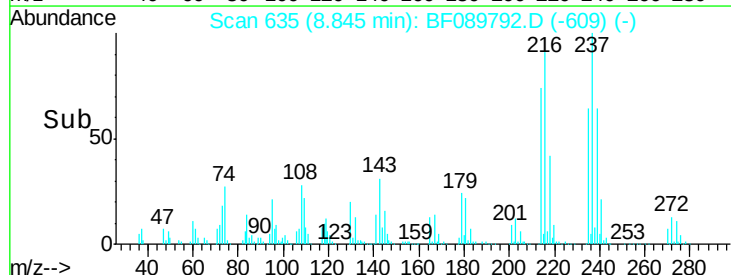
272 13.0 0.0 31.6

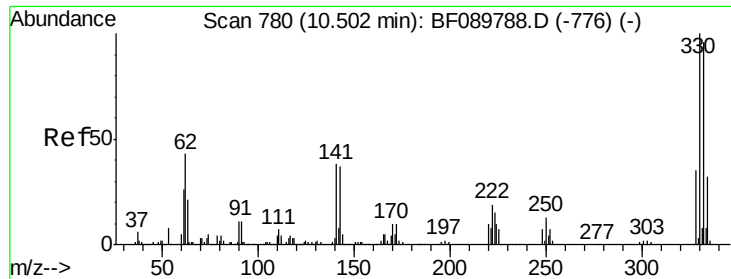


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

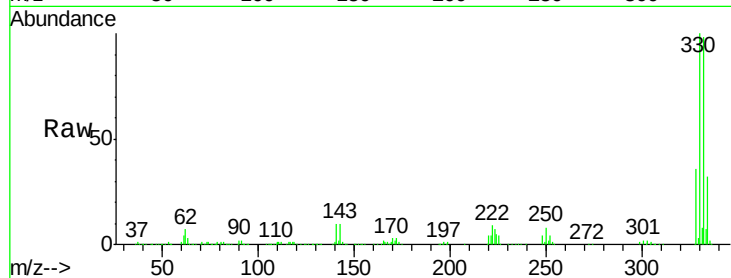




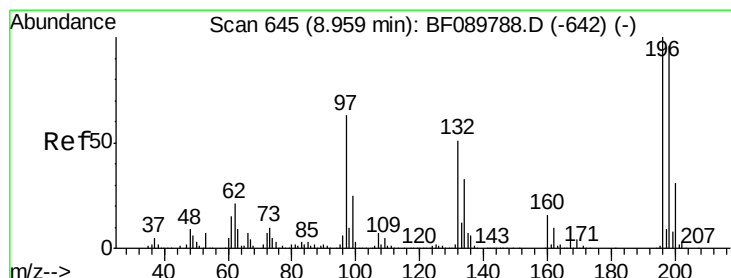
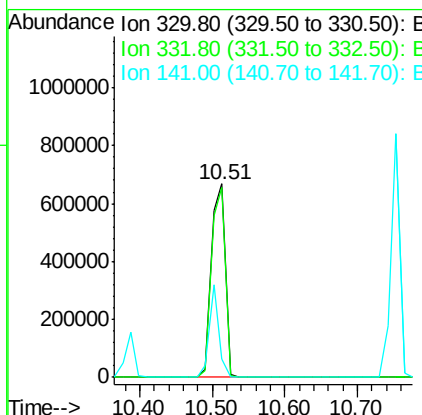
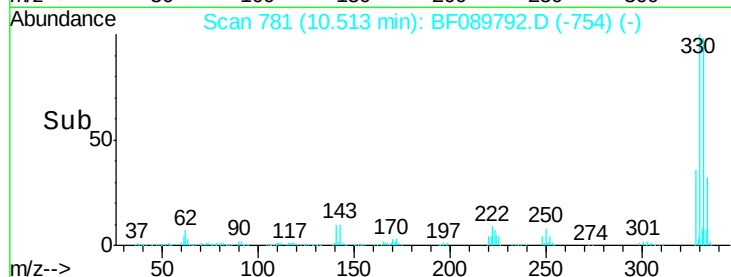
#41
 2,4,6-Tribromophenol
 Concen: 80.45 ng
 RT: 10.51 min Scan# 781
 Delta R.T. 0.01 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081916

Tot Ion:330 Resp: 885127
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.7 115.1
 141 33.1 30.2 45.2

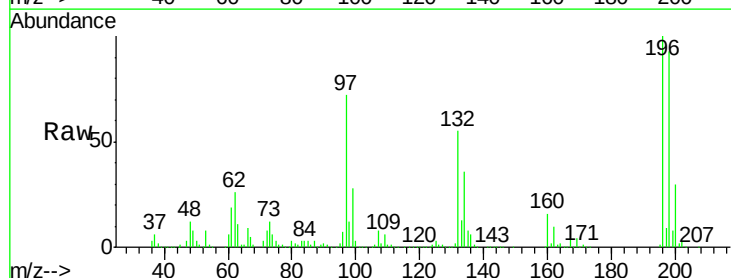


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

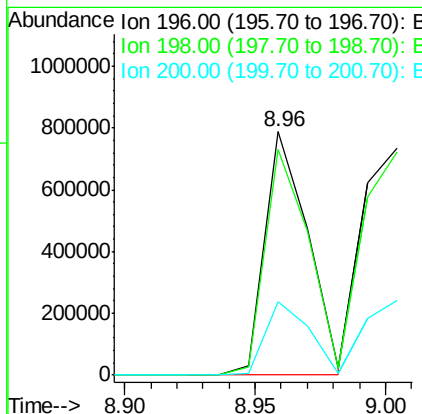
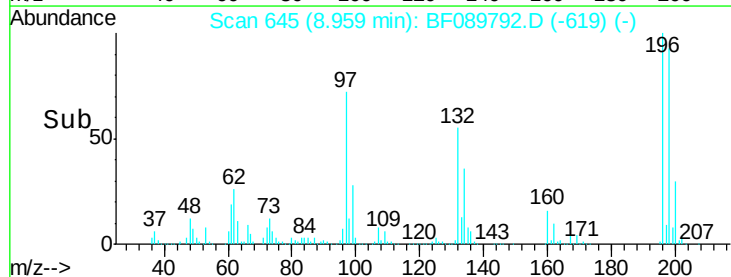


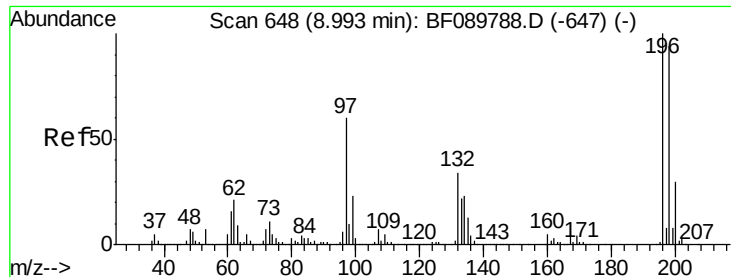
#42
 2,4,6-Trichlorophenol
 Concen: 38.16 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Tgt Ion:196 Resp: 899929
 Ion Ratio Lower Upper
 196 100
 198 92.9 76.3 114.5
 200 30.1 24.6 36.8



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

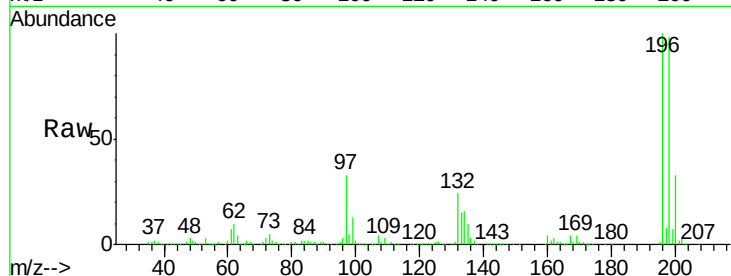




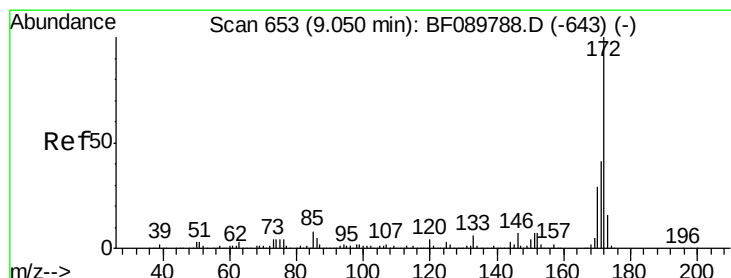
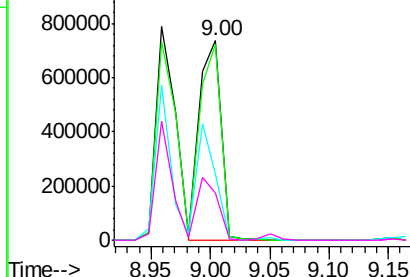
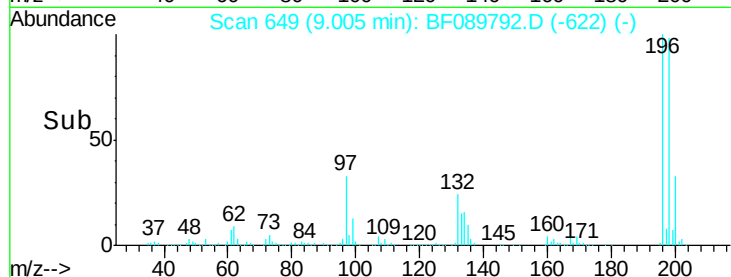
#43
 2,4,5-Trichlorophenol
 Concen: 40.53 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.01 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081916

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	98.1	76.6	114.8	
97	33.3	35.8	53.8	
132	23.6	23.5	35.3	

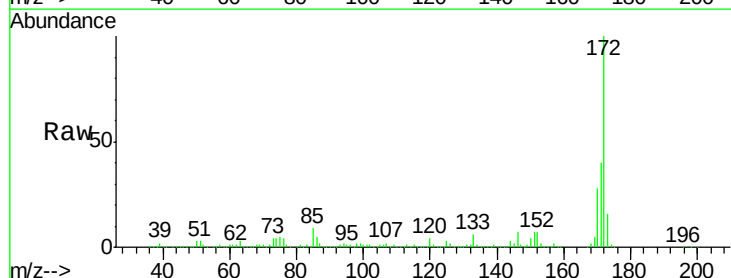


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

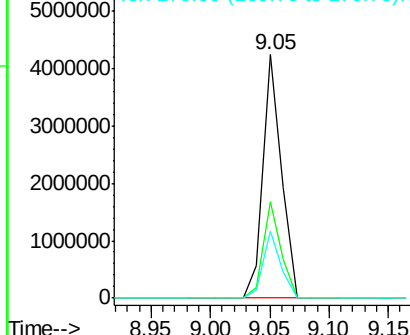
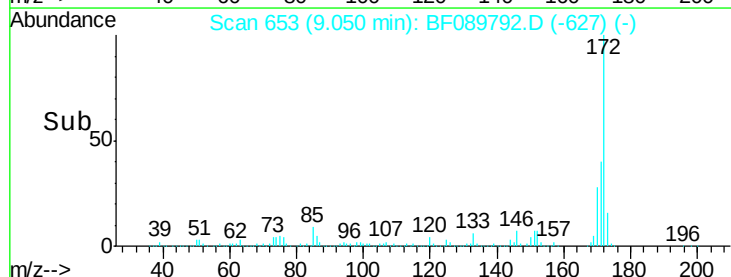


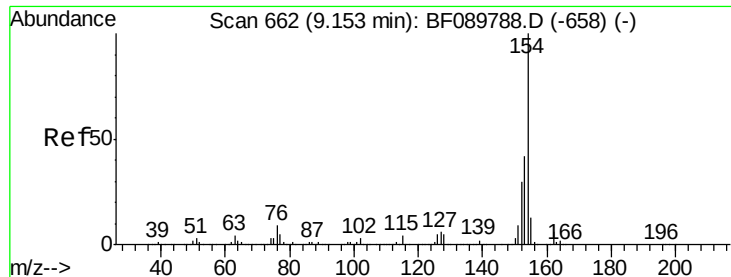
#44
 2-Fluorobiphenyl
 Concen: 70.31 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	39.8	30.5	45.7	
170	27.6	20.6	31.0	



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





#45

1,1'-Biphenyl

Concen: 39.90 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

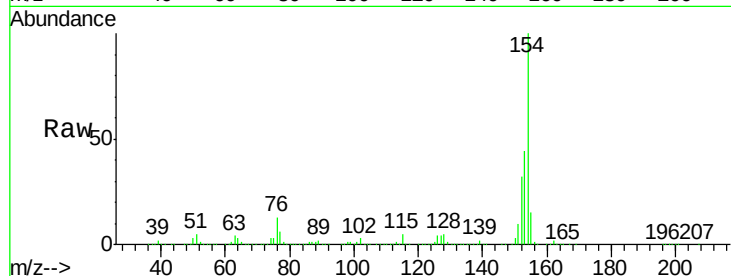
BNA_F

ClientSampleId :

ICVBF081916

Tot Ion:154 Resp: 3574861

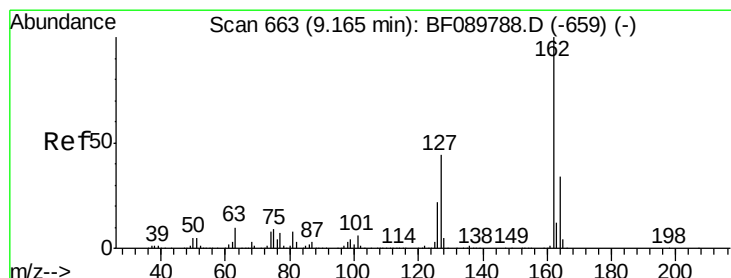
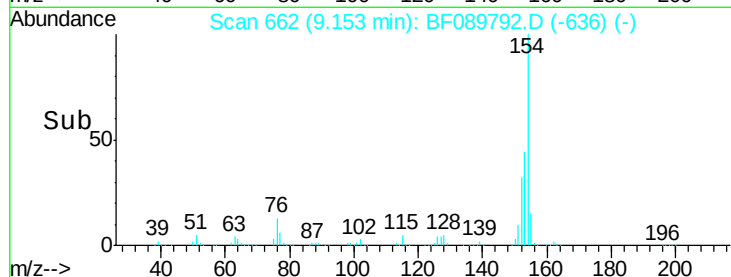
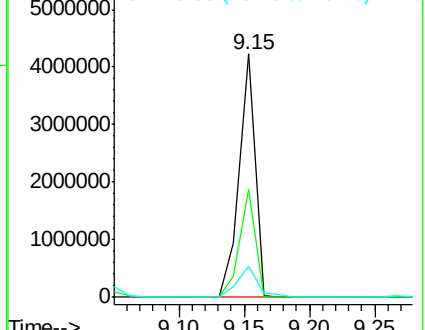
Ion	Ratio	Lower	Upper
154	100		
153	44.4	21.5	61.5
76	12.6	0.0	36.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.44 ng

RT: 9.18 min Scan# 664

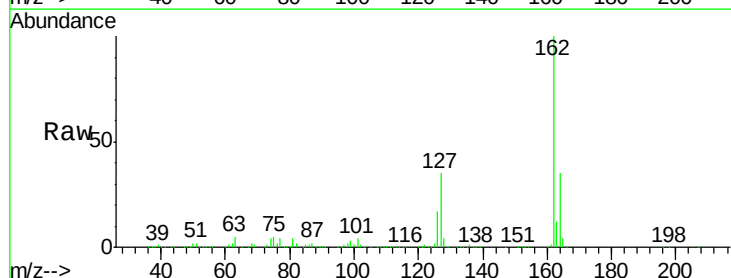
Delta R.T. 0.01 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Tgt Ion:162 Resp: 2863602

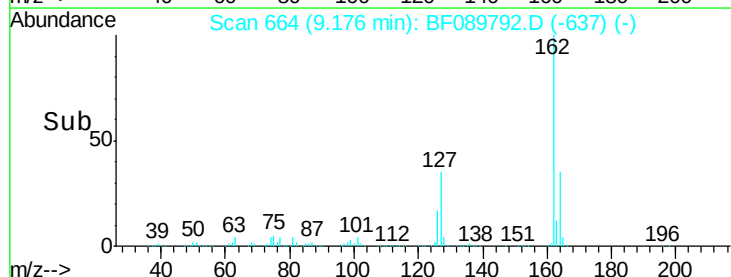
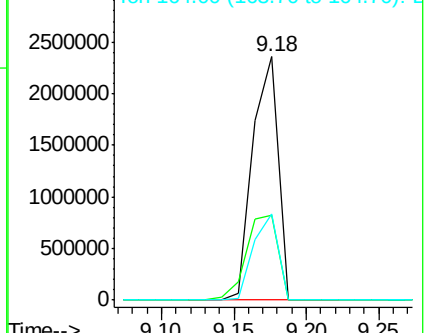
Ion	Ratio	Lower	Upper
162	100		
127	35.0	35.5	53.3#
164	35.2	26.6	40.0

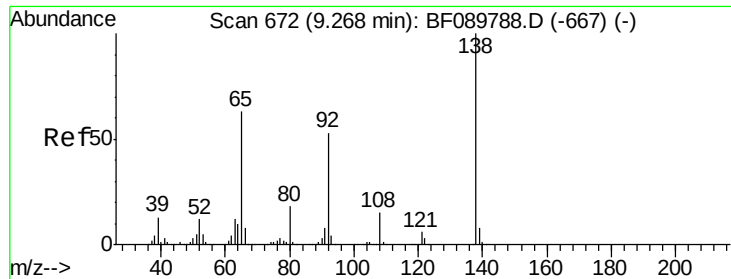


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

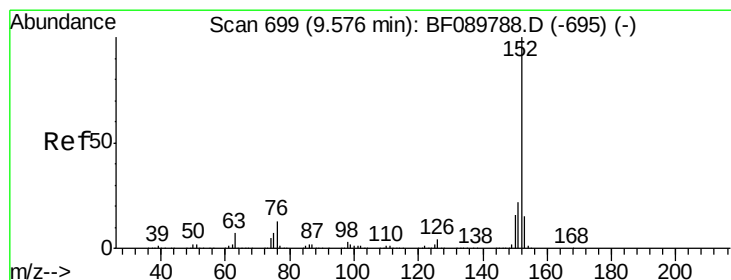
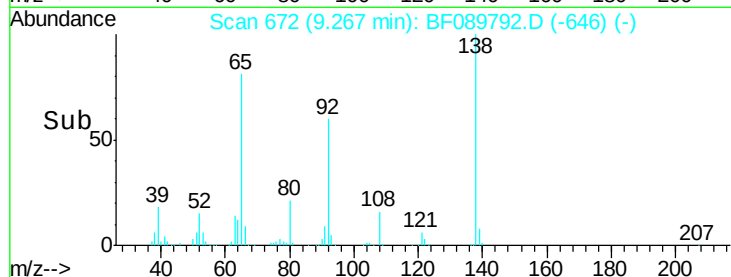
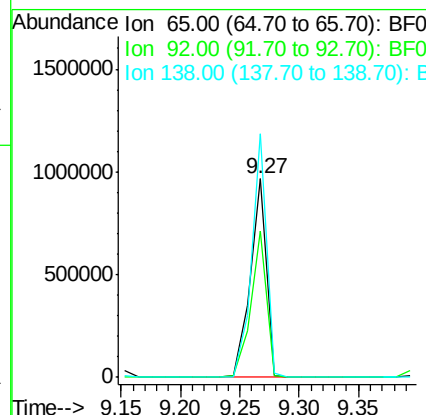
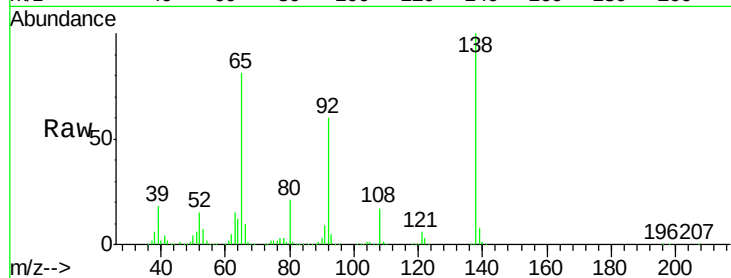




#47
 2-Nitroaniline
 Concen: 45.35 ng
 RT: 9.27 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

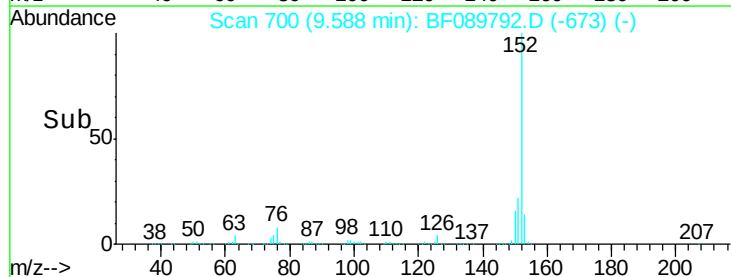
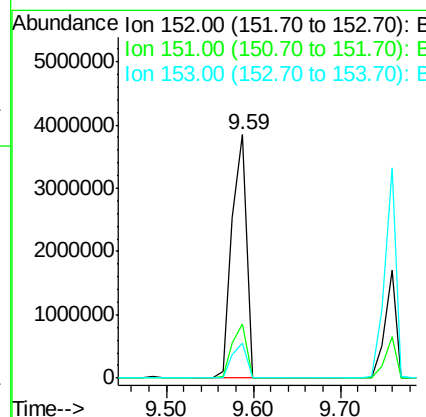
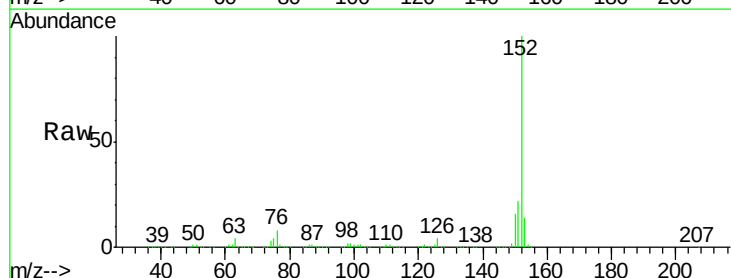
Instrument :
 BNA_F
 ClientSampleId :
 ICBF081916

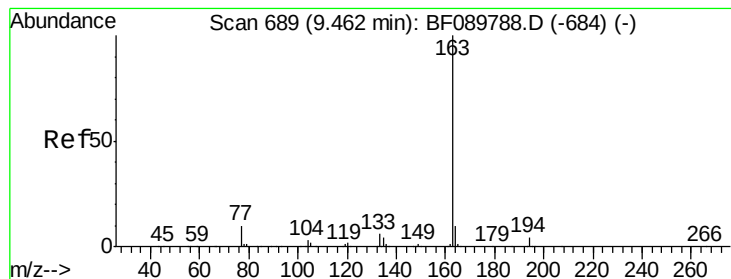
Tot Ion	65	Resp	915907
Ion Ratio	Lower	Upper	
65	100		
92	73.9	56.3	84.5
138	122.8	81.8	122.8#



#48
 Acenaphthylene
 Concen: 41.99 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.01 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Tgt Ion	152	Resp	4468106
Ion Ratio	Lower	Upper	
152	100		
151	22.3	17.1	25.7
153	14.3	11.2	16.8





#49

Dimethylphthalate

Concen: 40.09 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

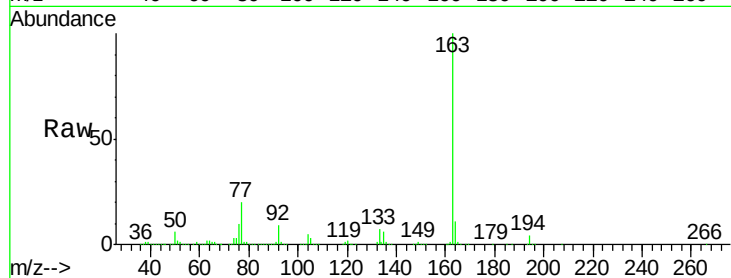
Tot Ion:163 Resp: 3267556

Ion Ratio Lower Upper

163 100

194 3.7 2.6 3.8

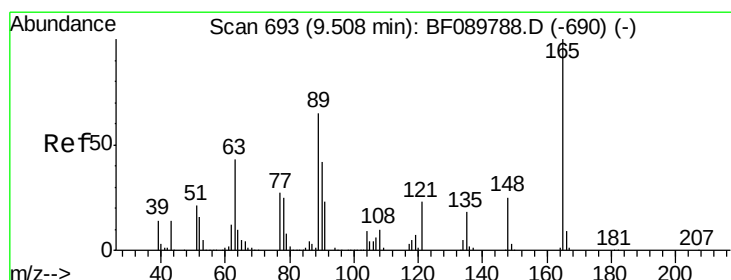
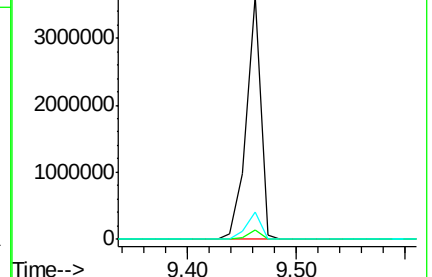
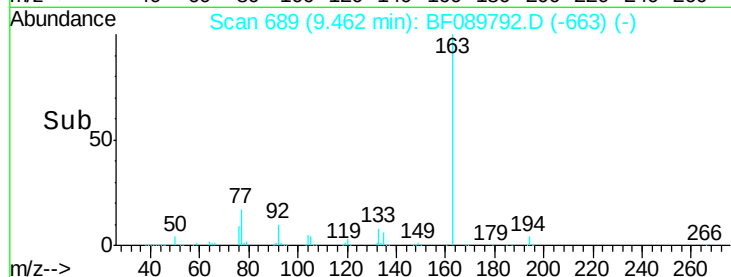
164 11.3 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.34 ng

RT: 9.52 min Scan# 694

Delta R.T. 0.01 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

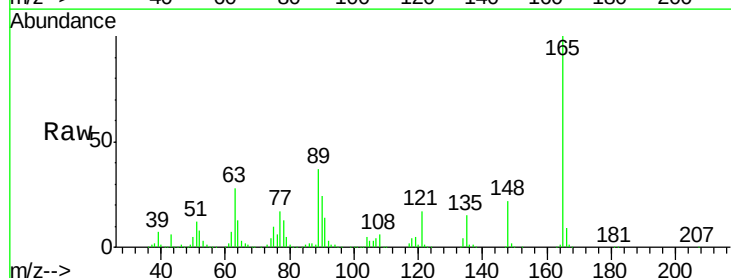
Tgt Ion:165 Resp: 778054

Ion Ratio Lower Upper

165 100

63 27.8 41.7 62.5#

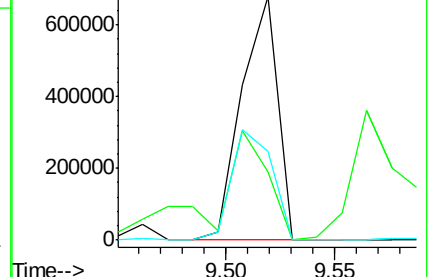
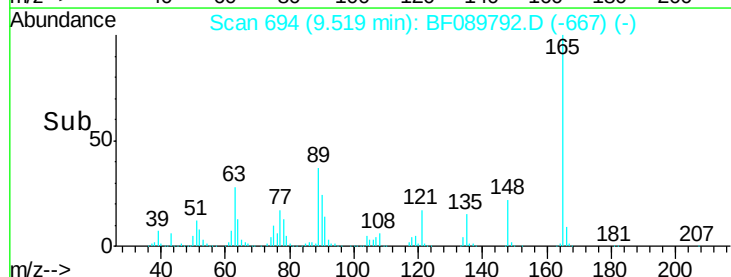
89 36.5 44.6 67.0#

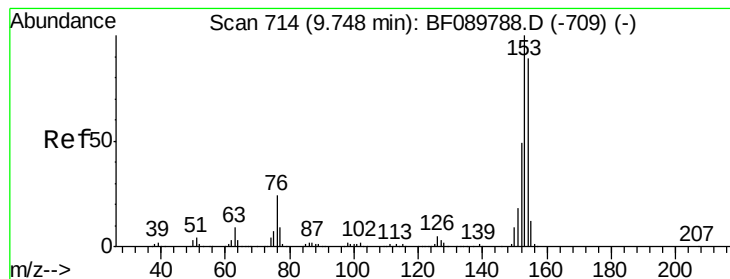


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.99 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

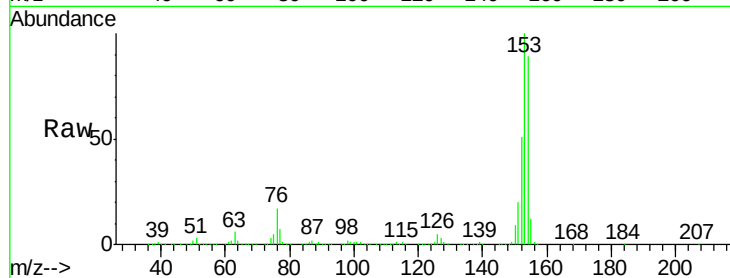
Tot Ion:154 Resp: 2957460

Ion Ratio Lower Upper

154 100

153 111.7 90.5 135.7

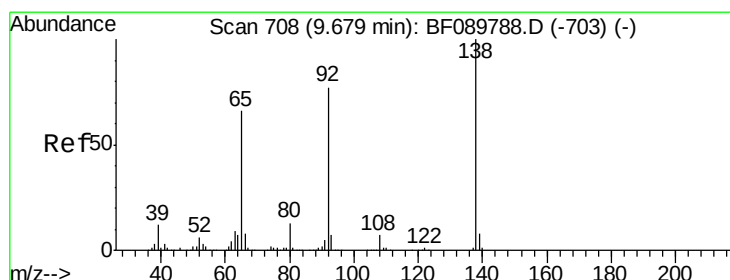
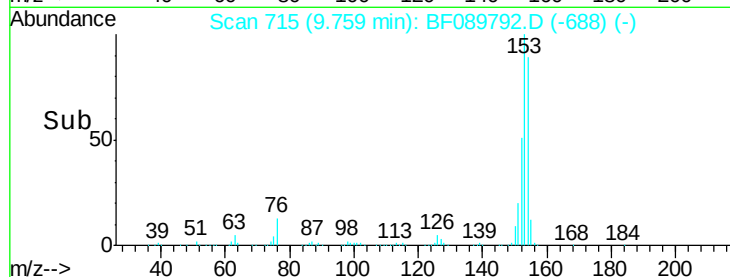
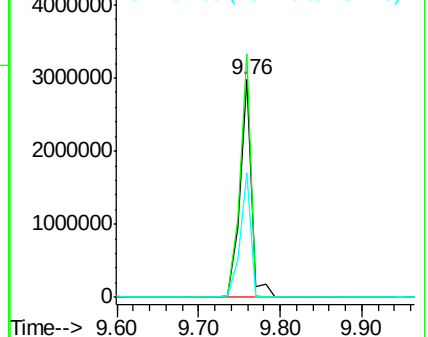
152 57.1 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.39 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

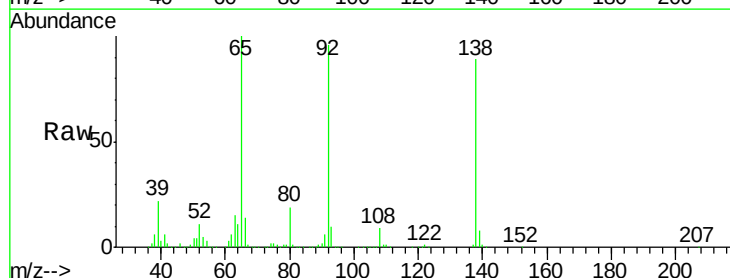
Tgt Ion:138 Resp: 904607

Ion Ratio Lower Upper

138 100

108 9.6 8.1 12.1

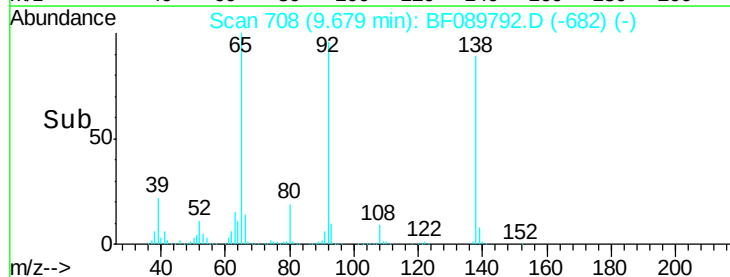
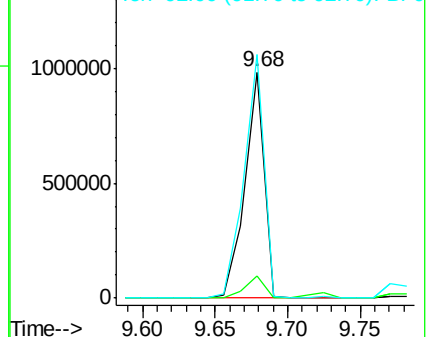
92 107.8 92.7 139.1

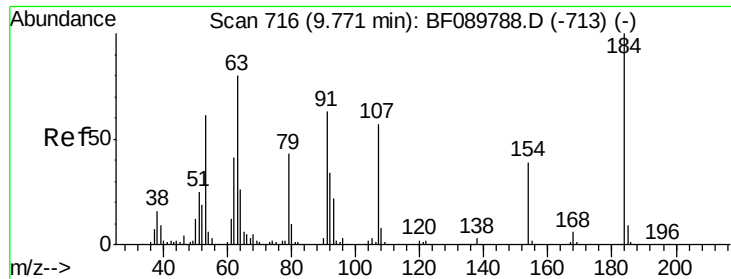


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

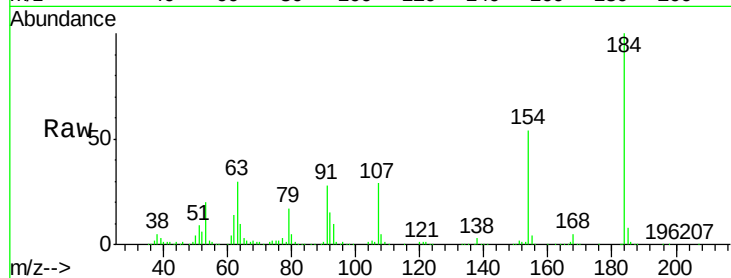




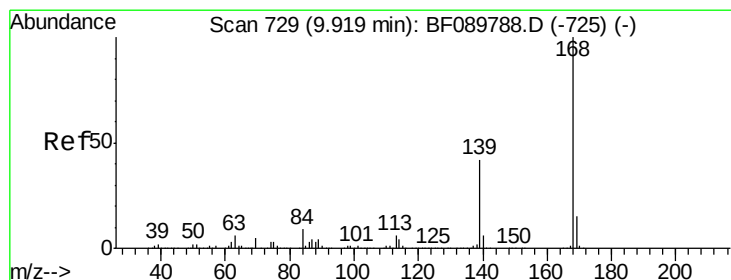
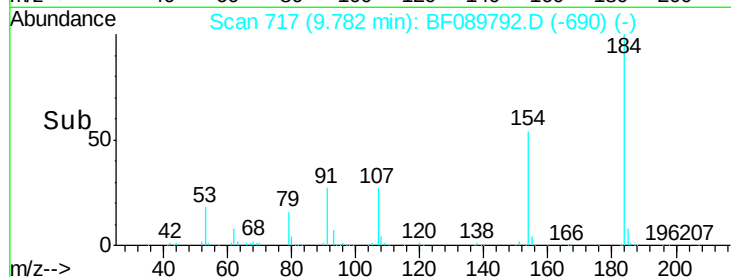
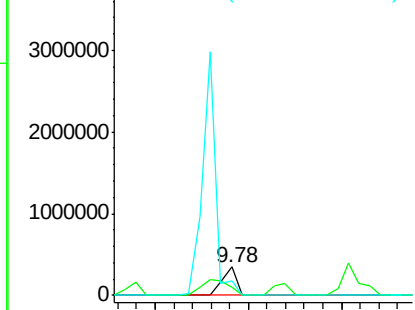
#53
2,4-Dinitrophenol
Concen: 41.88 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.01 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Instrument :
BNA_F
ClientSampleId :
ICVBF081916

Tot Ion:184 Resp: 363047
Ion Ratio Lower Upper
184 100
63 29.6 54.2 81.4#
154 53.8 52.7 79.1

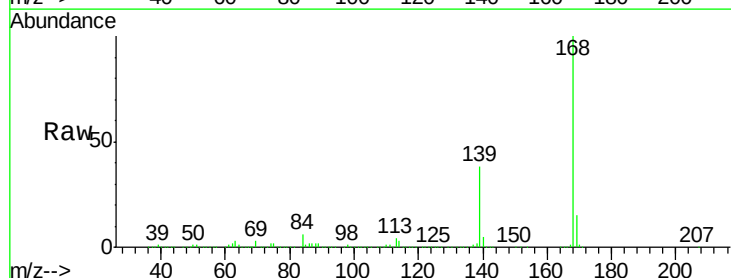


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

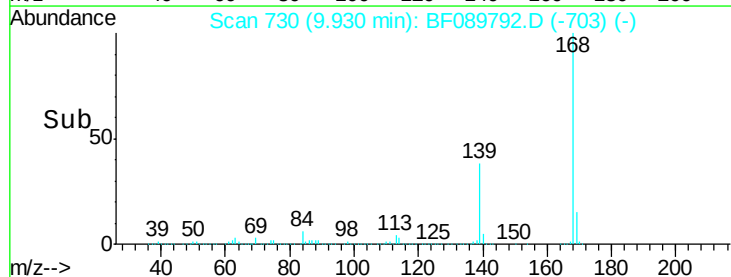
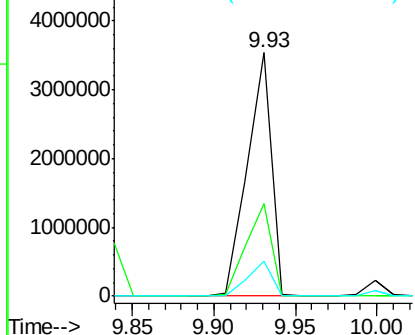


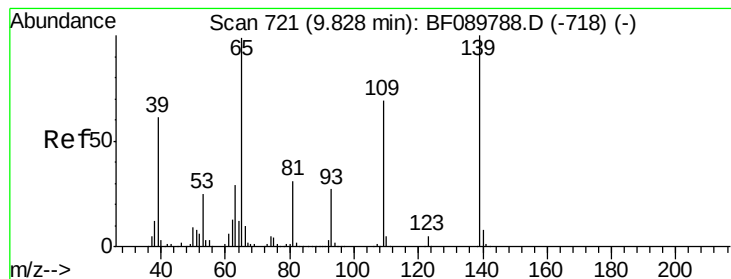
#54
Dibenzofuran
Concen: 40.86 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Tgt Ion:168 Resp: 3614194
Ion Ratio Lower Upper
168 100
139 37.9 34.6 52.0
169 14.6 11.5 17.3



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





#55

4-Nitrophenol

Concen: 46.12 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

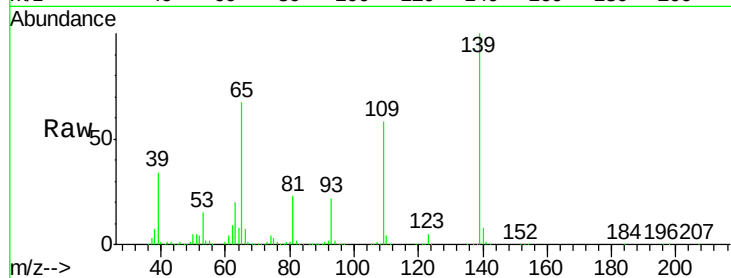
Tot Ion:139 Resp: 784831

Ion Ratio Lower Upper

139 100

109 58.1 43.0 83.0

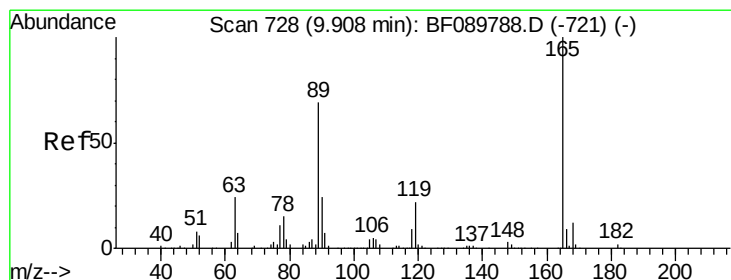
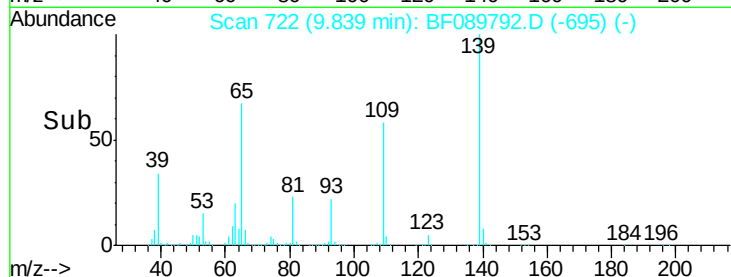
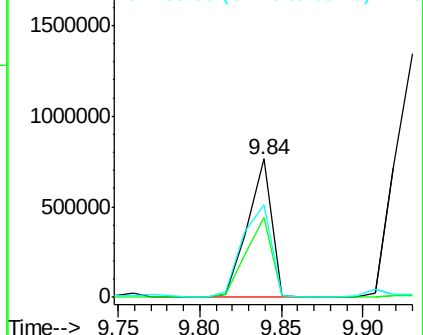
65 67.1 55.7 95.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 34.35 ng

RT: 9.91 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Tgt Ion:165 Resp: 838824

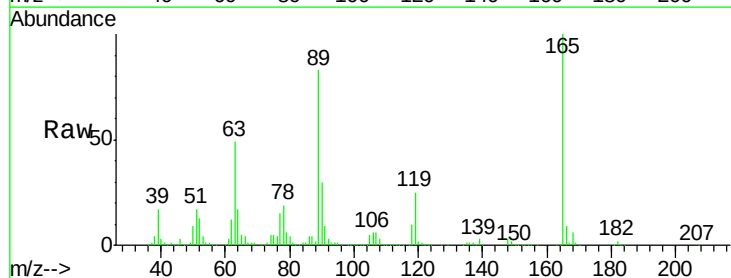
Ion Ratio Lower Upper

165 100

63 48.7 23.7 35.5#

89 83.3 44.0 66.0#

182 1.9 2.0 3.0#

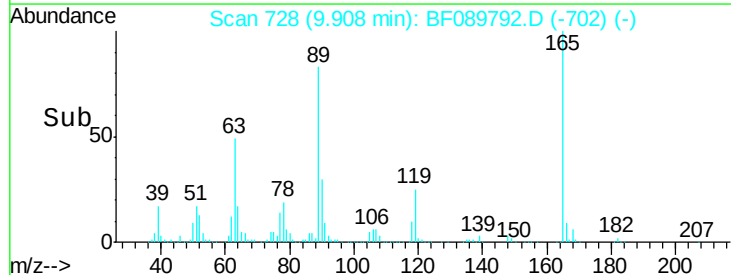
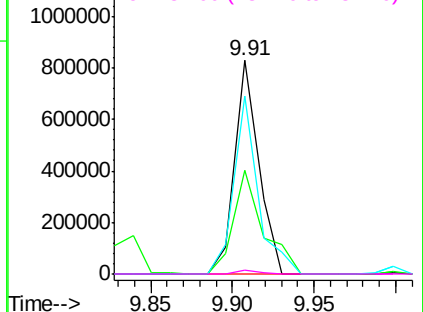


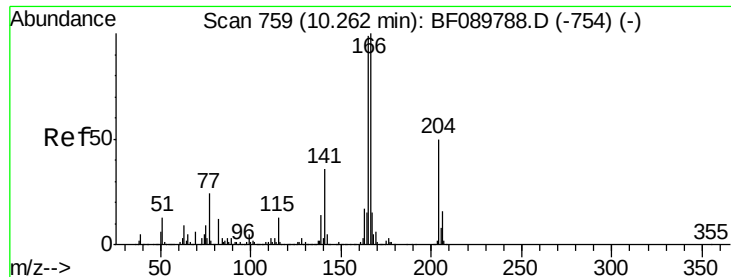
Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.15 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

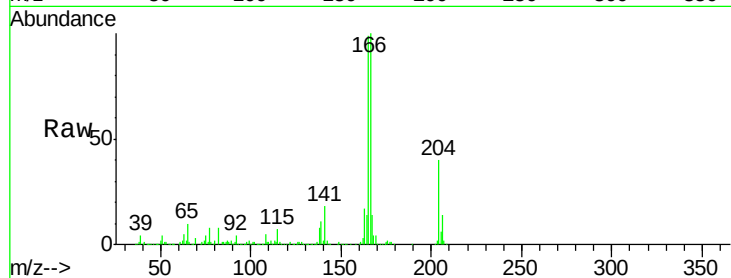
Tot Ion:166 Resp: 2900600

Ion Ratio Lower Upper

166 100

165 98.7 80.2 120.4

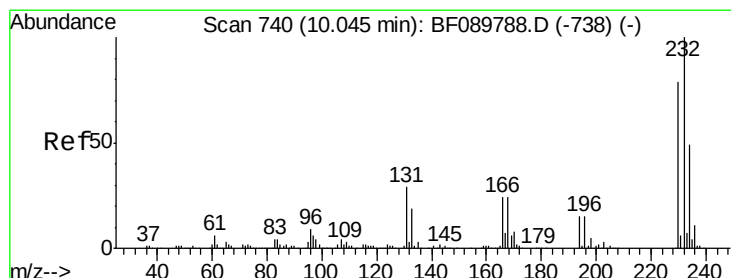
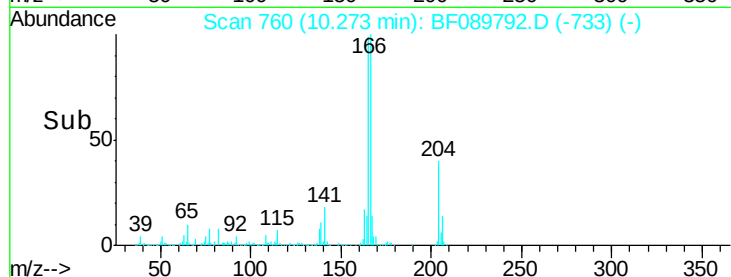
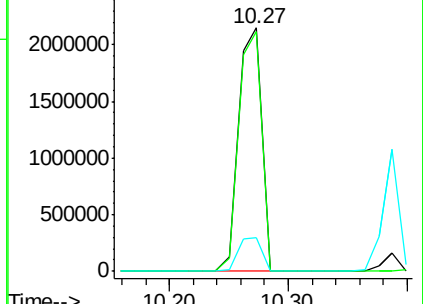
167 13.7 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.21 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Tgt Ion:232 Resp: 703481

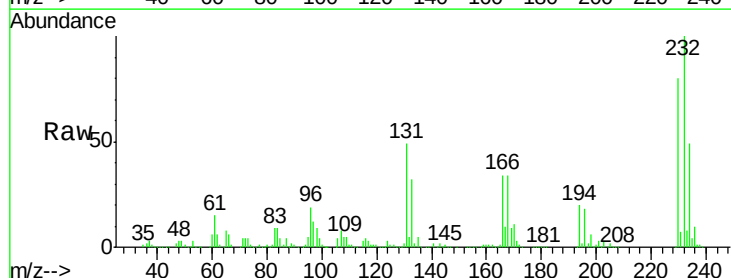
Ion Ratio Lower Upper

232 100

131 52.8 42.5 63.7

130 2.5 2.2 3.4

166 35.4 27.3 40.9

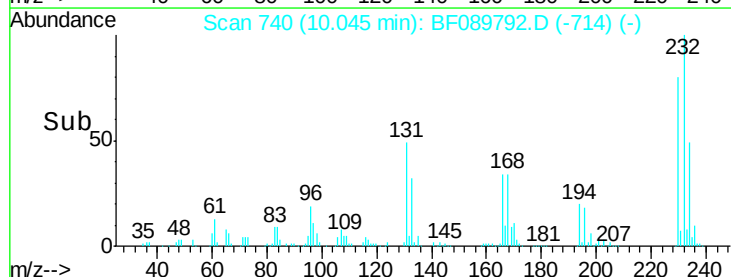
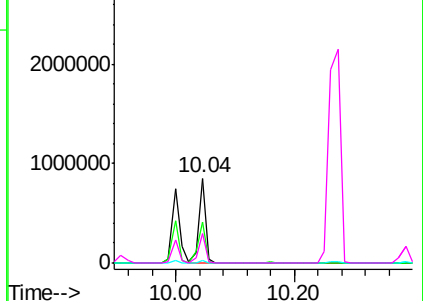


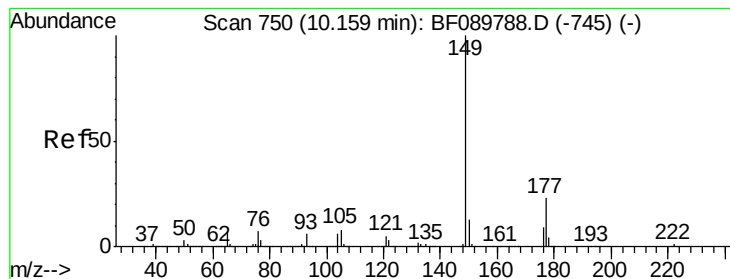
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.37 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

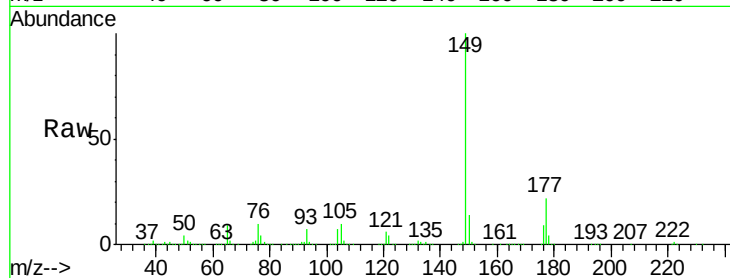
Tot Ion:149 Resp: 3176916

Ion Ratio Lower Upper

149 100

177 22.3 16.6 25.0

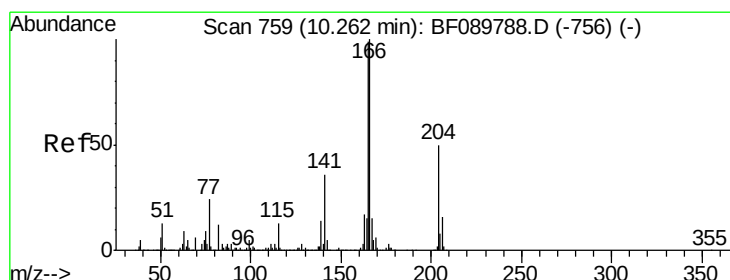
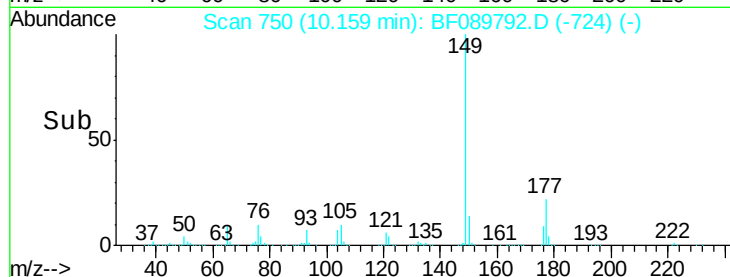
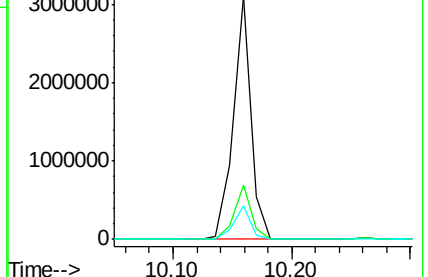
150 13.6 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.81 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

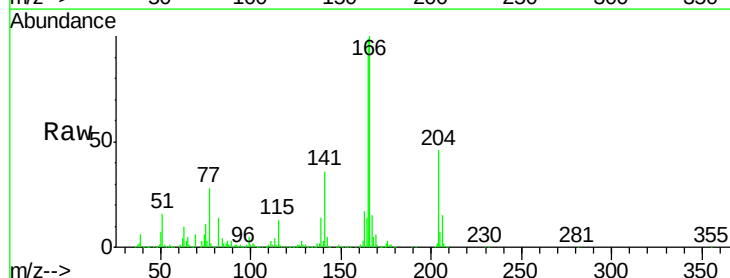
Tgt Ion:204 Resp: 1215698

Ion Ratio Lower Upper

204 100

206 32.7 26.5 39.7

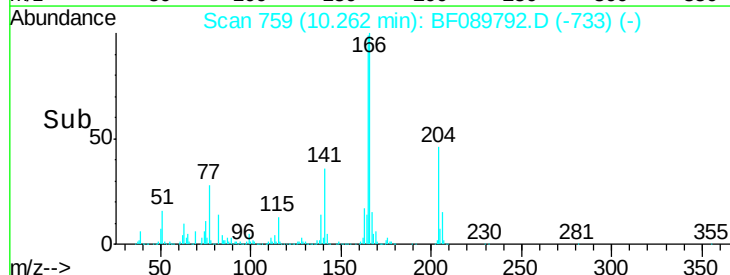
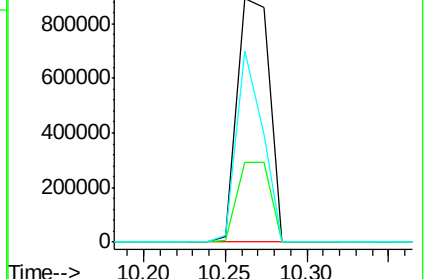
141 78.5 54.1 81.1

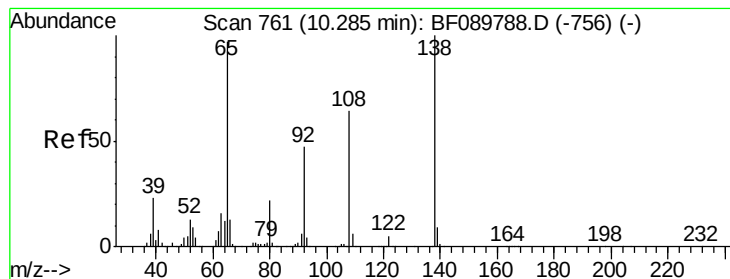


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

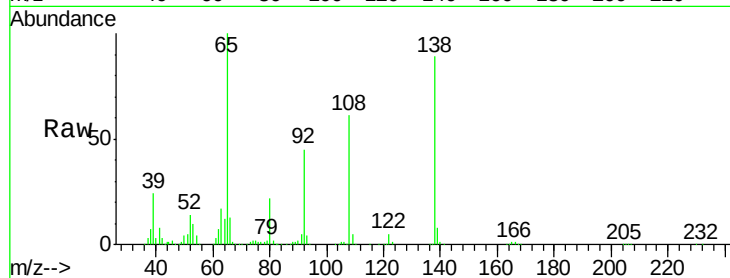




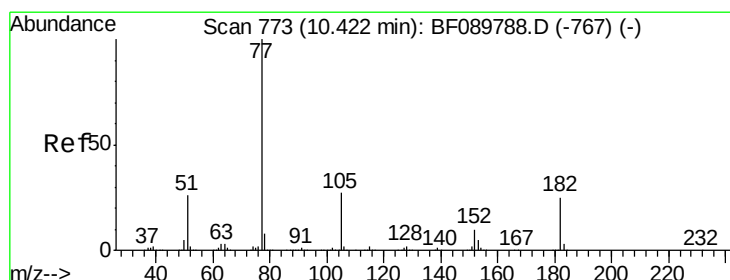
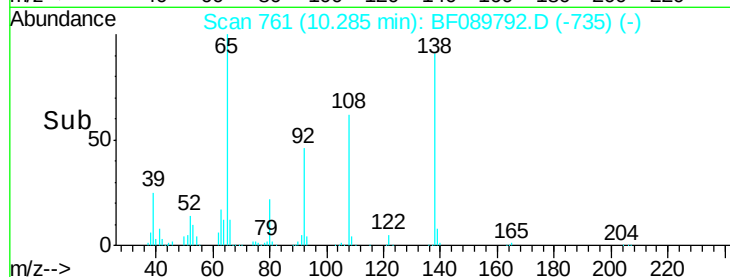
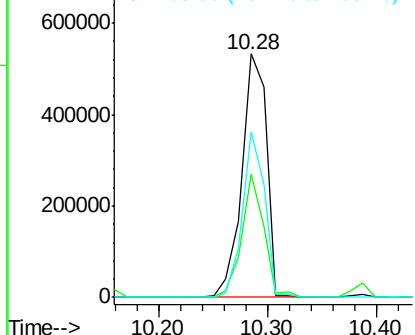
#61
4-Nitroaniline
Concen: 42.65 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Instrument :
BNA_F
ClientSampleId :
ICVBF081916

Tot Ion:138 Resp: 833640
Ion Ratio Lower Upper
138 100
92 50.7 26.4 66.4
108 68.2 47.0 87.0

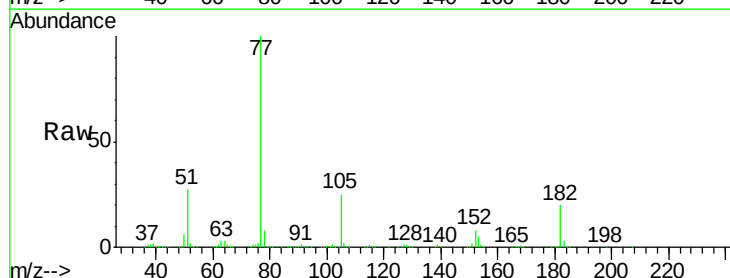


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

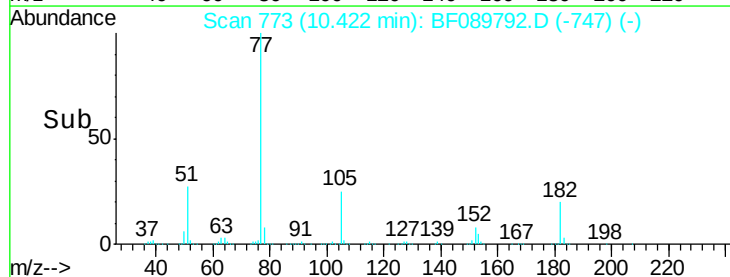
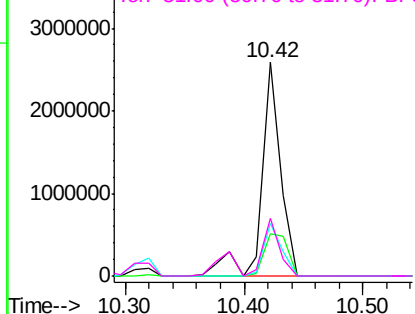


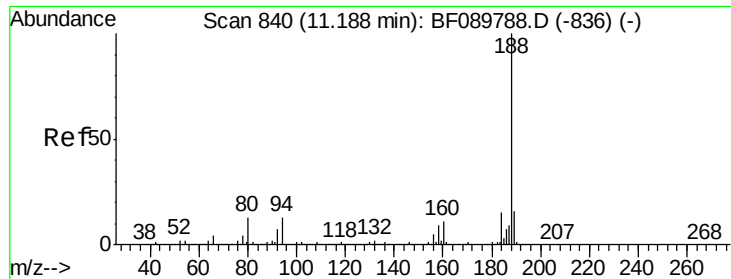
#62
Azobenzene
Concen: 37.52 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Tgt Ion: 77 Resp: 2920695
Ion Ratio Lower Upper
77 100
182 19.8 5.6 45.6
105 24.8 4.0 44.0
51 26.8 7.8 47.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

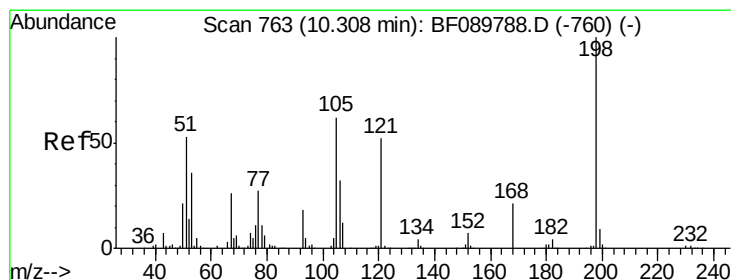
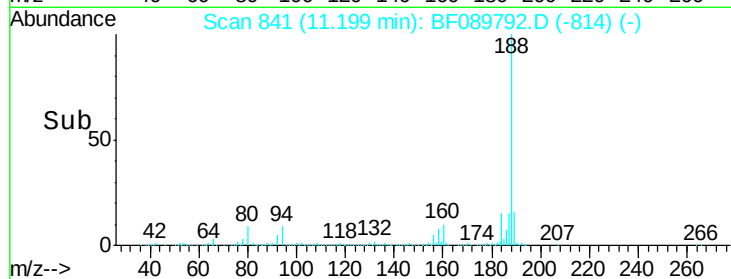
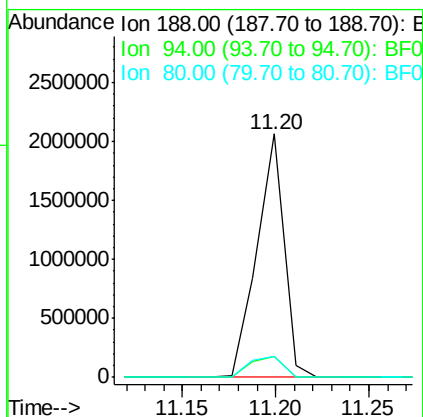
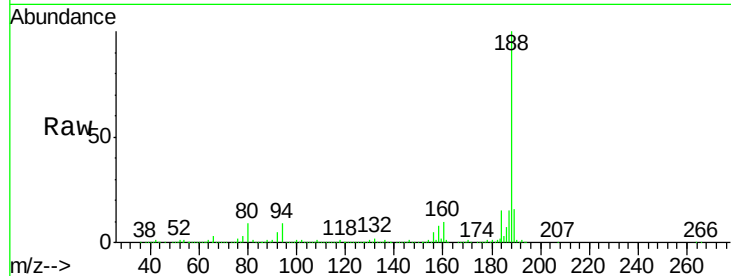




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

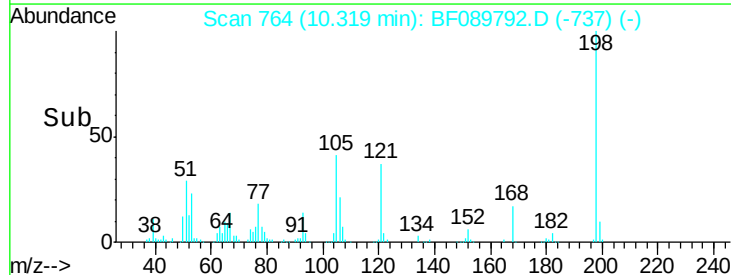
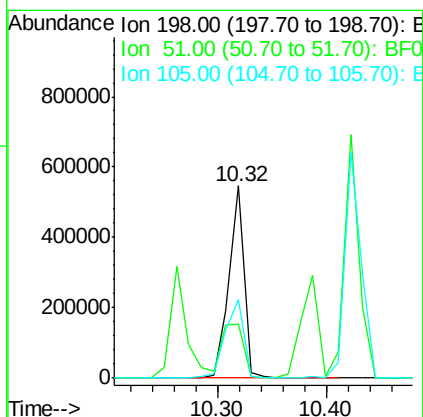
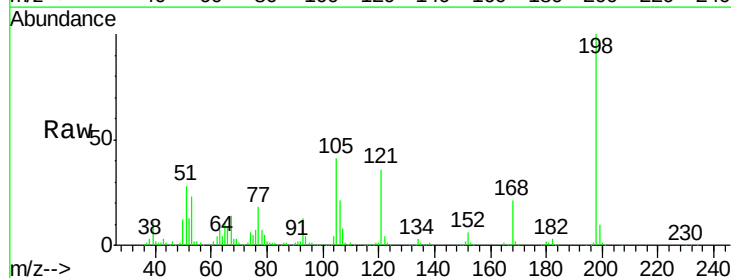
Instrument :
BNA_F
ClientSampleId :
ICVBF081916

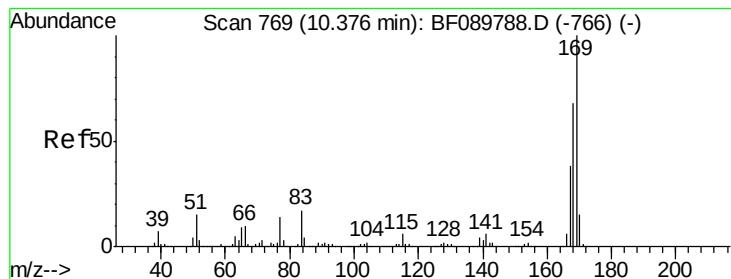
Tot Ion:188 Resp: 2076294
Ion Ratio Lower Upper
188 100
94 8.6 10.2 15.2#
80 8.7 10.9 16.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 44.05 ng
RT: 10.32 min Scan# 764
Delta R.T. 0.01 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Tgt Ion:198 Resp: 525614
Ion Ratio Lower Upper
198 100
51 28.4 32.3 72.3#
105 40.8 32.9 72.9





#65

n-Nitrosodiphenylamine

Concen: 39.04 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

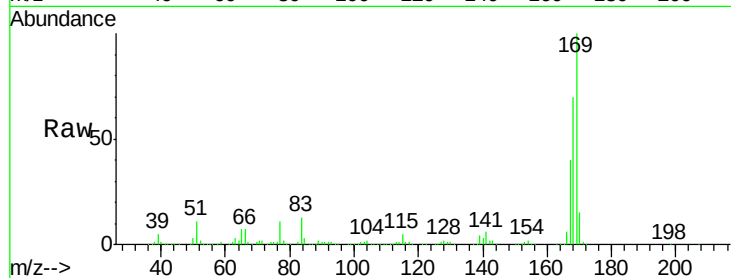
Tot Ion:169 Resp: 2548537

Ion Ratio Lower Upper

169 100

168 69.7 54.6 82.0

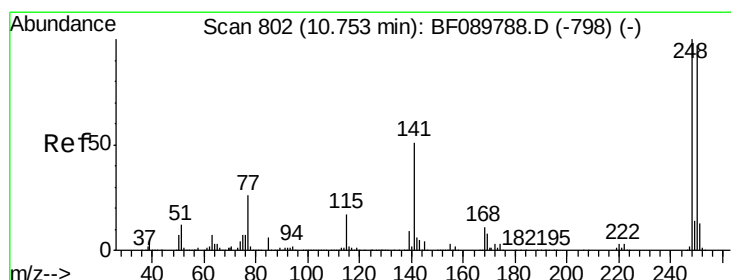
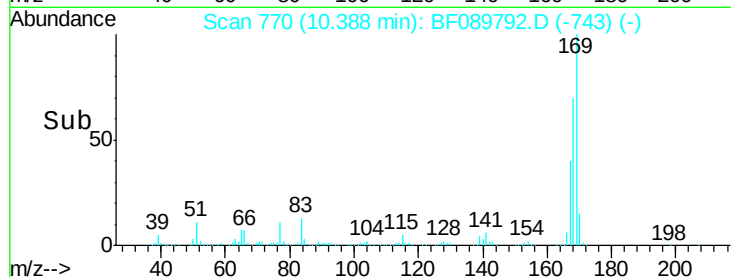
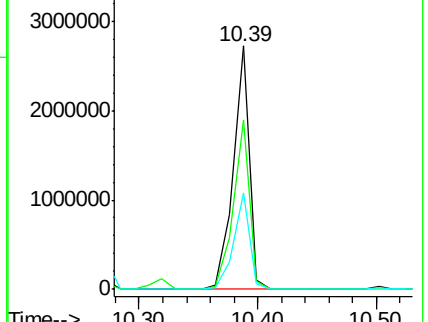
167 39.6 30.6 45.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.01 ng

RT: 10.75 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

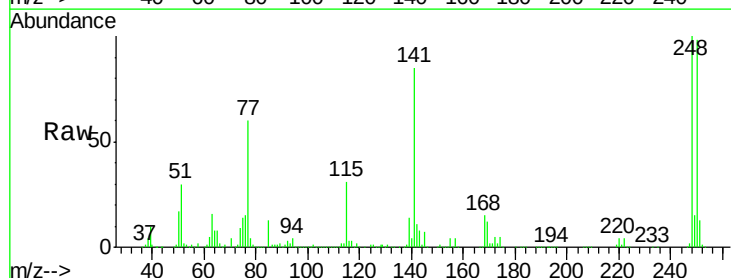
Tgt Ion:248 Resp: 805571

Ion Ratio Lower Upper

248 100

250 98.1 78.6 117.8

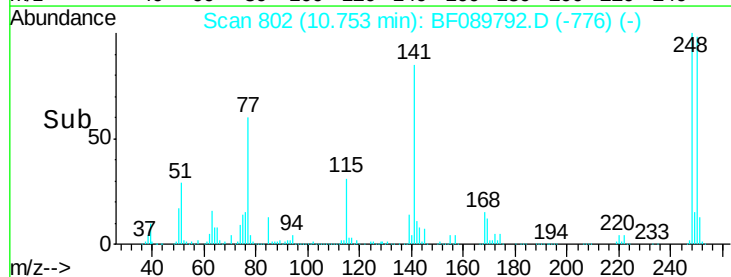
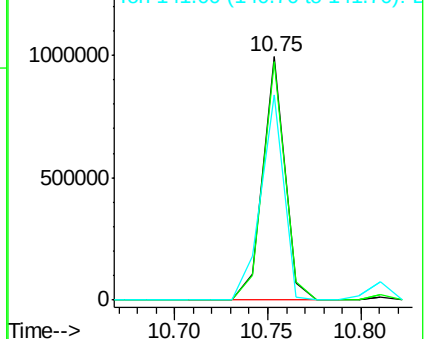
141 84.5 31.4 47.2#

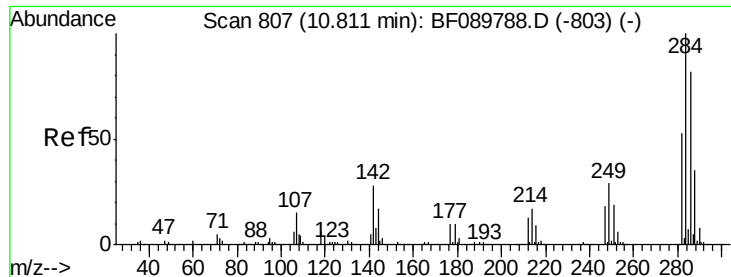


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

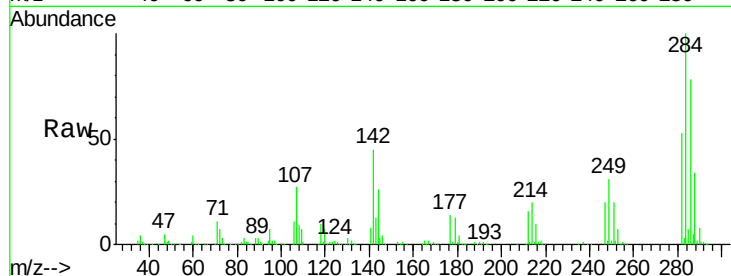




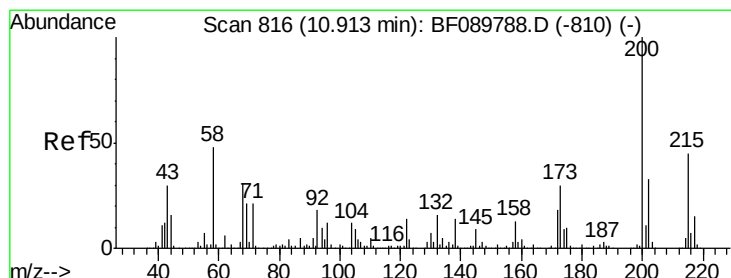
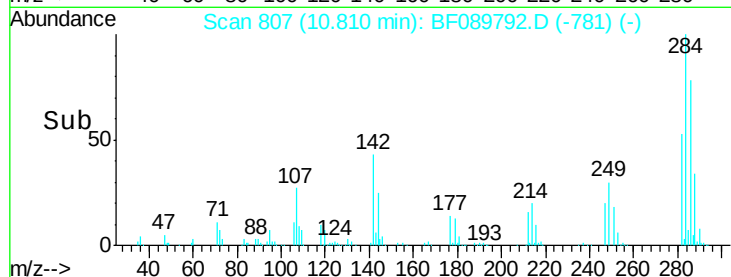
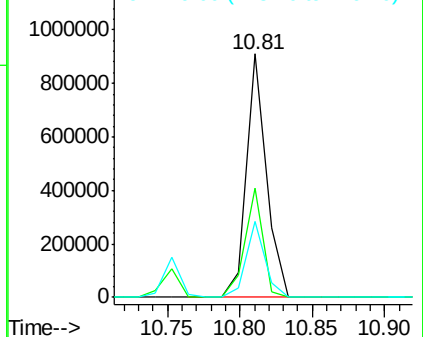
#67
Hexachlorobenzene
Concen: 34.92 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Instrument :
BNA_F
ClientSampleId :
ICVBF081916

Tot Ion:284 Resp: 867276
Ion Ratio Lower Upper
284 100
142 44.6 17.4 26.2#
249 31.3 22.8 34.2

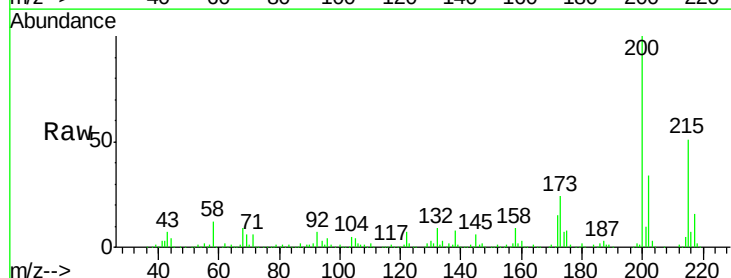


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

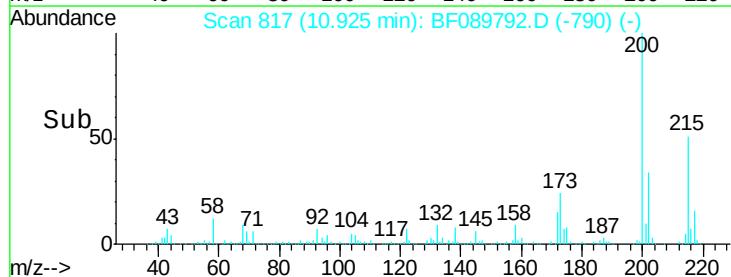
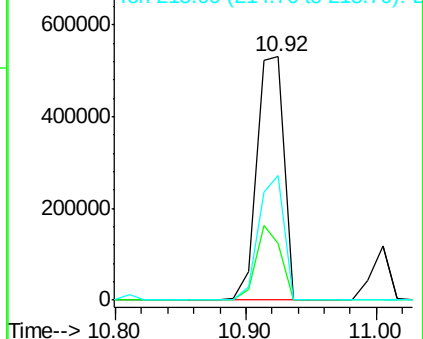


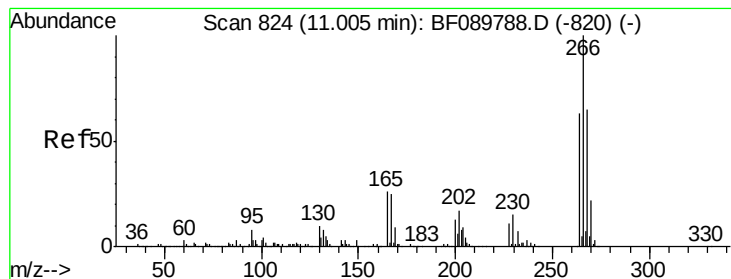
#68
Atrazine
Concen: 38.48 ng
RT: 10.92 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Tgt Ion:200 Resp: 769362
Ion Ratio Lower Upper
200 100
173 23.5 6.6 46.6
215 51.2 24.7 64.7



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: 43.45 ng

RT: 11.00 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

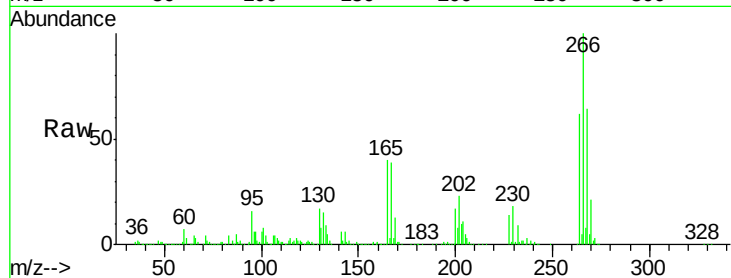
Tot Ion:266 Resp: 611626

Ion Ratio Lower Upper

266 100

268 63.9 53.2 79.8

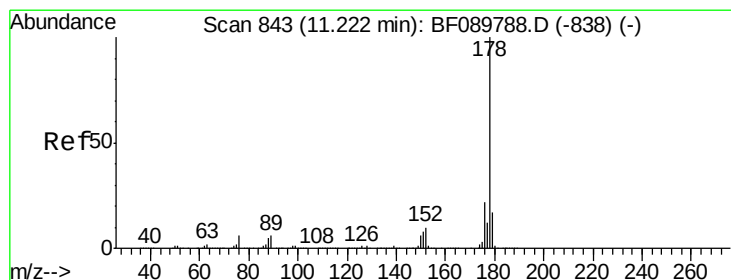
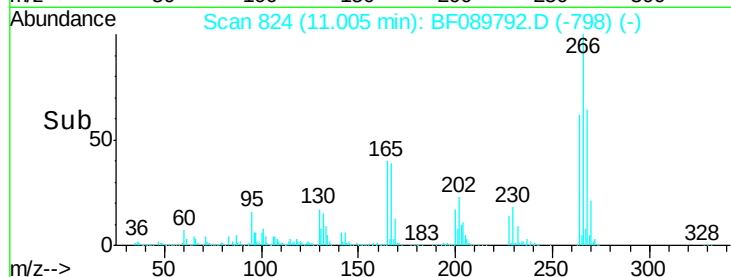
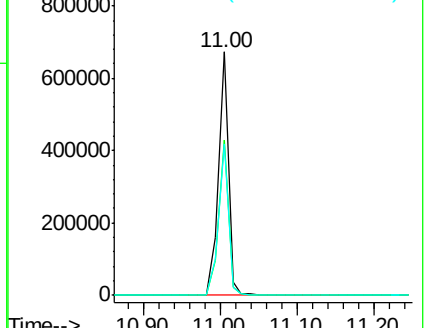
264 62.1 51.1 76.7



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 35.45 ng

RT: 11.22 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

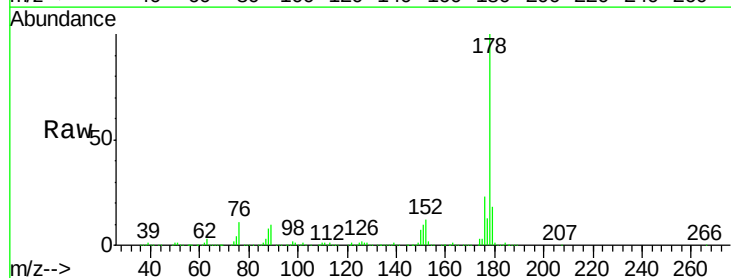
Tgt Ion:178 Resp: 3717531

Ion Ratio Lower Upper

178 100

176 23.1 16.4 24.6

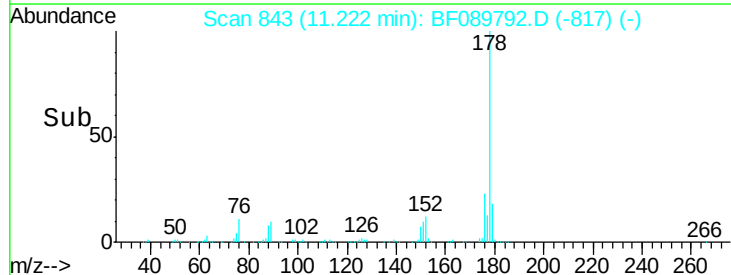
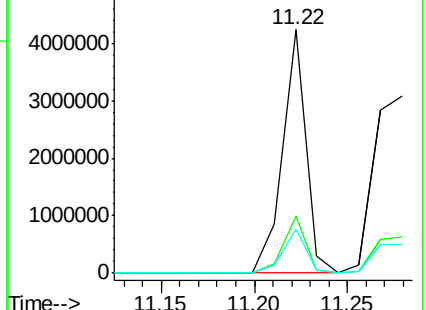
179 17.9 12.5 18.7

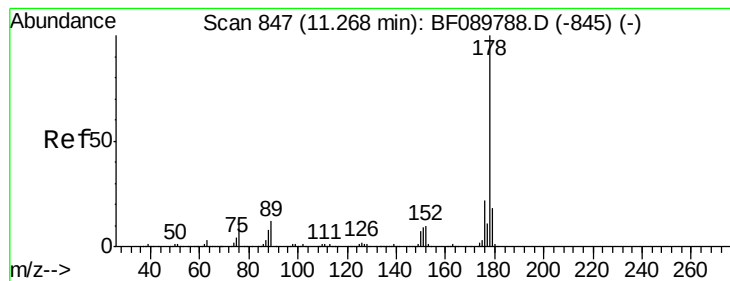


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.14 ng

RT: 11.28 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

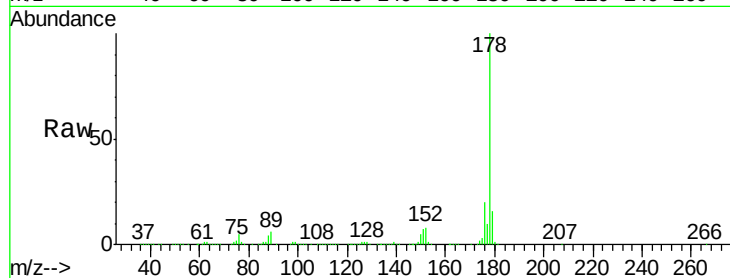
Tot Ion:178 Resp: 4171868

Ion Ratio Lower Upper

178 100

176 20.3 16.4 24.6

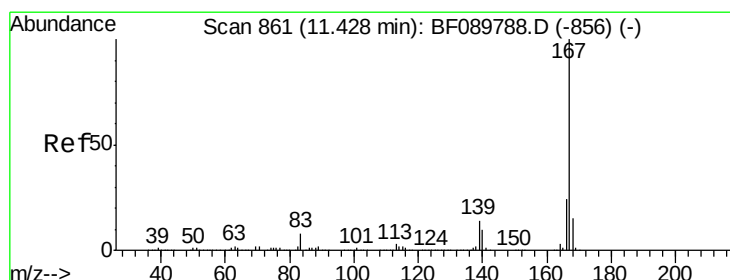
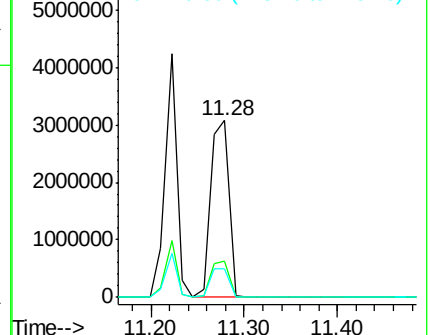
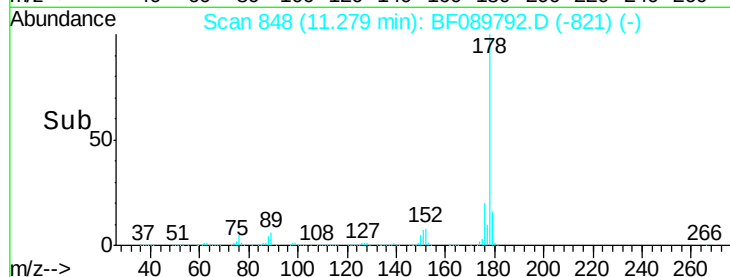
179 16.3 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 34.56 ng

RT: 11.43 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

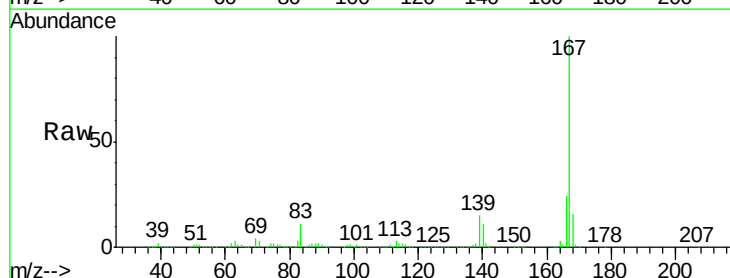
Tgt Ion:167 Resp: 3303992

Ion Ratio Lower Upper

167 100

166 24.1 17.9 26.9

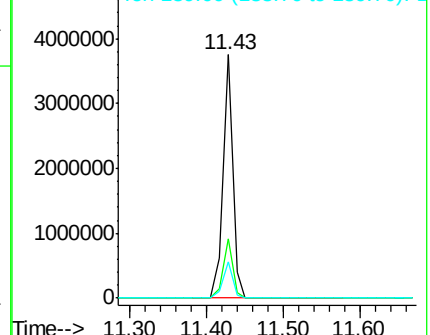
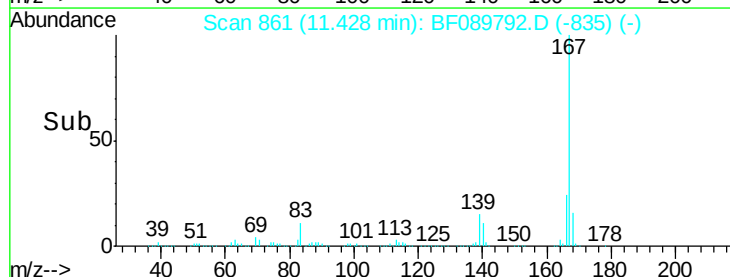
139 15.0 12.4 18.6

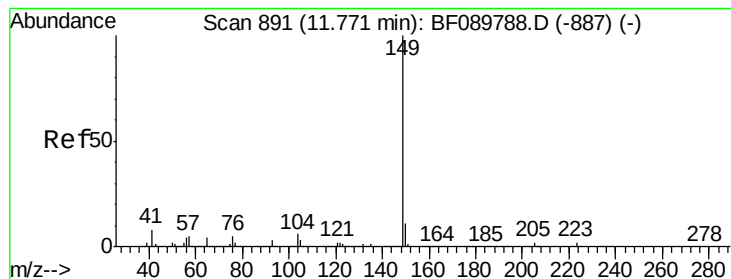


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.97 ng

RT: 11.78 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

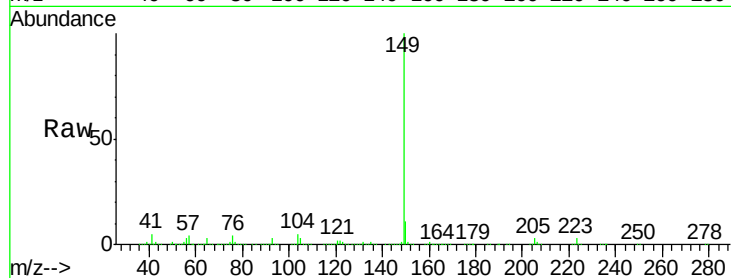
Tot Ion:149 Resp: 4662059

Ion Ratio Lower Upper

149 100

150 11.4 7.9 11.9

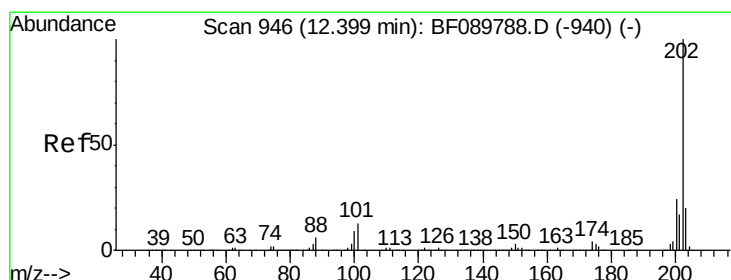
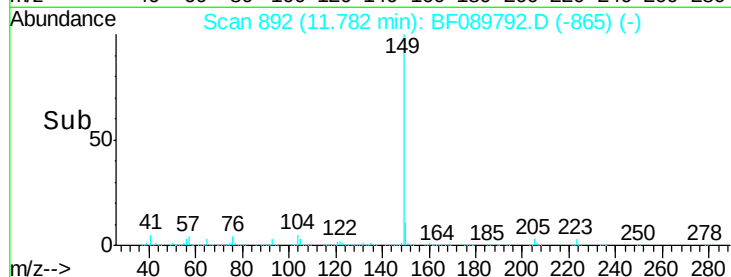
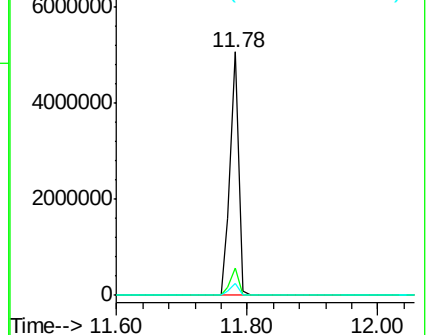
104 5.2 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.56 ng

RT: 12.41 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

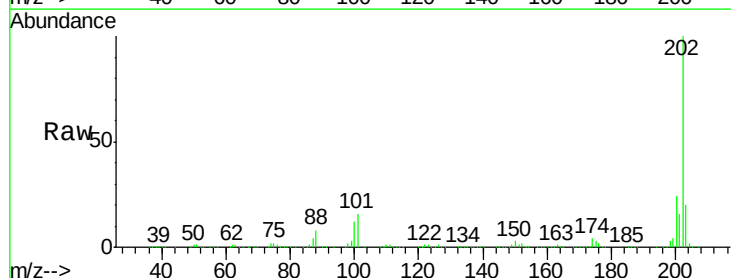
Tgt Ion:202 Resp: 3547478

Ion Ratio Lower Upper

202 100

101 15.6 0.0 31.2

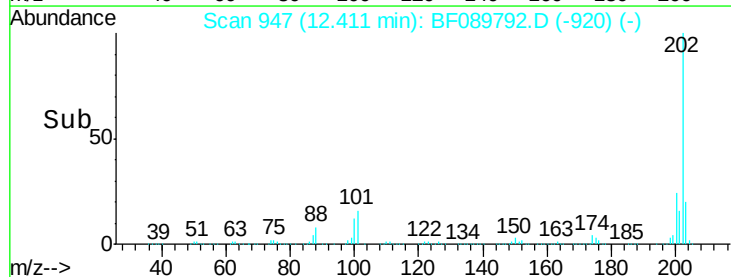
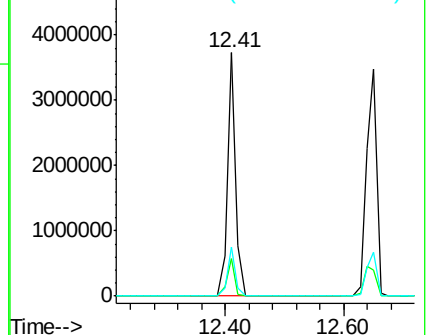
203 19.9 0.0 38.1

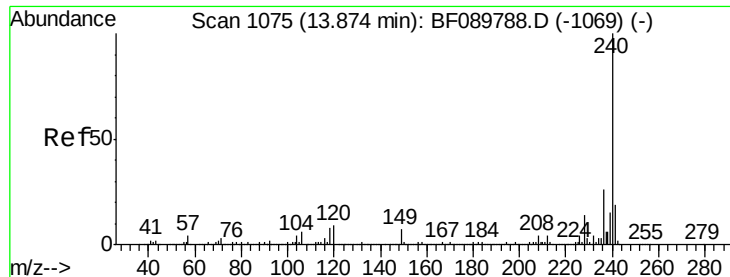


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. 0.08 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

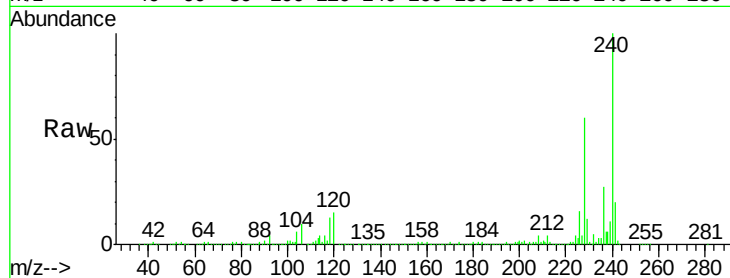
Tot Ion:240 Resp: 1274507

Ion Ratio Lower Upper

240 100

120 14.7 8.3 12.5#

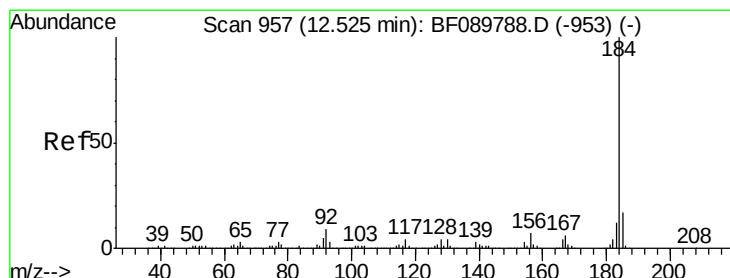
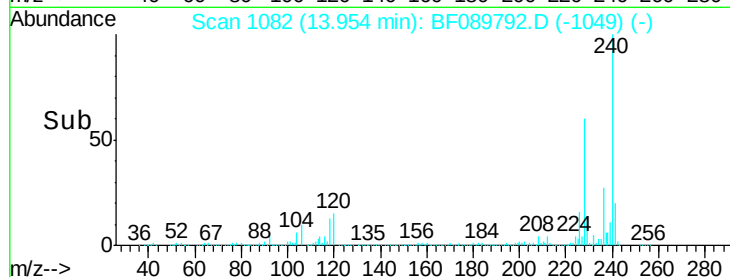
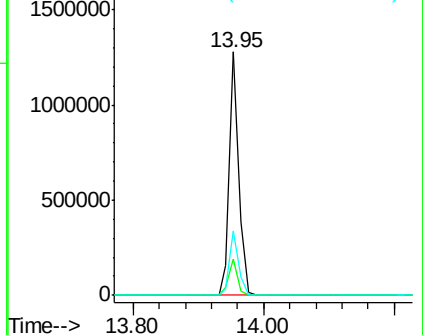
236 26.5 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.95 ng

RT: 12.55 min Scan# 959

Delta R.T. 0.02 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

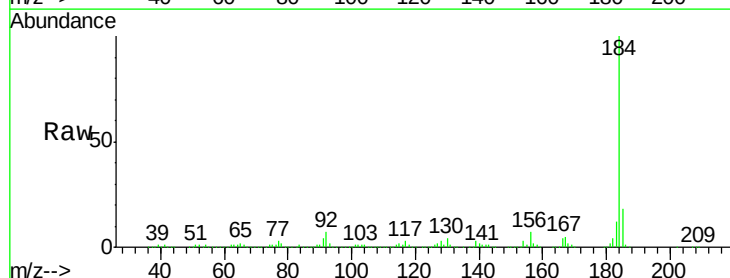
Tgt Ion:184 Resp: 1812731

Ion Ratio Lower Upper

184 100

185 17.8 13.8 20.8

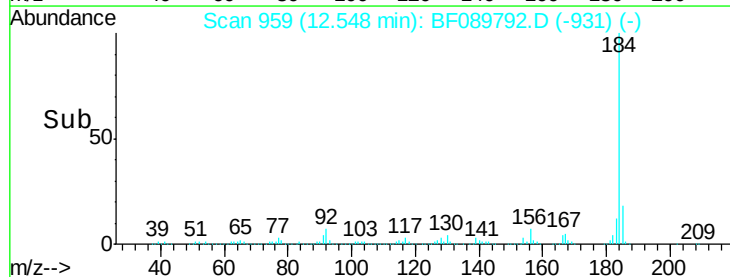
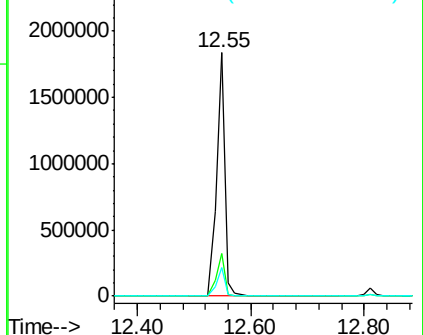
183 11.7 9.7 14.5

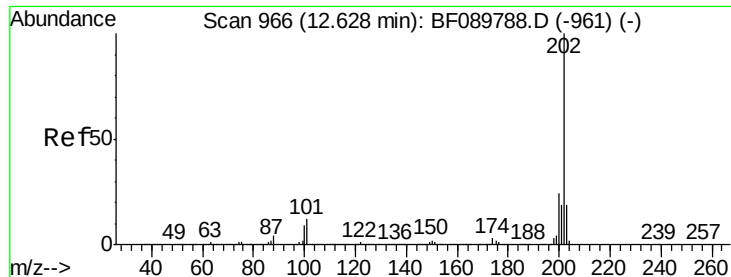


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.32 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.02 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

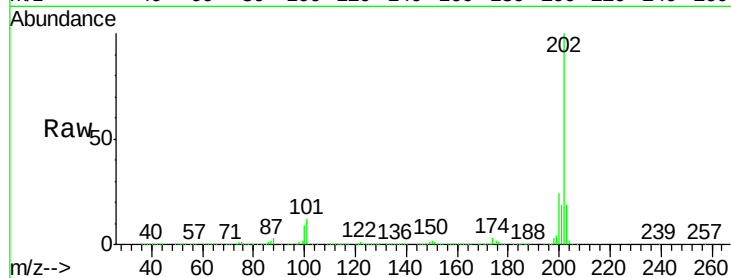
Tot Ion:202 Resp: 4080449

Ion Ratio Lower Upper

202 100

200 23.6 17.8 26.6

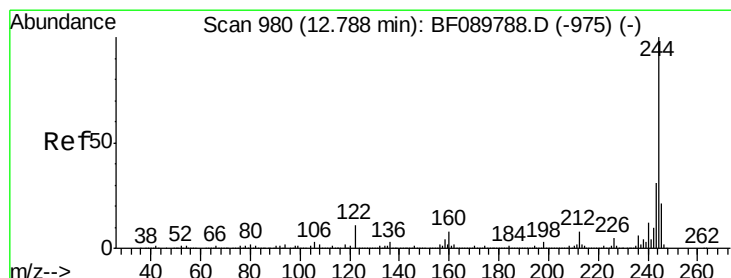
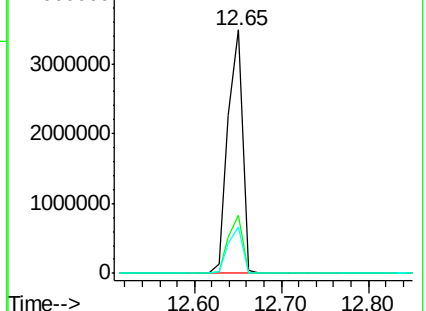
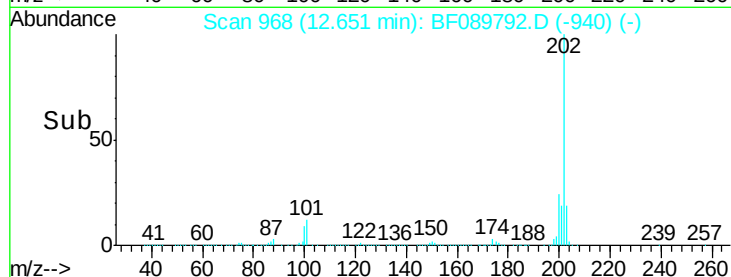
203 19.0 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 68.40 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.02 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

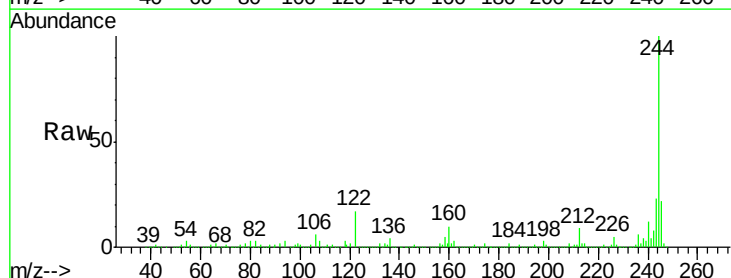
Tgt Ion:244 Resp: 3853255

Ion Ratio Lower Upper

244 100

212 8.7 6.3 9.5

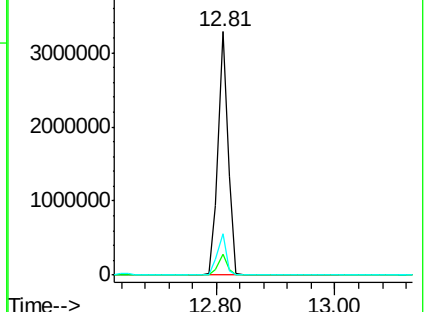
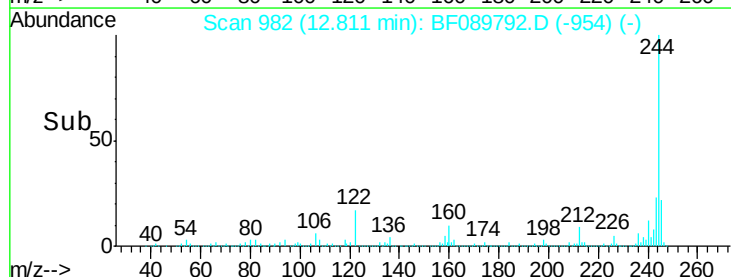
122 17.0 12.0 18.0

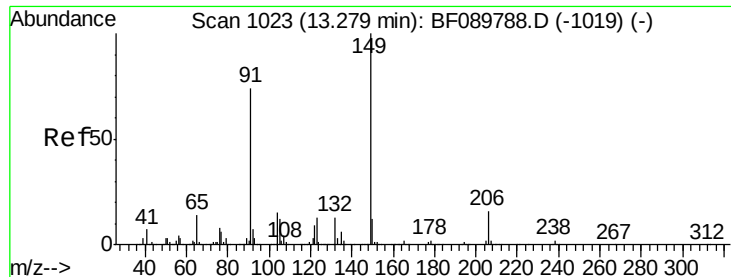


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.64 ng

RT: 13.34 min Scan# 1028

Delta R.T. 0.06 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

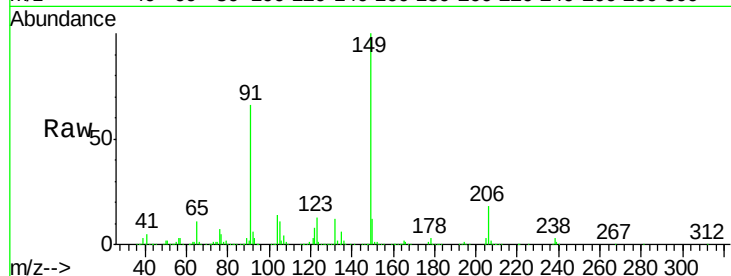
Tot Ion:149 Resp: 1951904

Ion Ratio Lower Upper

149 100

91 65.7 50.7 76.1

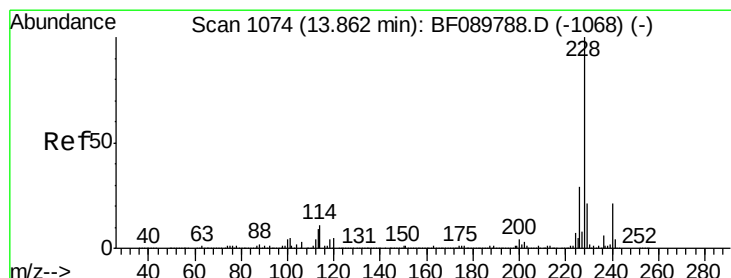
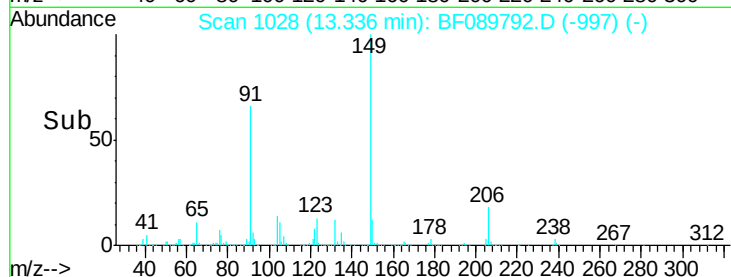
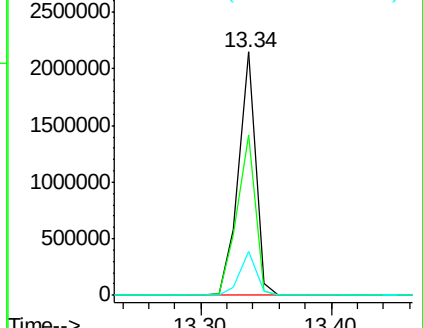
206 18.1 15.5 23.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.21 ng

RT: 13.94 min Scan# 1081

Delta R.T. 0.08 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

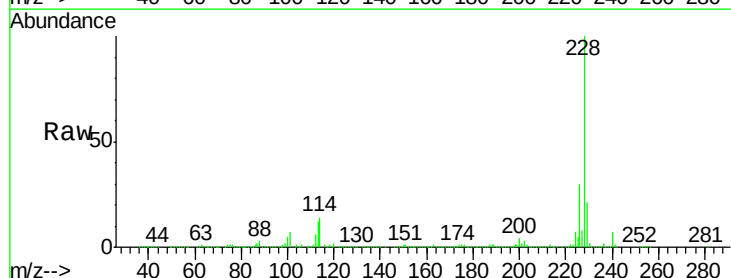
Tgt Ion:228 Resp: 2789148

Ion Ratio Lower Upper

228 100

226 29.6 23.2 34.8

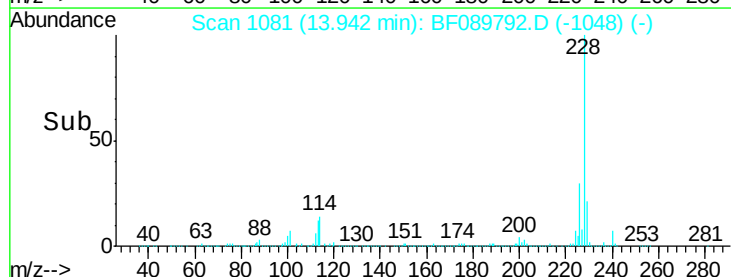
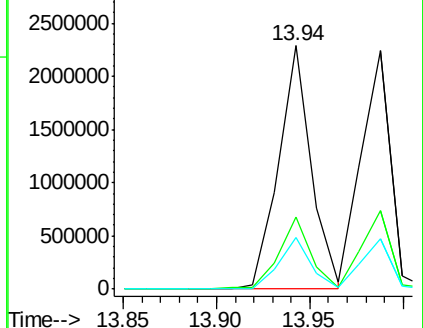
229 21.2 16.2 24.4

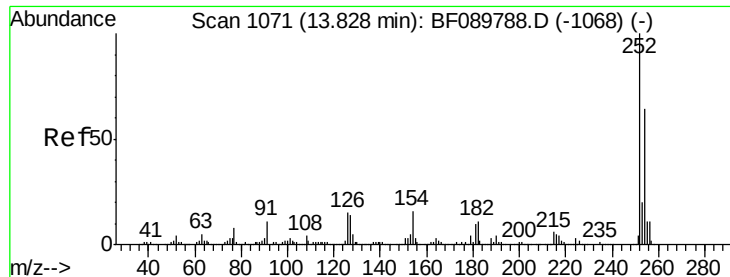


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

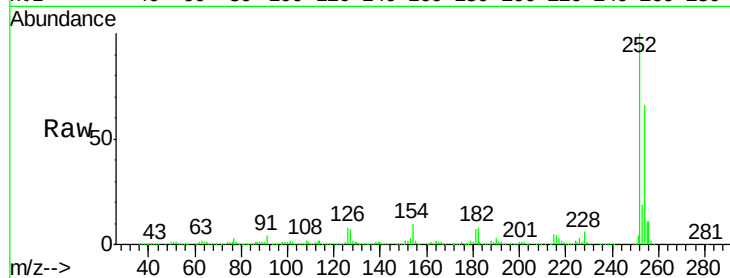




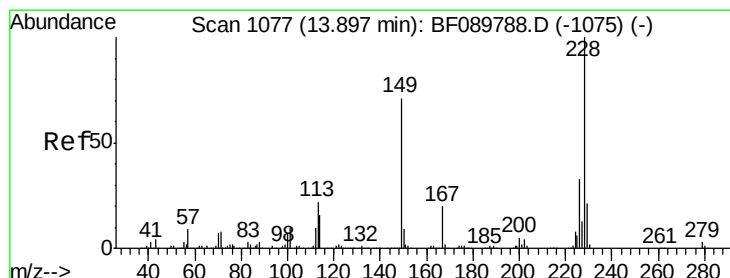
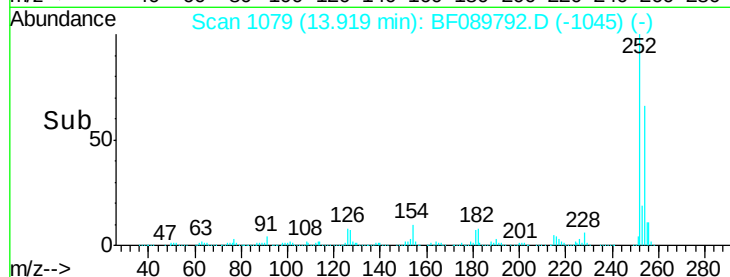
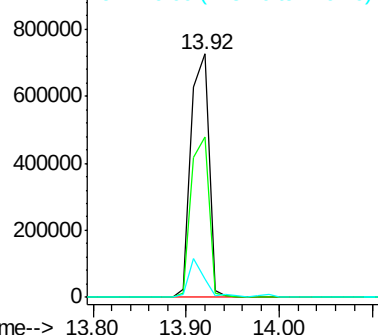
#81
 3,3'-Dichlorobenzidine
 Concen: 40.50 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. 0.09 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081916

Tot Ion:252 Resp: 969029
 Ion Ratio Lower Upper
 252 100
 254 65.8 50.6 75.8
 126 7.5 12.6 18.8#

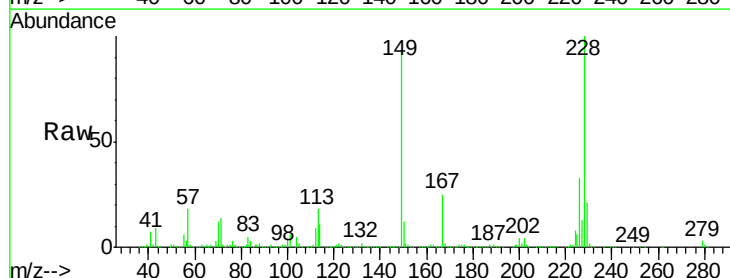


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

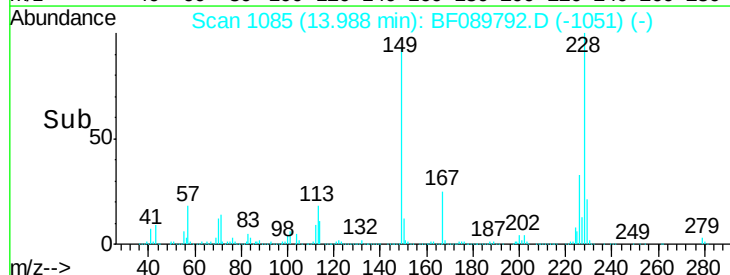
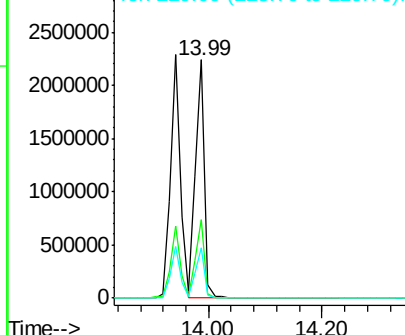


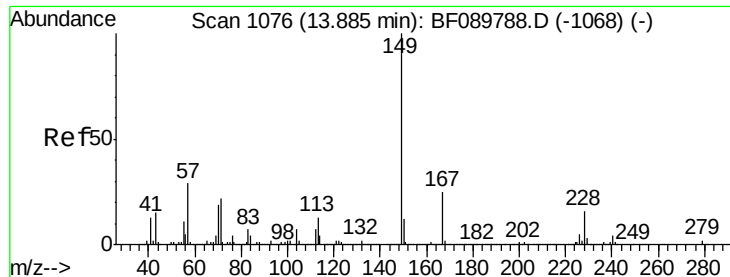
#82
 Chrysene
 Concen: 39.21 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. 0.09 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Tgt Ion:228 Resp: 2453332
 Ion Ratio Lower Upper
 228 100
 226 32.7 25.4 38.0
 229 20.9 16.5 24.7



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: 39.12 ng

RT: 13.99 min Scan# 1085

Delta R.T. 0.10 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

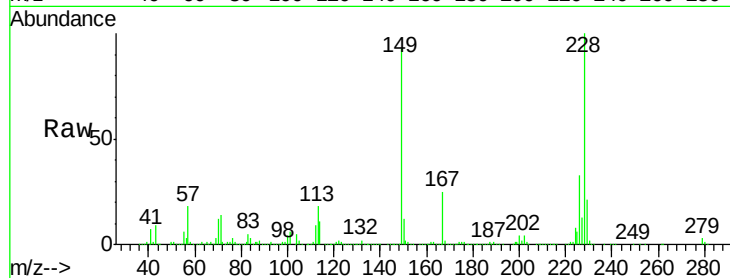
Tot Ion:149 Resp: 2526040

Ion Ratio Lower Upper

149 100

167 27.4 21.2 31.8

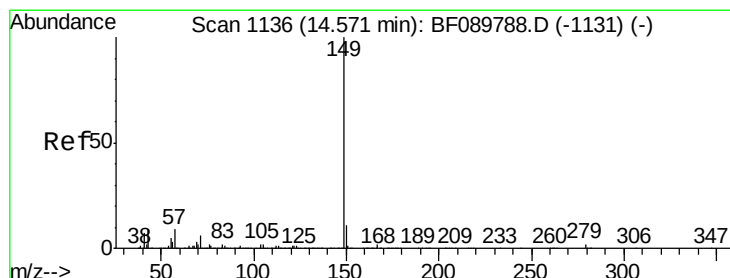
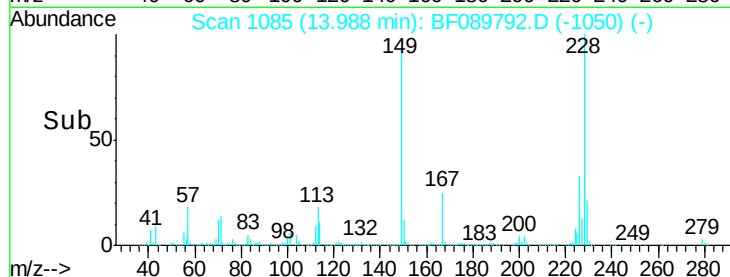
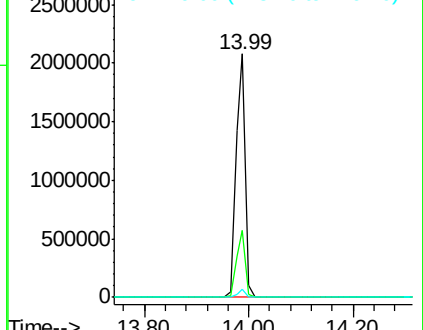
279 3.4 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.16 ng

RT: 14.72 min Scan# 1149

Delta R.T. 0.15 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

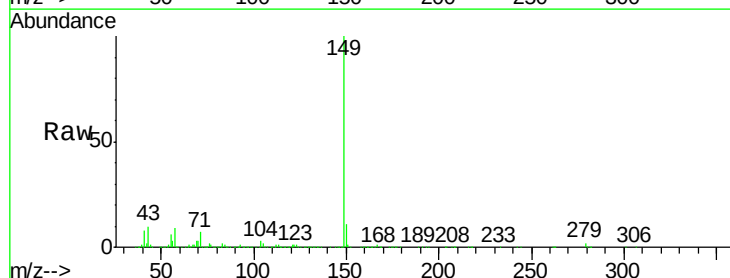
Tgt Ion:149 Resp: 3617490

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

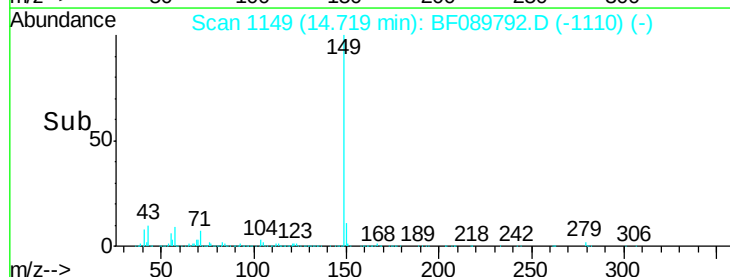
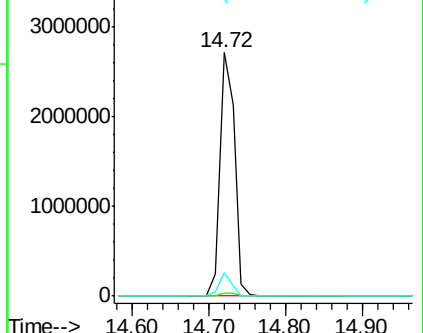
43 8.4 8.4 12.6#

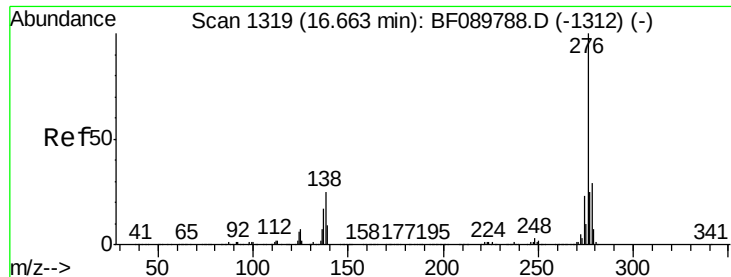


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

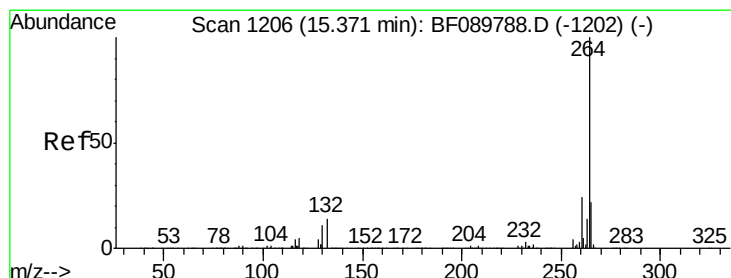
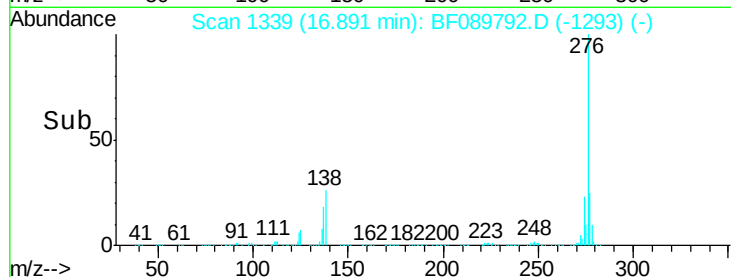
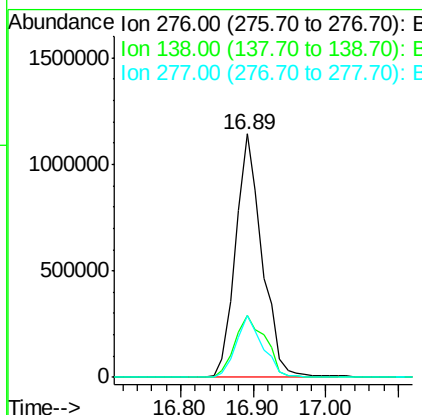
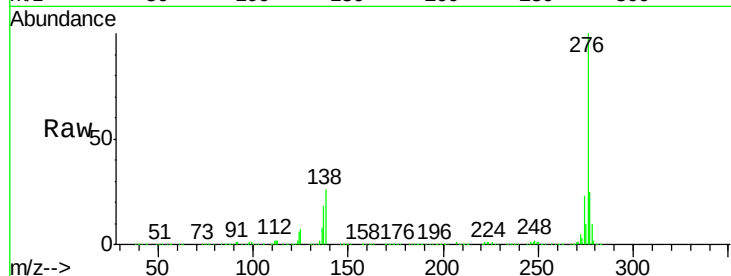




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.48 ng
 RT: 16.89 min Scan# 1339
 Delta R.T. 0.23 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

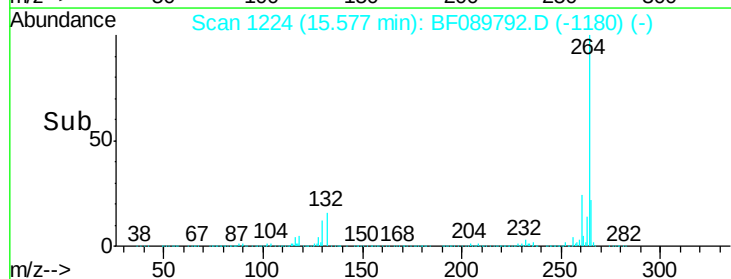
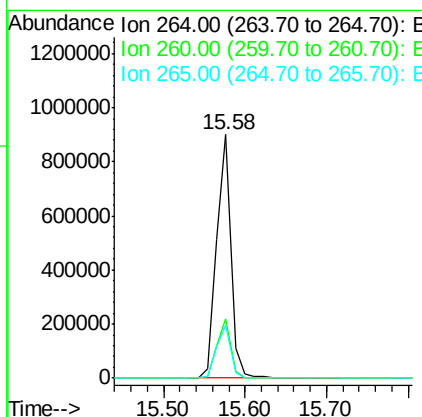
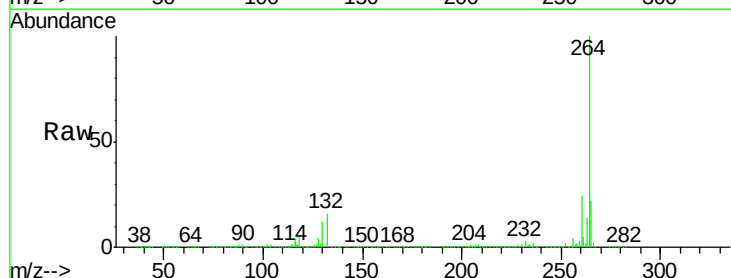
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081916

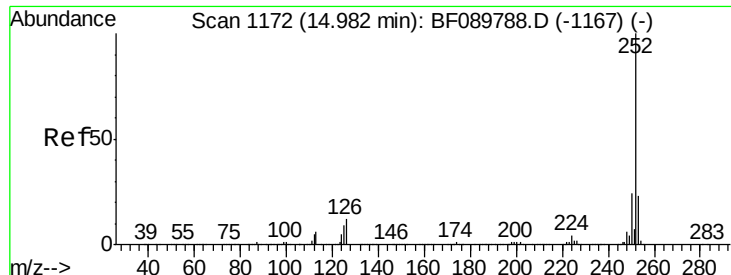
Tot Ion:276 Resp: 2912461
 Ion Ratio Lower Upper
 276 100
 138 29.7 24.6 36.8
 277 25.4 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1224
 Delta R.T. 0.21 min
 Lab File: BF089792.D
 Acq: 19 Aug 2016 13:42

Tgt Ion:264 Resp: 1099350
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.2 30.2
 265 21.8 17.4 26.2

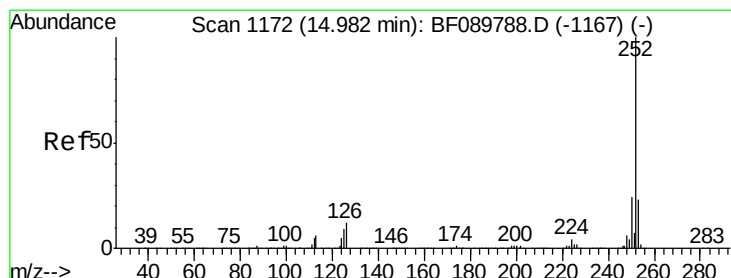
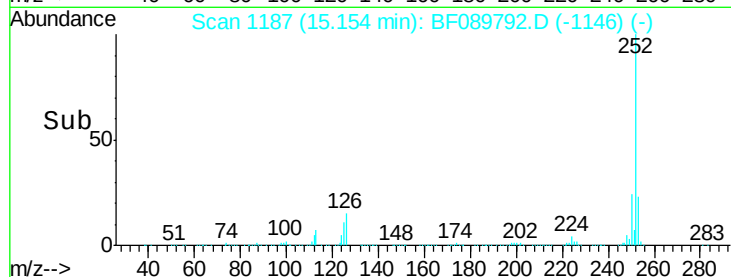
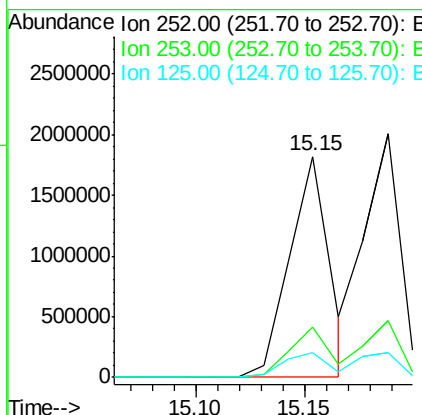
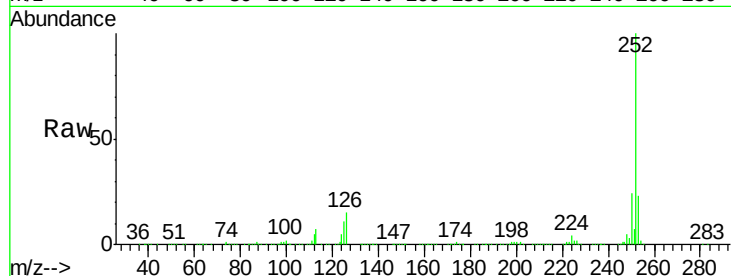




#87
Benzo(b)fluoranthene
Concen: 38.14 ng
RT: 15.15 min Scan# 1187
Delta R.T. 0.17 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

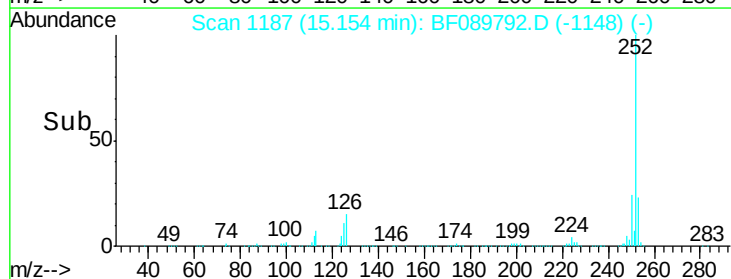
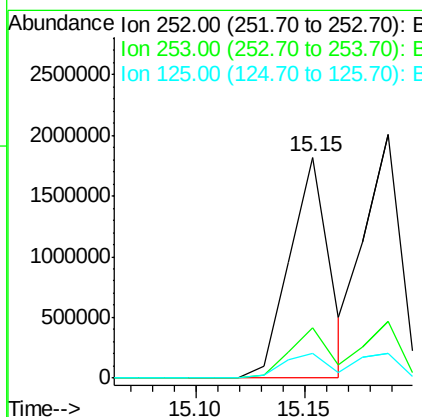
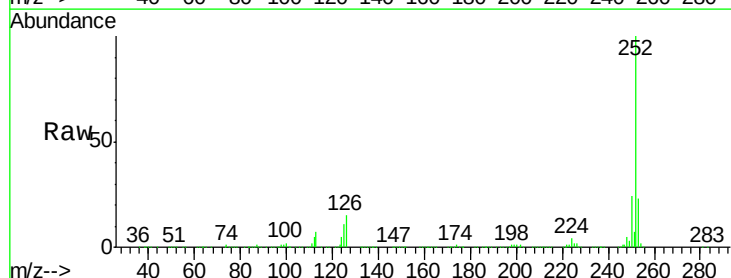
Instrument :
BNA_F
ClientSampleId :
ICVBF081916

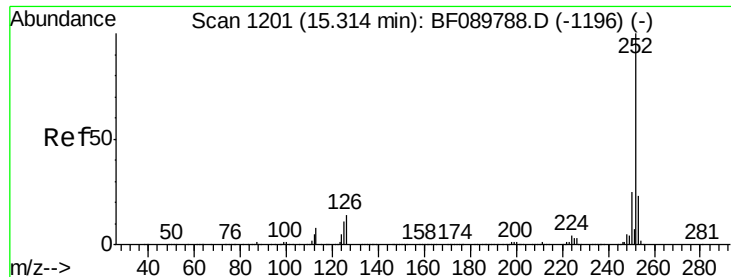
Tot Ion:252 Resp: 2306605
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 11.1 11.4 17.2#



#88
Benzo(k)fluoranthene
Concen: 42.04 ng
RT: 15.15 min Scan# 1187
Delta R.T. 0.15 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Tgt Ion:252 Resp: 2306605
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 11.1 9.8 14.6

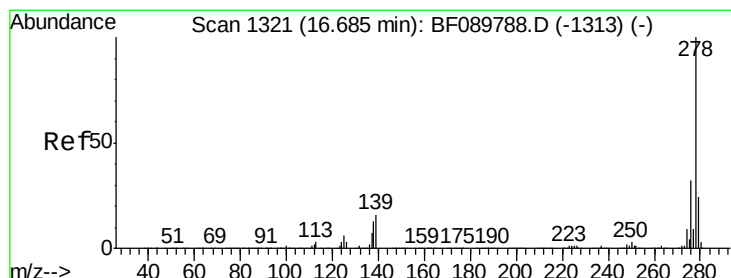
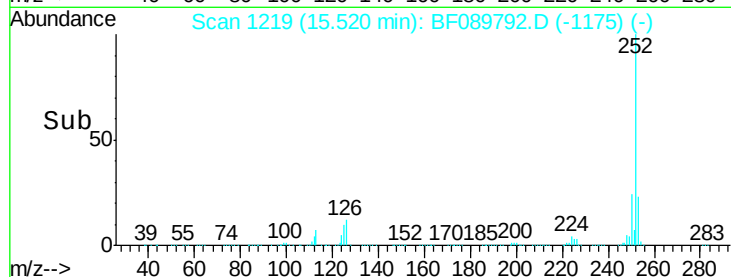
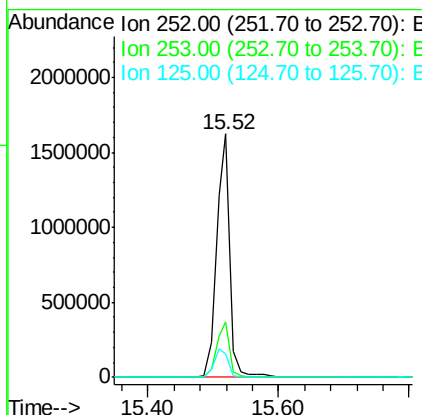
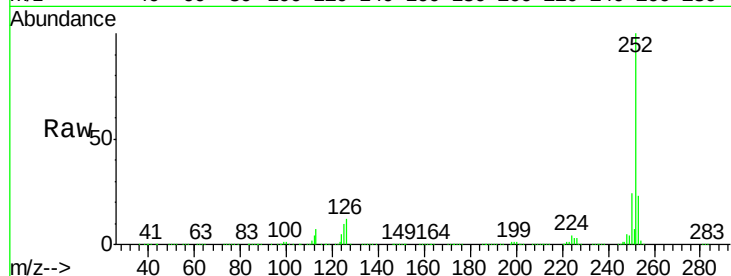




#89
Benzo(a)pyrene
Concen: 40.22 ng
RT: 15.52 min Scan# 1219
Delta R.T. 0.21 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

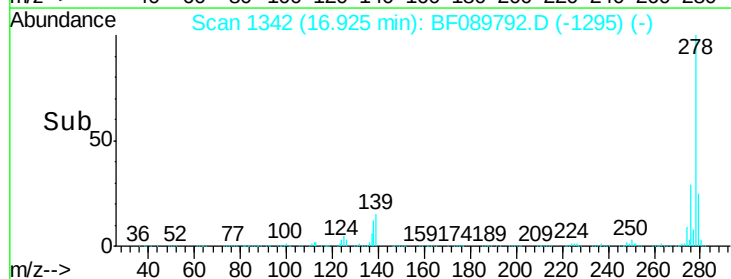
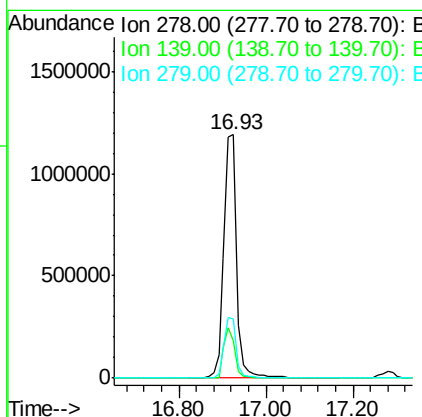
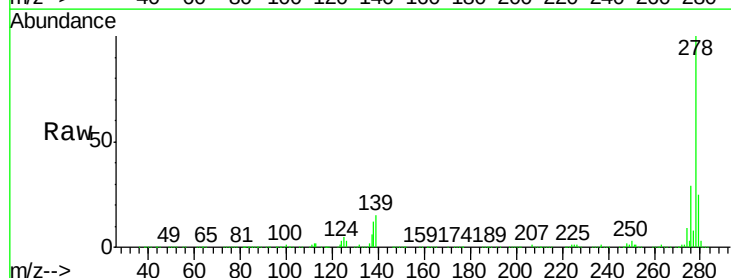
Instrument :
BNA_F
ClientSampleId :
ICVBF081916

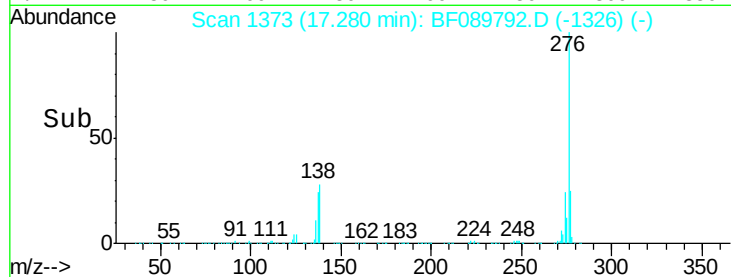
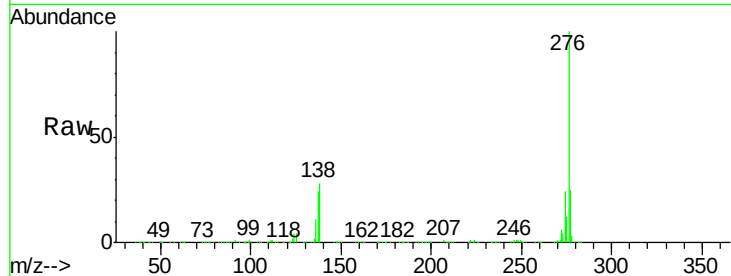
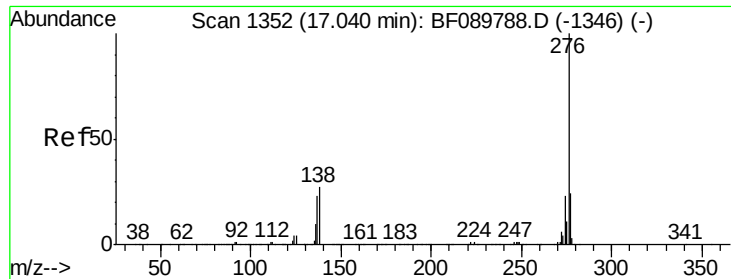
Tot Ion:252 Resp: 2302362
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 9.6 11.7 17.5#



#90
Dibenzo(a,h)anthracene
Concen: 39.59 ng
RT: 16.93 min Scan# 1342
Delta R.T. 0.24 min
Lab File: BF089792.D
Acq: 19 Aug 2016 13:42

Tgt Ion:278 Resp: 2459974
Ion Ratio Lower Upper
278 100
139 15.4 14.9 22.3
279 24.5 19.2 28.8





#91

Benzo(a,h,i)perylene

Concen: 38.37 ng

RT: 17.28 min Scan# 1373

Delta R.T. 0.24 min

Lab File: BF089792.D

Acq: 19 Aug 2016 13:42

Instrument :

BNA_F

ClientSampleId :

ICVBF081916

Tot Ion:276 Resp: 2510792

Ion Ratio Lower Upper

276 100

277 24.8 19.2 28.8

138 27.8 22.1 33.1

