

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089243.D
 Acq On : 23 Jul 2016 18:12
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jul 25 01:10:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	44876	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	185976	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	90725	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	169247	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	106402	20.00	ng	-0.02
86) Perylene-d12	15.05	264	78813	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	223926	75.89	ng	-0.03
7) Phenol-d6	6.24	99	298340	78.41	ng	-0.03
23) Nitrobenzene-d5	7.15	82	278421	79.55	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	62922	77.03	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	546398	82.98	ng	-0.02
78) Terphenyl-d14	12.66	244	411352	83.85	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.99	88	51478	40.18	ng	97
3) Pyridine	2.60	79	118271	36.34	ng	99
4) n-Nitrosodimethylamine	2.58	42	45707	33.36	ng	98
6) Aniline	6.25	93	188670	36.70	ng	# 67
8) 2-Chlorophenol	6.36	128	136202	41.60	ng	92
9) Benzaldehyde	6.12	77	66743	31.62	ng	97
10) Phenol	6.25	94	180207	41.11	ng	# 72
11) bis(2-Chloroethyl)ether	6.33	93	136193	41.37	ng	99
12) 1,3-Dichlorobenzene	6.51	146	134892	37.31	ng	97
13) 1,4-Dichlorobenzene	6.59	146	147243	40.44	ng	98
14) 1,2-Dichlorobenzene	6.75	146	146060	42.54	ng	98
15) Benzyl Alcohol	6.74	79	100938	36.22	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.87	45	151450	40.37	ng	# 73
17) 2-Methylphenol	6.87	107	96299	37.34	ng	93
18) Hexachloroethane	7.08	117	55463	40.52	ng	100
19) n-Nitroso-di-n-propylamine	7.02	70	100715	40.47	ng	99
20) 3+4-Methylphenols	7.02	107	128887	36.81	ng	# 77
22) Acetophenone	7.00	105	200129	40.30	ng	99
24) Nitrobenzene	7.18	77	146804	39.77	ng	97
25) Isophorone	7.42	82	264719	41.04	ng	99
26) 2-Nitrophenol	7.50	139	64568	37.50	ng	# 80
27) 2,4-Dimethylphenol	7.54	122	109849	37.87	ng	97
28) bis(2-Chloroethoxy)methane	7.63	93	166556	41.28	ng	99
29) 2,4-Dichlorophenol	7.74	162	109047	41.71	ng	97
30) 1,2,4-Trichlorobenzene	7.82	180	118117	40.82	ng	98
31) Naphthalene	7.88	128	400324	39.88	ng	100
32) Benzoic acid	7.70	122	77171	34.59	ng	94
33) 4-Chloroaniline	7.95	127	165058	39.10	ng	97
34) Hexachlorobutadiene	8.01	225	64896	40.29	ng	99
35) Caprolactam	8.33	113	31165	38.39	ng	92
36) 4-Chloro-3-methylphenol	8.44	107	126952	40.31	ng	96
37) 2-Methylnaphthalene	8.58	142	253106	39.54	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	126670	37.57	ng	99
40) Hexachlorocyclopentadiene	8.73	237	32643	34.31	ng	99

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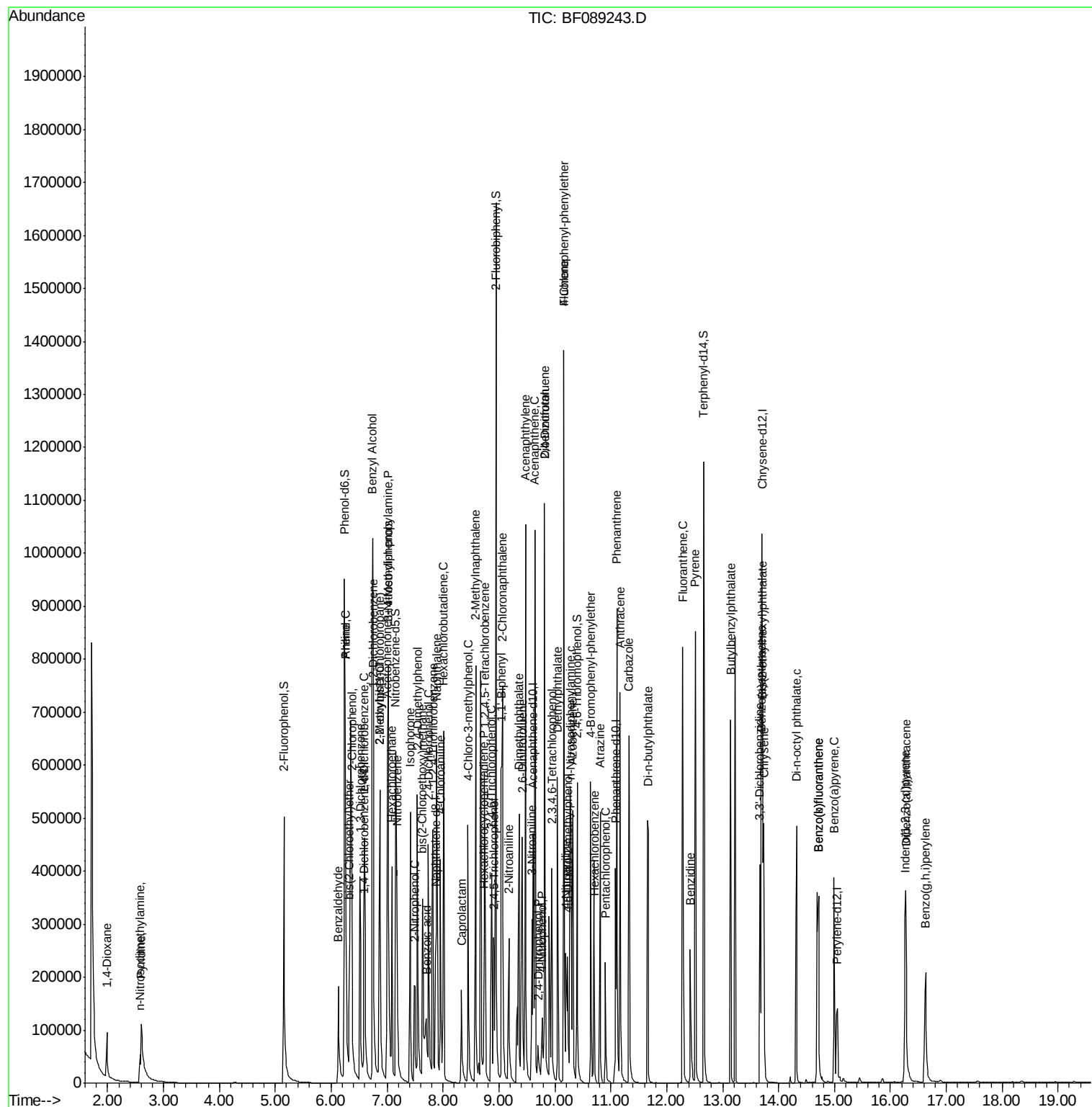
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	67507	35.77	ng	100
43) 2,4,5-Trichlorophenol	8.91	196	73916	39.02	ng	99
45) 1,1'-Biphenyl	9.05	154	305696	37.42	ng	95
46) 2-Chloronaphthalene	9.06	162	242737	39.10	ng	100
47) 2-Nitroaniline	9.18	65	77693	36.48	ng	# 71
48) Acenaphthylene	9.47	152	379331	38.86	ng	100
49) Dimethylphthalate	9.36	163	280455	40.28	ng	99
50) 2,6-Dinitrotoluene	9.42	165	61594	39.19	ng	89
51) Acenaphthene	9.64	154	219105	37.95	ng	100
52) 3-Nitroaniline	9.59	138	70957	38.01	ng	93
53) 2,4-Dinitrophenol	9.70	184	15620	25.94	ng	87
54) Dibenzofuran	9.82	168	298480	38.26	ng	99
55) 4-Nitrophenol	9.77	139	27475	24.33	ng	97
56) 2,4-Dinitrotoluene	9.82	165	76674	37.87	ng	91
57) Fluorene	10.16	166	264916	40.00	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	58742	43.17	ng	93
59) Diethylphthalate	10.04	149	259214	37.55	ng	98
60) 4-Chlorophenyl-phenylether	10.16	204	118005	39.03	ng	92
61) 4-Nitroaniline	10.19	138	68775	37.87	ng	94
62) Azobenzene	10.32	77	283346	37.77	ng	86
64) 4,6-Dinitro-2-methylphenol	10.23	198	36389	36.93	ng	91
65) n-Nitrosodiphenylamine	10.28	169	221557	39.17	ng	98
66) 4-Bromophenyl-phenylether	10.64	248	68539	40.92	ng	92
67) Hexachlorobenzene	10.71	284	68017	37.76	ng	# 96
68) Atrazine	10.81	200	67957	38.42	ng	98
69) Pentachlorophenol	10.90	266	31502	37.91	ng	98
70) Phenanthrene	11.11	178	356837	38.43	ng	99
71) Anthracene	11.16	178	391014	40.52	ng	99
72) Carbazole	11.32	167	338341	39.91	ng	99
73) Di-n-butylphthalate	11.67	149	414394	39.53	ng	# 97
74) Fluoranthene	12.28	202	363604	37.26	ng	99
76) Benzidine	12.42	184	139353	38.09	ng	100
77) Pyrene	12.51	202	384041	43.70	ng	99
79) Butylbenzylphthalate	13.14	149	156722	42.16	ng	94
80) Benzo(a)anthracene	13.69	228	252296	37.23	ng	99
81) 3,3'-Dichlorobenzidine	13.67	252	91381	40.65	ng	97
82) Chrysene	13.74	228	258836	39.99	ng	99
83) Bis(2-ethylhexyl)phthalate	13.71	149	207523	42.09	ng	# 94
84) Di-n-octyl phthalate	14.32	149	310487	38.17	ng	100
85) Indeno(1,2,3-cd)pyrene	16.26	276	197061	41.92	ng	99
87) Benzo(b)fluoranthene	14.72	252	398135	69.75	ng	# 91
88) Benzo(k)fluoranthene	14.72	252	398358	97.59	ng	99
89) Benzo(a)pyrene	14.99	252	183408	41.39	ng	98
90) Dibenzo(a,h)anthracene	16.27	278	171617	49.05	ng	# 95
91) Benzo(g,h,i)perylene	16.63	276	175395	49.72	ng	99

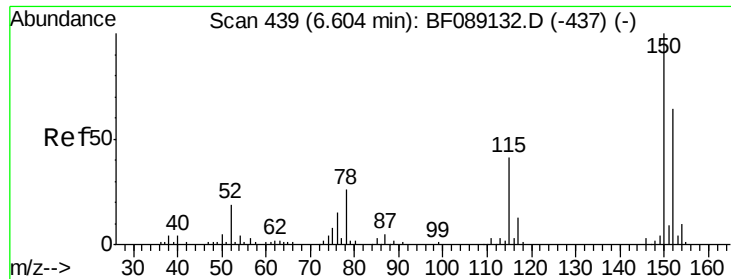
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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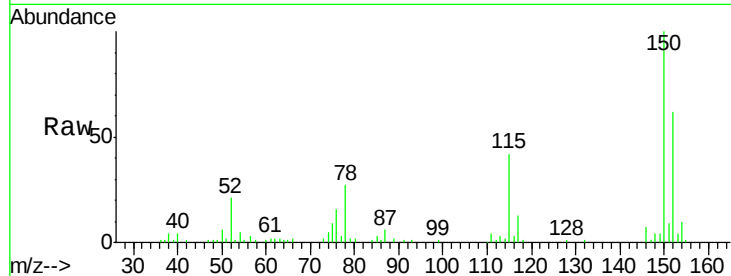


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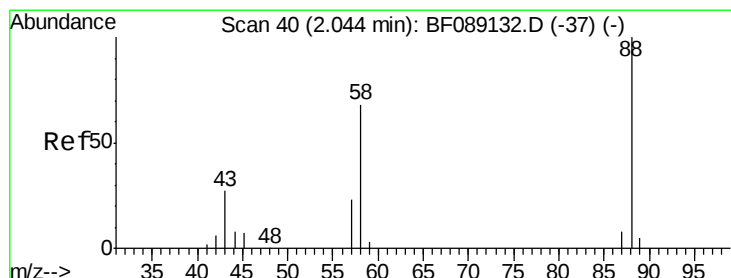
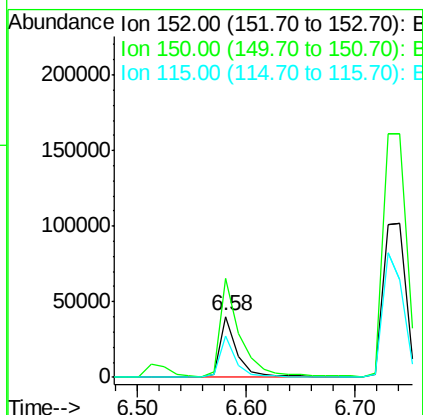
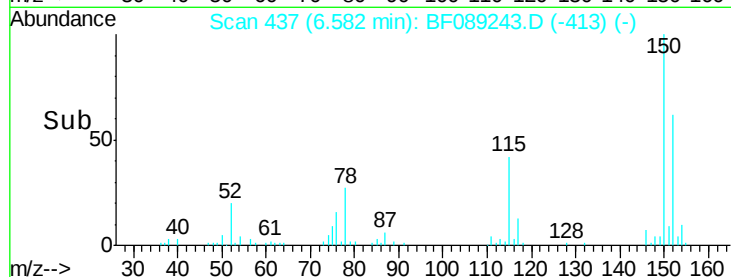
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF089243.D
Acq: 23 Jul 2016 18:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 44876
Ion Ratio Lower Upper
152 100
150 162.3 125.1 187.7
115 68.3 51.1 76.7



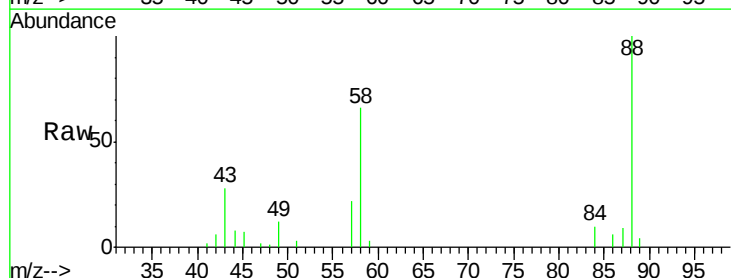
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



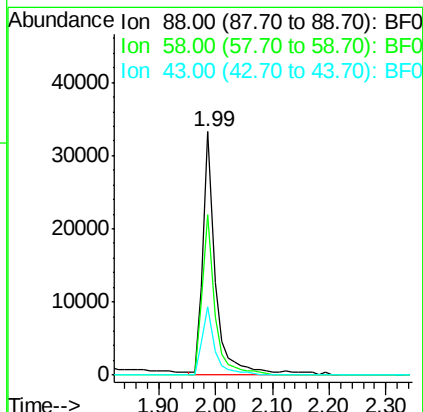
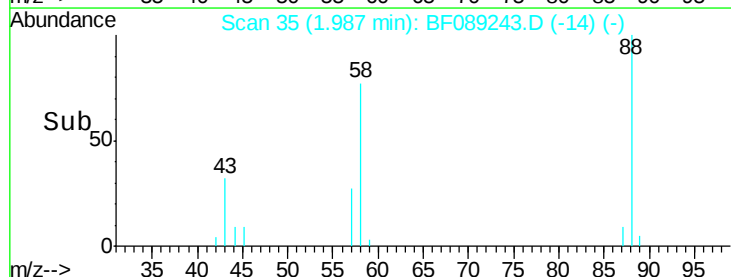
#2

1,4-Dioxane
Concen: 40.18 ng
RT: 1.99 min Scan# 35
Delta R.T. -0.06 min
Lab File: BF089243.D
Acq: 23 Jul 2016 18:12

Tgt Ion: 88 Resp: 51478
Ion Ratio Lower Upper
88 100
58 63.7 49.2 73.8
43 27.3 20.6 30.8



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

Pyridine

Concen: 36.34 ng

RT: 2.60 min Scan# 89

Delta R.T. -0.07 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

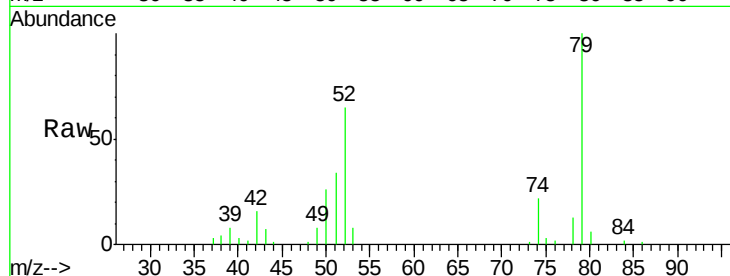
Tgt Ion: 79 Resp: 118271

Ion Ratio Lower Upper

79 100

52 65.3 52.9 79.3

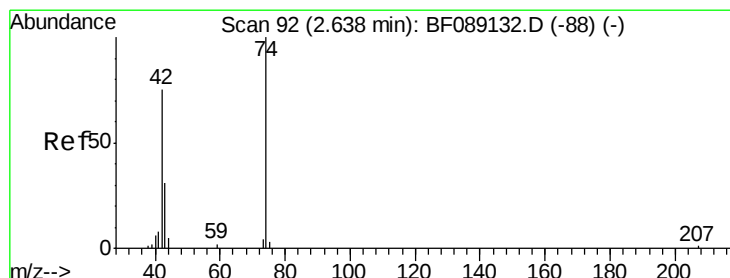
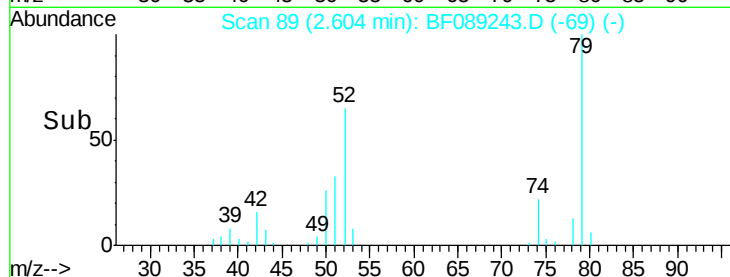
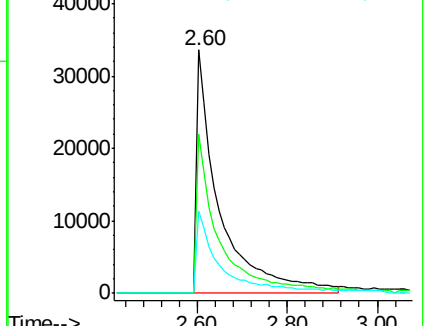
51 33.6 27.0 40.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 33.36 ng

RT: 2.58 min Scan# 87

Delta R.T. -0.06 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

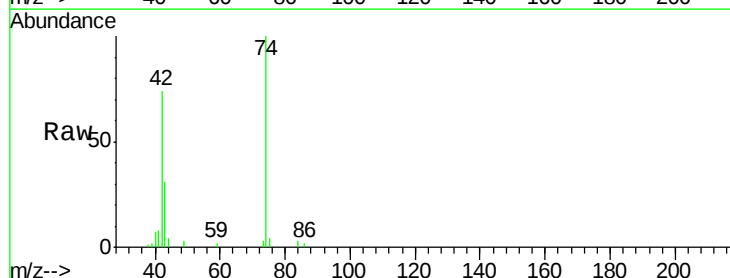
Tgt Ion: 42 Resp: 45707

Ion Ratio Lower Upper

42 100

74 135.9 106.4 159.6

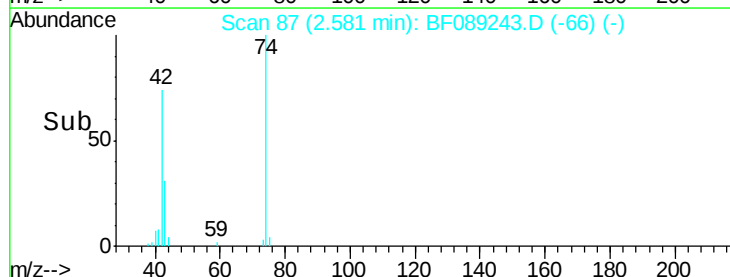
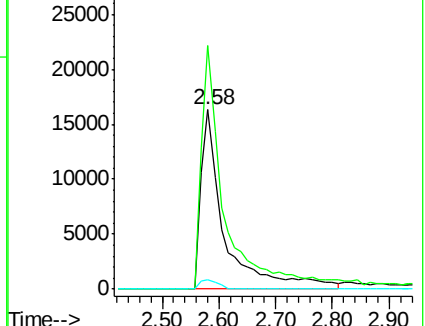
44 5.5 5.2 7.8

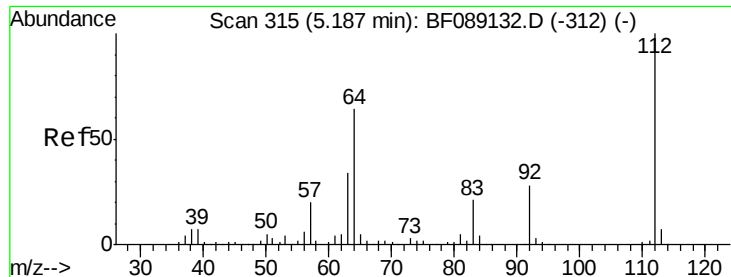


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

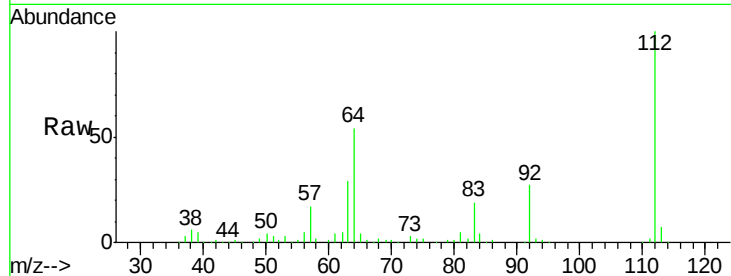




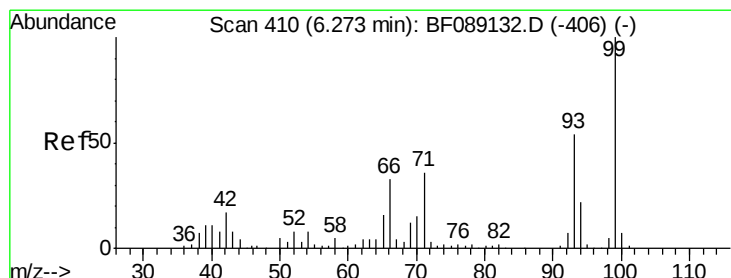
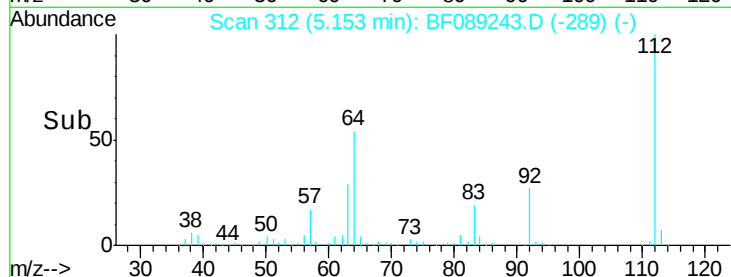
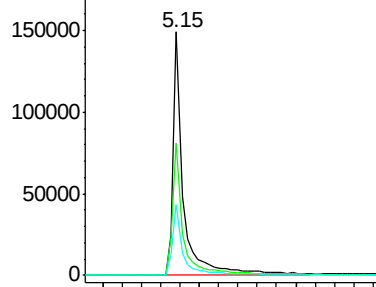
#5
 2-Fluorophenol
 Concen: 75.89 ng
 RT: 5.15 min Scan# 312
 Delta R.T. -0.03 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

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Tgt Ion: 112 Resp: 223926
 Ion Ratio Lower Upper
 112 100
 64 54.5 51.0 76.4
 63 29.1 27.3 40.9

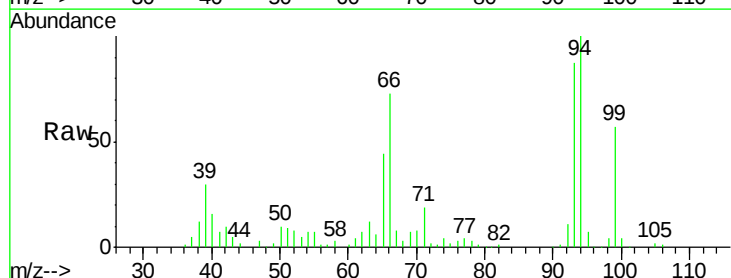


Abundance Ion 112.00 (111.70 to 112.70): B
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

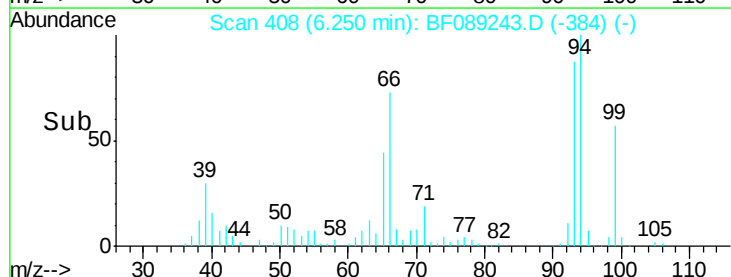
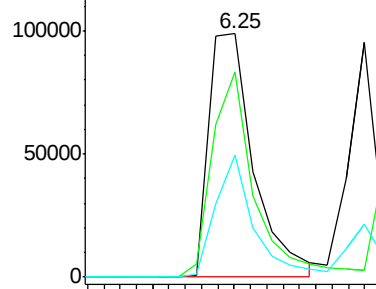


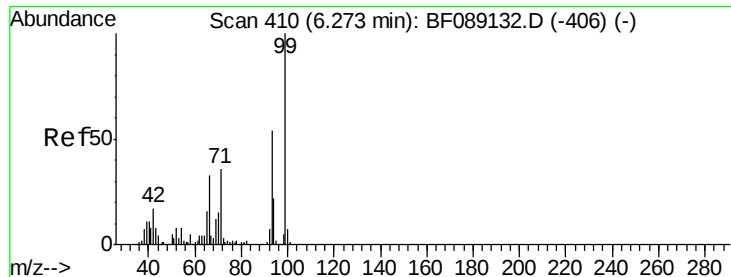
#6
 Aniline
 Concen: 36.70 ng
 RT: 6.25 min Scan# 408
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Tgt Ion: 93 Resp: 188670
 Ion Ratio Lower Upper
 93 100
 66 84.1 48.9 73.3#
 65 50.1 23.9 35.9#



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: 78.41 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

Instrument :

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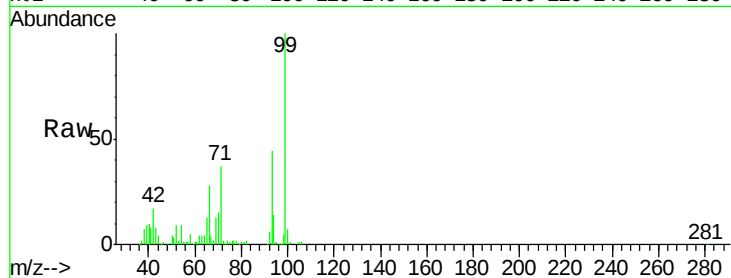
Tgt Ion: 99 Resp: 298340

Ion Ratio Lower Upper

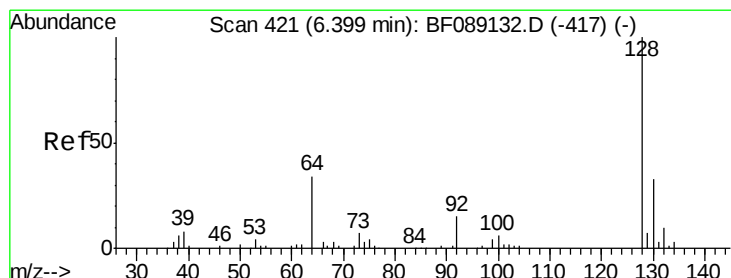
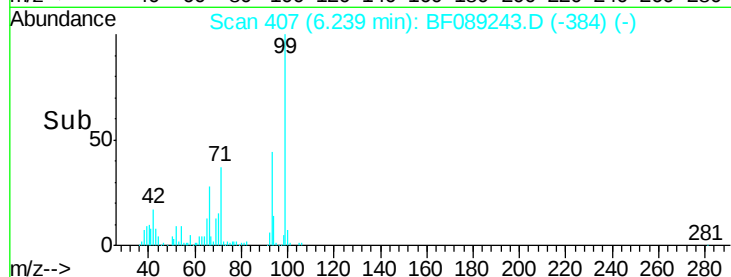
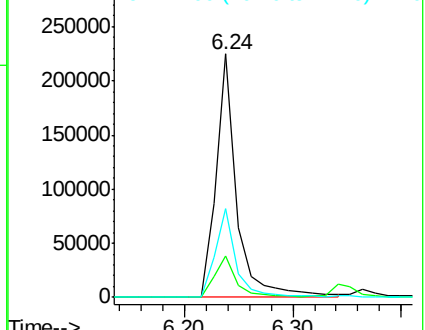
99 100

42 17.2 13.5 20.3

71 36.7 28.9 43.3



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



#8

2-Chlorophenol

Concen: 41.60 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

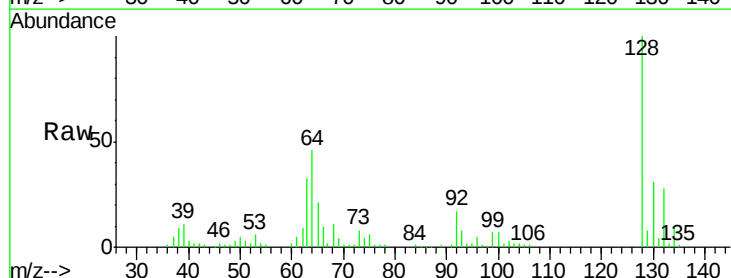
Tgt Ion: 128 Resp: 136202

Ion Ratio Lower Upper

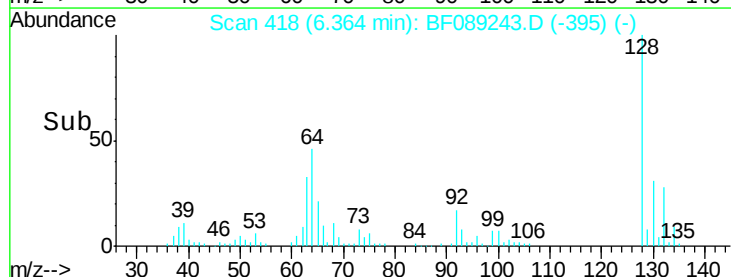
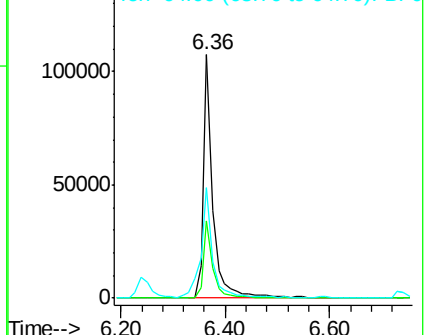
128 100

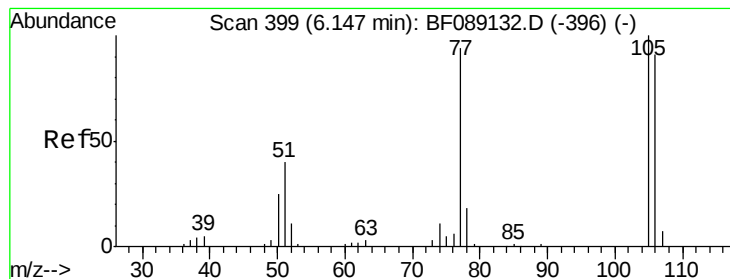
130 31.5 12.6 52.6

64 45.5 17.5 57.5



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: 31.62 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.02 min

Lab File: BF089243.D

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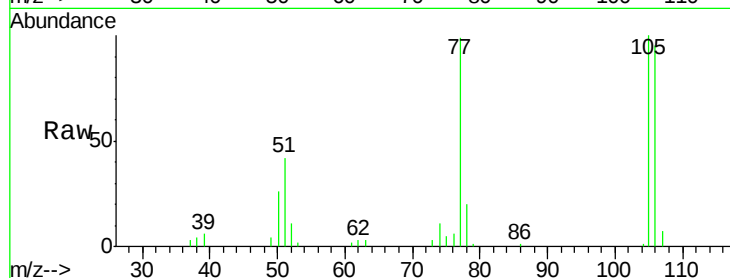
Tgt Ion: 77 Resp: 66743

Ion Ratio Lower Upper

77 100

105 101.5 86.2 126.2

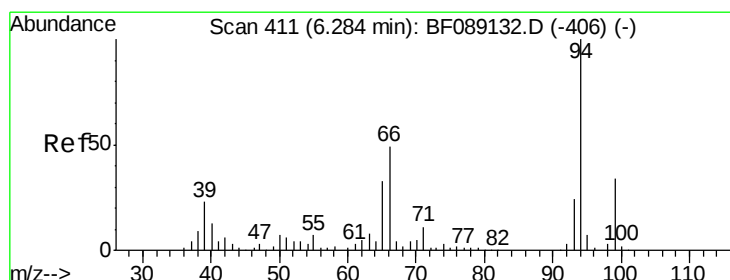
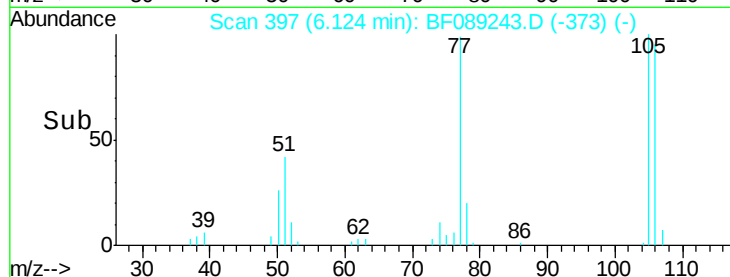
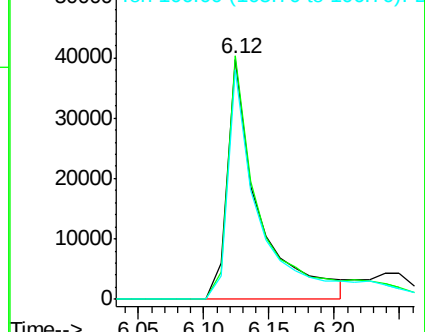
106 95.9 76.3 116.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.11 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

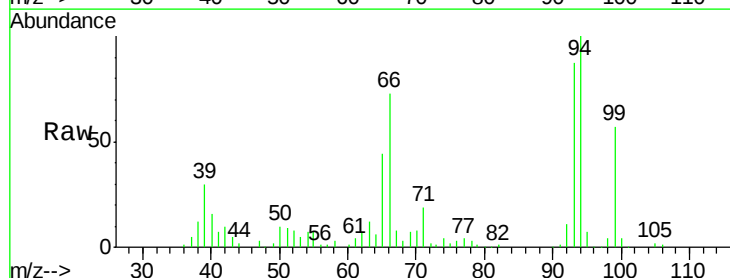
Tgt Ion: 94 Resp: 180207

Ion Ratio Lower Upper

94 100

65 43.6 13.3 53.3

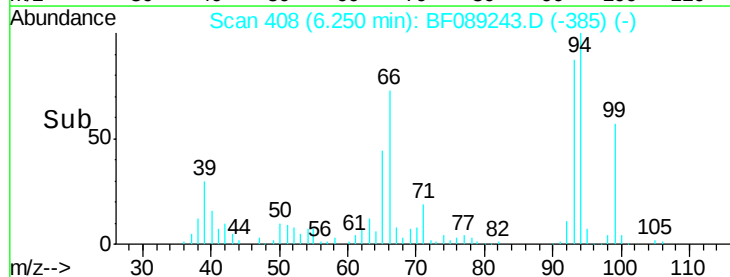
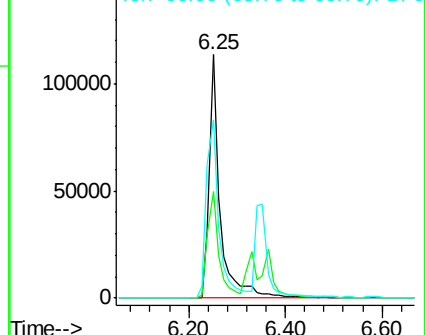
66 73.3 29.3 69.3#

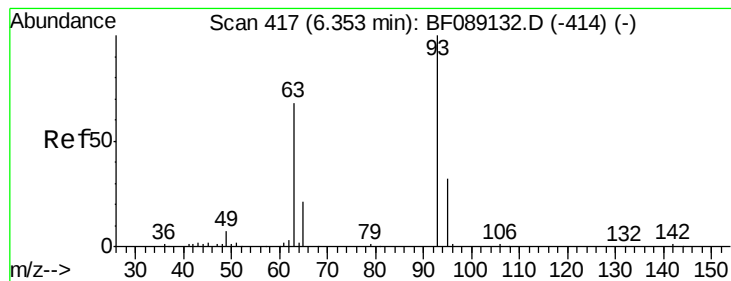


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.37 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

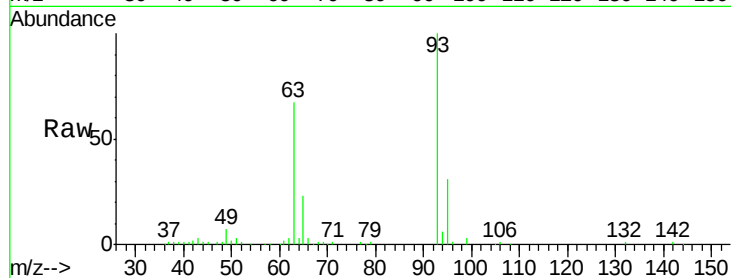
Tgt Ion: 93 Resp: 136193

Ion Ratio Lower Upper

93 100

63 66.5 47.3 87.3

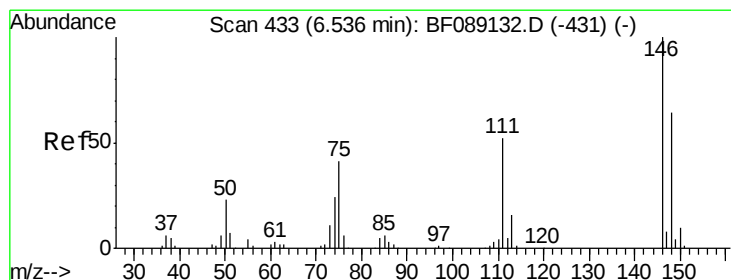
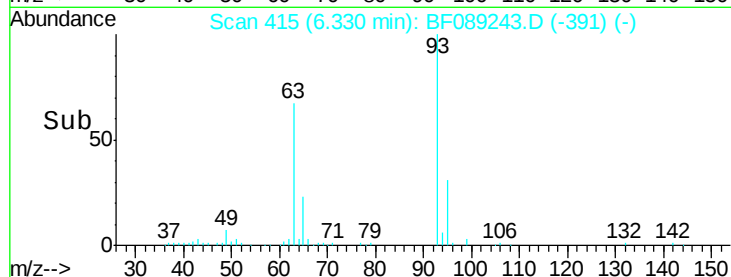
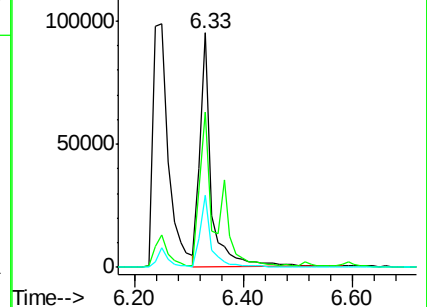
95 30.8 11.8 51.8



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: 37.31 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

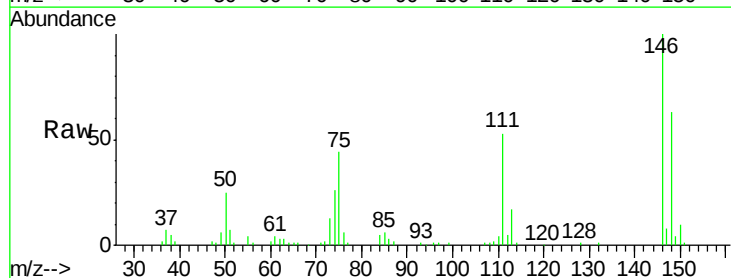
Tgt Ion: 146 Resp: 134892

Ion Ratio Lower Upper

146 100

148 62.6 51.0 76.6

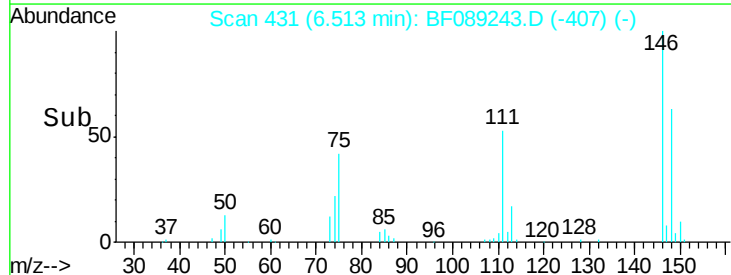
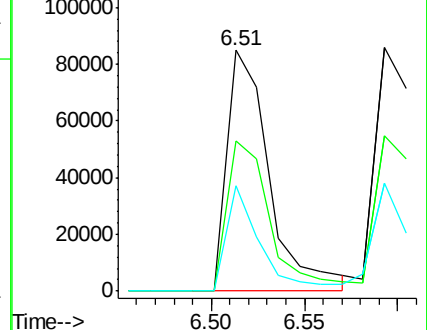
75 43.6 32.5 48.7

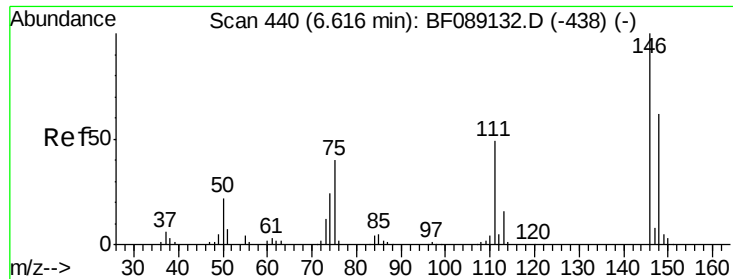


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

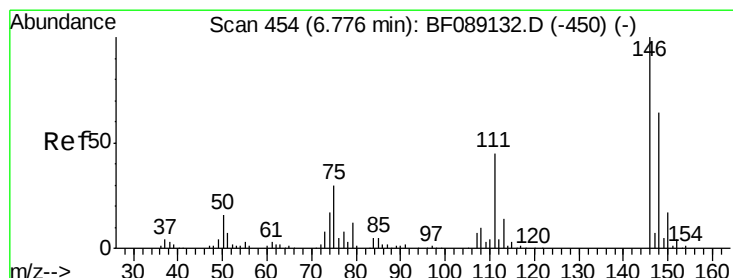
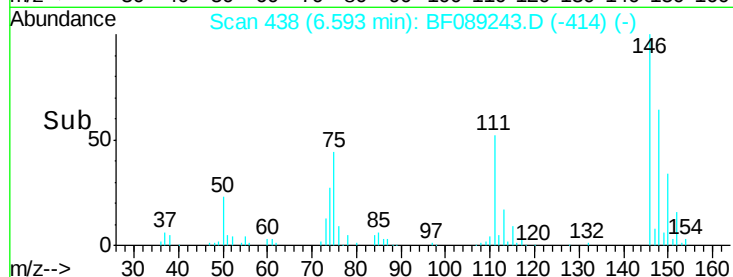
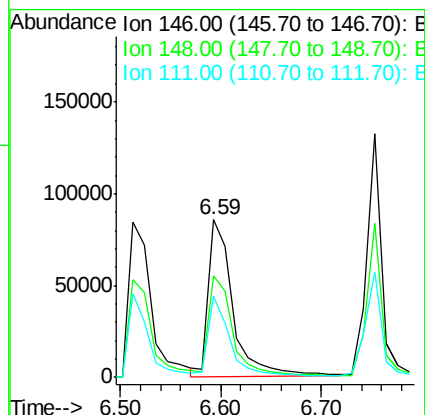
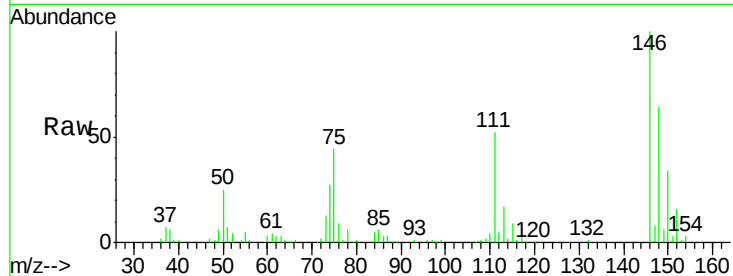




#13
 1,4-Dichlorobenzene
 Concen: 40.44 ng
 RT: 6.59 min Scan# 438
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

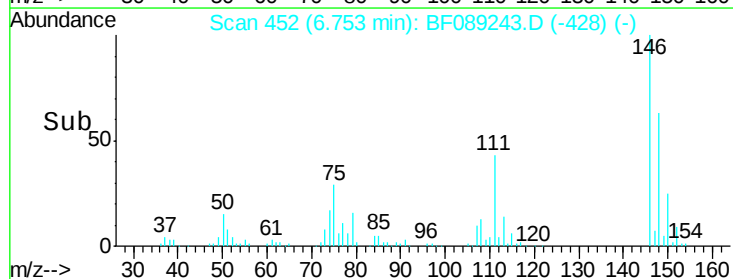
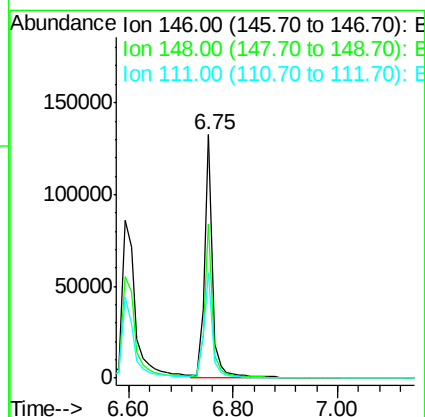
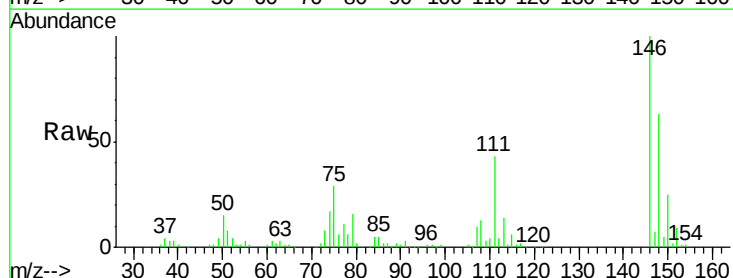
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

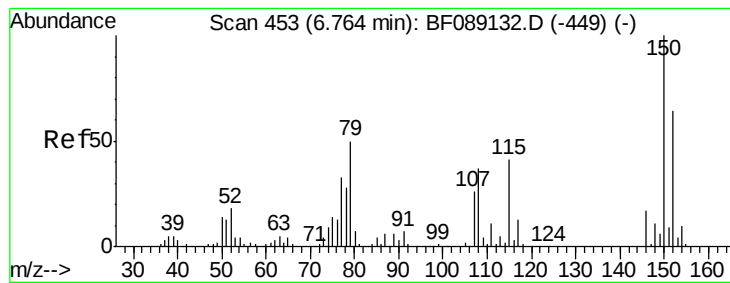
Tgt Ion:146 Resp: 147243
 Ion Ratio Lower Upper
 146 100
 148 64.0 49.9 74.9
 111 51.6 39.8 59.6



#14
 1,2-Dichlorobenzene
 Concen: 42.54 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Tgt Ion:146 Resp: 146060
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.4 77.0
 111 43.2 35.9 53.9





#15

Benzyl Alcohol

Concen: 36.22 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

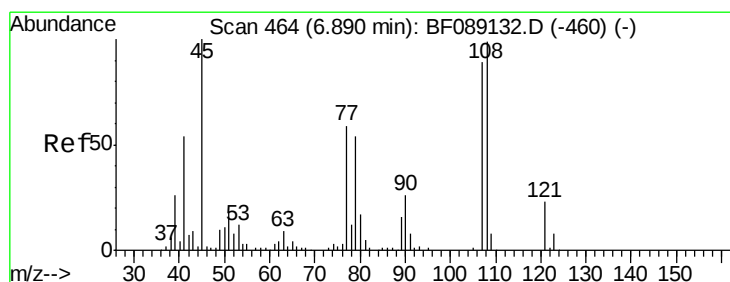
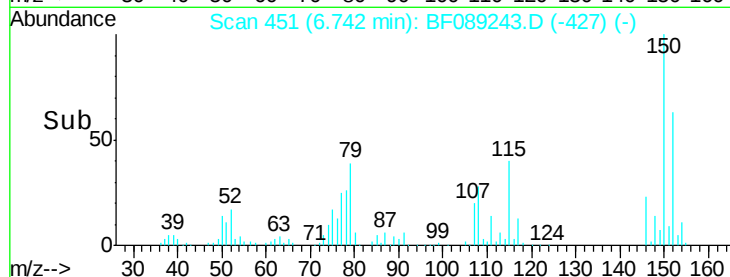
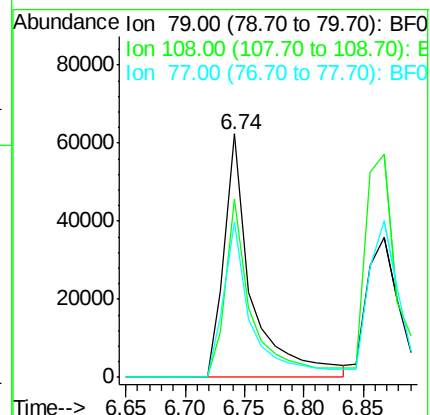
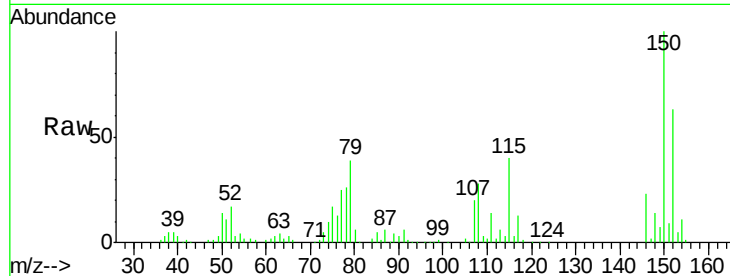
Tgt Ion: 79 Resp: 100938

Ion Ratio Lower Upper

79 100

108 73.3 58.2 87.4

77 63.8 52.2 78.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.37 ng

RT: 6.87 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

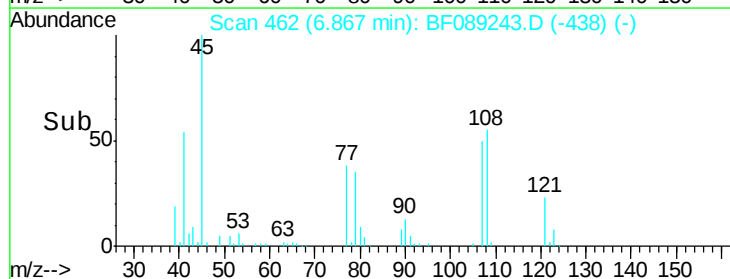
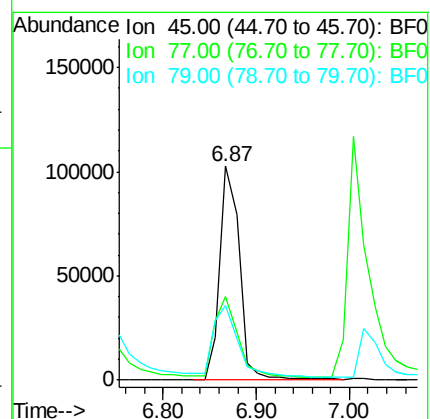
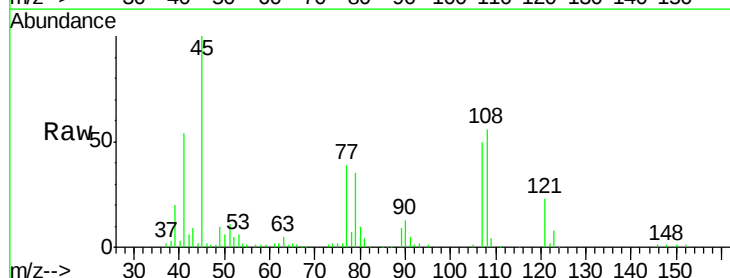
Tgt Ion: 45 Resp: 151450

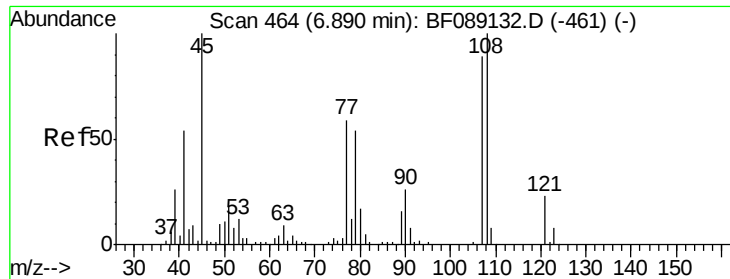
Ion Ratio Lower Upper

45 100

77 39.2 39.7 79.7#

79 35.1 34.7 74.7

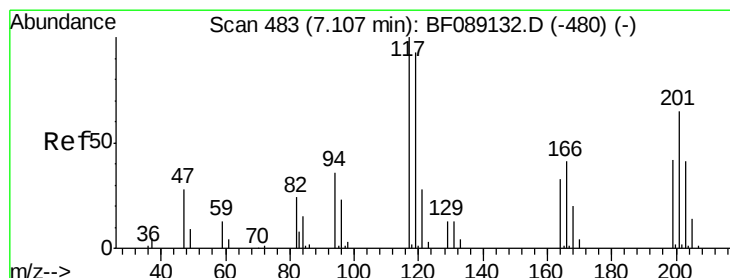
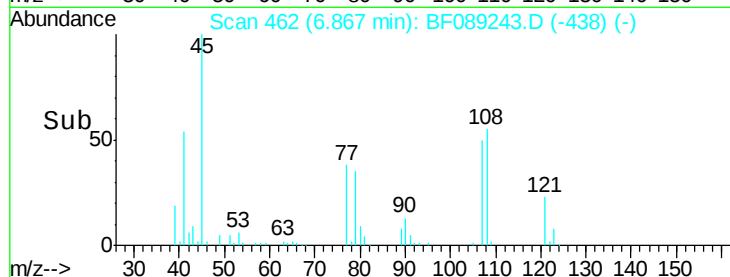
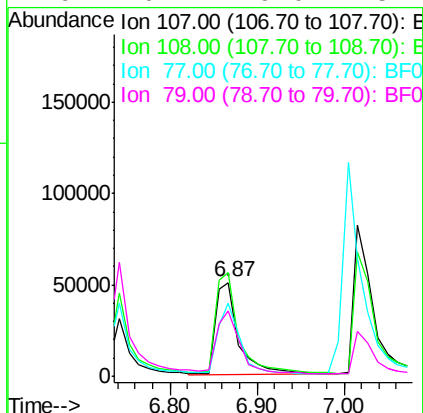
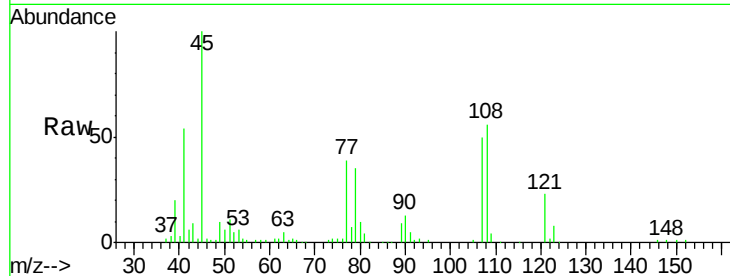




#17
2-Methylphenol
Concen: 37.34 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF089243.D
Acq: 23 Jul 2016 18:12

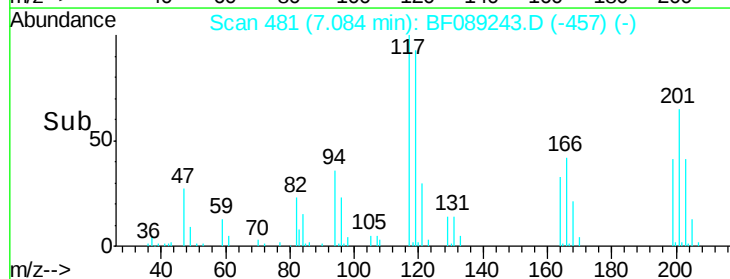
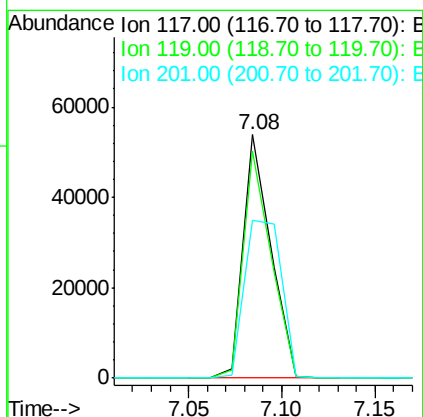
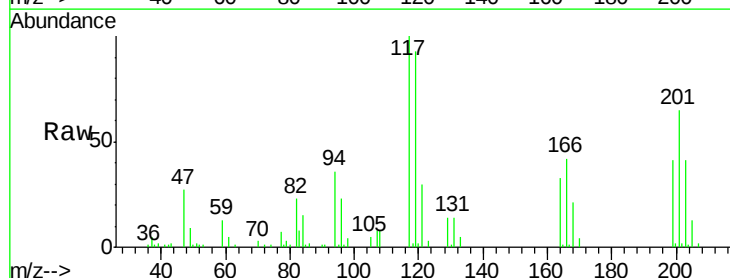
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

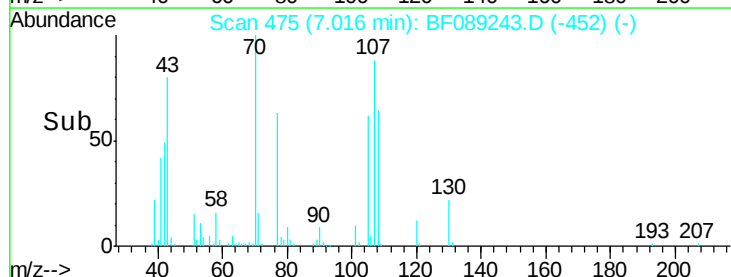
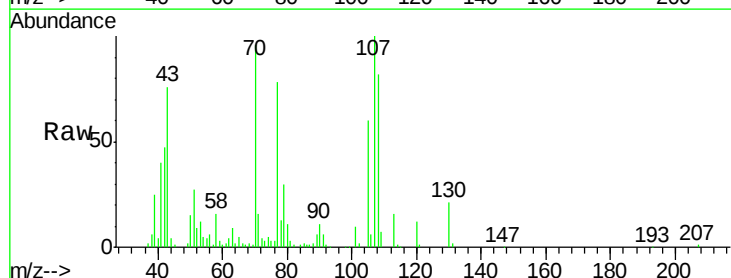
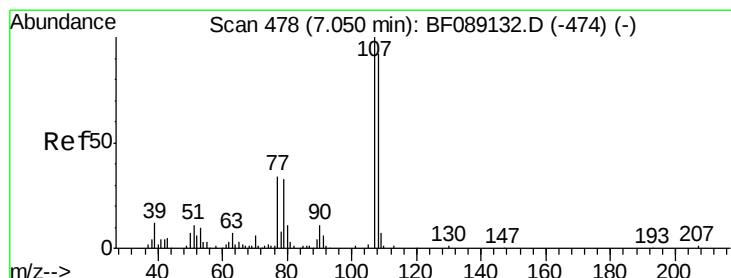
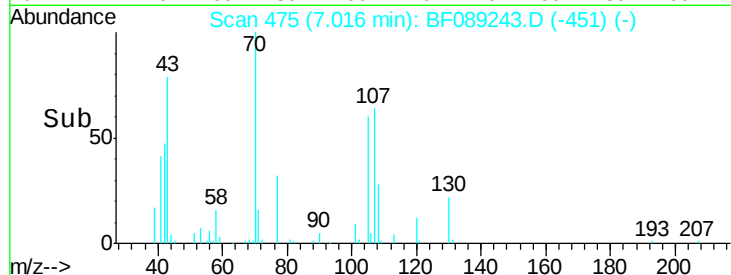
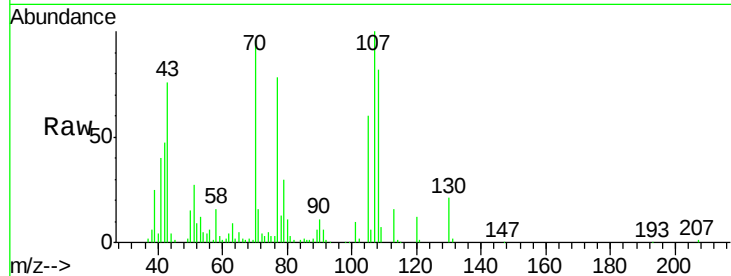
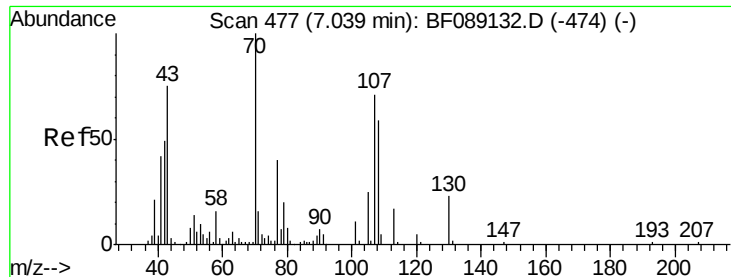
Tgt Ion:107 Resp: 96299
Ion Ratio Lower Upper
107 100
108 111.4 89.4 134.2
77 78.5 53.4 80.0
79 70.2 49.0 73.4



#18
Hexachloroethane
Concen: 40.52 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF089243.D
Acq: 23 Jul 2016 18:12

Tgt Ion:117 Resp: 55463
Ion Ratio Lower Upper
117 100
119 93.4 74.5 111.7
201 64.7 51.8 77.6

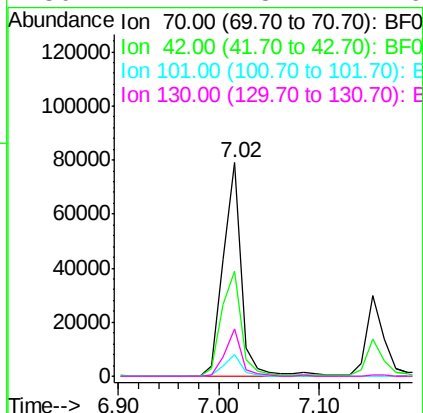




#19
n-Nitroso-di-n-propylamine
Concen: 40.47 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF089243.D
Acq: 23 Jul 2016 18:12

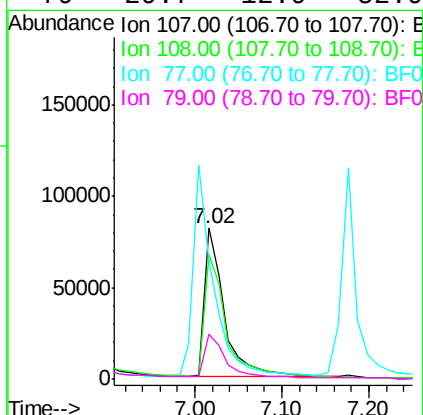
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

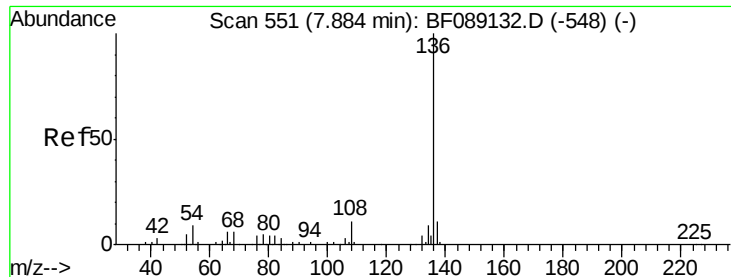
Tgt Ion: 70 Resp: 100715
Ion Ratio Lower Upper
70 100
42 49.1 39.2 58.8
101 10.0 8.5 12.7
130 22.1 18.4 27.6



#20
3+4-Methylphenols
Concen: 36.81 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.03 min
Lab File: BF089243.D
Acq: 23 Jul 2016 18:12

Tgt Ion: 107 Resp: 128887
Ion Ratio Lower Upper
107 100
108 82.4 72.5 112.5
77 78.4 17.7 57.7#
79 29.7 12.9 52.9

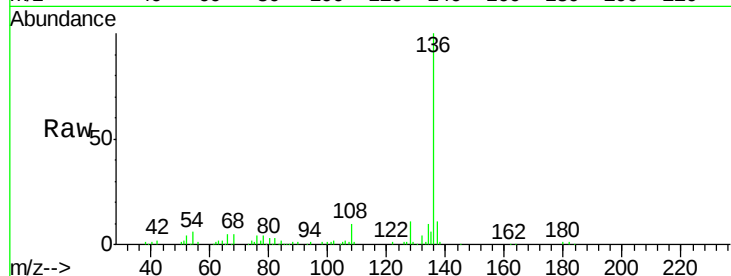




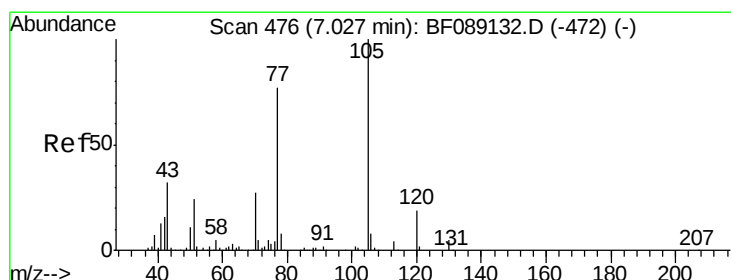
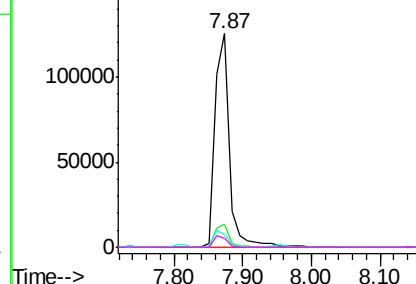
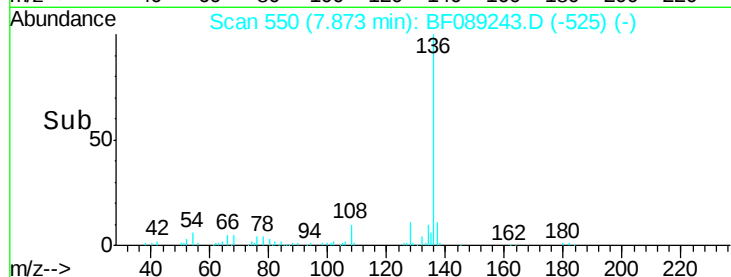
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF089243.D
Acq: 23 Jul 2016 18:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	136	Resp:	185976
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	5.7	7.0	10.4#
68	4.5	5.0	7.6#

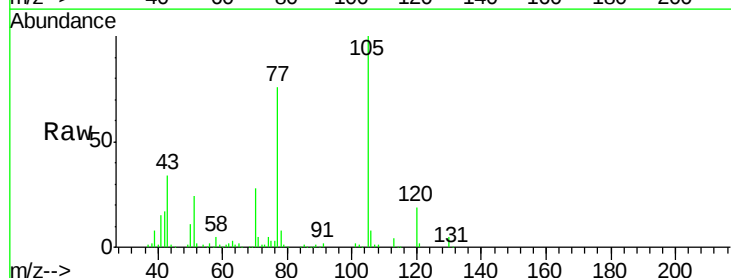


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

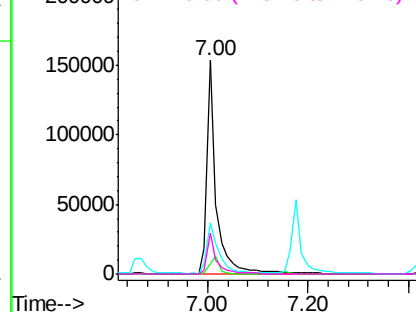
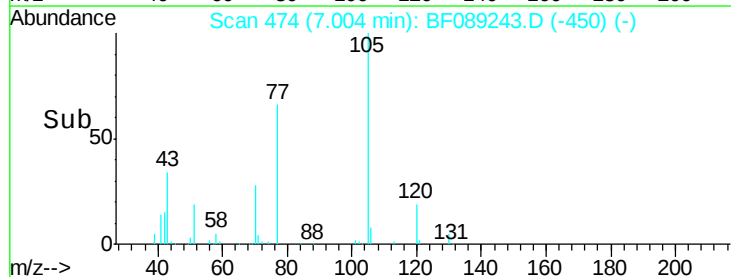


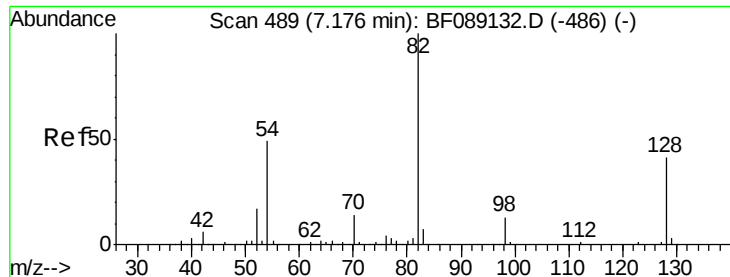
#22
Acetophenone
Concen: 40.30 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF089243.D
Acq: 23 Jul 2016 18:12

Tgt Ion:	105	Resp:	200129
Ion	Ratio	Lower	Upper
105	100		
71	4.7	3.8	5.6
51	24.1	19.6	29.4
120	19.3	15.5	23.3



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

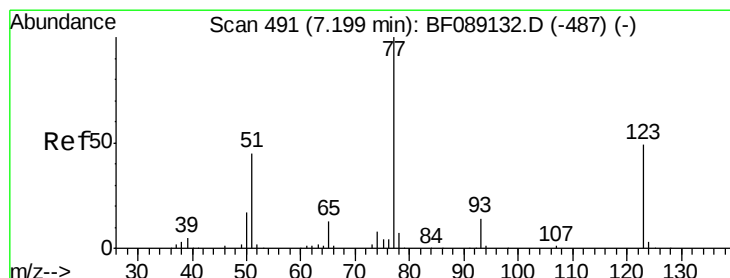
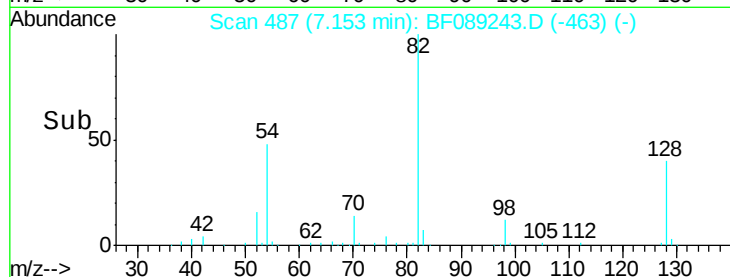
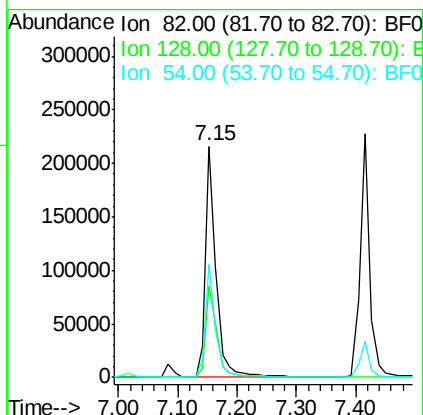
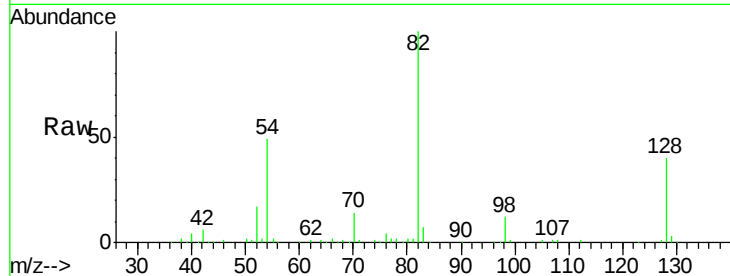




#23
Nitrobenzene-d5
Concen: 79.55 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF089243.D
Acq: 23 Jul 2016 18:12

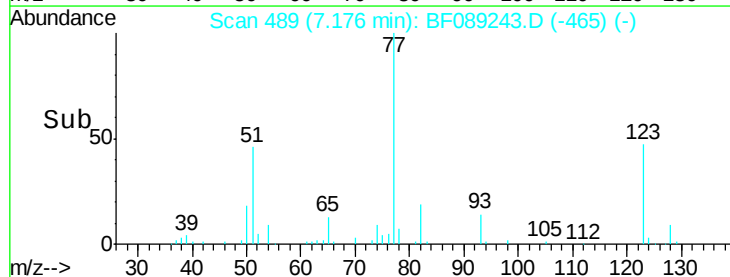
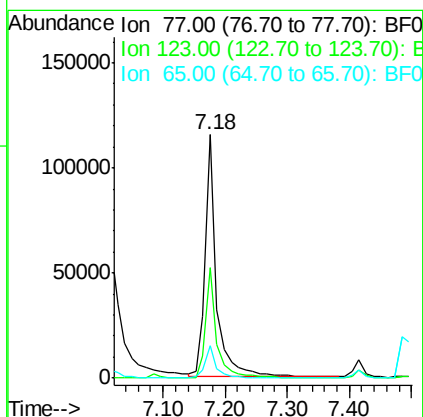
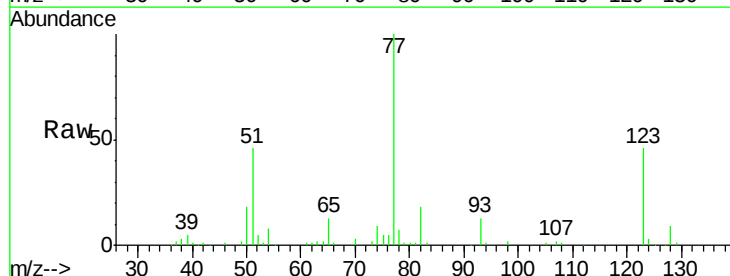
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

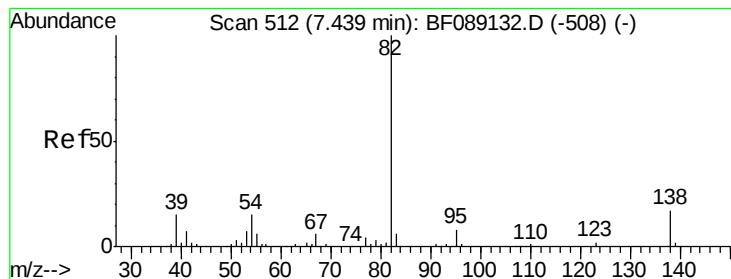
Tgt Ion: 82 Resp: 278421
Ion Ratio Lower Upper
82 100
128 39.8 33.0 49.6
54 48.8 39.0 58.4



#24
Nitrobenzene
Concen: 39.77 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF089243.D
Acq: 23 Jul 2016 18:12

Tgt Ion: 77 Resp: 146804
Ion Ratio Lower Upper
77 100
123 45.6 38.9 58.3
65 13.2 10.6 15.8





#25

Isophorone

Concen: 41.04 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

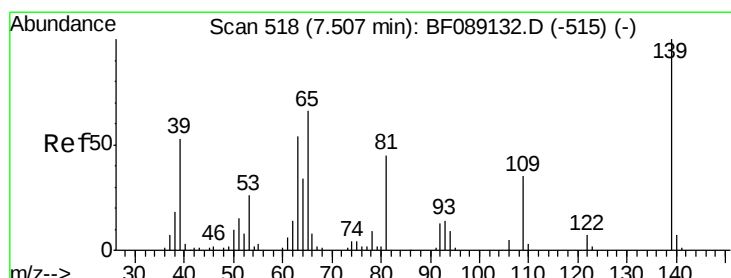
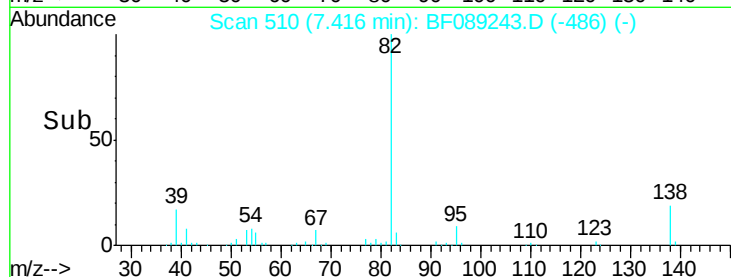
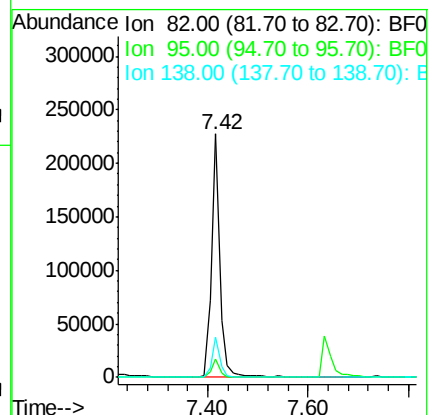
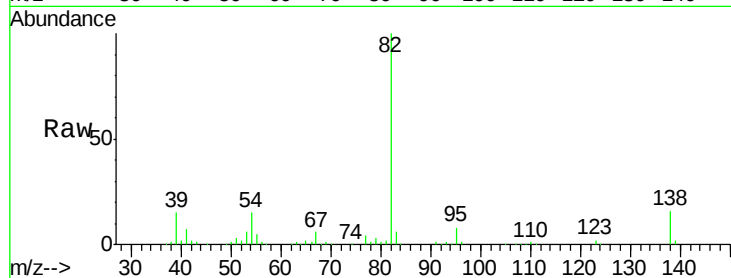
Tgt Ion: 82 Resp: 264719

Ion Ratio Lower Upper

82 100

95 7.7 6.1 9.1

138 16.4 13.6 20.4



#26

2-Nitrophenol

Concen: 37.50 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

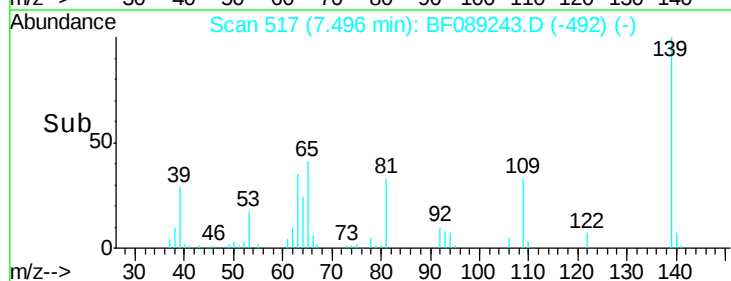
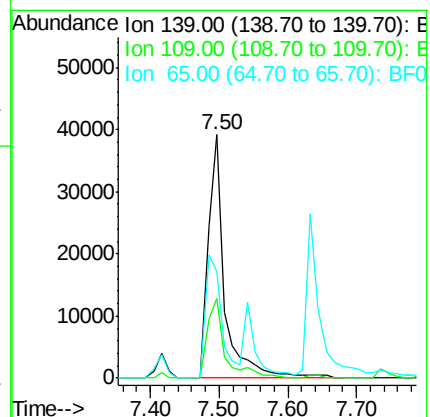
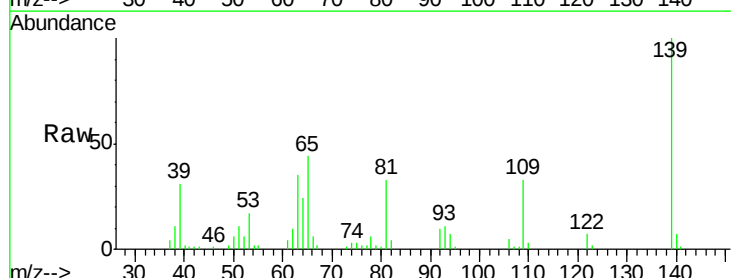
Tgt Ion: 139 Resp: 64568

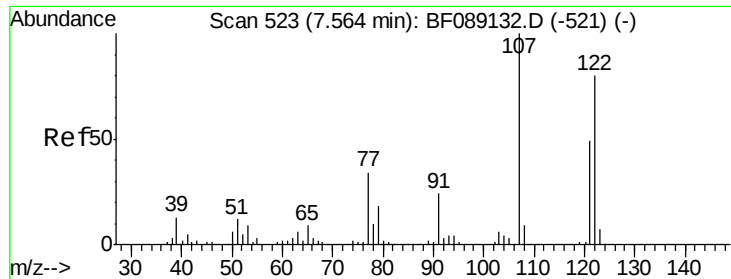
Ion Ratio Lower Upper

139 100

109 32.6 28.1 42.1

65 43.9 52.7 79.1#

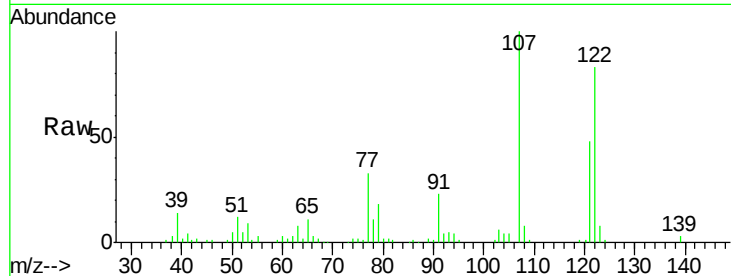




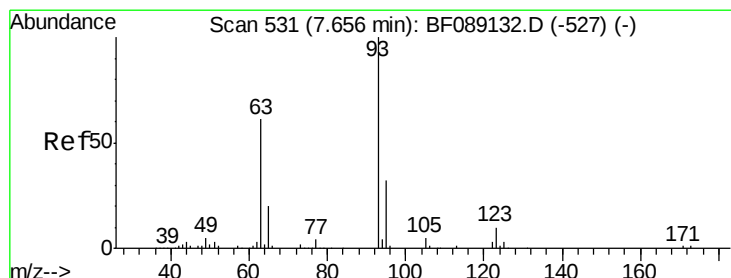
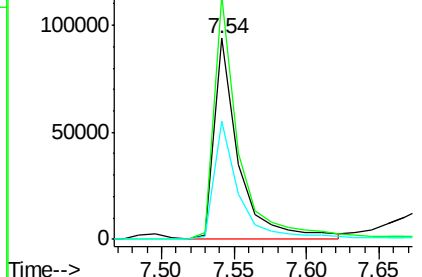
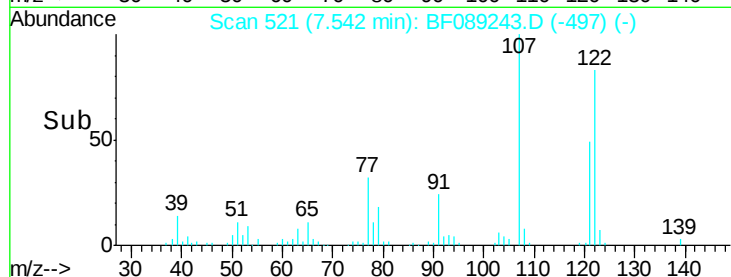
#27
 2,4-Dimethylphenol
 Concen: 37.87 ng
 RT: 7.54 min Scan# 521
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:122 Resp: 109849
 Ion Ratio Lower Upper
 122 100
 107 121.1 99.7 149.5
 121 58.6 48.5 72.7

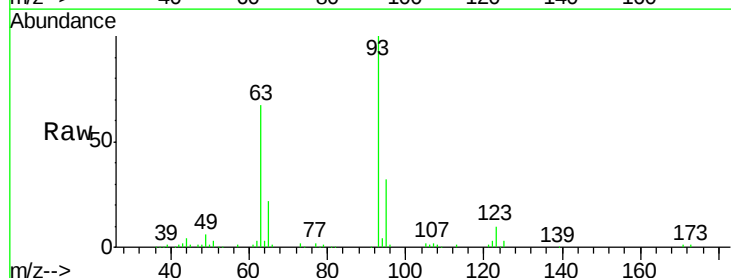


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

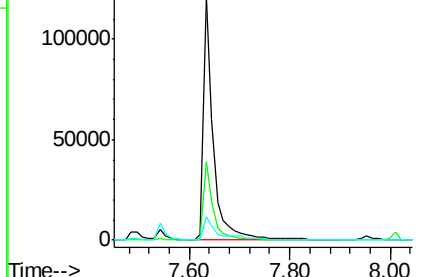
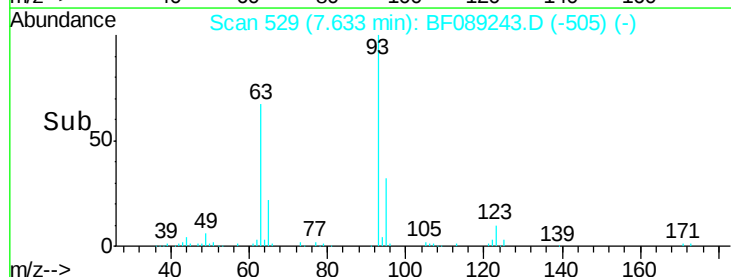


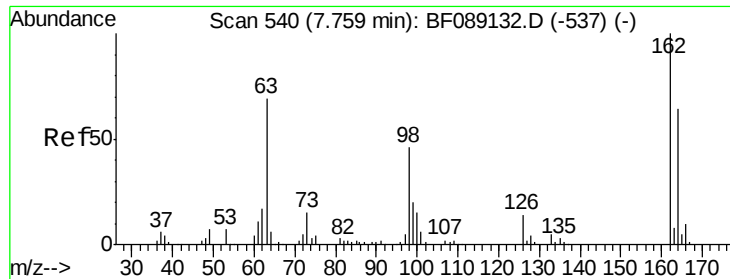
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.28 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Tgt Ion: 93 Resp: 166556
 Ion Ratio Lower Upper
 93 100
 95 32.0 25.4 38.0
 123 9.7 8.3 12.5



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

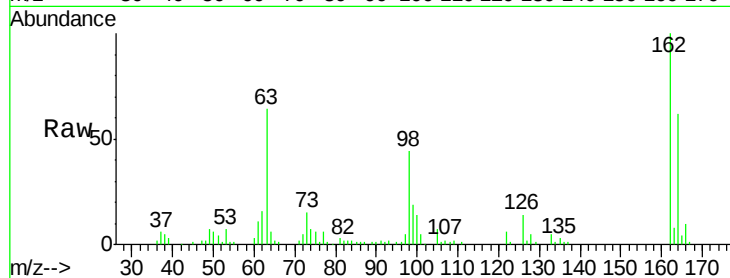




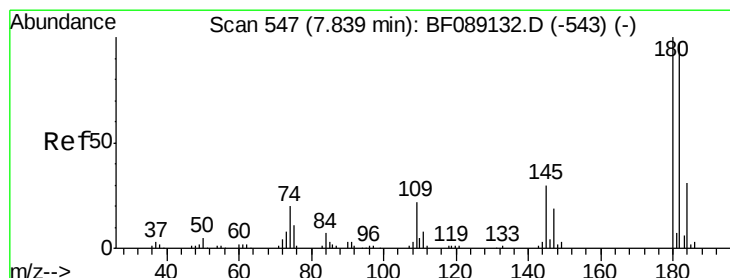
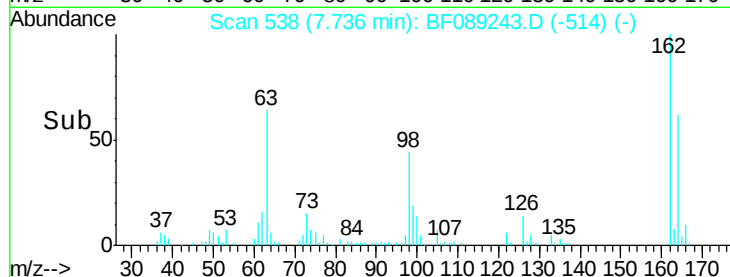
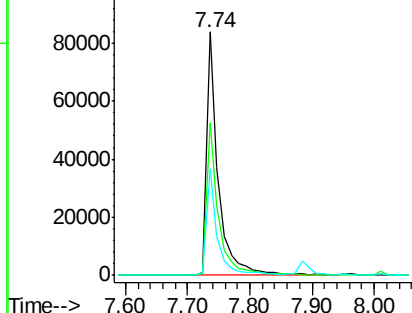
#29
 2,4-Dichlorophenol
 Concen: 41.71 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:162 Resp: 109047
 Ion Ratio Lower Upper
 162 100
 164 62.5 44.0 84.0
 98 43.6 26.0 66.0

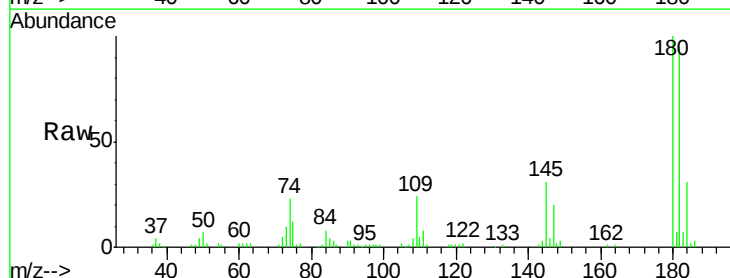


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

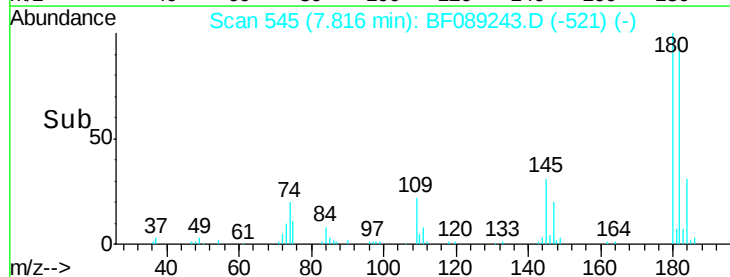
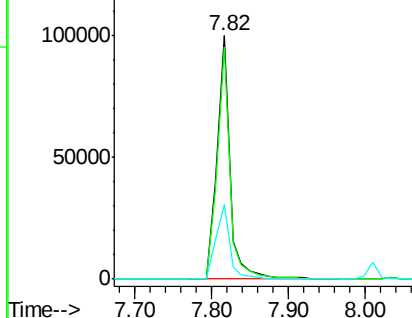


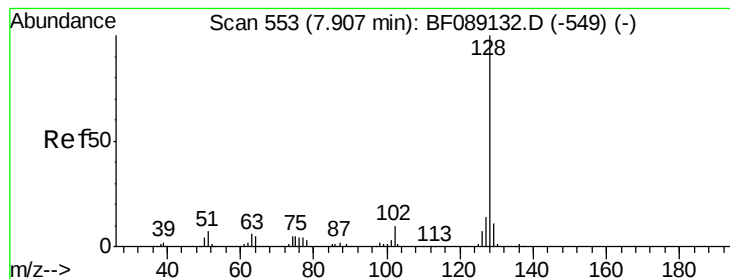
#30
 1,2,4-Trichlorobenzene
 Concen: 40.82 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Tgt Ion:180 Resp: 118117
 Ion Ratio Lower Upper
 180 100
 182 95.3 77.6 116.4
 145 30.7 24.0 36.0



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





#31

Naphthalene

Concen: 39.88 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

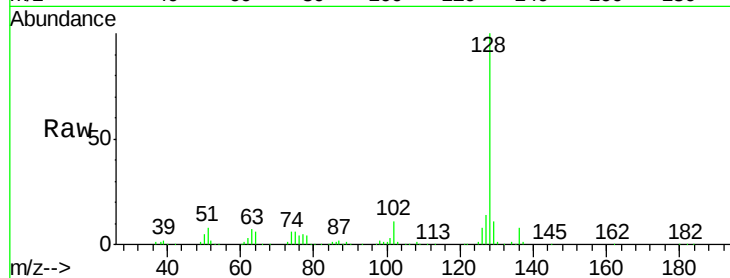
Tgt Ion:128 Resp: 400324

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

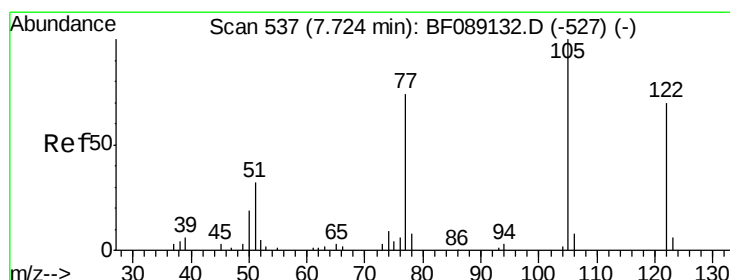
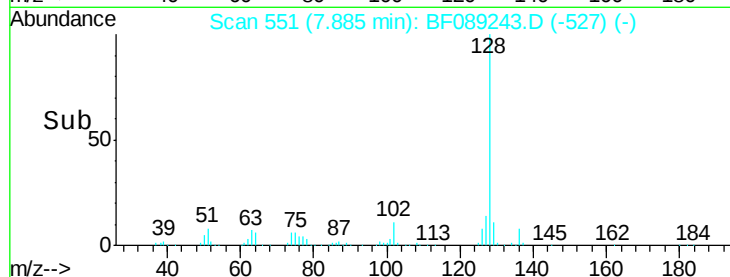
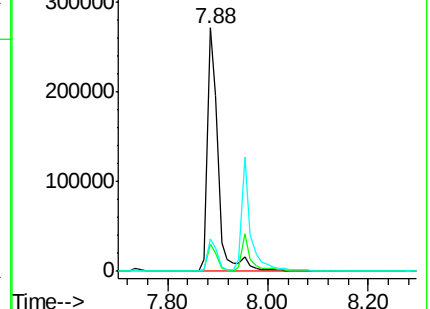
127 13.6 10.8 16.2



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: 34.59 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.02 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

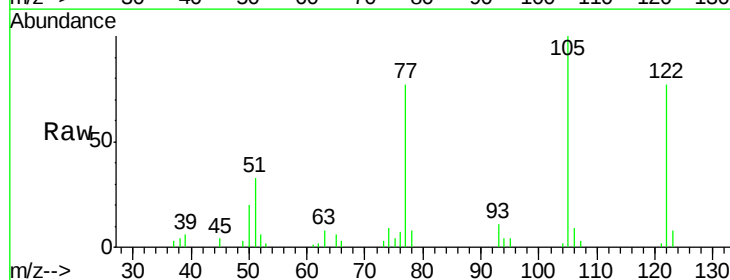
Tgt Ion:122 Resp: 77171

Ion Ratio Lower Upper

122 100

105 130.3 119.0 159.0

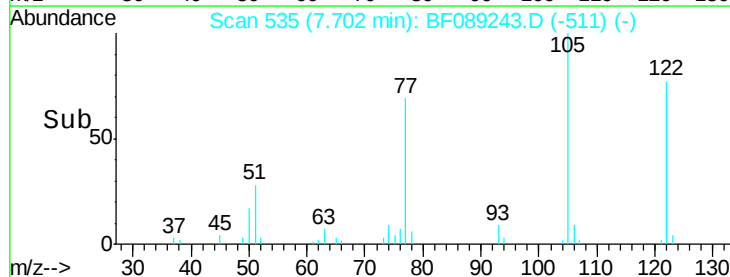
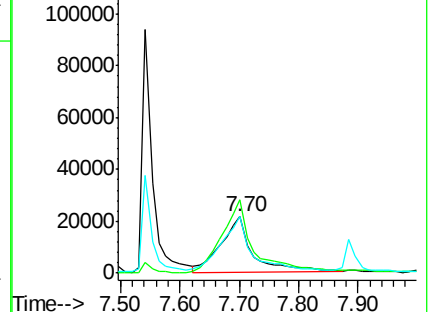
77 100.7 84.7 124.7

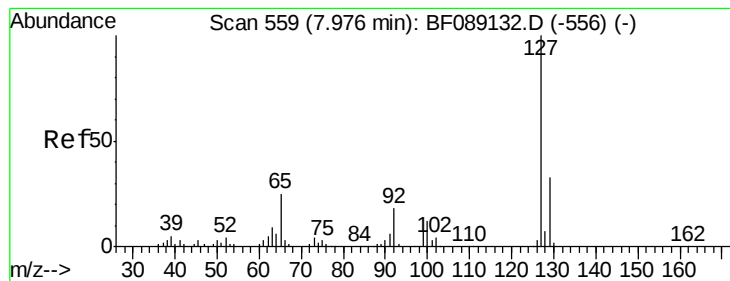


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 39.10 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:127 Resp: 165058

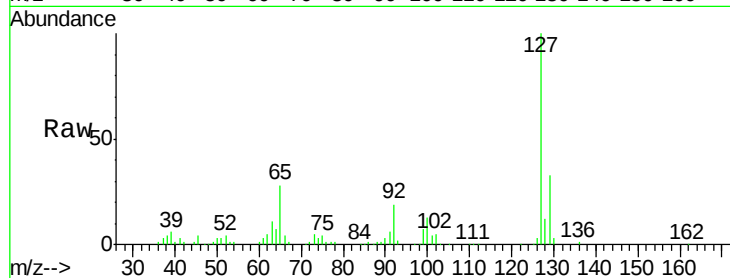
Ion Ratio Lower Upper

127 100

129 32.7 25.9 38.9

65 27.7 19.7 29.5

92 19.5 14.3 21.5

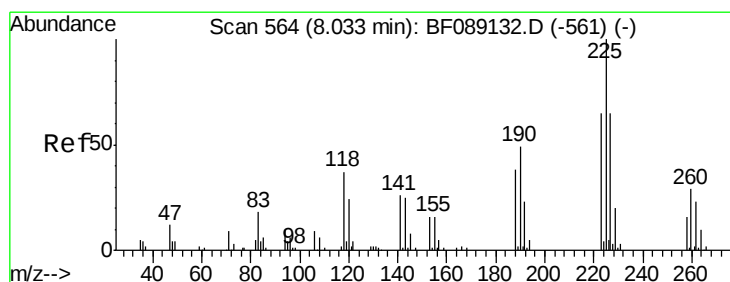
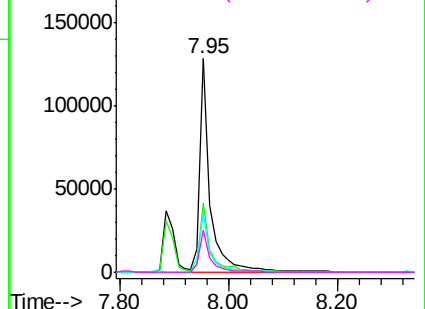
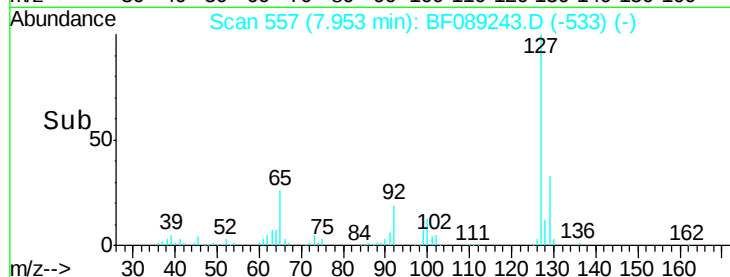


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.29 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.02 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

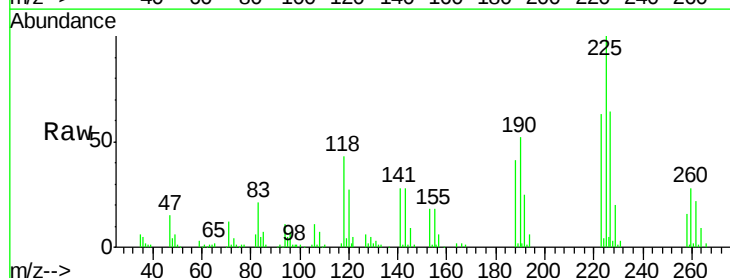
Tgt Ion:225 Resp: 64896

Ion Ratio Lower Upper

225 100

223 63.1 51.6 77.4

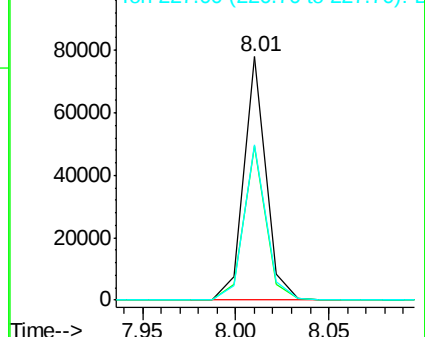
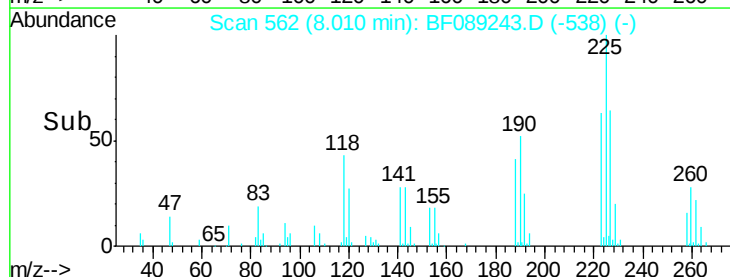
227 63.8 51.6 77.4

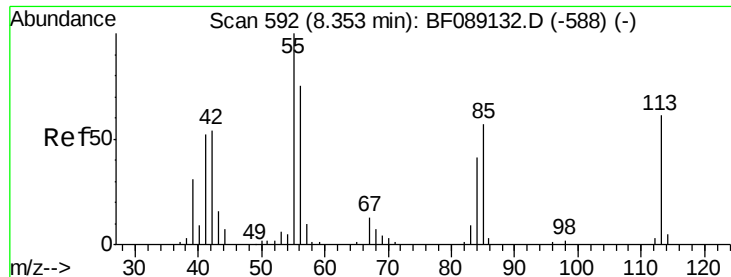


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

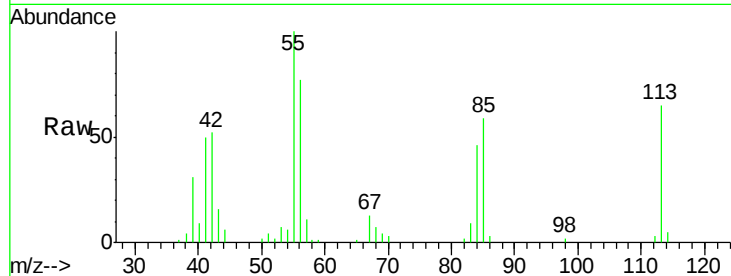




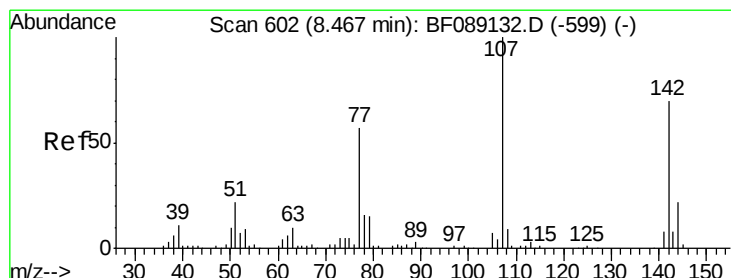
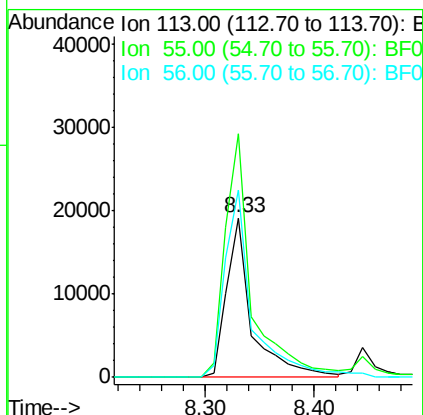
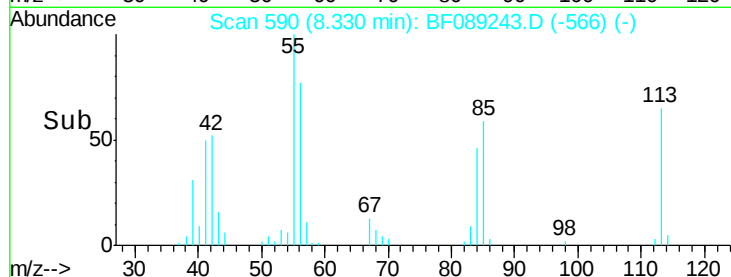
#35
 Caprolactam
 Concen: 38.39 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 31165
 Ion Ratio Lower Upper
 113 100
 55 152.9 145.3 185.3
 56 117.4 104.3 144.3

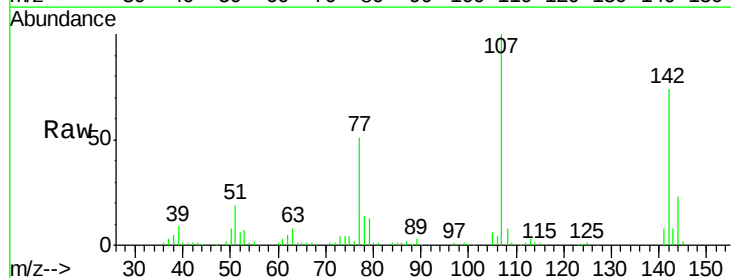


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

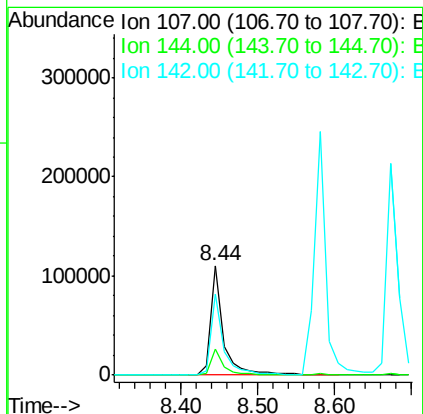
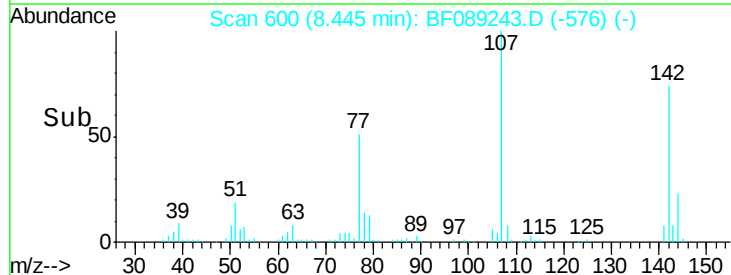


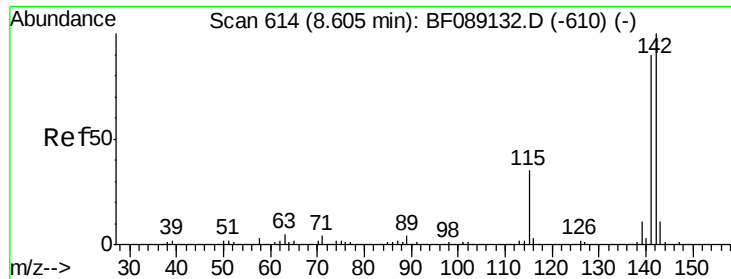
#36
 4-Chloro-3-methylphenol
 Concen: 40.31 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Tgt Ion:107 Resp: 126952
 Ion Ratio Lower Upper
 107 100
 144 23.5 17.8 26.6
 142 74.1 56.1 84.1



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

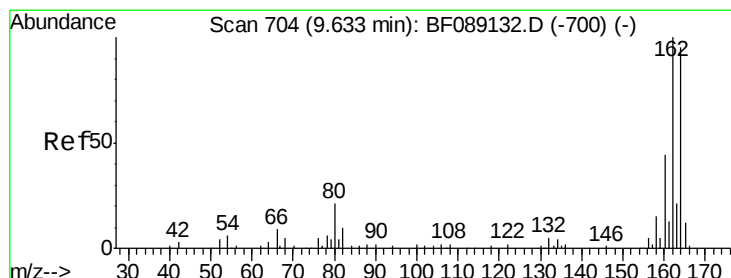
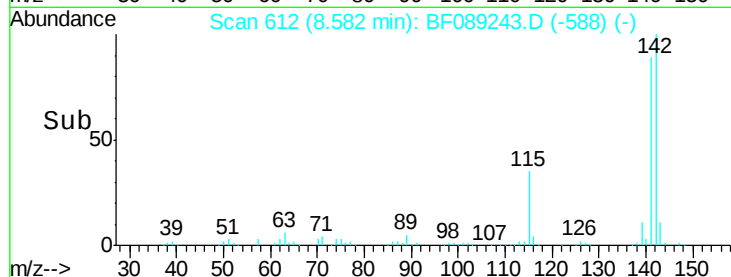
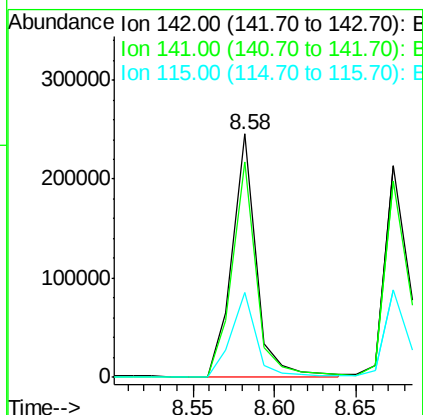
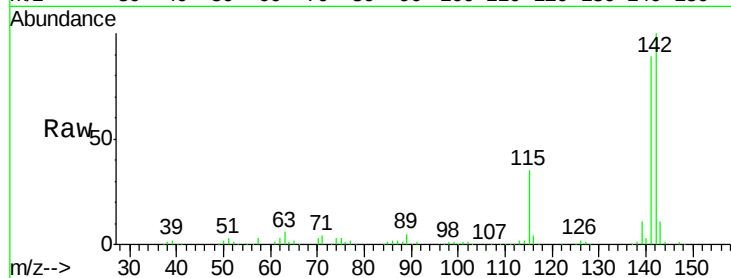




#37
 2-Methylnaphthalene
 Concen: 39.54 ng
 RT: 8.58 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

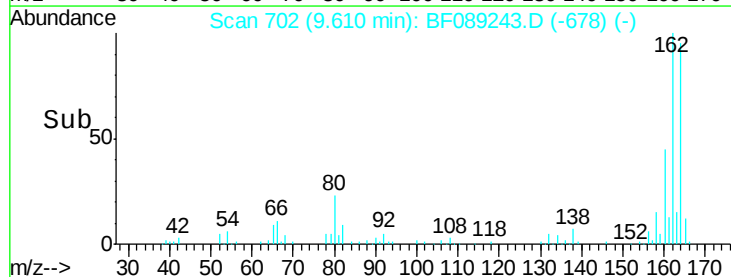
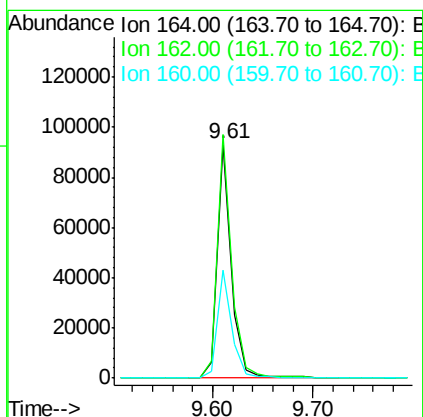
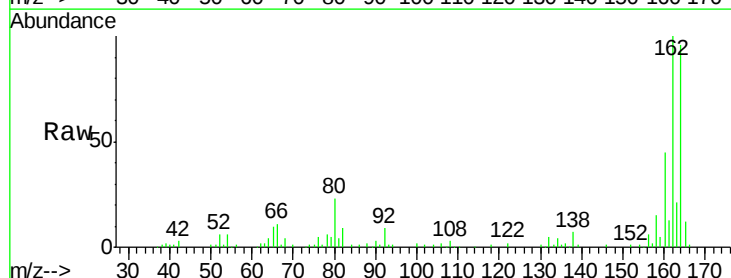
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

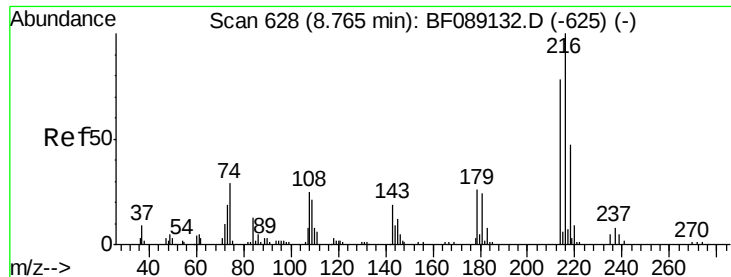
Tgt Ion:142 Resp: 253106
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.6 107.4
 115 34.9 27.6 41.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Tgt Ion:164 Resp: 90725
 Ion Ratio Lower Upper
 164 100
 162 104.0 84.1 126.1
 160 46.3 37.1 55.7

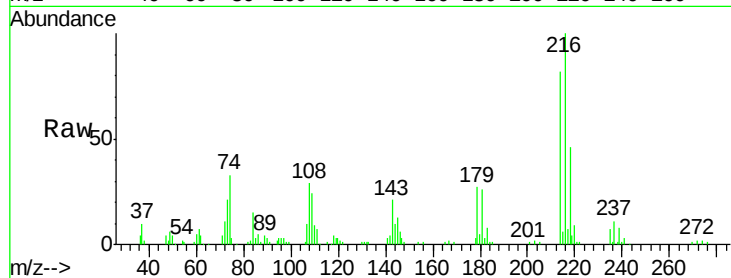




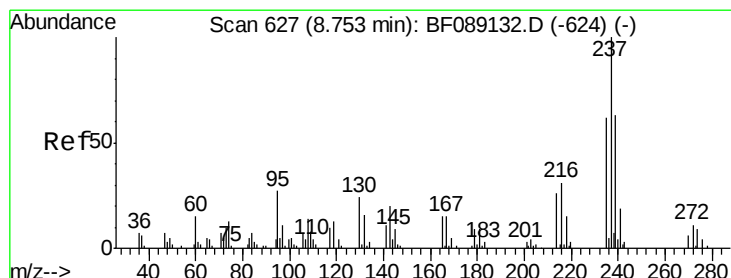
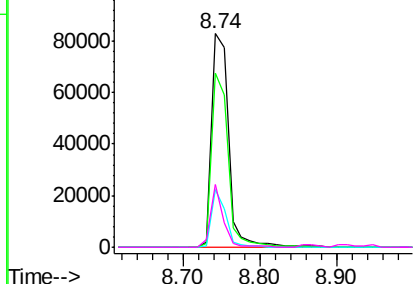
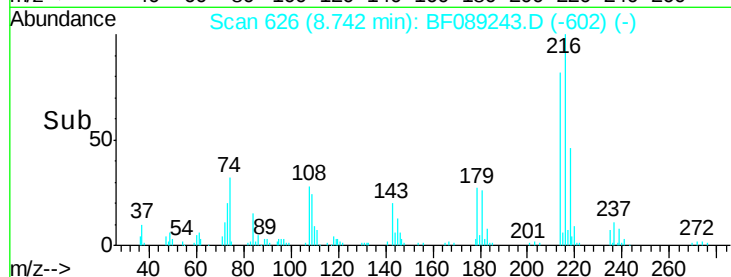
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.57 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	216	Resp:	126670
Ion	Ratio	Lower	Upper
216	100		
214	78.8	61.9	92.9
179	22.8	18.4	27.6
108	21.8	17.0	25.6

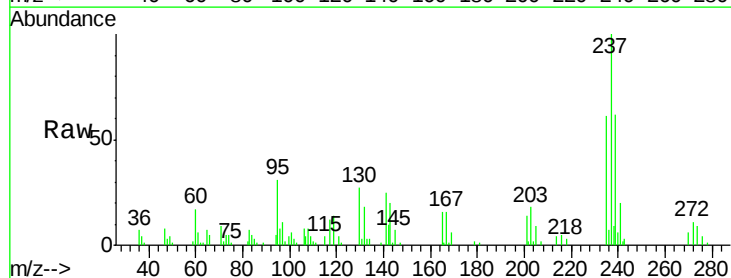


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

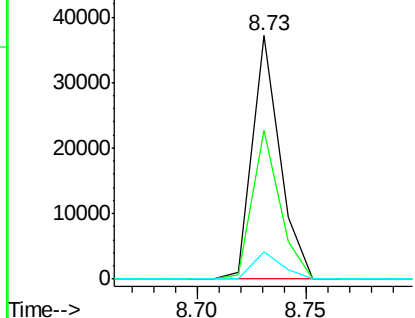
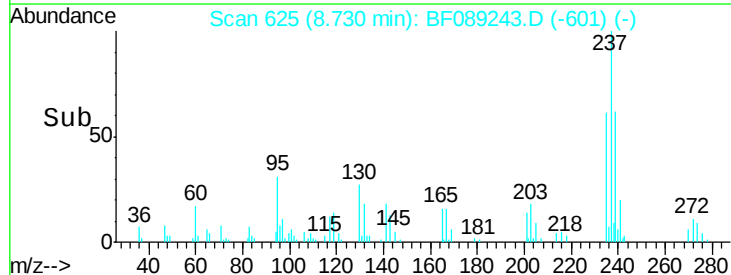


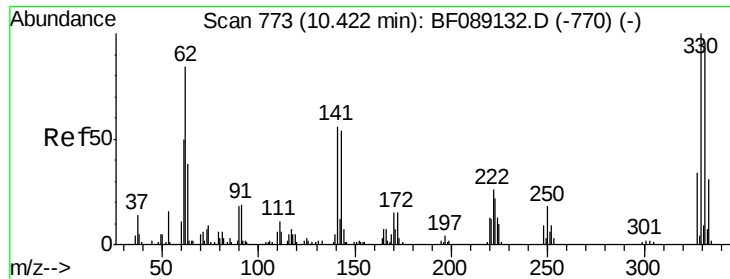
#40
 Hexachlorocyclopentadiene
 Concen: 34.31 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Tgt Ion:	237	Resp:	32643
Ion	Ratio	Lower	Upper
237	100		
235	61.0	42.1	82.1
272	11.2	0.0	31.4



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

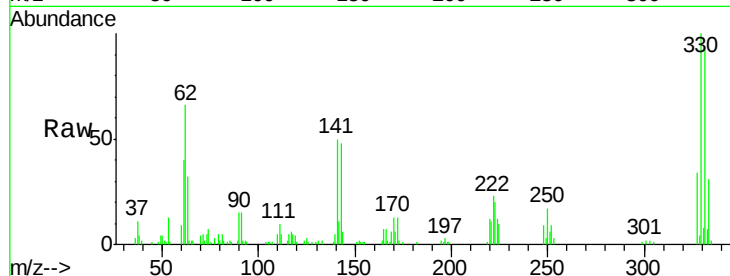




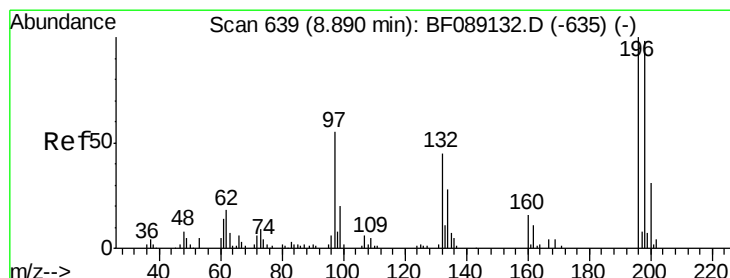
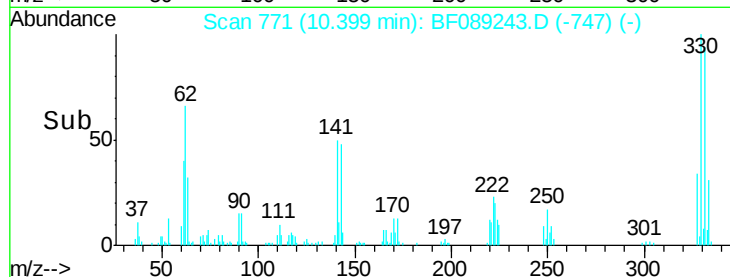
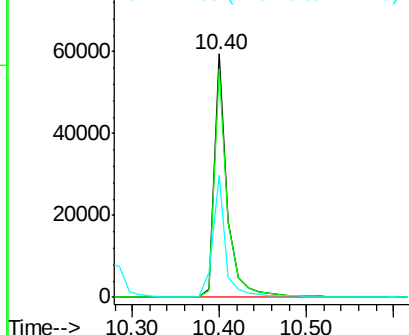
#41
 2,4,6-Tribromophenol
 Concen: 77.03 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040EC

Tgt Ion:330 Resp: 62922
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.2 115.8
 141 50.4 42.2 63.2

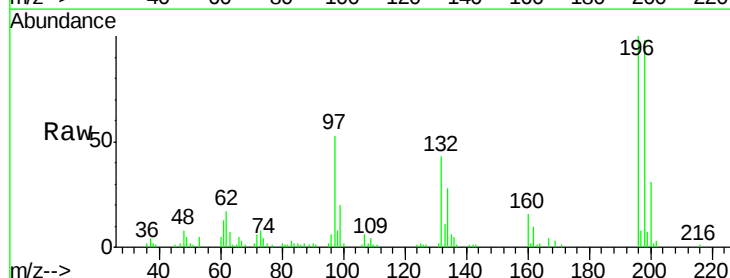


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

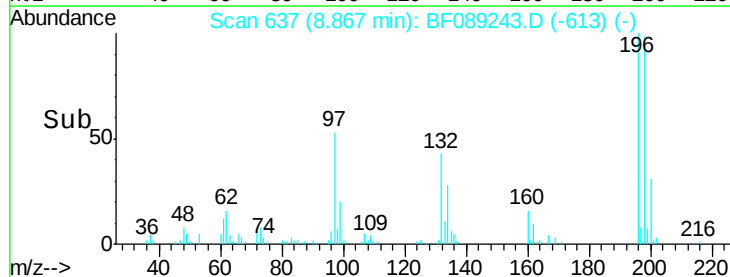
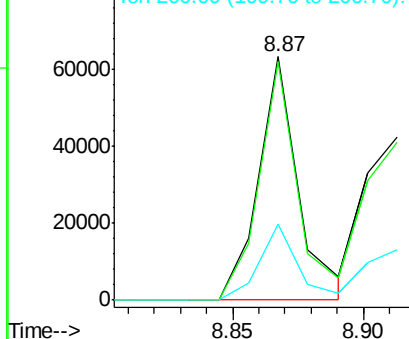


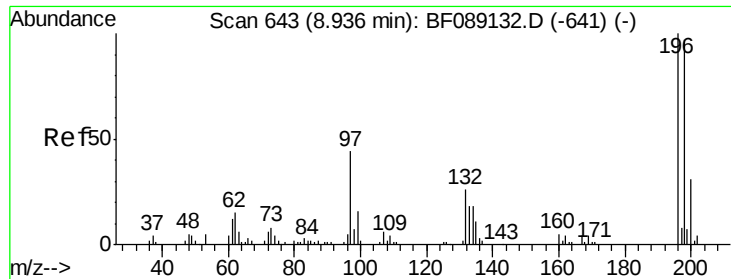
#42
 2,4,6-Trichlorophenol
 Concen: 35.77 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Tgt Ion:196 Resp: 67507
 Ion Ratio Lower Upper
 196 100
 198 98.0 78.3 117.5
 200 31.3 25.0 37.4



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

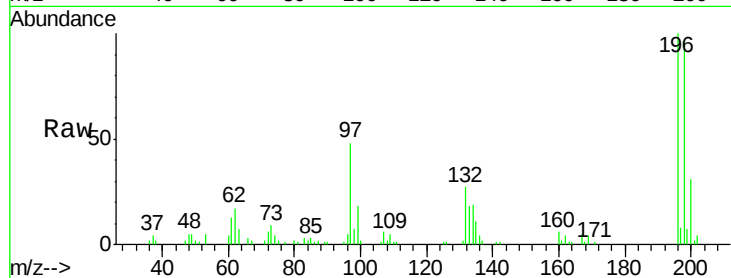




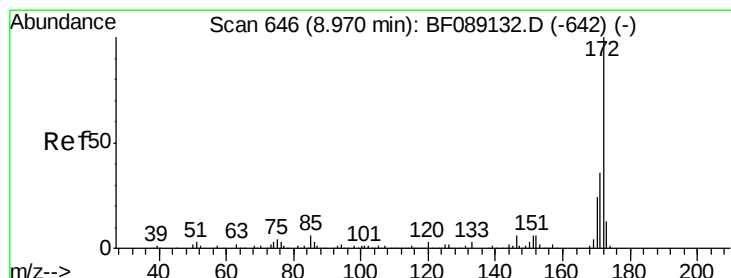
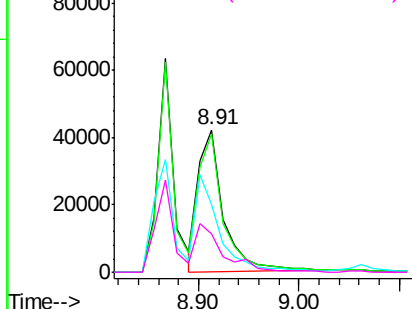
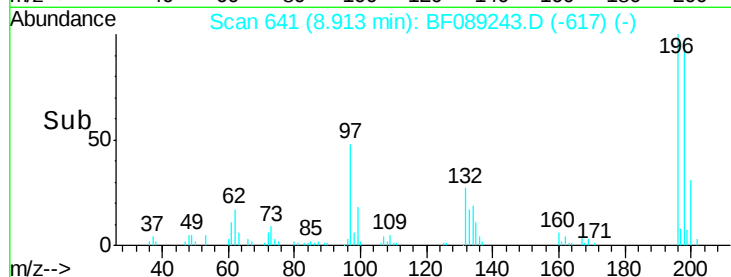
#43
 2,4,5-Trichlorophenol
 Concen: 39.02 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 73916
 Ion Ratio Lower Upper
 196 100
 198 97.3 77.6 116.4
 97 47.6 36.5 54.7
 132 27.4 21.2 31.8

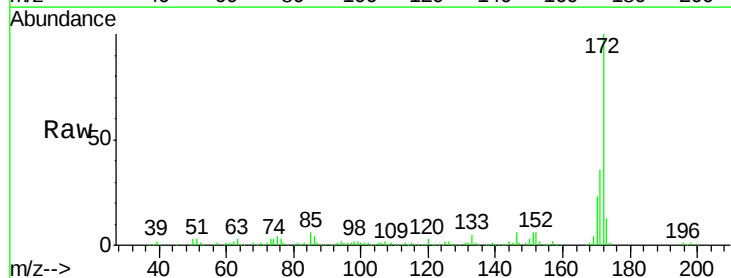


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

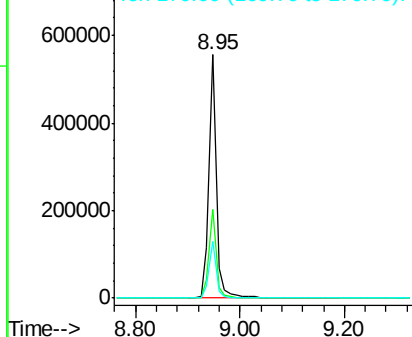
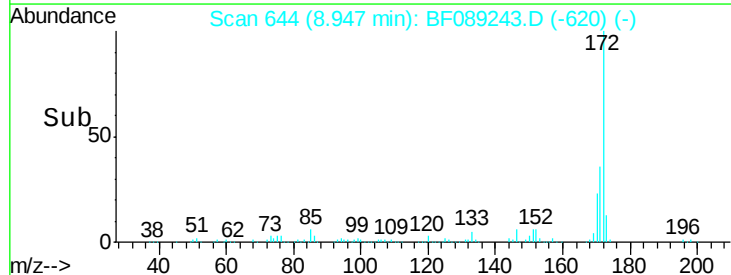


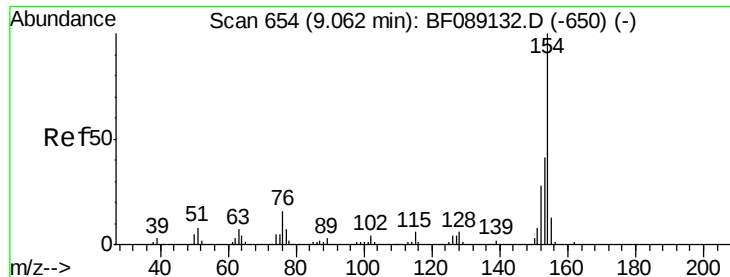
#44
 2-Fluorobiphenyl
 Concen: 82.98 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Tgt Ion:172 Resp: 546398
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.2 43.8
 170 23.5 19.1 28.7



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

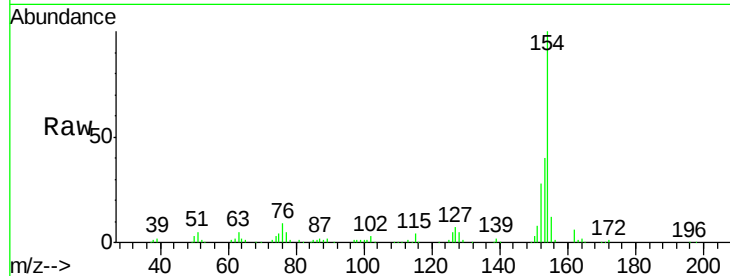




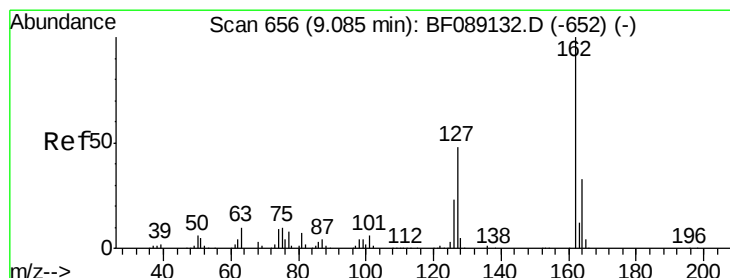
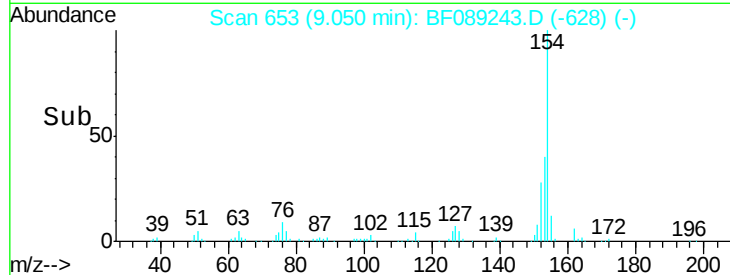
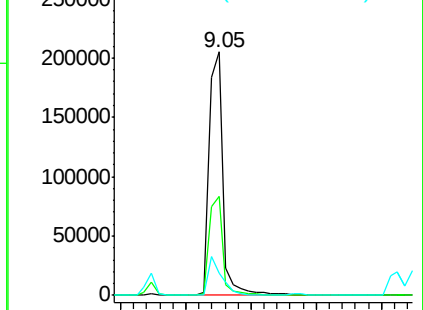
#45
 1,1'-Biphenyl
 Concen: 37.42 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.01 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:154 Resp: 305696
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.1 61.1
 76 9.4 0.0 35.8

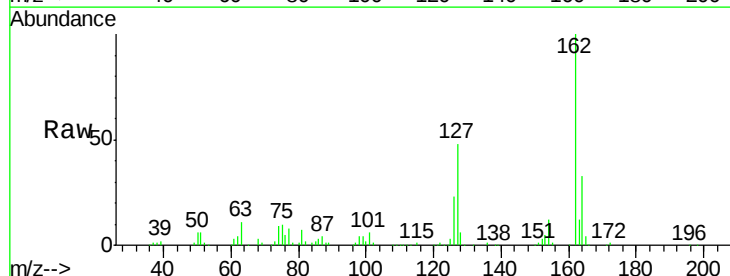


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

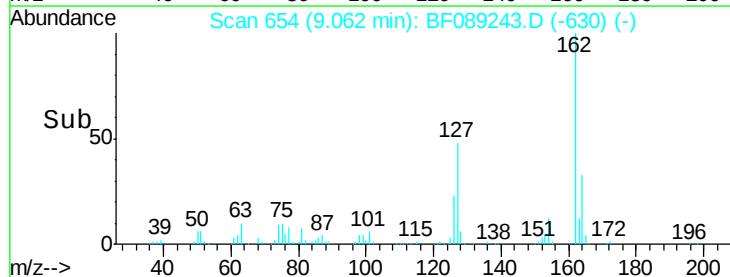
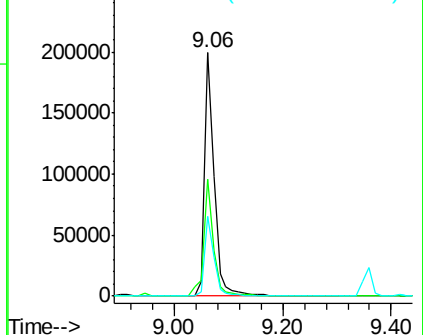


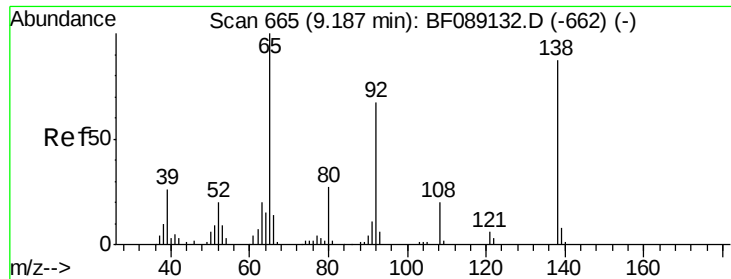
#46
 2-Chloronaphthalene
 Concen: 39.10 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Tgt Ion:162 Resp: 242737
 Ion Ratio Lower Upper
 162 100
 127 48.0 38.1 57.1
 164 32.7 26.1 39.1



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.48 ng

RT: 9.18 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

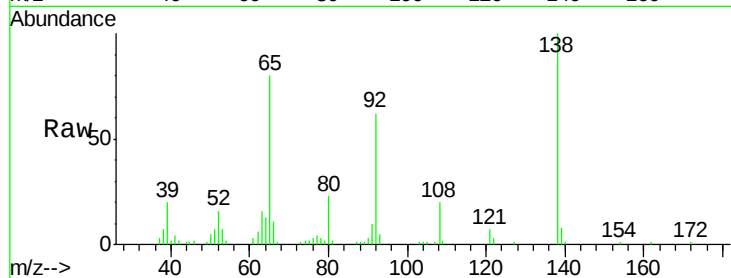
Tgt Ion: 65 Resp: 77693

Ion Ratio Lower Upper

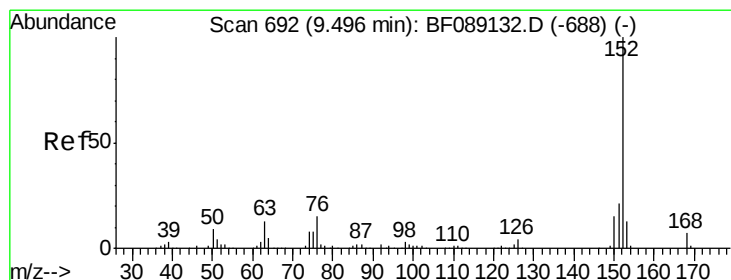
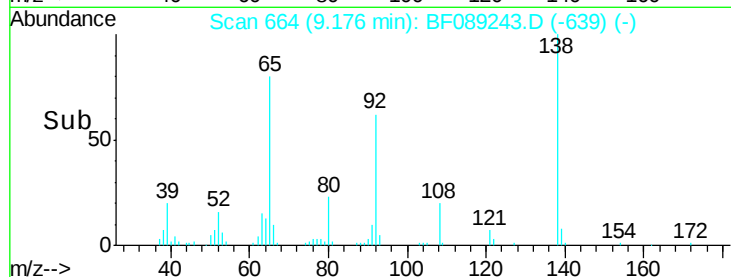
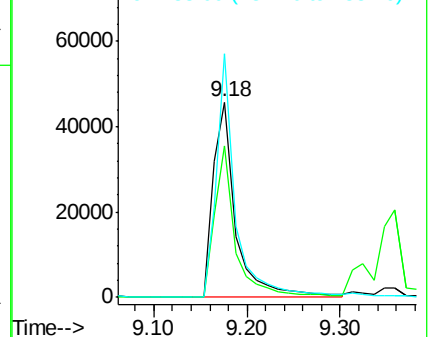
65 100

92 77.2 53.2 79.8

138 124.5 69.4 104.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 38.86 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.02 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

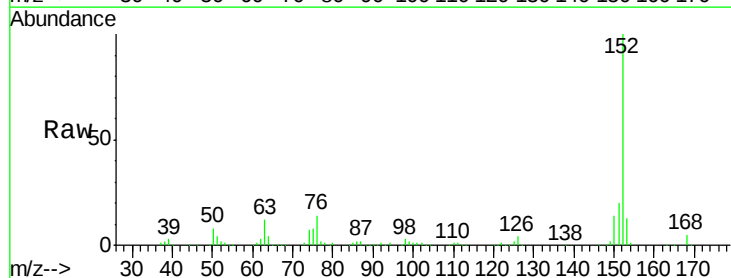
Tgt Ion: 152 Resp: 379331

Ion Ratio Lower Upper

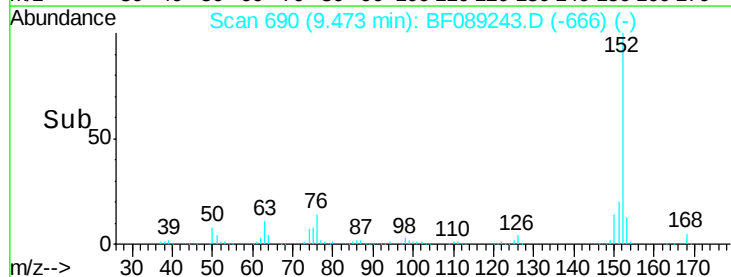
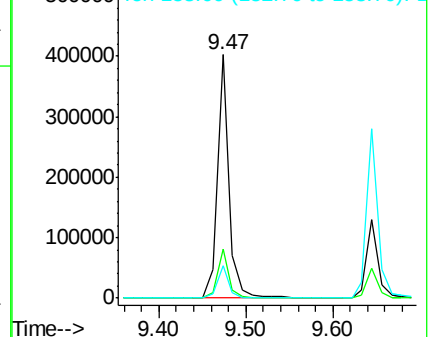
152 100

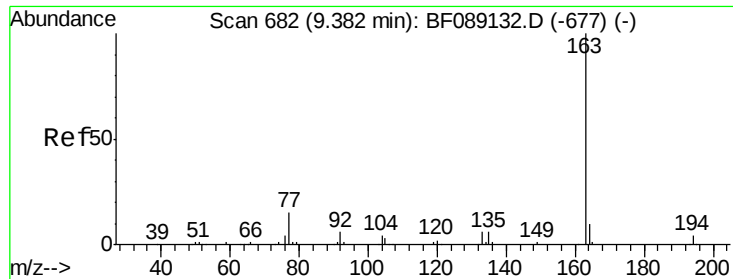
151 20.4 16.5 24.7

153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

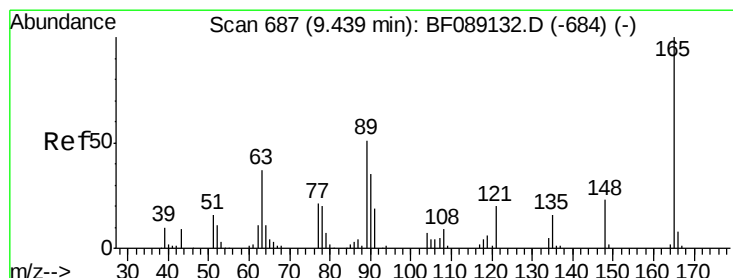
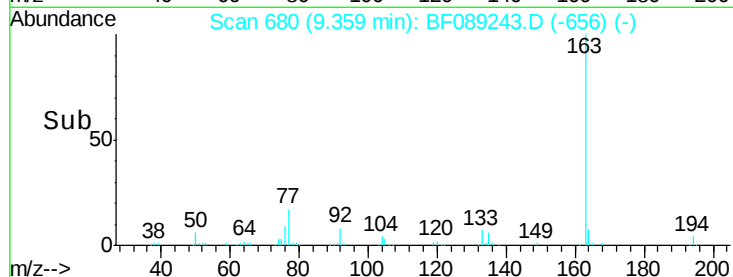
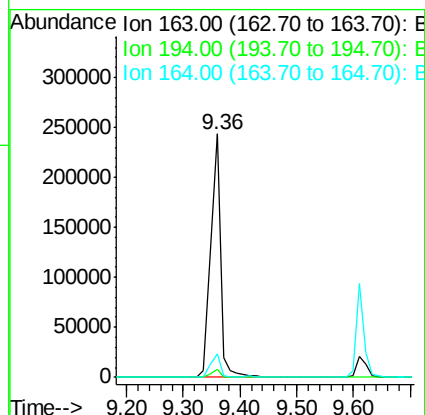
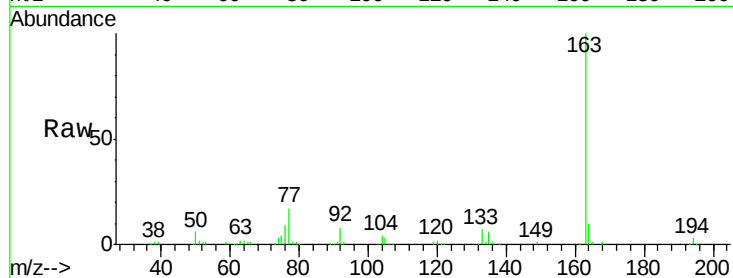




#49
Dimethylphthalate
Concen: 40.28 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089243.D
Acq: 23 Jul 2016 18:12

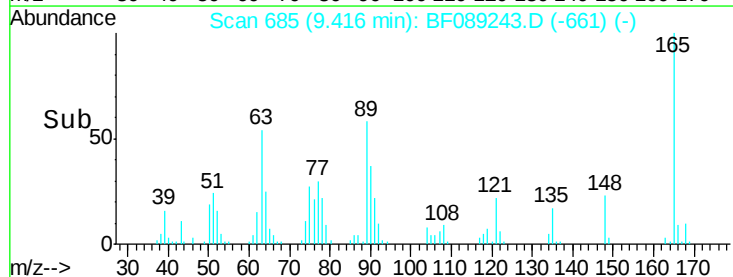
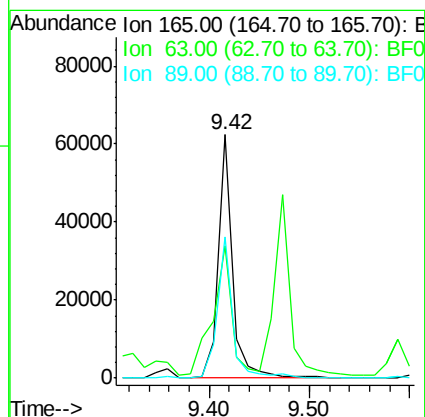
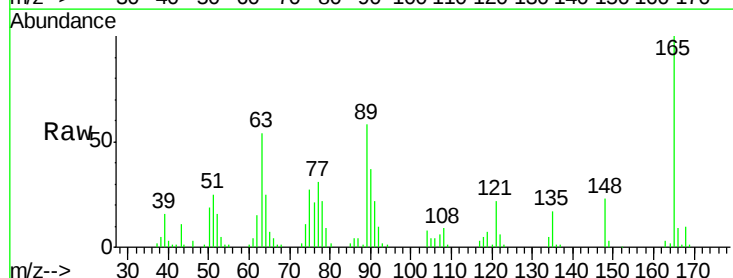
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

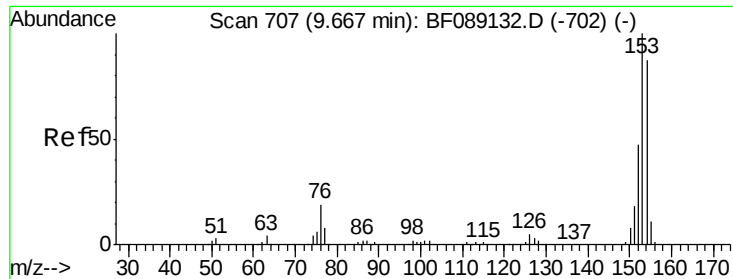
Tgt Ion:163 Resp: 280455
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 9.7 7.6 11.4



#50
2,6-Dinitrotoluene
Concen: 39.19 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF089243.D
Acq: 23 Jul 2016 18:12

Tgt Ion:165 Resp: 61594
Ion Ratio Lower Upper
165 100
63 54.2 37.0 55.4
89 58.0 40.9 61.3





#51

Acenaphthene

Concen: 37.95 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

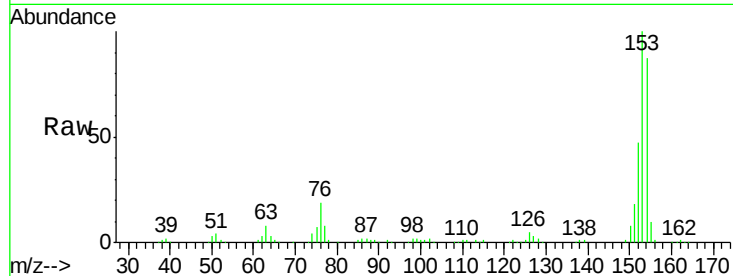
Tgt Ion:154 Resp: 219105

Ion Ratio Lower Upper

154 100

153 114.3 91.9 137.9

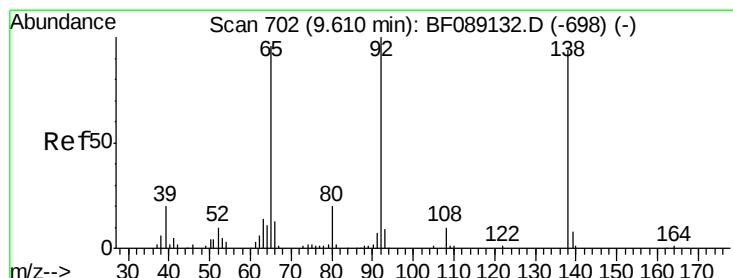
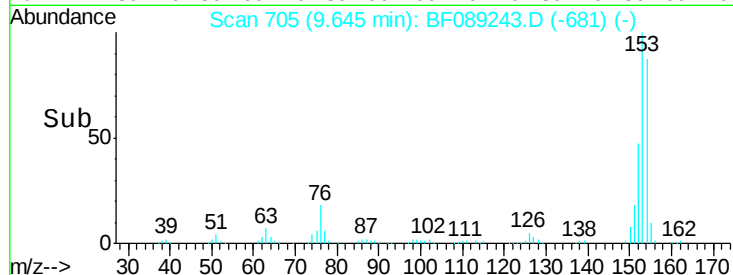
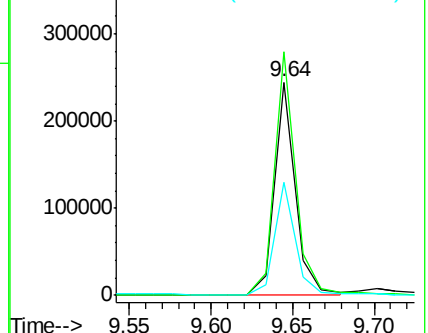
152 53.3 42.8 64.2



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: 38.01 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

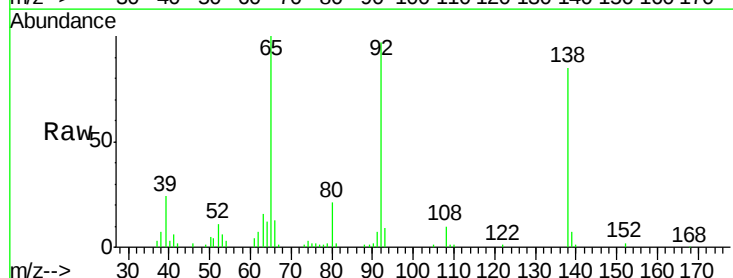
Tgt Ion:138 Resp: 70957

Ion Ratio Lower Upper

138 100

108 11.2 8.8 13.2

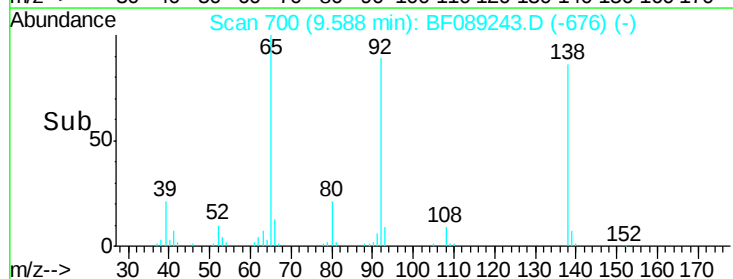
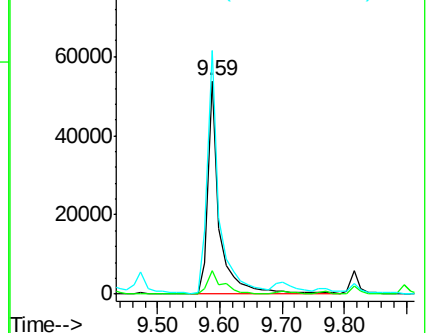
92 114.3 85.3 127.9

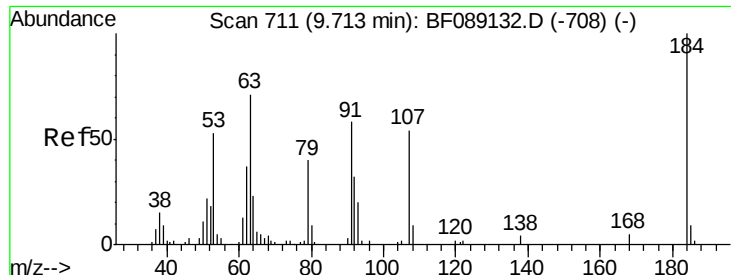


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

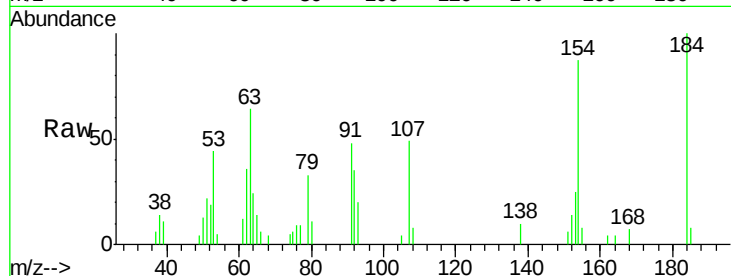




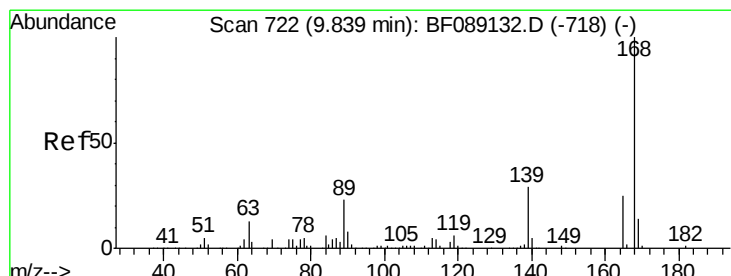
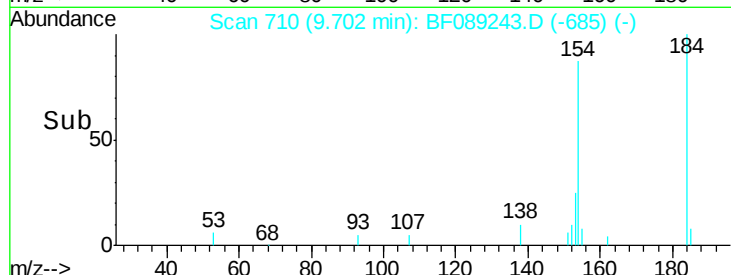
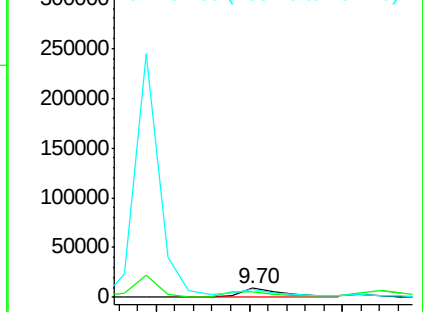
#53
2,4-Dinitrophenol
Concen: 25.94 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF089243.D
Acq: 23 Jul 2016 18:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 15620
Ion Ratio Lower Upper
184 100
63 63.9 60.3 90.5
154 87.2 60.7 91.1

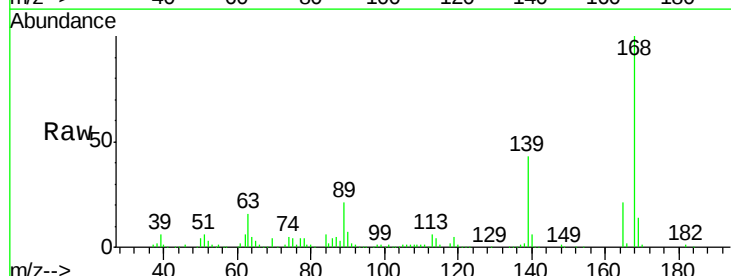


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

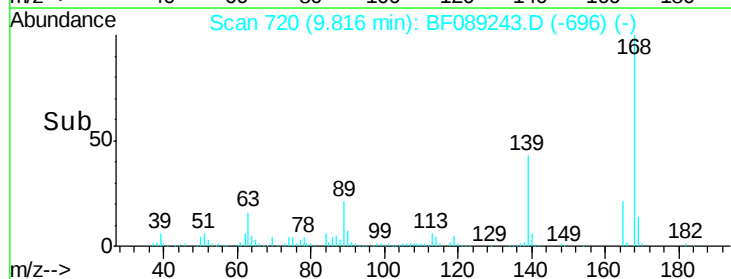
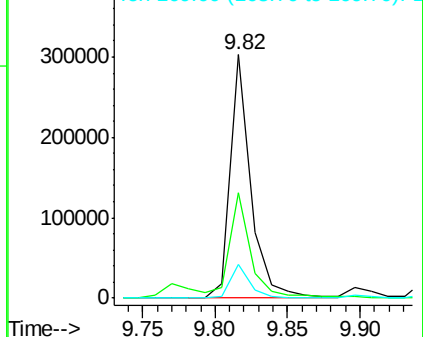


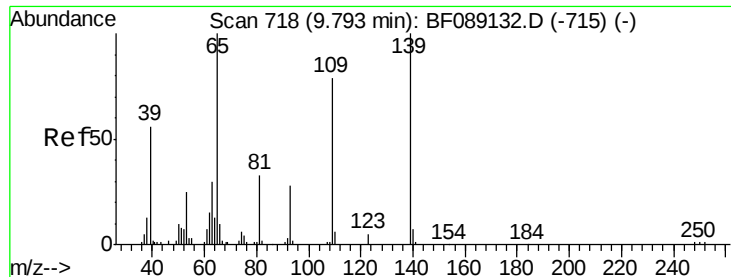
#54
Dibenzofuran
Concen: 38.26 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF089243.D
Acq: 23 Jul 2016 18:12

Tgt Ion:168 Resp: 298480
Ion Ratio Lower Upper
168 100
139 43.4 34.4 51.6
169 13.6 10.8 16.2



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

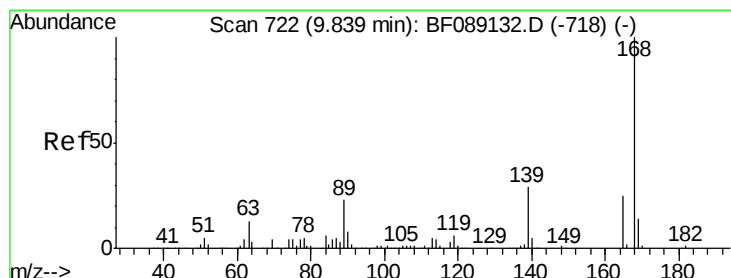
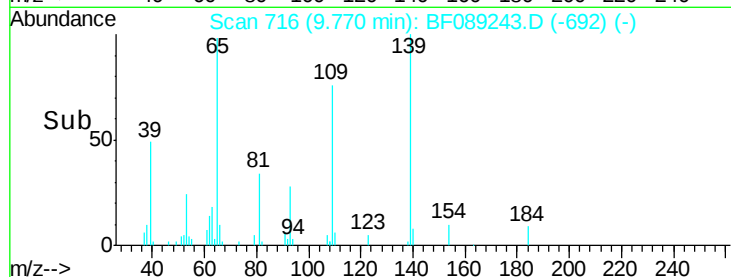
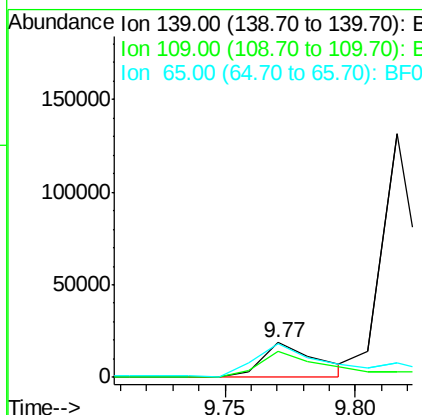
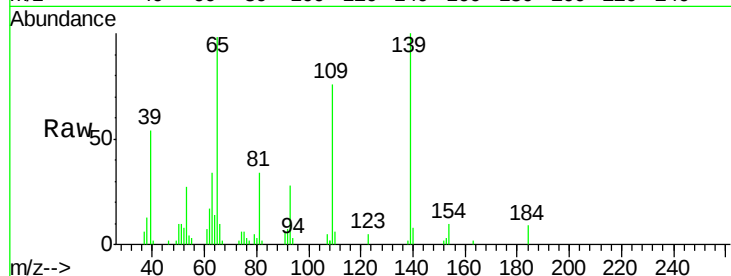




#55
4-Nitrophenol
Concen: 24.33 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.02 min
Lab File: BF089243.D
Acq: 23 Jul 2016 18:12

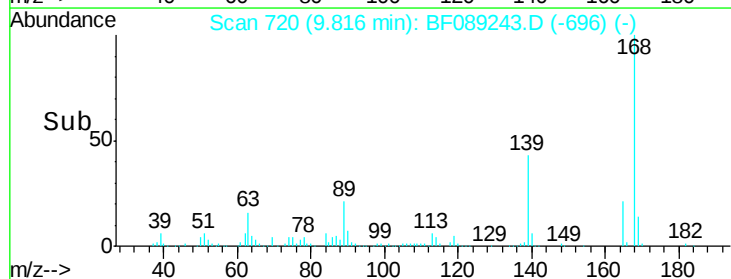
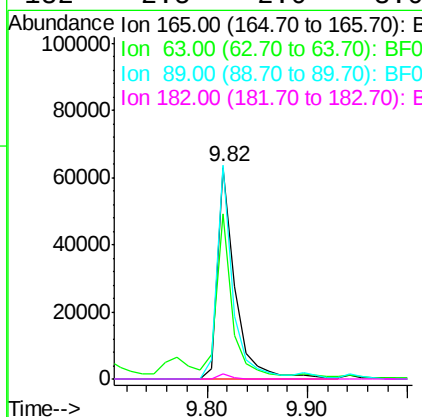
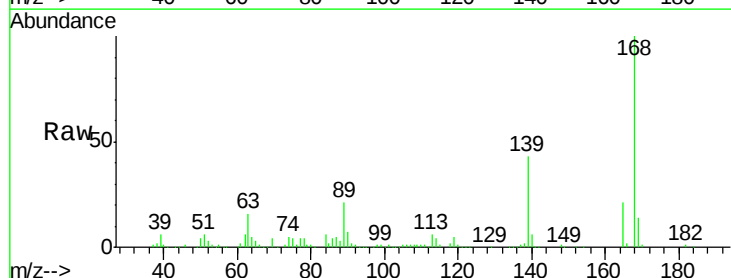
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

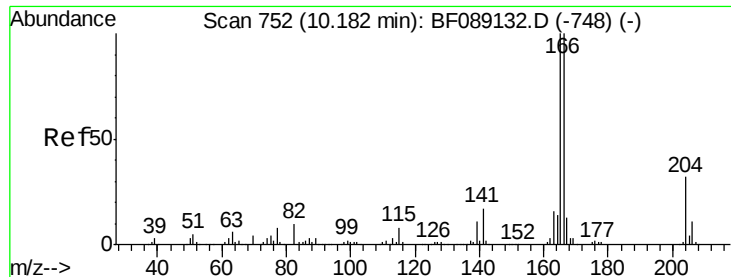
Tgt Ion:139 Resp: 27475
Ion Ratio Lower Upper
139 100
109 75.9 58.7 98.7
65 97.7 80.2 120.2



#56
2,4-Dinitrotoluene
Concen: 37.87 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF089243.D
Acq: 23 Jul 2016 18:12

Tgt Ion:165 Resp: 76674
Ion Ratio Lower Upper
165 100
63 78.1 55.4 83.2
89 101.0 74.3 111.5
182 2.5 2.0 3.0

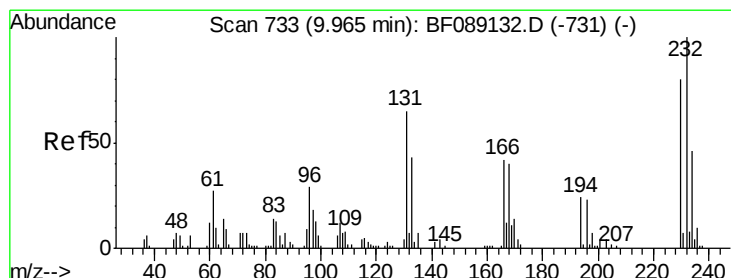
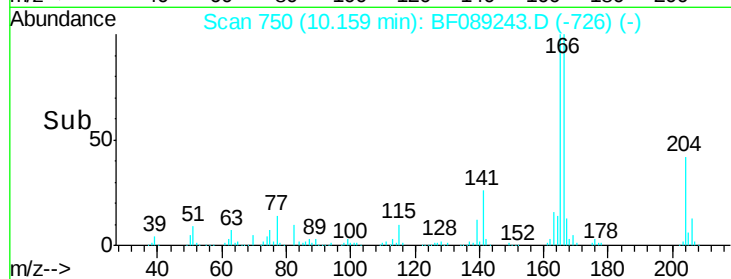
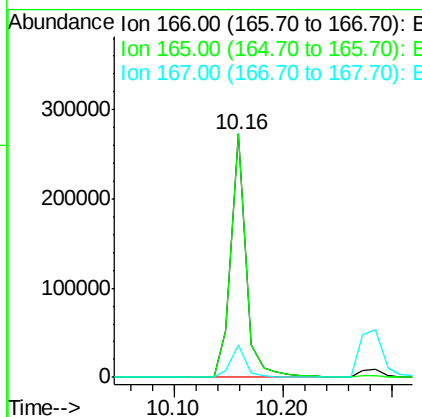
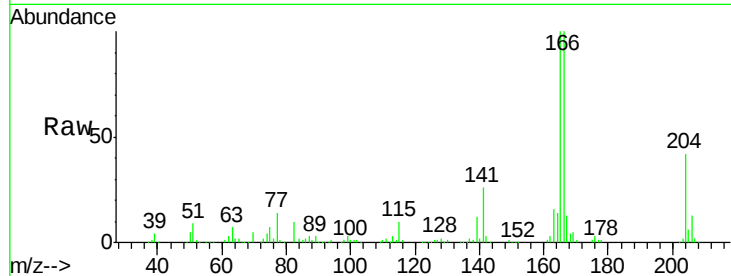




#57
 Fluorene
 Concen: 40.00 ng
 RT: 10.16 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

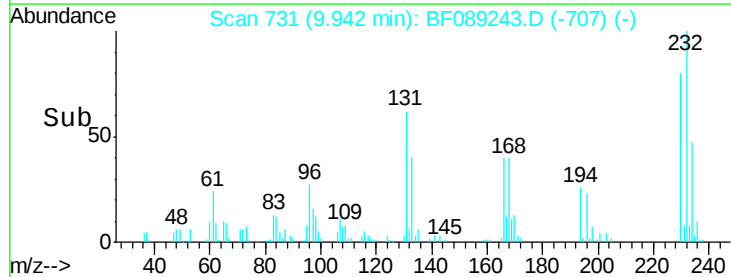
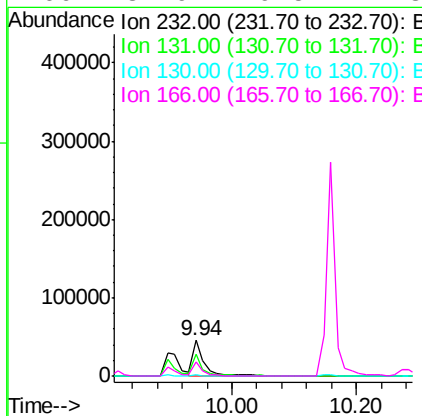
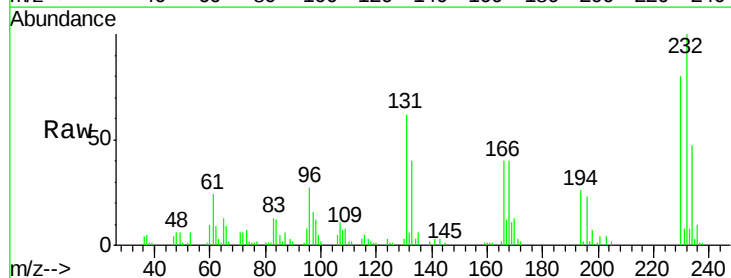
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

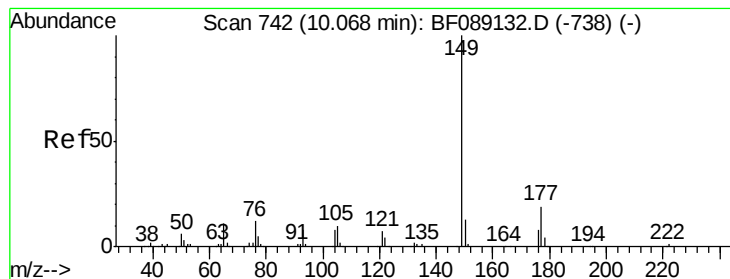
Tgt Ion:166 Resp: 264916
 Ion Ratio Lower Upper
 166 100
 165 100.0 79.9 119.9
 167 13.2 10.7 16.1



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.17 ng
 RT: 9.94 min Scan# 731
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Tgt Ion:232 Resp: 58742
 Ion Ratio Lower Upper
 232 100
 131 52.6 46.2 69.2
 130 2.4 2.3 3.5
 166 31.9 29.5 44.3





#59

Diethylphthalate

Concen: 37.55 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

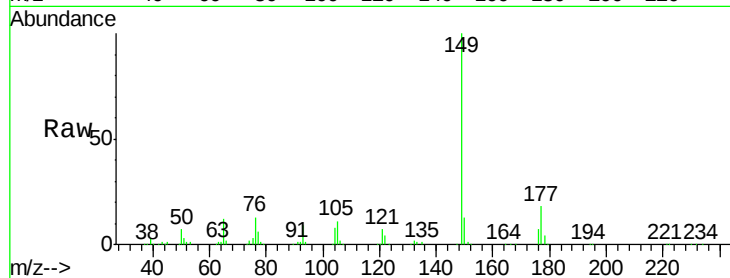
Tgt Ion:149 Resp: 259214

Ion Ratio Lower Upper

149 100

177 18.4 15.6 23.4

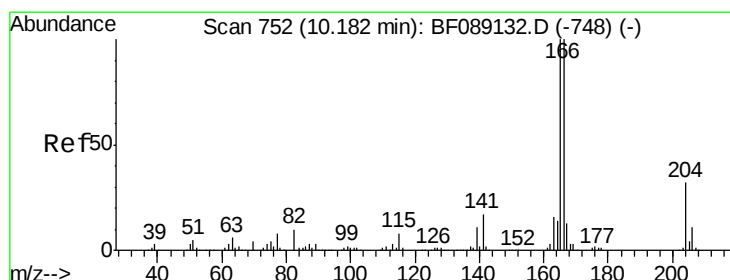
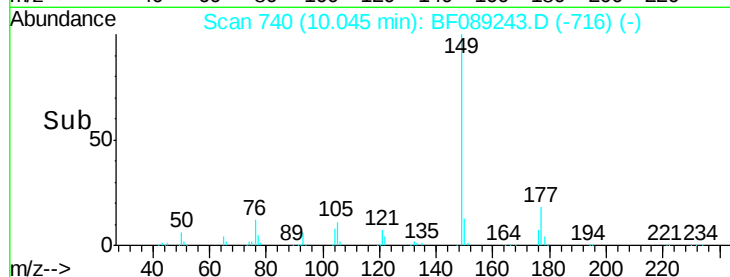
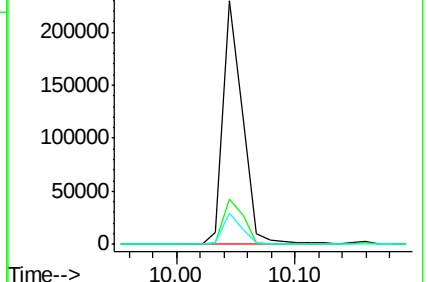
150 12.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.03 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

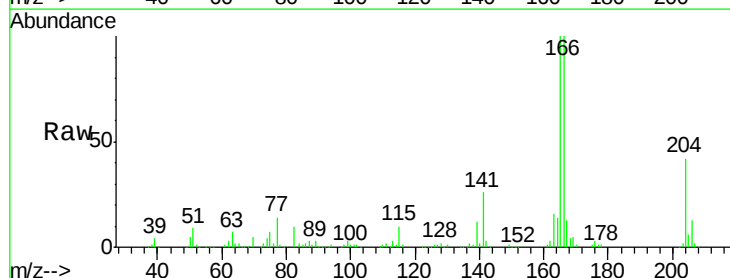
Tgt Ion:204 Resp: 118005

Ion Ratio Lower Upper

204 100

206 32.2 26.2 39.4

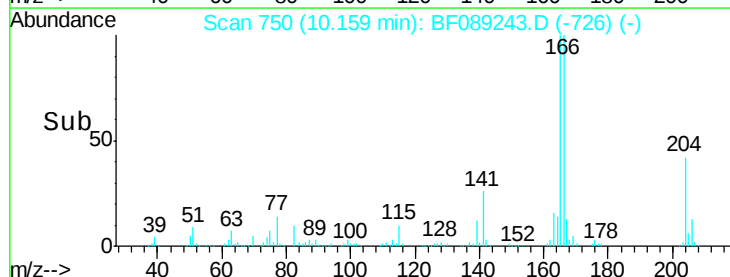
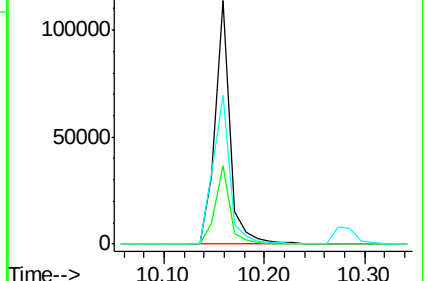
141 61.3 42.2 63.4

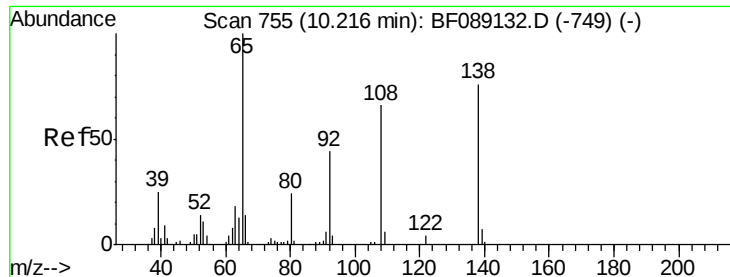


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

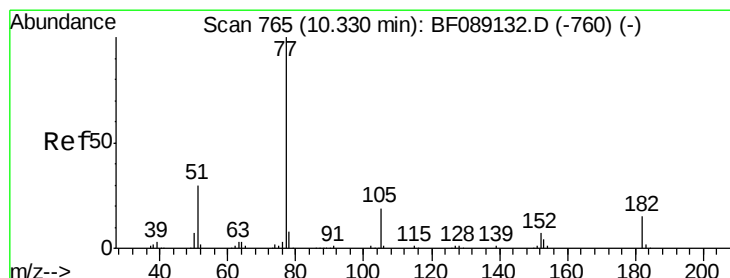
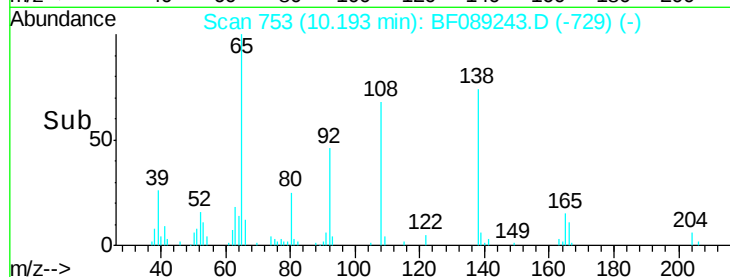
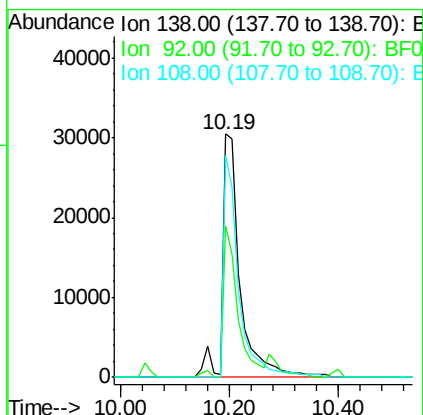
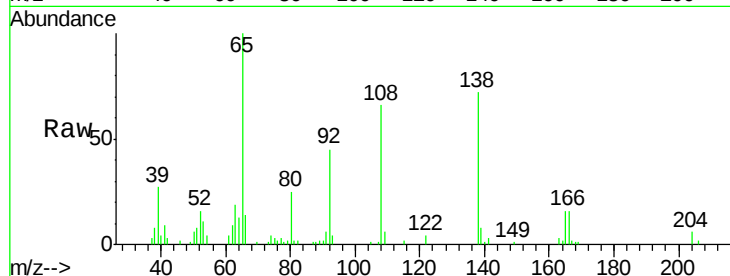




#61
4-Nitroaniline
Concen: 37.87 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF089243.D
Acq: 23 Jul 2016 18:12

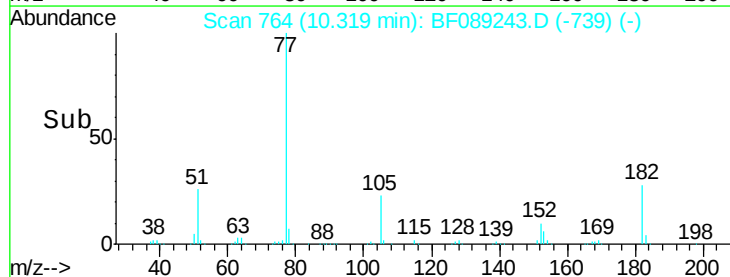
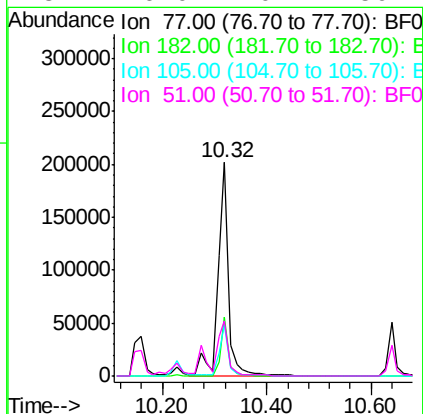
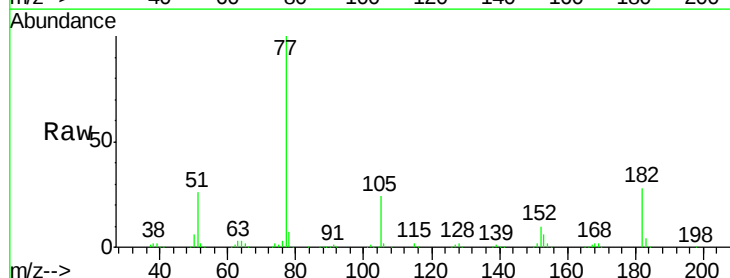
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

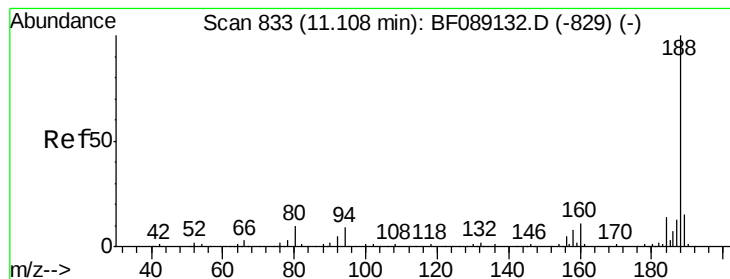
Tgt Ion:138 Resp: 68775
Ion Ratio Lower Upper
138 100
92 62.1 37.2 77.2
108 91.1 66.1 106.1



#62
Azobenzene
Concen: 37.77 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF089243.D
Acq: 23 Jul 2016 18:12

Tgt Ion: 77 Resp: 283346
Ion Ratio Lower Upper
77 100
182 27.6 0.0 35.0
105 23.8 0.0 39.4
51 26.0 10.7 50.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.02 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

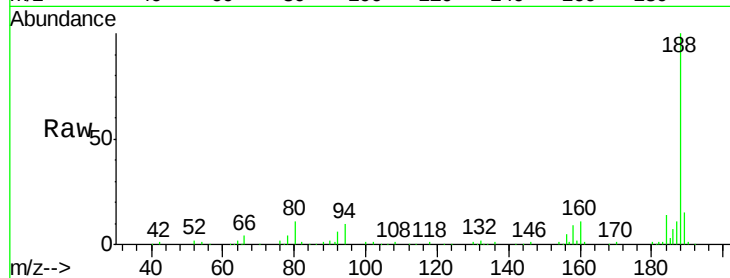
Tgt Ion:188 Resp: 169247

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.4

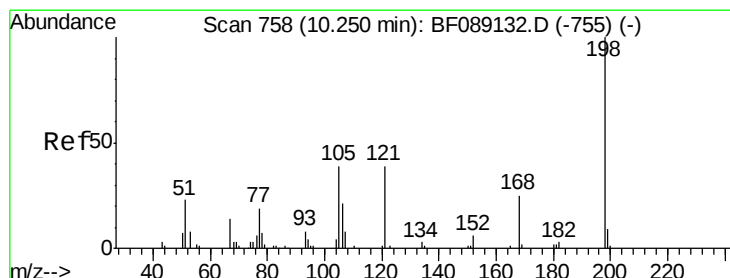
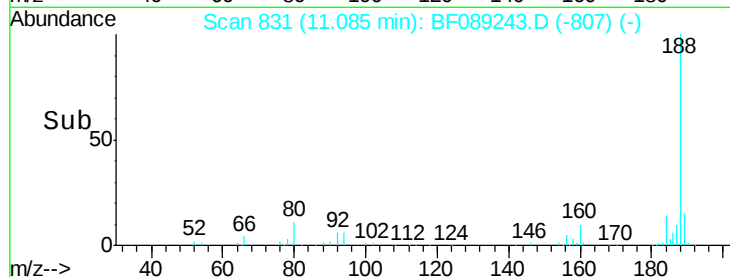
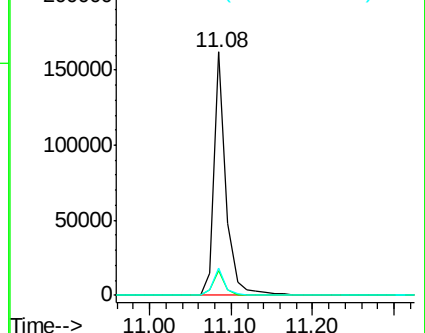
80 11.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 36.93 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

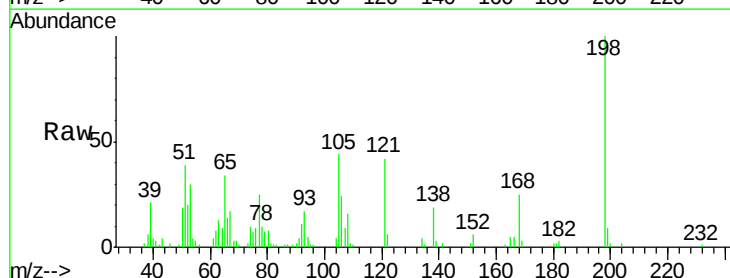
Tgt Ion:198 Resp: 36389

Ion Ratio Lower Upper

198 100

51 39.2 11.7 51.7

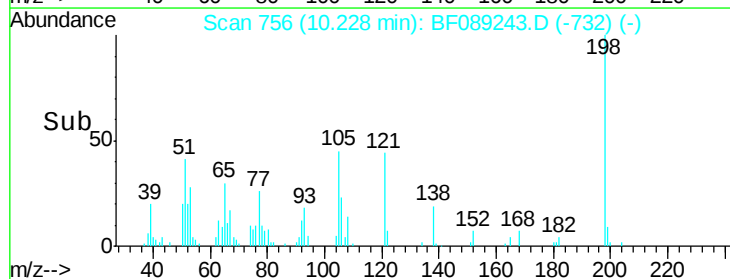
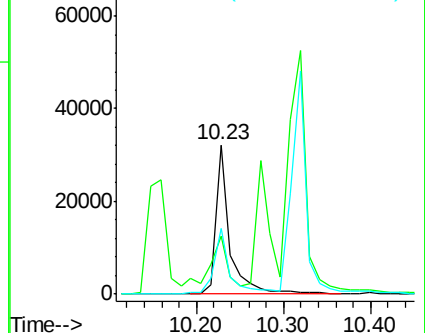
105 43.7 20.3 60.3

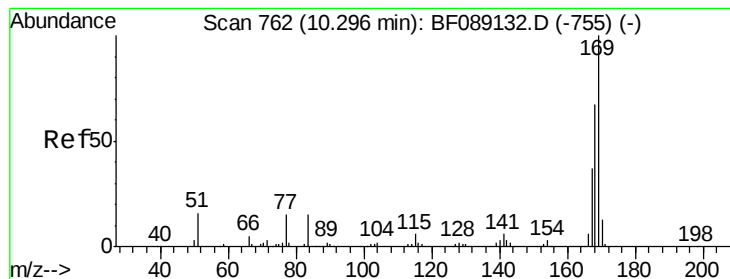


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.17 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

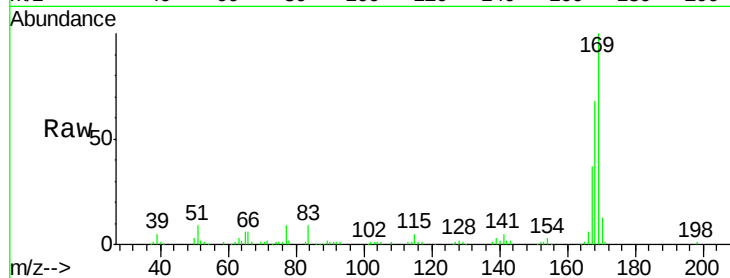
Tgt Ion:169 Resp: 221557

Ion Ratio Lower Upper

169 100

168 68.5 53.4 80.0

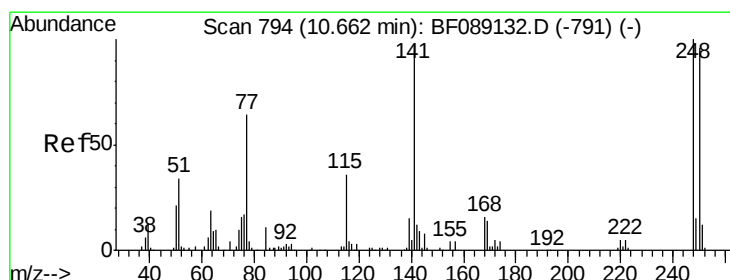
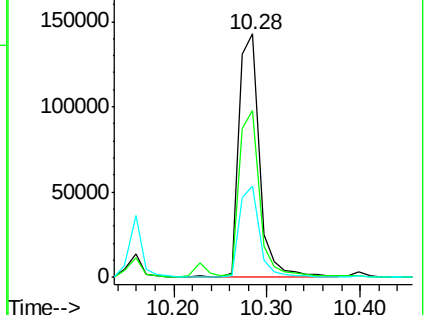
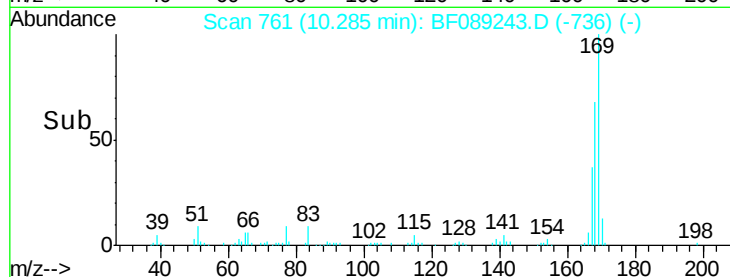
167 37.5 29.5 44.3



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: 40.92 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

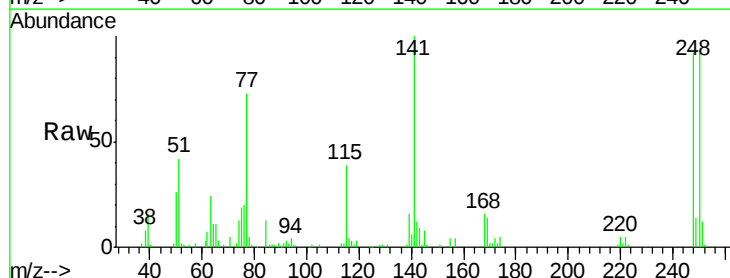
Tgt Ion:248 Resp: 68539

Ion Ratio Lower Upper

248 100

250 99.9 76.9 115.3

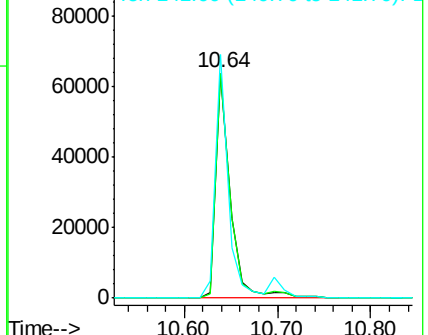
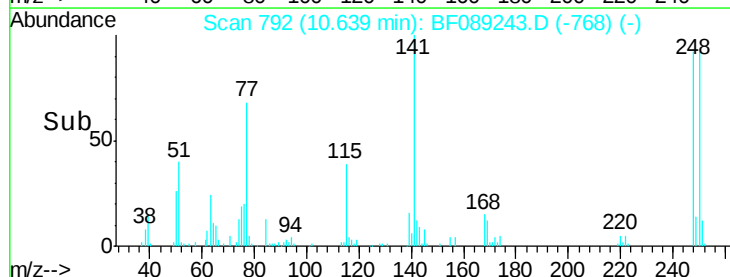
141 108.2 77.4 116.2

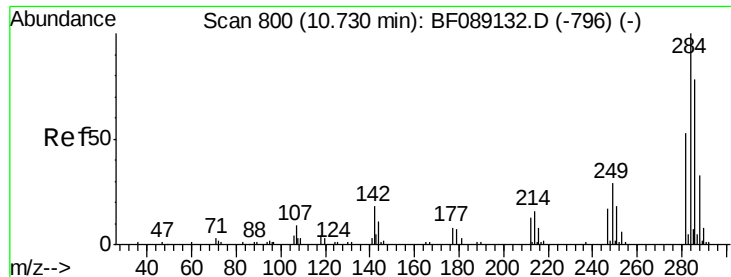


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

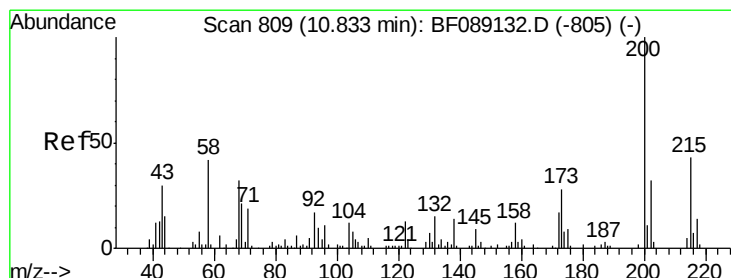
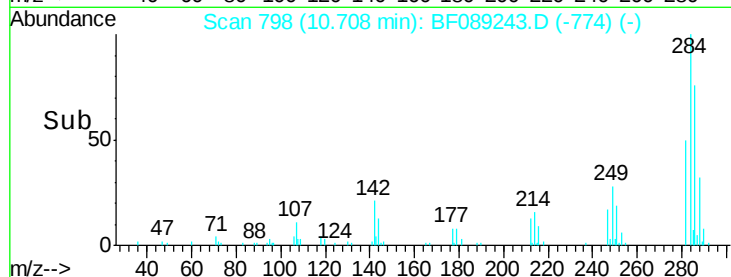
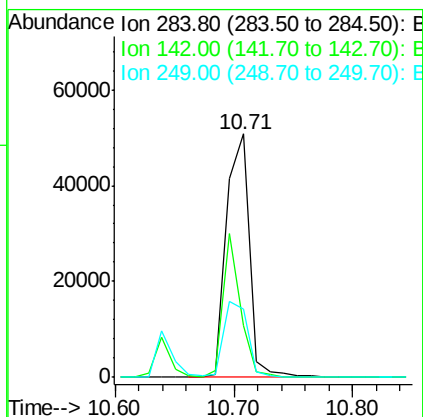
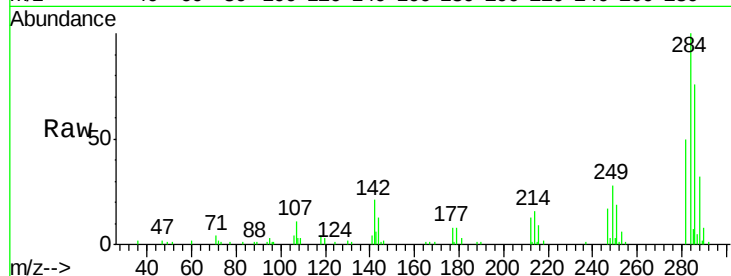




#67
Hexachlorobenzene
Concen: 37.76 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF089243.D
Acq: 23 Jul 2016 18:12

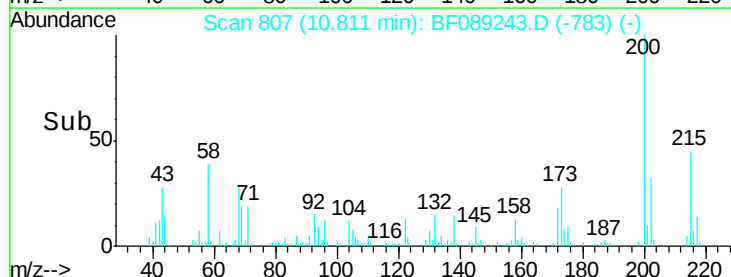
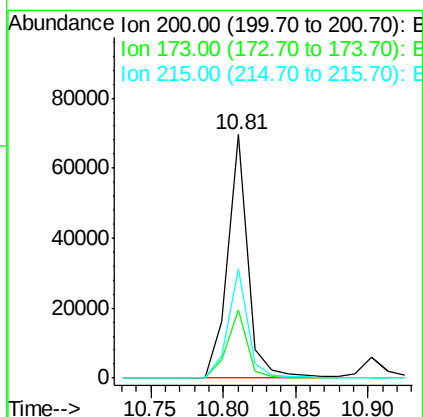
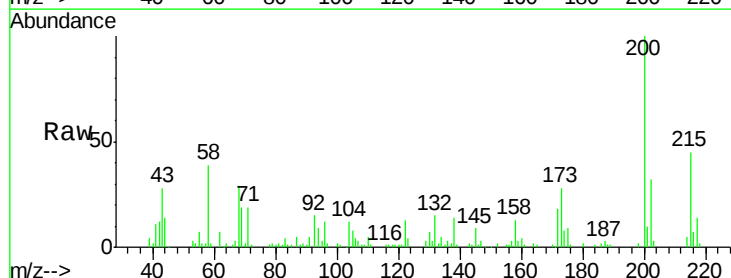
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

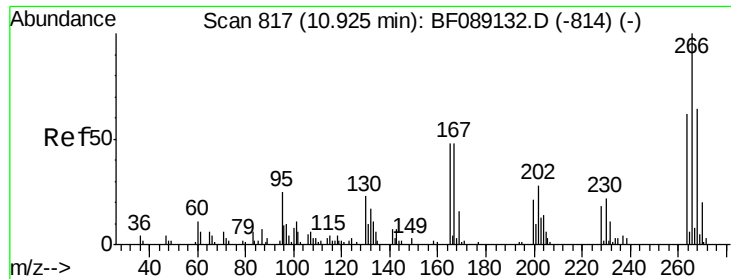
Tgt Ion:284 Resp: 68017
Ion Ratio Lower Upper
284 100
142 21.2 14.1 21.1#
249 27.9 23.0 34.4



#68
Atrazine
Concen: 38.42 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF089243.D
Acq: 23 Jul 2016 18:12

Tgt Ion:200 Resp: 67957
Ion Ratio Lower Upper
200 100
173 28.2 7.8 47.8
215 44.8 22.9 62.9

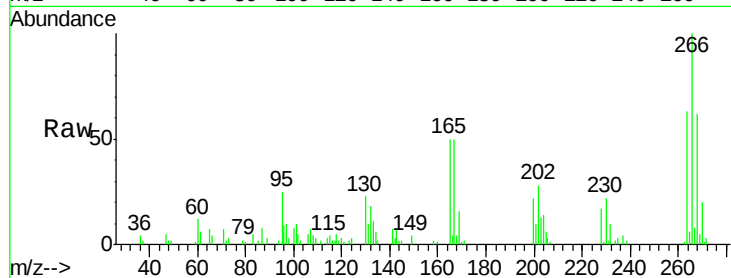




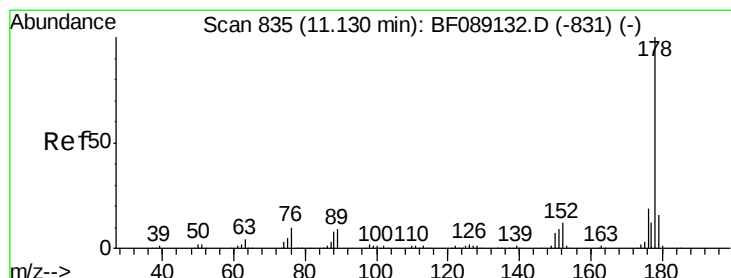
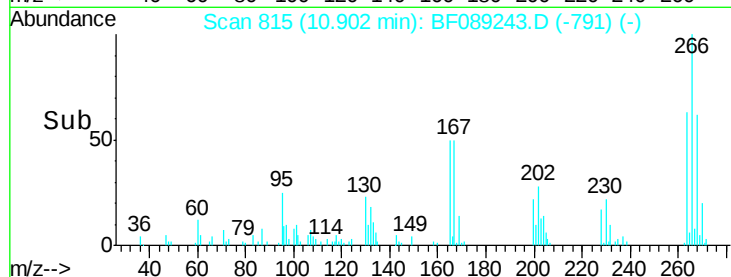
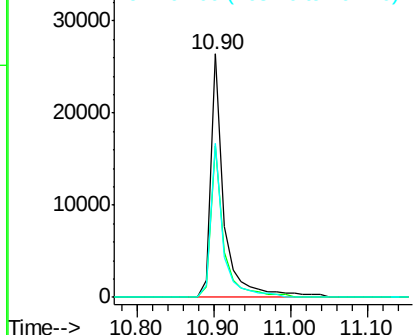
#69
 Pentachlorophenol
 Concen: 37.91 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 266 Resp: 31502
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.2 76.8
 264 63.1 49.7 74.5

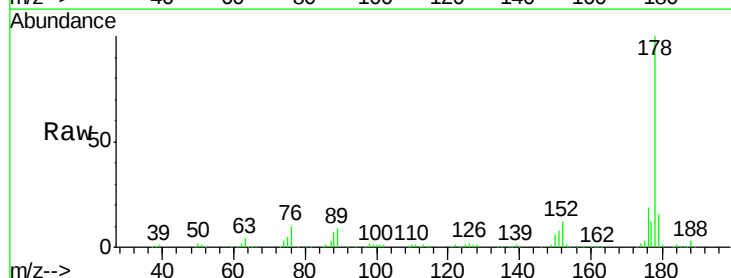


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

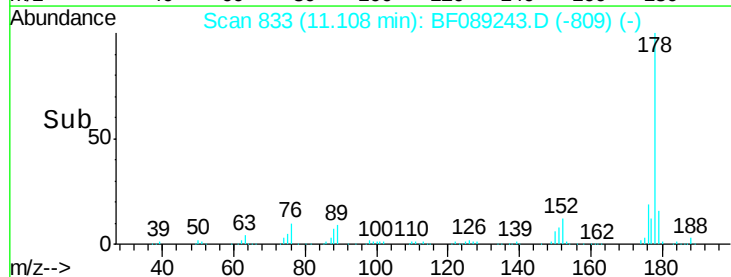
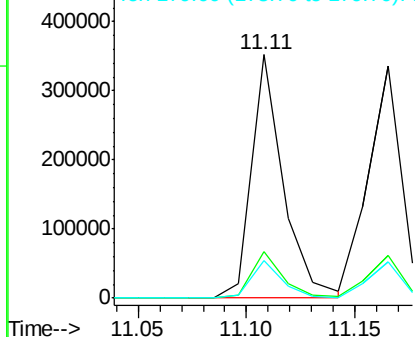


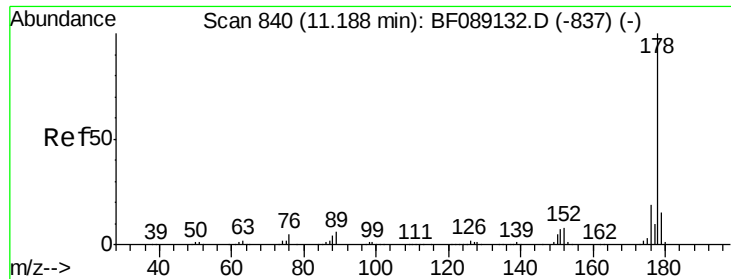
#70
 Phenanthrene
 Concen: 38.43 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Tgt Ion: 178 Resp: 356837
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.5 12.4 18.6



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

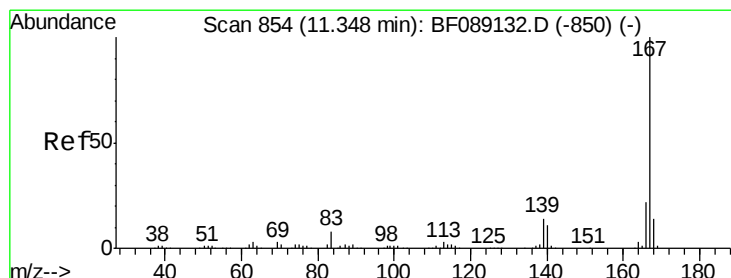
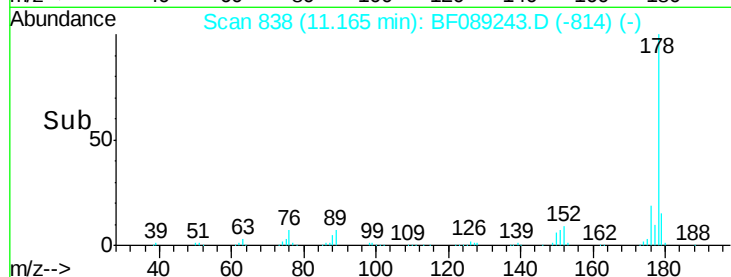
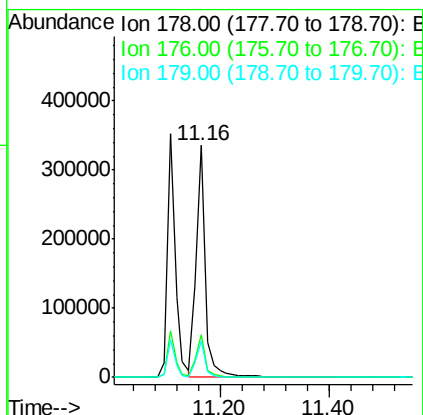
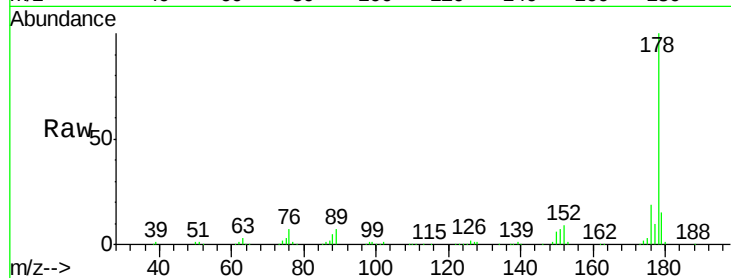




#71
 Anthracene
 Concen: 40.52 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

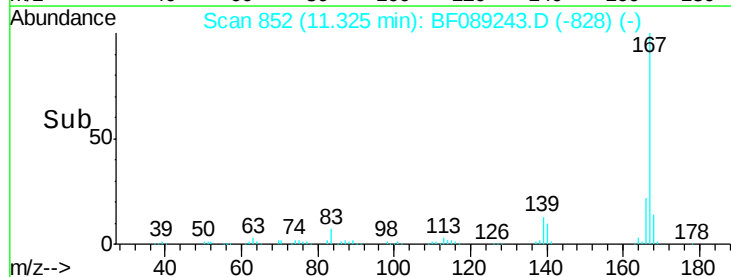
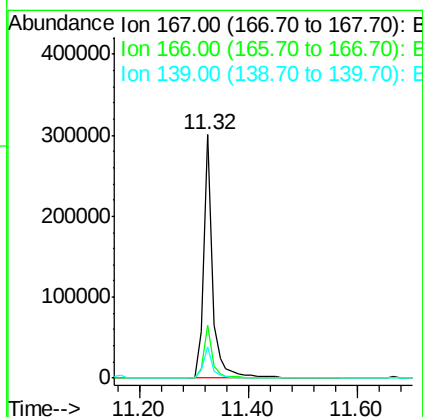
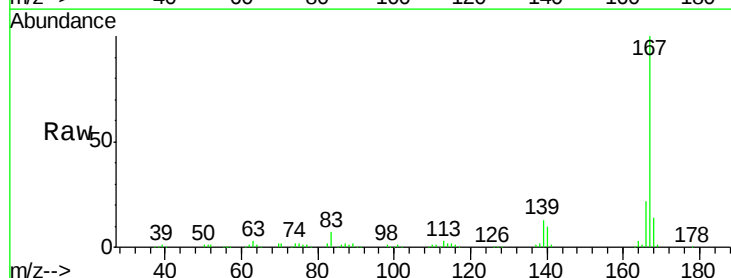
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

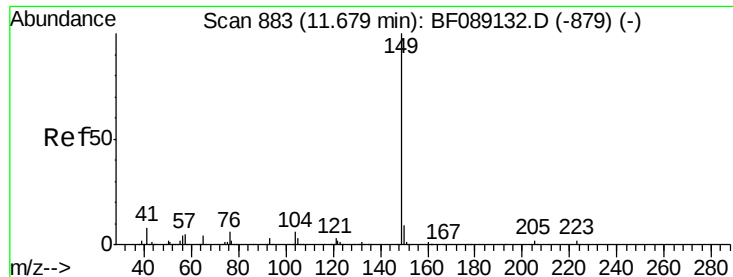
Tgt Ion:178 Resp: 391014
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.9 22.3
 179 15.5 12.0 18.0



#72
 Carbazole
 Concen: 39.91 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Tgt Ion:167 Resp: 338341
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 12.9 11.0 16.4





#73

Di-n-butylphthalate

Concen: 39.53 ng

RT: 11.67 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

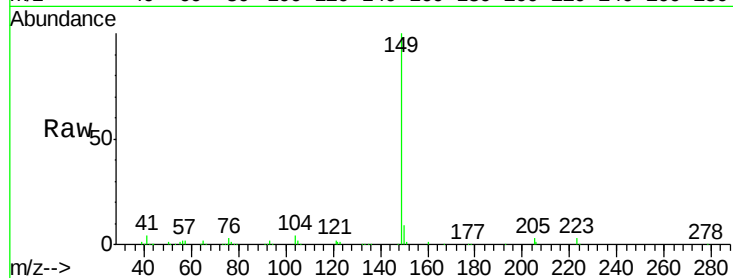
Tgt Ion:149 Resp: 414394

Ion Ratio Lower Upper

149 100

150 8.6 7.4 11.2

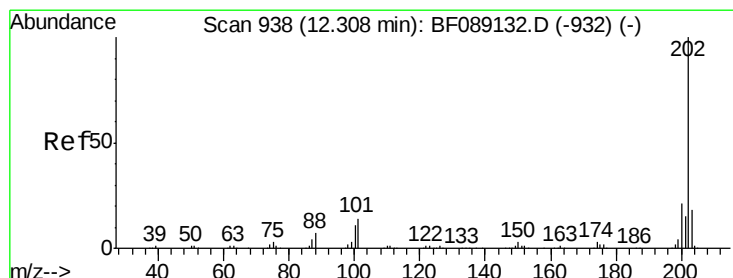
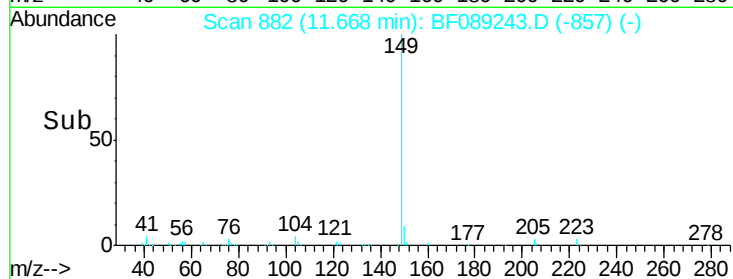
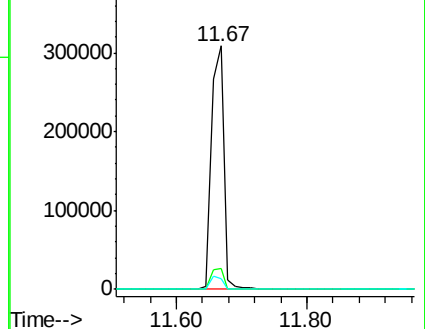
104 4.1 4.6 6.8#



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: 37.26 ng

RT: 12.28 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

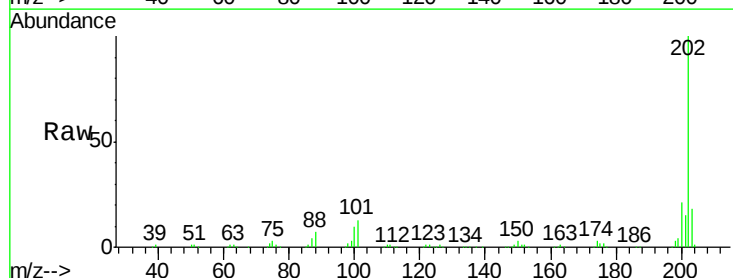
Tgt Ion:202 Resp: 363604

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.0

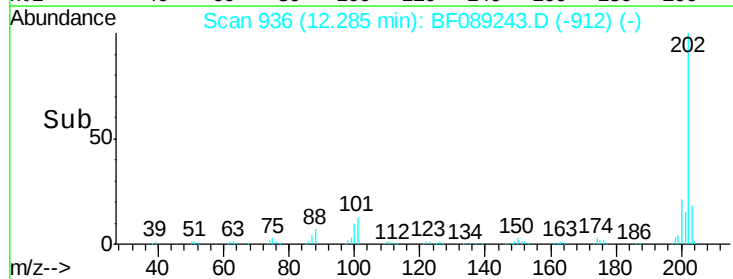
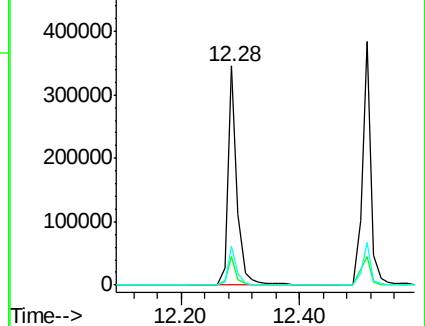
203 17.8 0.0 37.8

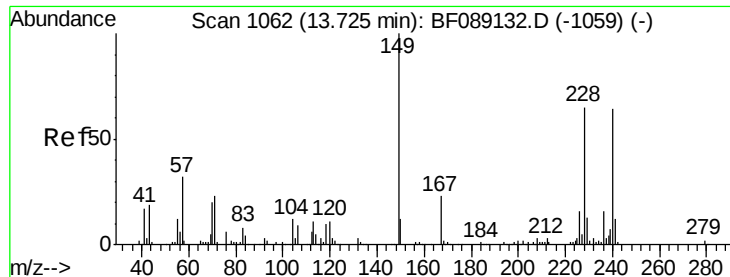


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

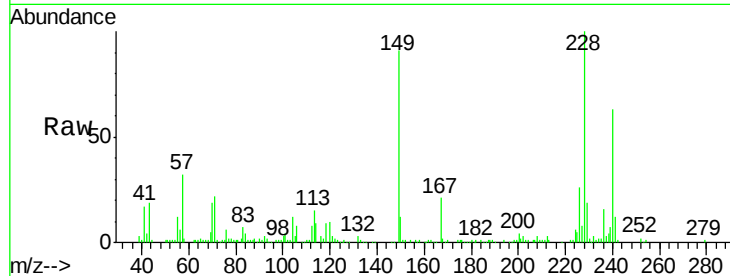
Tgt Ion:240 Resp: 106402

Ion Ratio Lower Upper

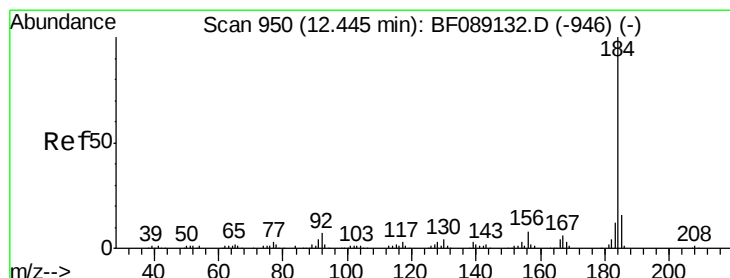
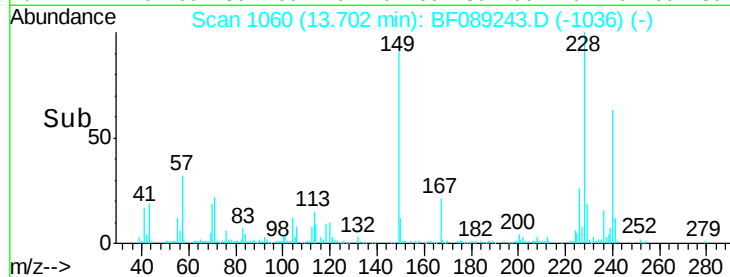
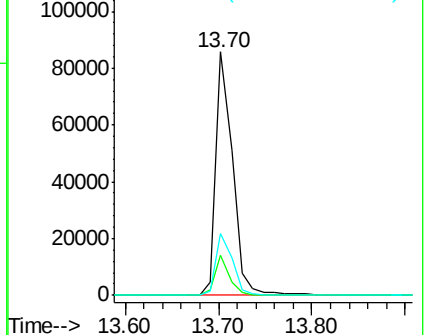
240 100

120 16.5 13.6 20.4

236 25.5 20.5 30.7



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: 38.09 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

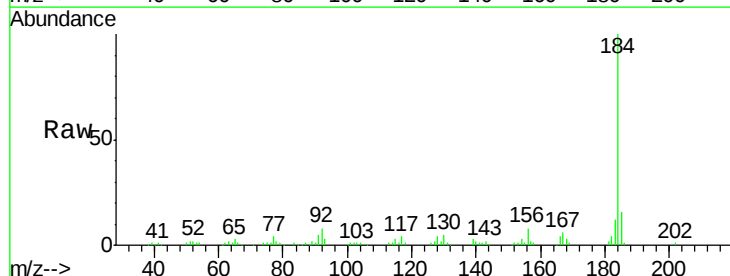
Tgt Ion:184 Resp: 139353

Ion Ratio Lower Upper

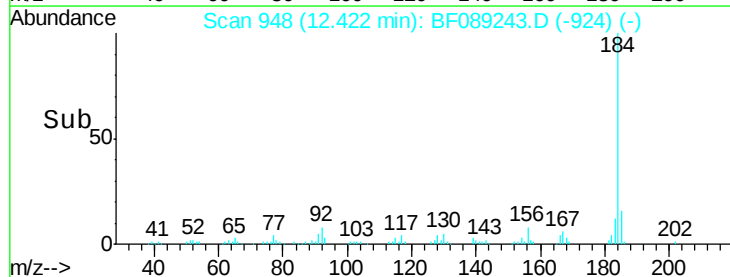
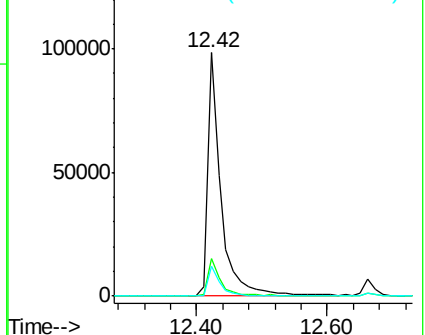
184 100

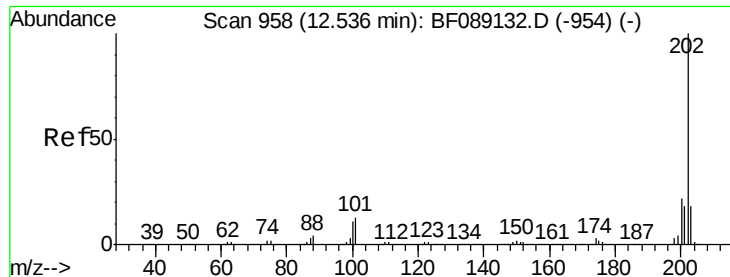
185 15.6 12.5 18.7

183 12.1 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

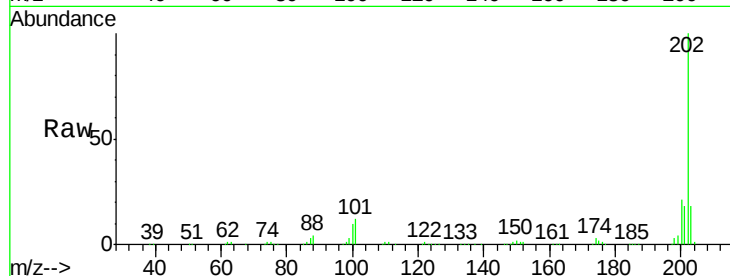




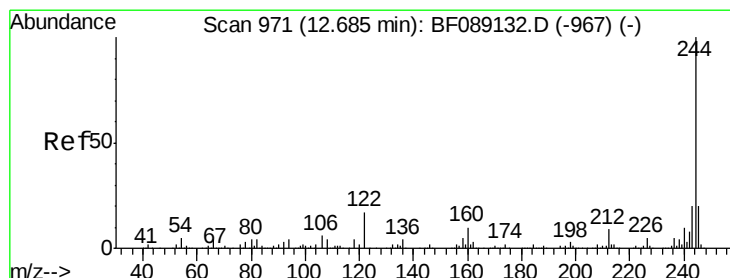
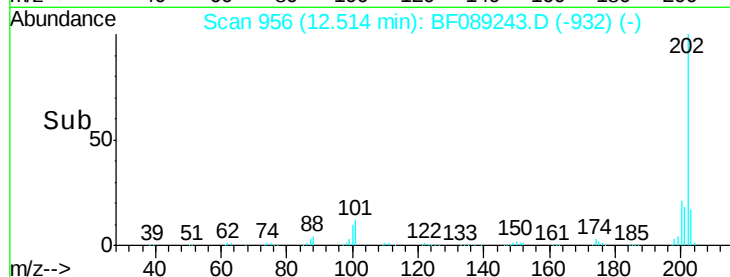
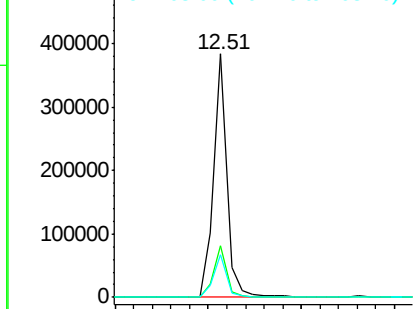
#77
Pyrene
 Concen: 43.70 ng
 RT: 12.51 min Scan# 956
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:202 Resp: 384041
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.4 26.0
 203 17.6 14.2 21.2

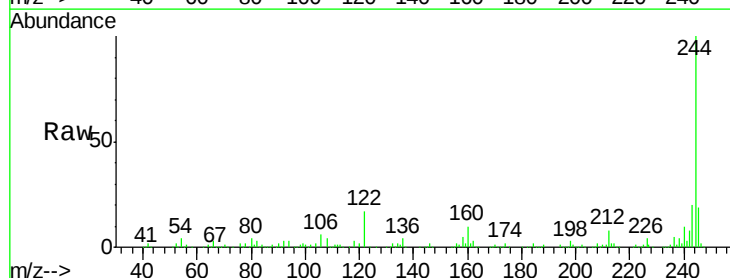


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

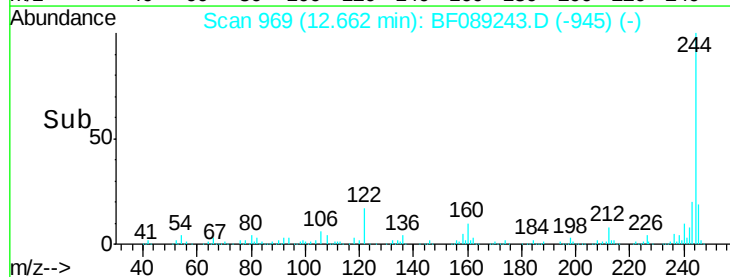
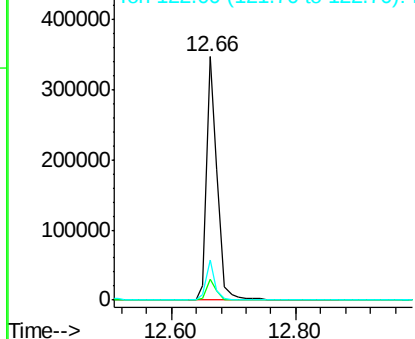


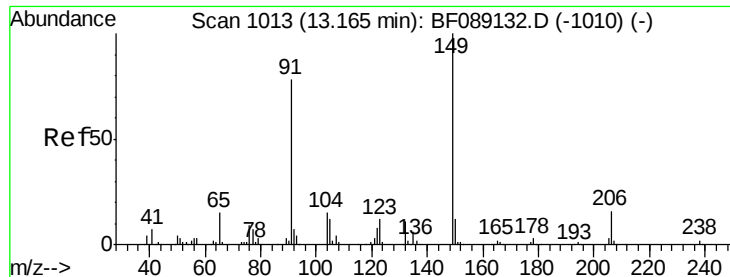
#78
Terphenyl-d14
 Concen: 83.85 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Tgt Ion:244 Resp: 411352
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.0 10.4
 122 16.7 13.8 20.8



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.16 ng

RT: 13.14 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

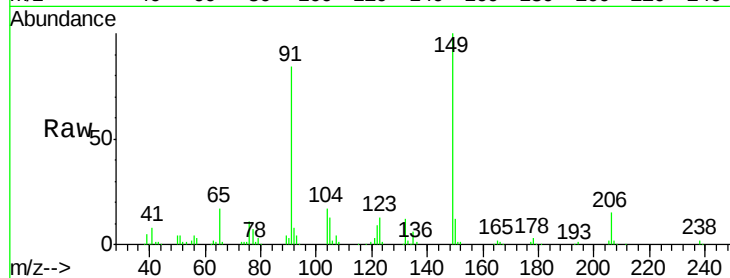
Tgt Ion:149 Resp: 156722

Ion Ratio Lower Upper

149 100

91 84.0 62.6 93.8

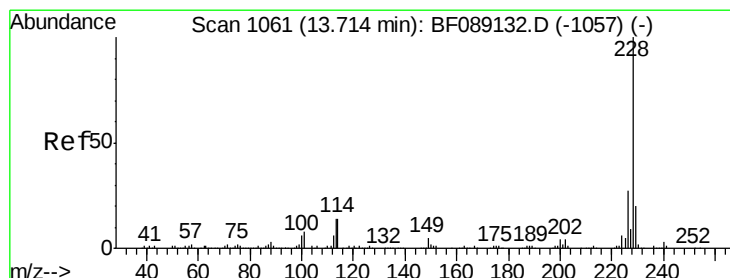
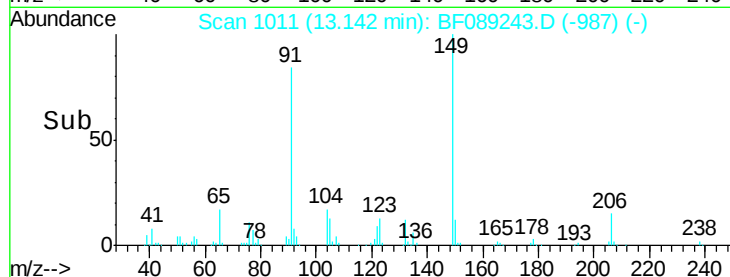
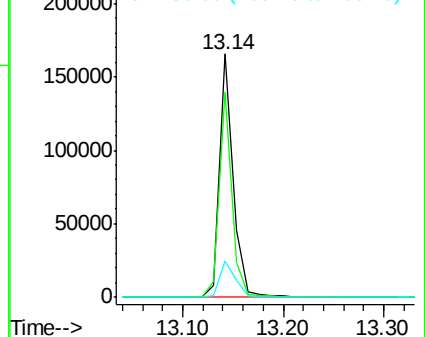
206 15.0 13.2 19.8



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: 37.23 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

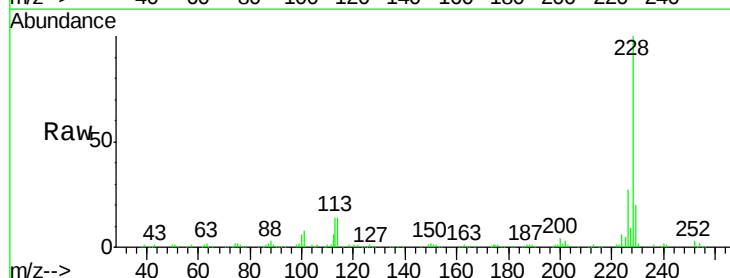
Tgt Ion:228 Resp: 252296

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

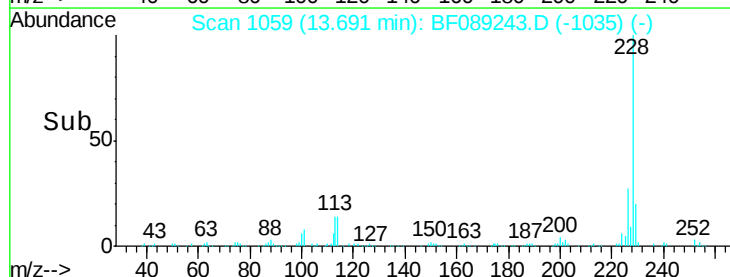
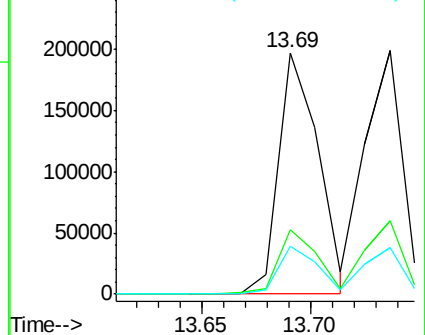
229 19.7 15.8 23.8



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

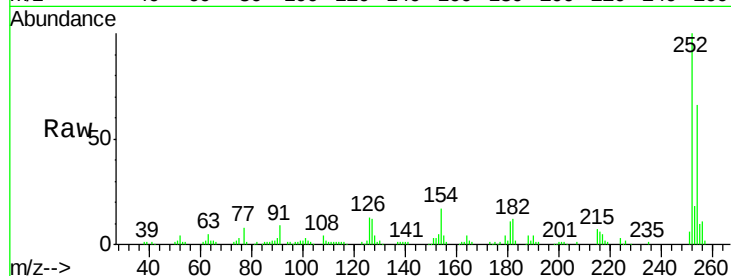




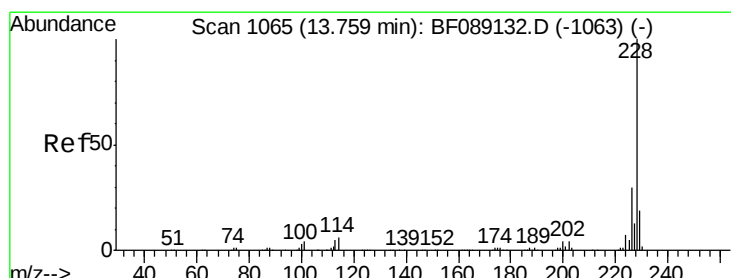
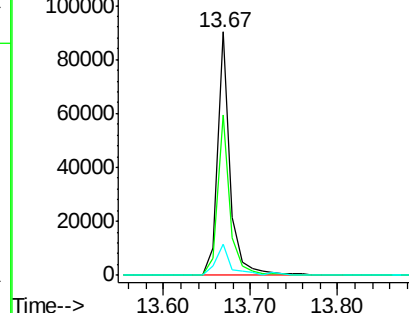
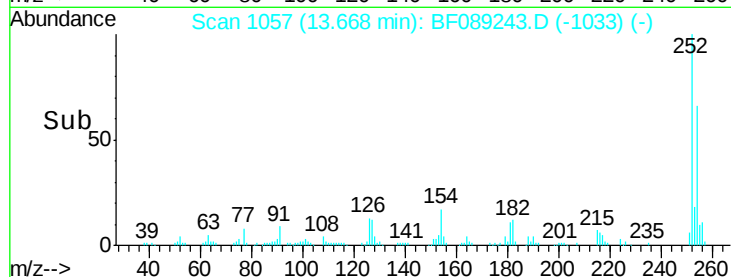
#81
 3,3'-Dichlorobenzidine
 Concen: 40.65 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 252 Resp: 91381
 Ion Ratio Lower Upper
 252 100
 254 65.8 50.4 75.6
 126 12.6 10.2 15.2

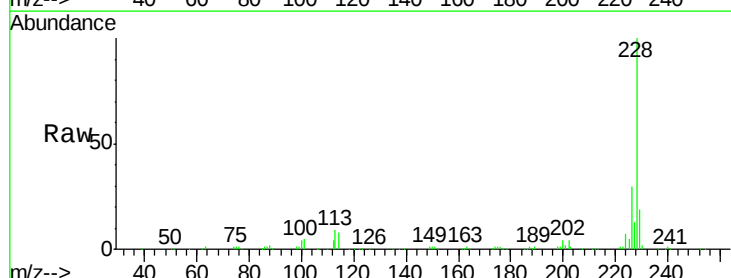


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

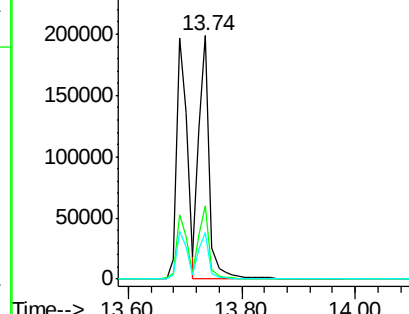
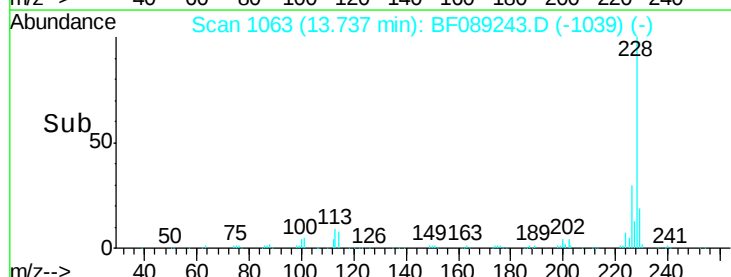


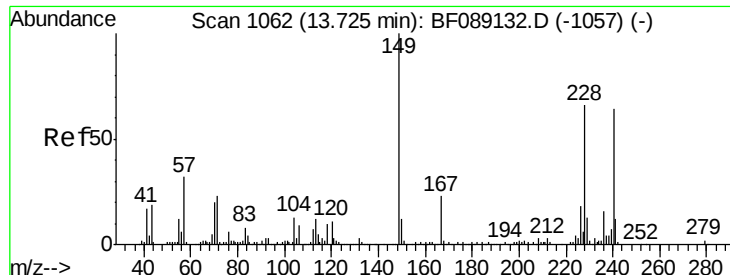
#82
 Chrysene
 Concen: 39.99 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Tgt Ion: 228 Resp: 258836
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.8 35.8
 229 19.0 15.4 23.0



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

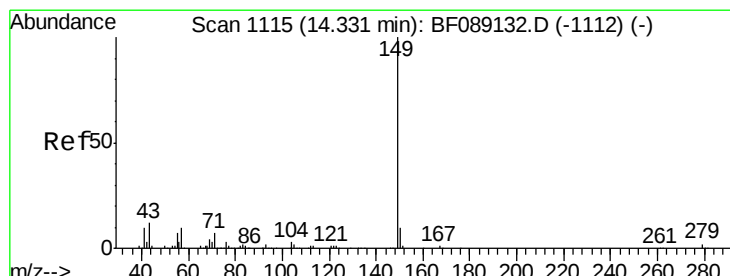
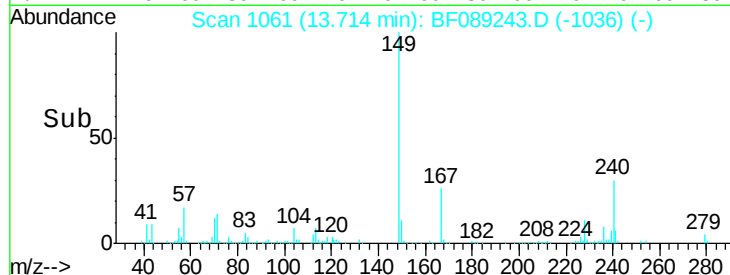
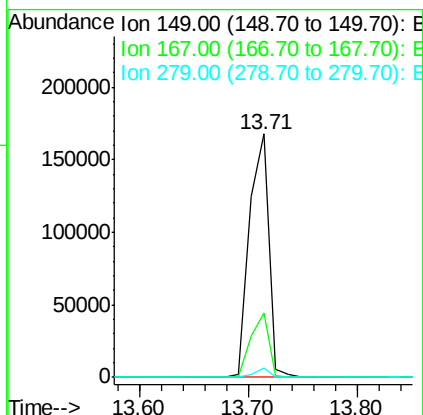
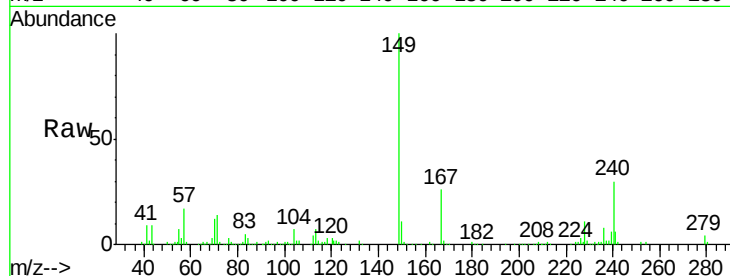




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.09 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

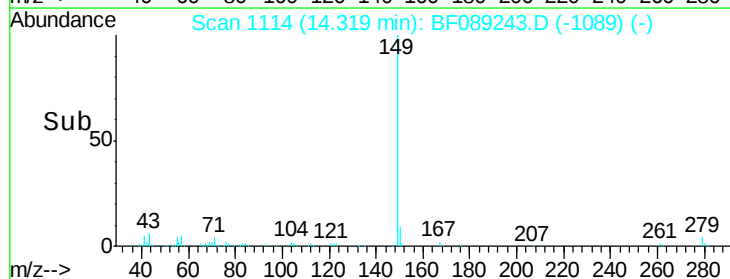
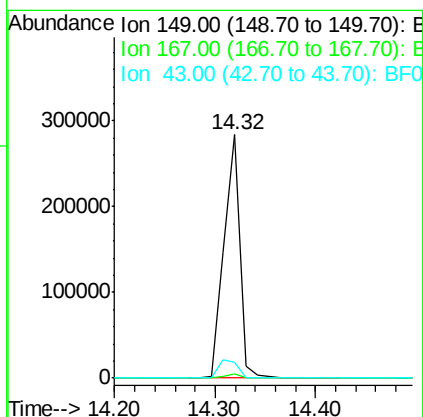
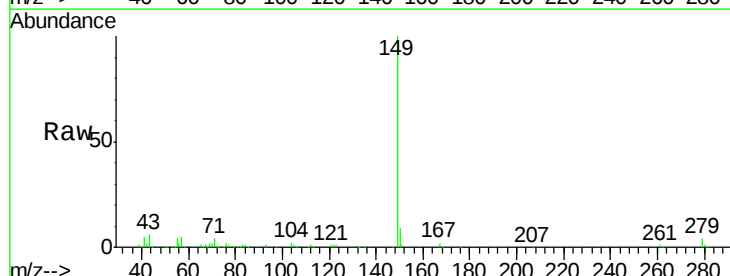
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

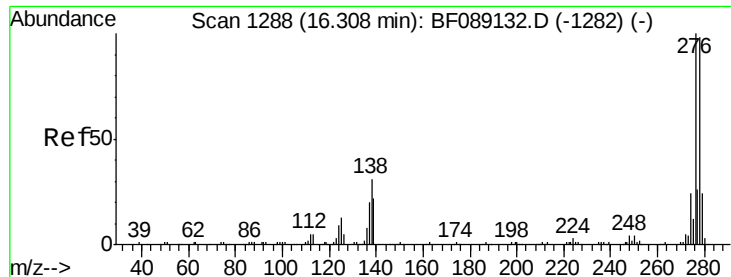
Tgt Ion:149 Resp: 207523
 Ion Ratio Lower Upper
 149 100
 167 26.3 18.6 28.0
 279 3.8 1.6 2.4#



#84
 Di-n-octyl phthalate
 Concen: 38.17 ng
 RT: 14.32 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Tgt Ion:149 Resp: 310487
 Ion Ratio Lower Upper
 149 100
 167 1.3 1.2 1.8
 43 9.1 7.3 10.9

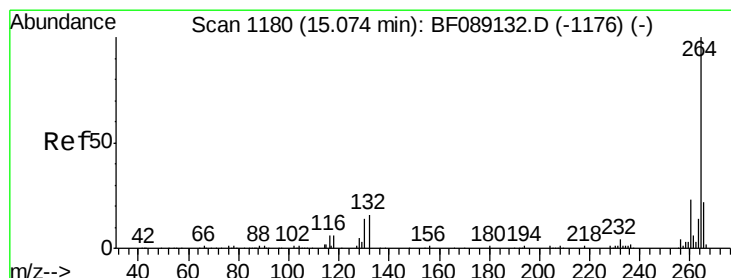
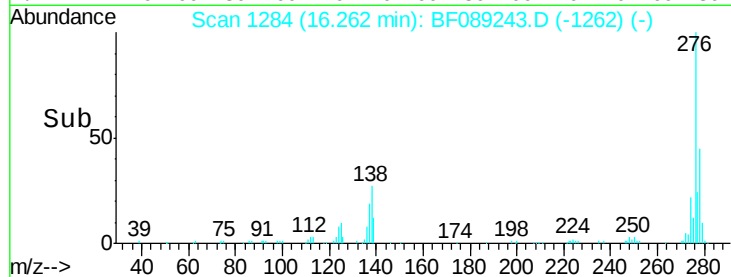
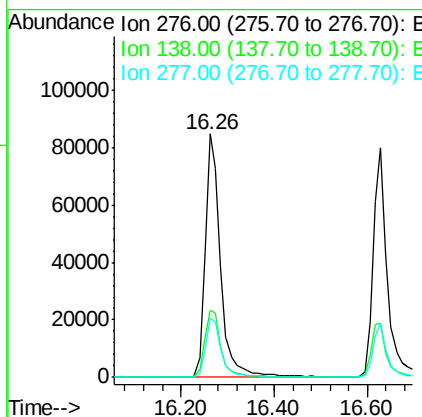
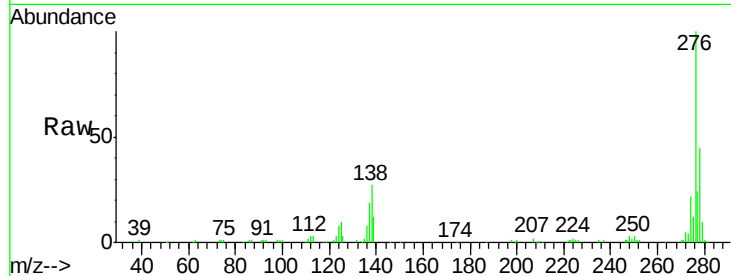




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.92 ng
 RT: 16.26 min Scan# 1284
 Delta R.T. -0.05 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

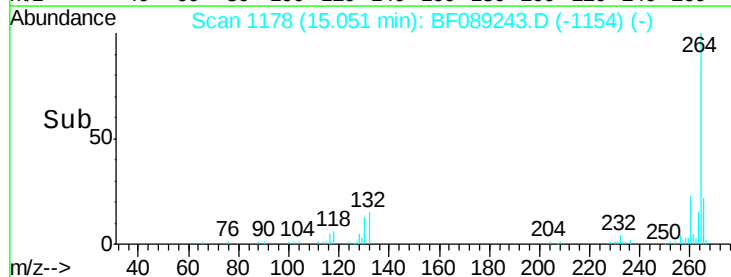
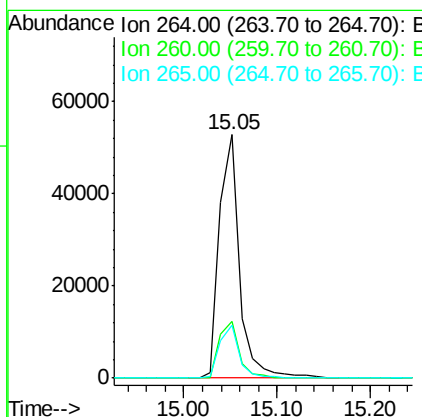
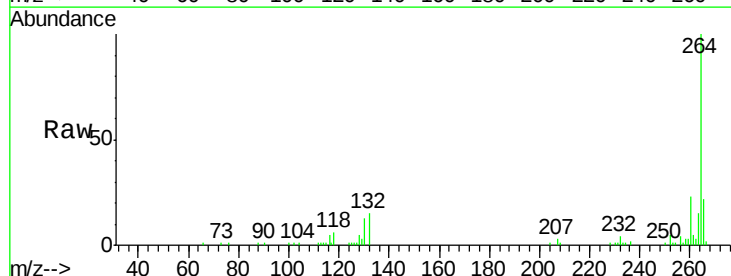
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

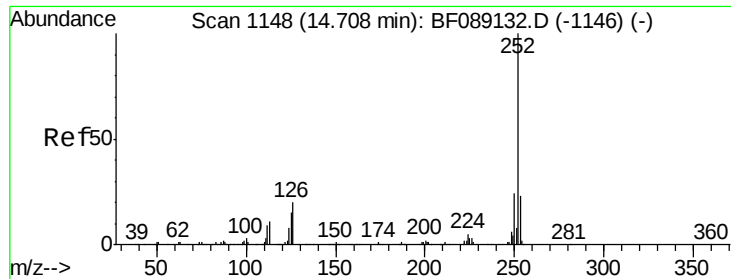
Tgt Ion: 276 Resp: 197061
 Ion Ratio Lower Upper
 276 100
 138 29.5 23.7 35.5
 277 25.0 20.6 31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF089243.D
 Acq: 23 Jul 2016 18:12

Tgt Ion: 264 Resp: 78813
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 21.5 17.3 25.9

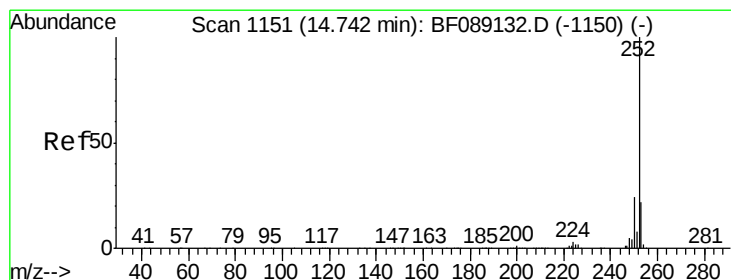
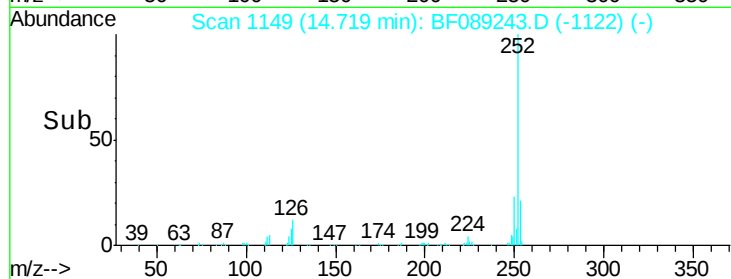
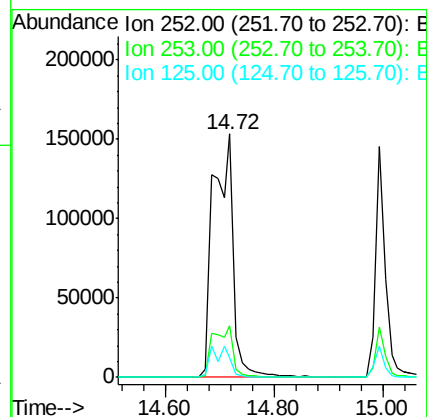
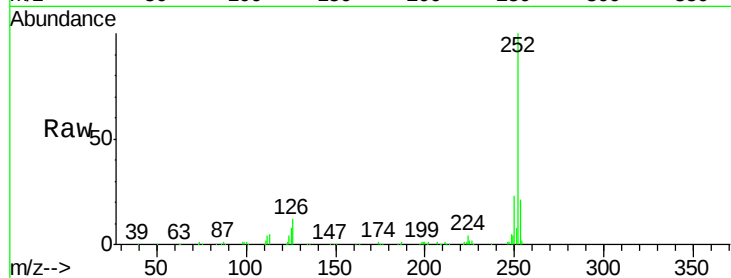




#87
Benzo(b)fluoranthene
Concen: 69.75 ng
RT: 14.72 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF089243.D
Acq: 23 Jul 2016 18:12

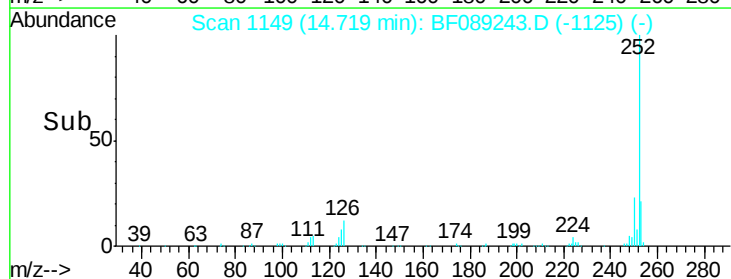
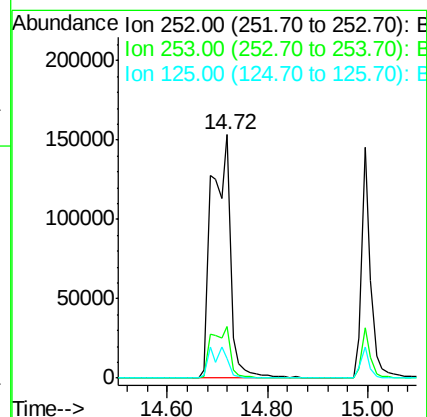
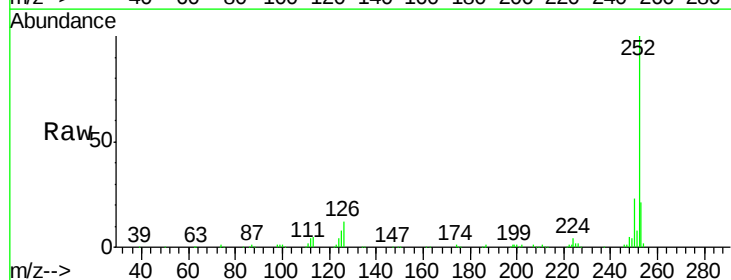
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

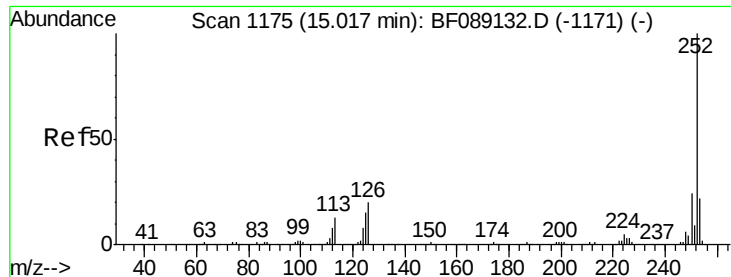
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.2	27.2
125	7.9	11.9	17.9



#88
Benzo(k)fluoranthene
Concen: 97.59 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF089243.D
Acq: 23 Jul 2016 18:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.3	25.9
125	7.9	6.3	9.5

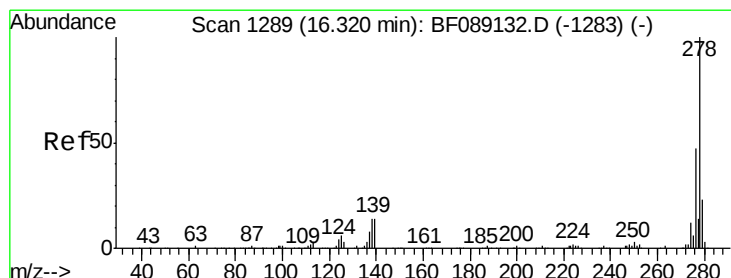
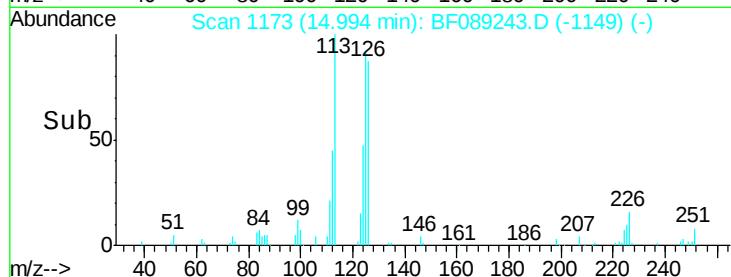
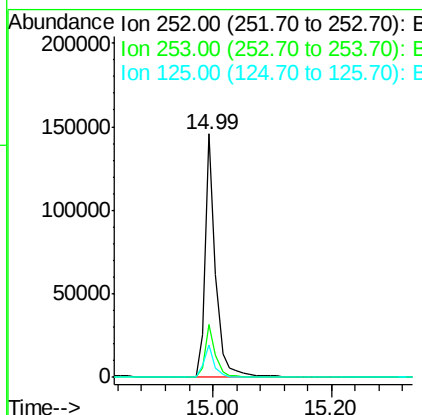
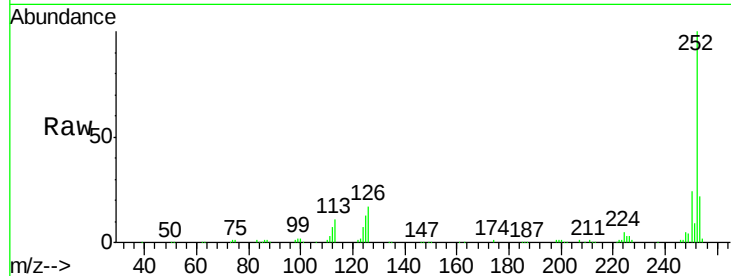




#89
Benzo(a)pyrene
Concen: 41.39 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BF089243.D
Acq: 23 Jul 2016 18:12

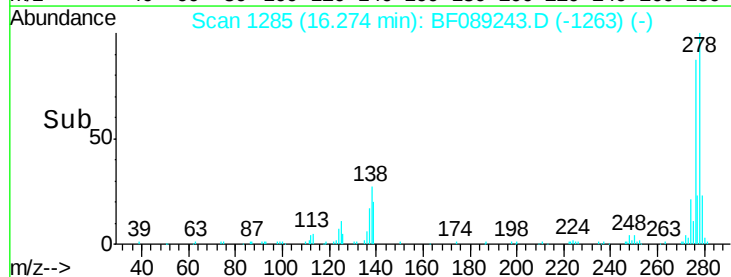
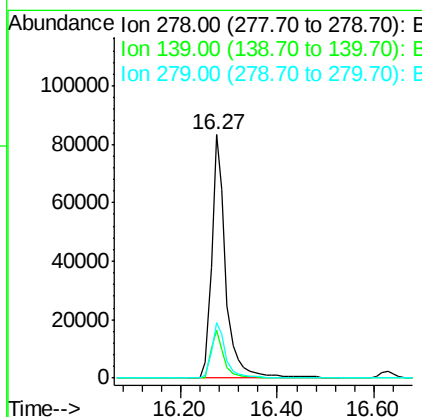
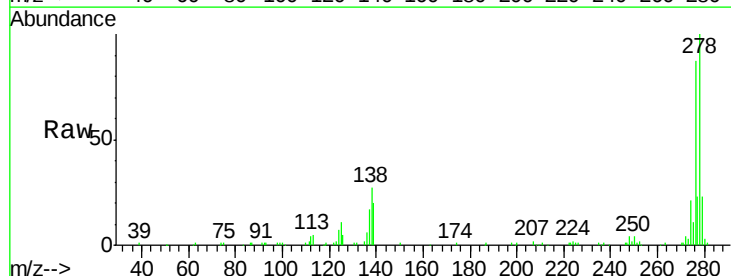
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

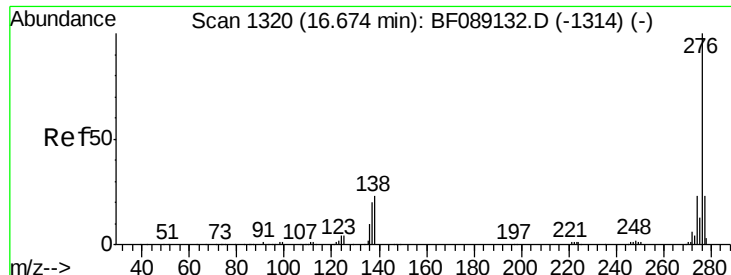
Tgt Ion: 252 Resp: 183408
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 13.5 12.4 18.6



#90
Dibenzo(a,h)anthracene
Concen: 49.05 ng
RT: 16.27 min Scan# 1285
Delta R.T. -0.05 min
Lab File: BF089243.D
Acq: 23 Jul 2016 18:12

Tgt Ion: 278 Resp: 171617
Ion Ratio Lower Upper
278 100
139 19.7 11.4 17.2#
279 23.0 18.4 27.6





#91

Benzo(g,h,i)perylene

Concen: 49.72 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.05 min

Lab File: BF089243.D

Acq: 23 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

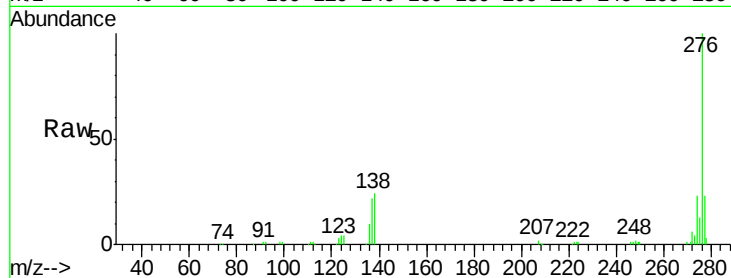
Tgt Ion: 276 Resp: 175395

Ion Ratio Lower Upper

276 100

277 23.4 18.5 27.7

138 23.8 18.5 27.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

