

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA F\Data\BF081716\
 Data File : BF089771.D
 Acq On : 17 Aug 2016 19:00
 Operator : UM/SJ
 Sample : H4429-02MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-7A-9-11MSD

Quant Time: Aug 18 08:28:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.696	152	698706	20.00	ng	0.00	
21) Naphthalene-d8	7.987	136	2816677	20.00	ng	0.00	
38) Acenaphthene-d10	9.736	164	1302346	20.00	ng	0.00	
63) Phenanthrene-d10	11.211	188	2441724	20.00	ng	0.00	
75) Chrysene-d12	13.851	240	1810346	20.00	ng	-0.05	
86) Perylene-d12	15.280	264	1959587	20.00	ng	-0.13	
System Monitoring Compounds							
5) 2-Fluorophenol	5.290	112	4337482	103.58	ng	0.01	
7) Phenol-d6	6.342	99	5852964	109.88	ng	0.01	
23) Nitrobenzene-d5	7.267	82	3337547	72.35	ng	0.00	
41) 2,4,6-Tribromophenol	10.525	330	1379653	109.50	ng	0.00	
44) 2-Fluorobiphenyl	9.073	172	5651593	69.63	ng	0.00	
78) Terphenyl-d14	12.811	244	4740594	78.23	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.261	88	691070	31.97	ng		98
3) Pyridine	2.901	79	1944376	34.90	ng		97
4) n-Nitrosodimethylamine	2.867	42	854825	38.23	ng	#	85
6) Aniline	6.364	93	1189024	16.61	ng	#	78
8) 2-Chlorophenol	6.490	128	1961247	39.37	ng	#	77
9) Benzaldehyde	6.239	77	701434	19.87	ng		85
10) Phenol	6.353	94	2009899	30.32	ng		98
11) bis(2-Chloroethyl)ether	6.444	93	1932999	39.35	ng		99
12) 1,3-Dichlorobenzene	6.639	146	1945528	36.54	ng		96
13) 1,4-Dichlorobenzene	6.719	146	2092918	38.80	ng		96
14) 1,2-Dichlorobenzene	6.719	146	2092918	40.70	ng		97
15) Benzyl Alcohol	6.845	79	1520161	42.71	ng		96
16) 2,2'-oxybis(1-Chloropr...	6.993	45	2294833	35.61	ng		93
17) 2-Methylphenol	6.970	107	1725399	43.60	ng		96
18) Hexachloroethane	7.210	117	782590	39.59	ng	#	85
19) n-Nitroso-di-n-propyla...	7.130	70	1273768	36.51	ng		94
20) 3+4-Methylphenols	7.119	107	1983465	39.14	ng	#	86
22) Acetophenone	7.119	105	2354782	35.97	ng	#	92
24) Nitrobenzene	7.290	77	2240991	43.19	ng		90
25) Isophorone	7.530	82	3725556	40.37	ng		96
26) 2-Nitrophenol	7.610	139	1045728	42.83	ng		93
27) 2,4-Dimethylphenol	7.656	122	1990109	43.00	ng		99
28) bis(2-Chloroethoxy)met...	7.747	93	2244167	40.01	ng		97
29) 2,4-Dichlorophenol	7.850	162	1707194	44.31	ng		98
30) 1,2,4-Trichlorobenzene	7.930	180	1604935	38.80	ng		99
31) Naphthalene	8.010	128	5136309	40.63	ng		95
32) Benzoic acid	7.656	122	1990109	55.31	ng	#	13
33) 4-Chloroaniline	8.056	127	526550	9.00	ng	#	89
34) Hexachlorobutadiene	8.136	225	849276	39.09	ng		99
35) Caprolactam	8.433	113	337148	28.39	ng		85
36) 4-Chloro-3-methylphenol	8.548	107	1785186	42.56	ng		92
37) 2-Methylnaphthalene	8.708	142	3638046	42.28	ng		99
39) 1,2,4,5-Tetrachloroben...	8.868	216	1136443	27.14	ng		99

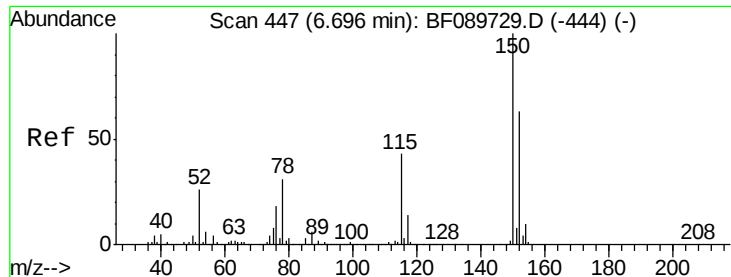
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA F\Data\BF081716\
 Data File : BF089771.D
 Acq On : 17 Aug 2016 19:00
 Operator : UM/SJ
 Sample : H4429-02MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-7A-9-11MSD

Quant Time: Aug 18 08:28:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Hexachlorocyclopentadiene	8.868	237	1459579	78.22	ng	96
42) 2,4,6-Trichlorophenol	8.982	196	1178022	43.56	ng	100
43) 2,4,5-Trichlorophenol	9.028	196	1058024	41.03	ng #	92
45) 1,1'-Biphenyl	9.165	154	3434786	31.84	ng	99
46) 2-Chloronaphthalene	9.188	162	3044862	37.67	ng	98
47) 2-Nitroaniline	9.290	65	1126480	45.74	ng #	63
48) Acenaphthylene	9.599	152	4801114	38.59	ng	97
49) Dimethylphthalate	9.485	163	5703542	60.52	ng #	97
50) 2,6-Dinitrotoluene	9.530	165	879496	41.24	ng #	83
51) Acenaphthene	9.771	154	3002099	35.76	ng	99
52) 3-Nitroaniline	9.691	138	400882	16.17	ng	100
53) 2,4-Dinitrophenol	9.793	184	138830	16.03	ng	94
54) Dibenzofuran	9.942	168	4390677	42.49	ng	99
55) 4-Nitrophenol	9.862	139	1425890	74.74	ng	90
56) 2,4-Dinitrotoluene	9.931	165	1056976	38.55	ng #	64
57) Fluorene	10.285	166	2985678	35.77	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.068	232	919014	45.63	ng	97
59) Diethylphthalate	10.182	149	3955823	41.40	ng	95
60) 4-Chlorophenyl-phenyle...	10.285	204	1343830	32.79	ng	95
61) 4-Nitroaniline	10.308	138	874882	36.34	ng	96
62) Azobenzene	10.445	77	4114890	45.58	ng	97
64) 4,6-Dinitro-2-methylph...	10.331	198	368776	26.01	ng #	73
65) n-Nitrosodiphenylamine	10.411	169	3313338	43.24	ng	99
66) 4-Bromophenyl-phenylether	10.776	248	1031709	40.80	ng #	93
67) Hexachlorobenzene	10.833	284	1126086	40.06	ng #	88
68) Atrazine	10.936	200	900489	38.79	ng	97
69) Pentachlorophenol	11.028	266	1214384	69.35	ng	98
70) Phenanthrene	11.245	178	5134410	42.78	ng	93
71) Anthracene	11.291	178	4408352	35.15	ng	96
72) Carbazole	11.451	167	4944087	41.61	ng	96
73) Di-n-butylphthalate	11.794	149	5352384	37.04	ng	97
74) Fluoranthene	12.422	202	4529798	37.56	ng	91
76) Benzidine	12.548	184	1836714	28.27	ng	99
77) Pyrene	12.651	202	4874794	41.15	ng	92
79) Butylbenzylphthalate	13.291	149	2726111	45.87	ng	96
80) Benzo(a)anthracene	13.839	228	4506617	42.85	ng	97
81) 3,3'-Dichlorobenzidine	13.817	252	1028567	26.84	ng #	94
82) Chrysene	13.885	228	4015600	42.42	ng	95
83) Bis(2-ethylhexyl)phtha...	13.862	149	3468336	44.10	ng #	98
84) Di-n-octyl phthalate	14.502	149	5407247	44.23	ng	97
85) Indeno(1,2,3-cd)pyrene	16.571	276	4176040	51.78	ng	100
87) Benzo(b)fluoranthene	14.925	252	8264579	66.56	ng	97
88) Benzo(k)fluoranthene	14.925	252	8271739	80.94	ng	96
89) Benzo(a)pyrene	15.222	252	3954413	38.58	ng	98
90) Dibenzo(a,h)anthracene	16.594	278	3447413	42.71	ng	96
91) Benzo(g,h,i)perylene	16.960	276	3379702	41.14	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.696 min Scan# 44

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

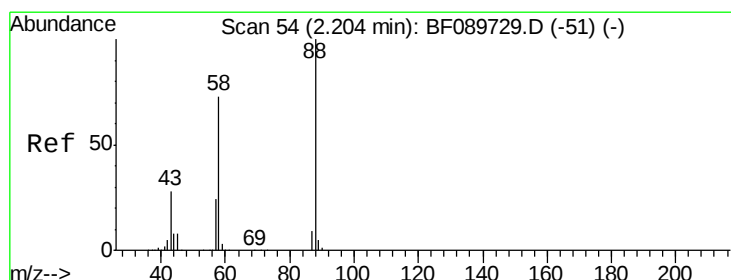
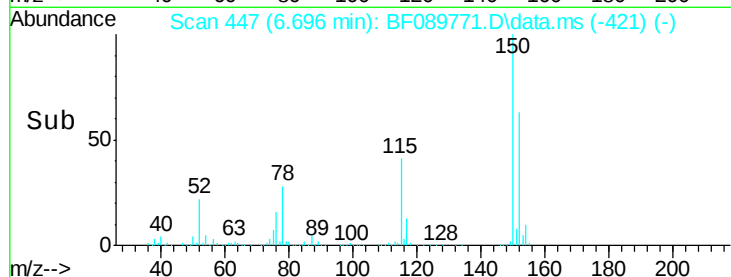
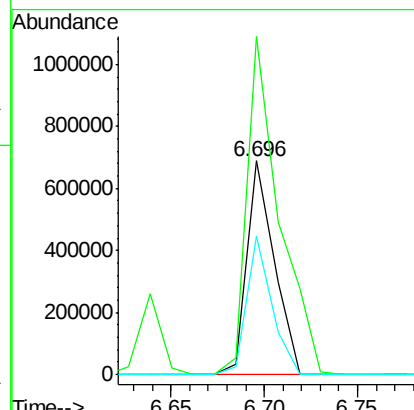
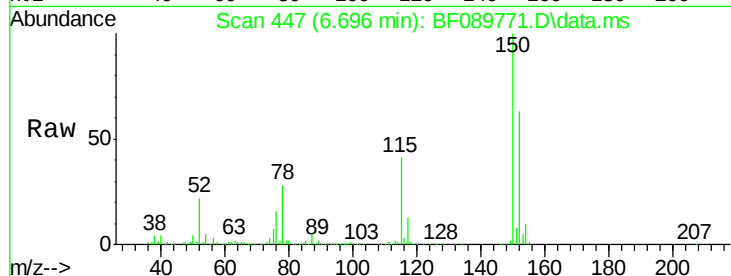
Tot Ion:152 Resp: 698706

Ion Ratio Lower Upper

152 100

150 158.3 125.3 187.9

115 64.8 40.9 61.3#



#2

1,4-Dioxane

Concen: 31.97 ng

RT: 2.261 min Scan# 59

Delta R.T. 0.057 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

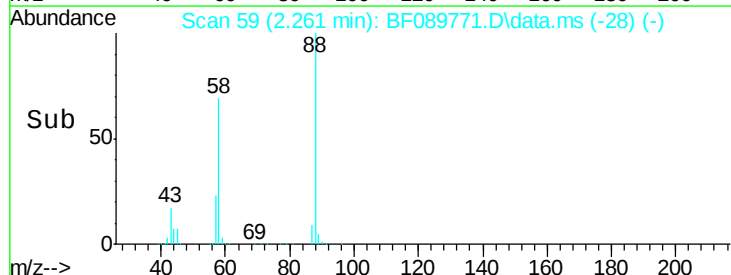
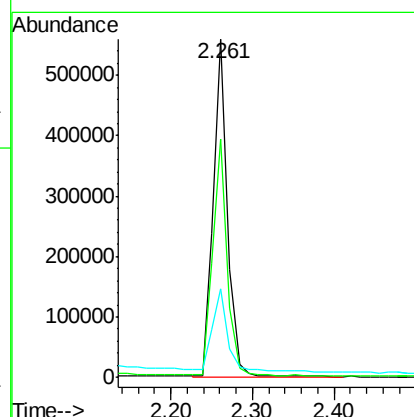
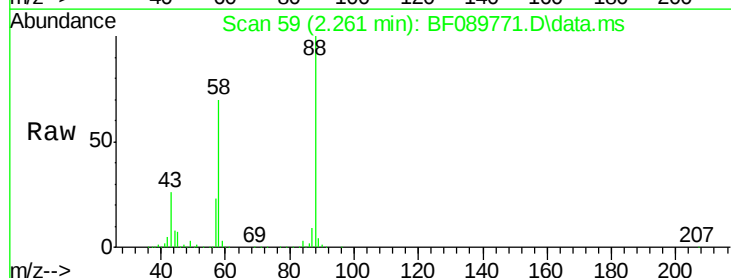
Tgt Ion: 88 Resp: 691070

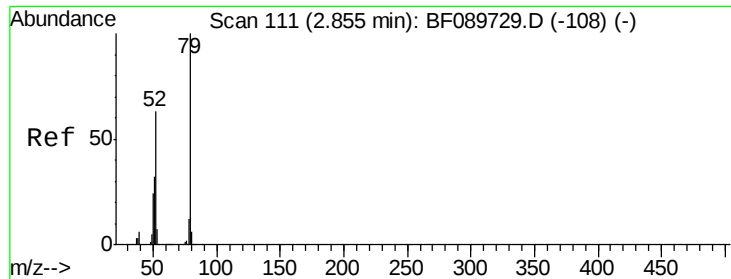
Ion Ratio Lower Upper

88 100

58 70.9 57.0 85.4

43 30.6 21.8 32.8





#3

Pvridine

Concen: 34.90 ng

RT: 2.901 min Scan# 111

Delta R.T. 0.046 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

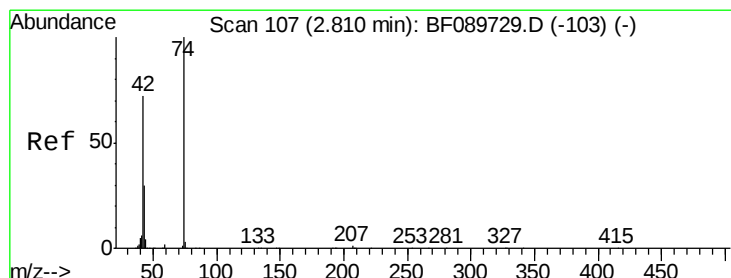
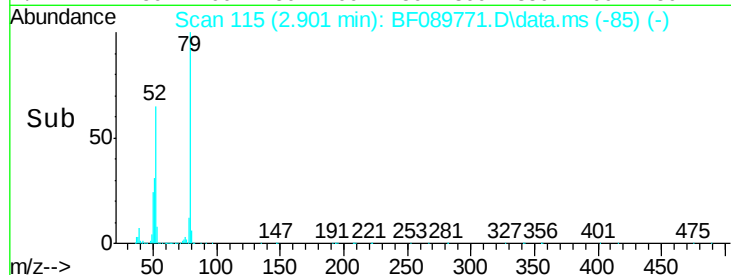
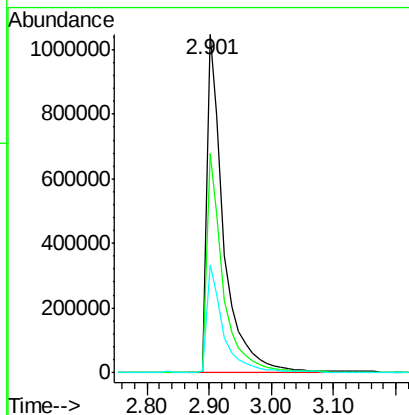
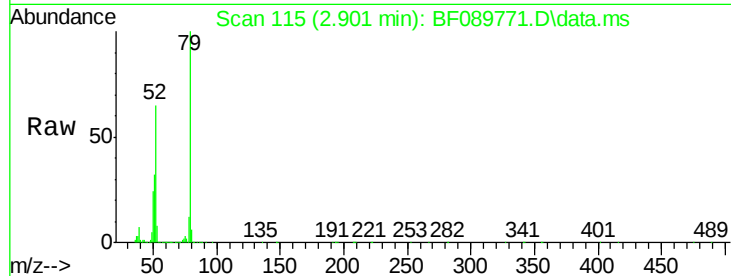
Tot Ion: 79 Resp: 1944376

Ion Ratio Lower Upper

79 100

52 64.6 53.6 80.4

51 31.7 26.6 39.8



#4

n-Nitrosodimethylamine

Concen: 38.23 ng

RT: 2.867 min Scan# 112

Delta R.T. 0.057 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

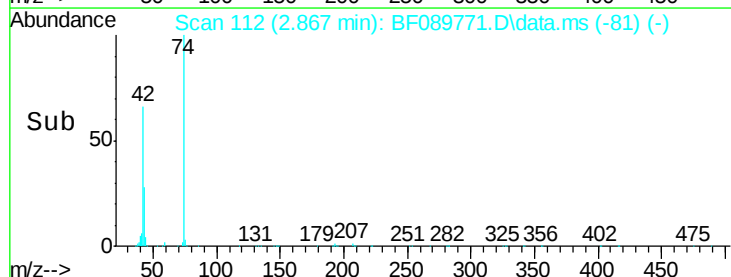
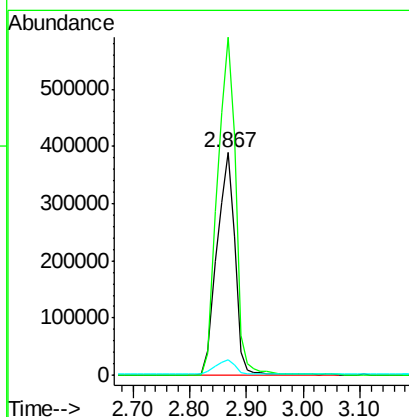
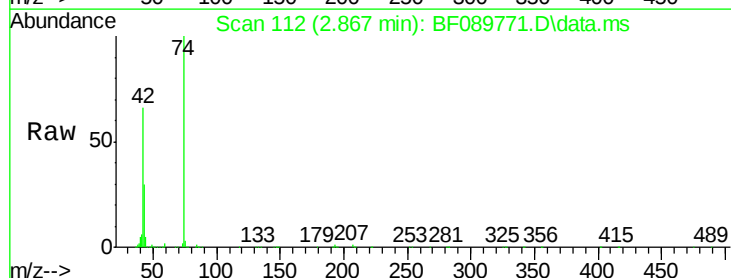
Tgt Ion: 42 Resp: 854825

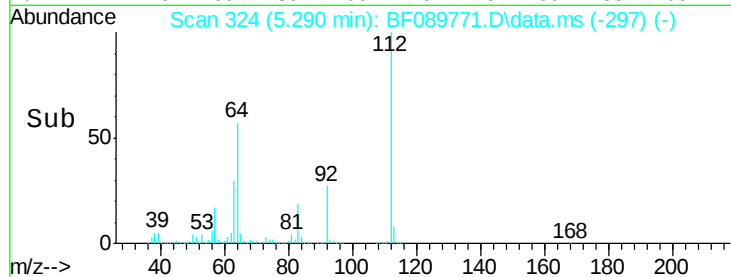
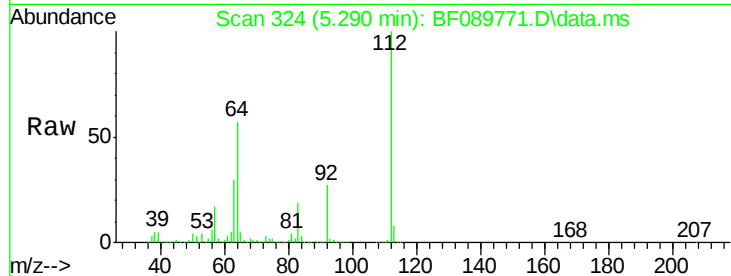
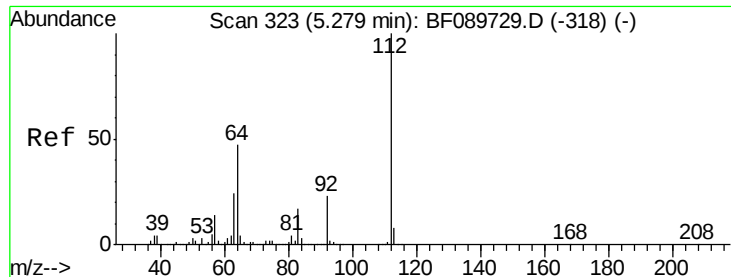
Ion Ratio Lower Upper

42 100

74 151.7 106.2 159.2

44 6.9 6.9 10.3#





#5

2-Fluorophenol

Concen: 103.58 ng

RT: 5.290 min Scan# 32

Delta R.T. 0.012 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

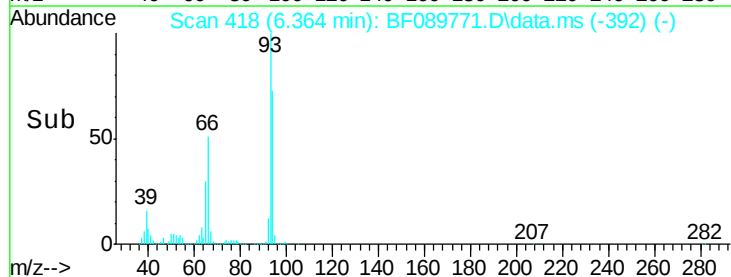
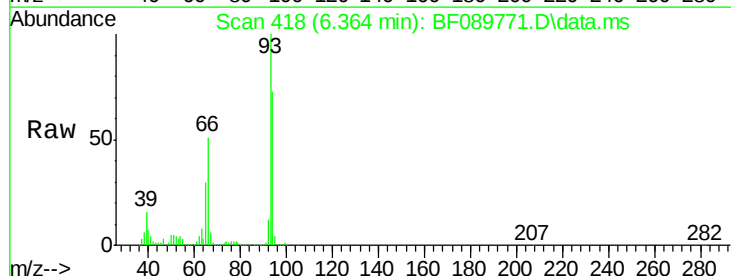
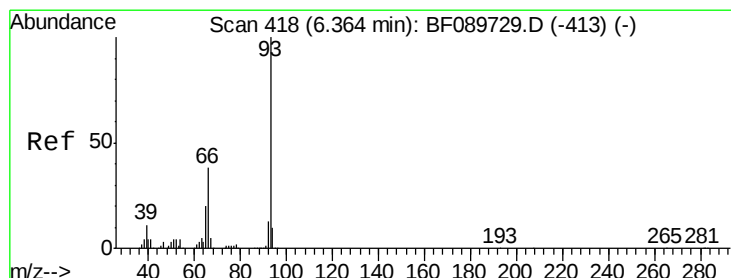
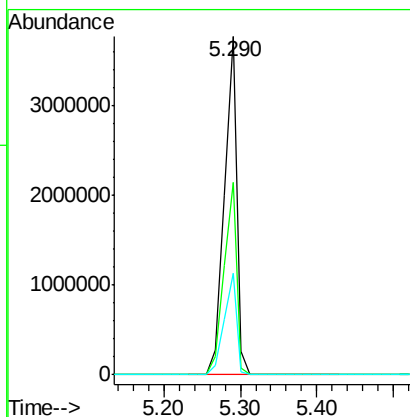
Tot Ion:112 Resp: 4337482

Ion Ratio Lower Upper

112 100

64 57.0 45.0 67.4

63 29.8 23.1 34.7



#6

Aniline

Concen: 16.61 ng

RT: 6.364 min Scan# 418

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

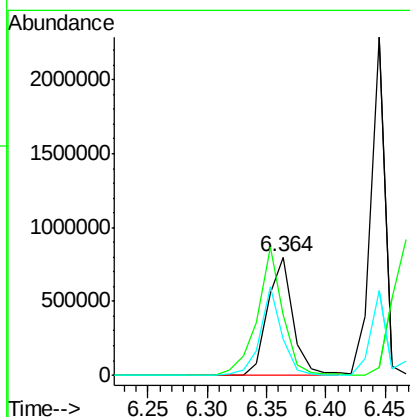
Tgt Ion: 93 Resp: 1189024

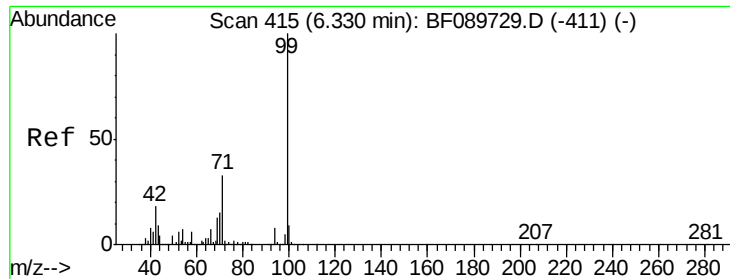
Ion Ratio Lower Upper

93 100

66 51.3 30.6 46.0#

65 30.1 15.4 23.2#





#7

Phenol-d6

Concen: 109.88 ng

RT: 6.342 min Scan# 41

Delta R.T. 0.011 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

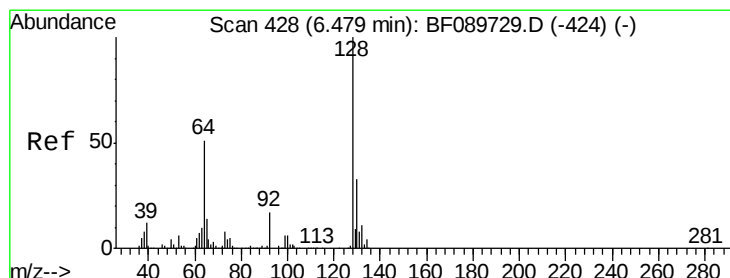
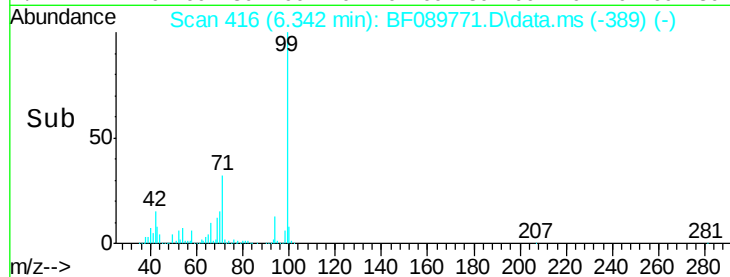
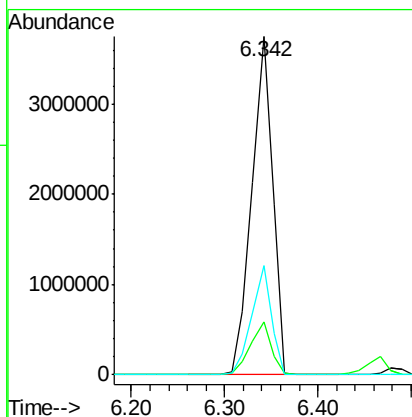
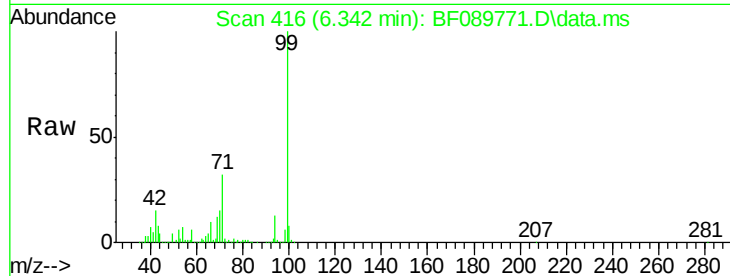
Tot Ion: 99 Resp: 5852964

Ion Ratio Lower Upper

99 100

42 15.5 12.2 18.4

71 32.2 23.8 35.8



#8

2-Chlorophenol

Concen: 39.37 ng

RT: 6.490 min Scan# 429

Delta R.T. 0.012 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

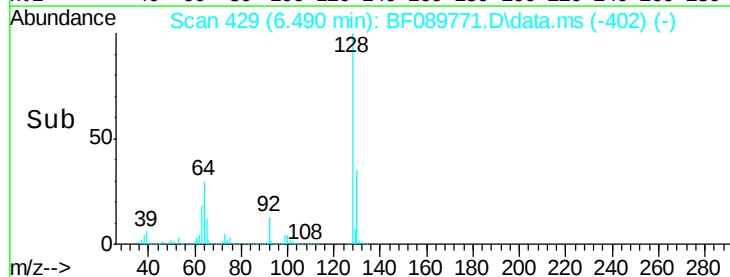
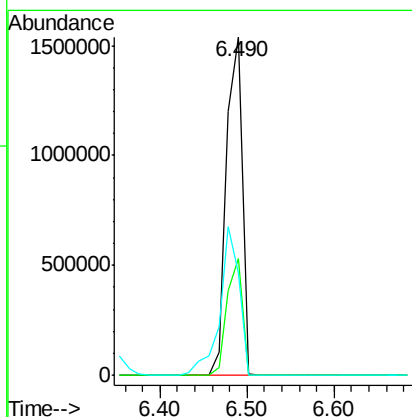
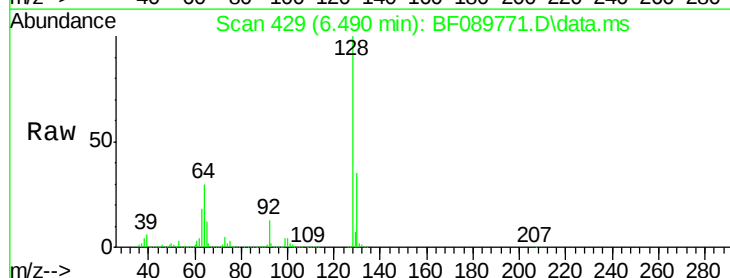
Tgt Ion:128 Resp: 1961247

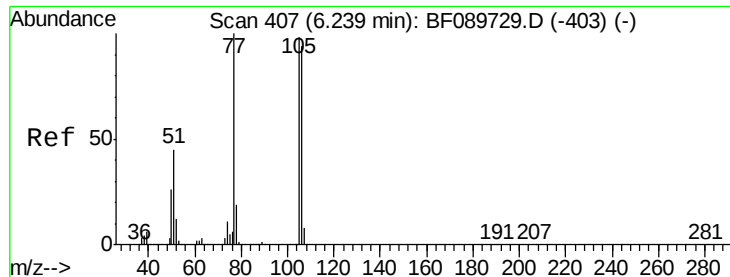
Ion Ratio Lower Upper

128 100

130 34.6 12.0 52.0

64 30.4 35.1 75.1#





#9

Benzaldehyde

Concen: 19.87 ng

RT: 6.239 min Scan# 407

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

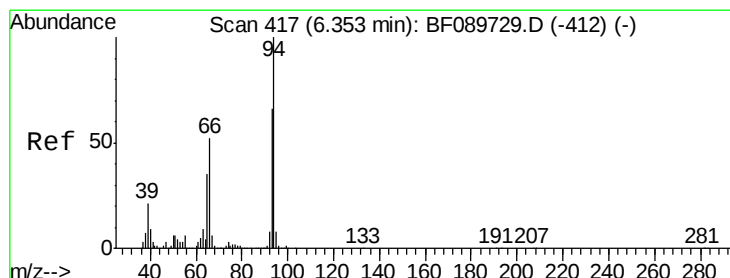
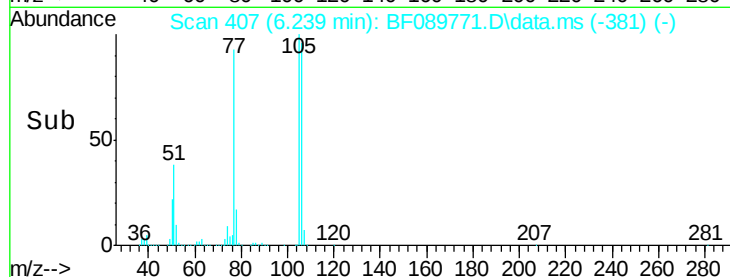
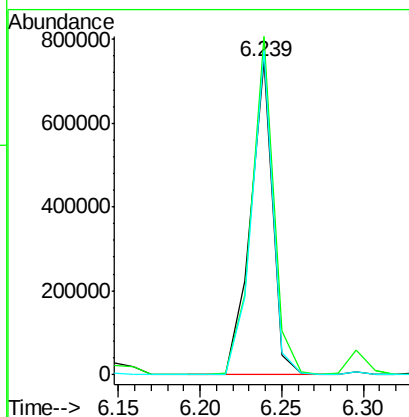
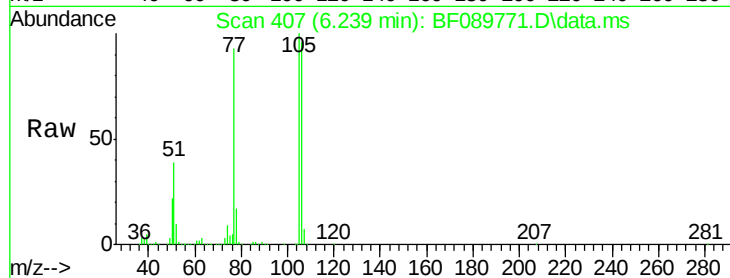
Tot Ion: 77 Resp: 701434

Ion Ratio Lower Upper

77 100

105 107.6 73.3 113.3

106 103.3 68.6 108.6



#10

Phenol

Concen: 30.32 ng

RT: 6.353 min Scan# 417

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

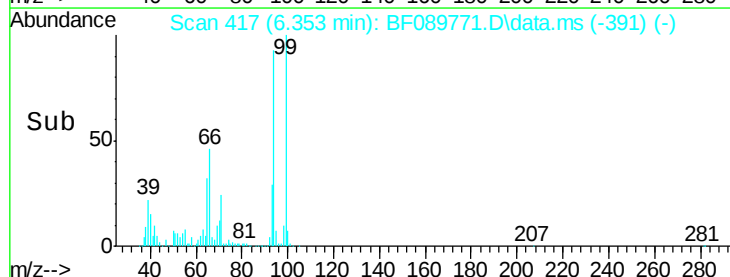
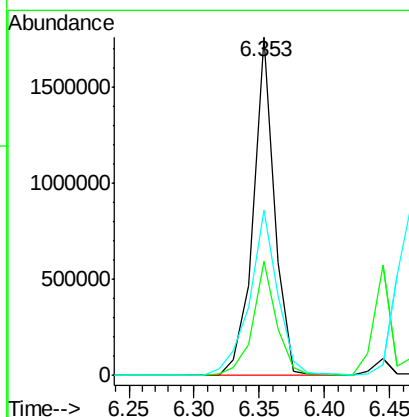
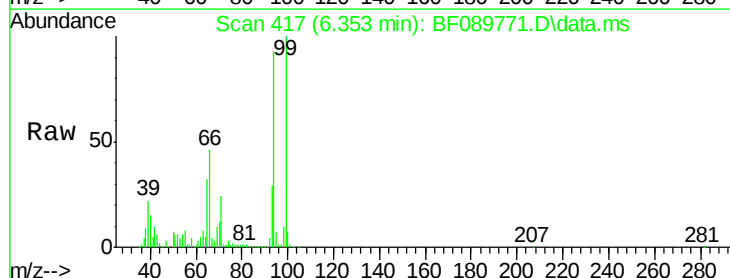
Tgt Ion: 94 Resp: 2009899

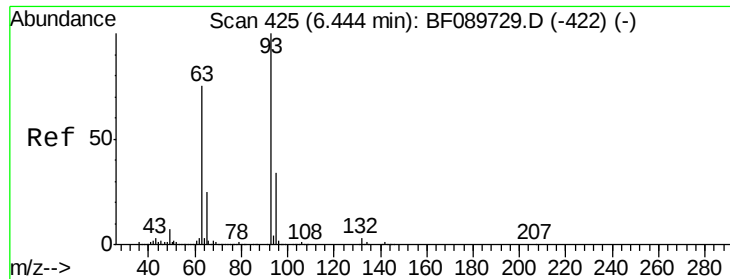
Ion Ratio Lower Upper

94 100

65 33.9 14.0 54.0

66 49.0 31.2 71.2

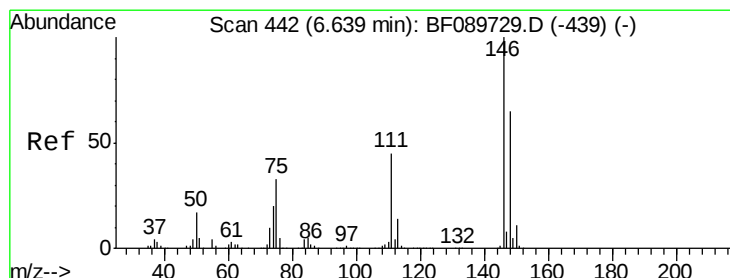
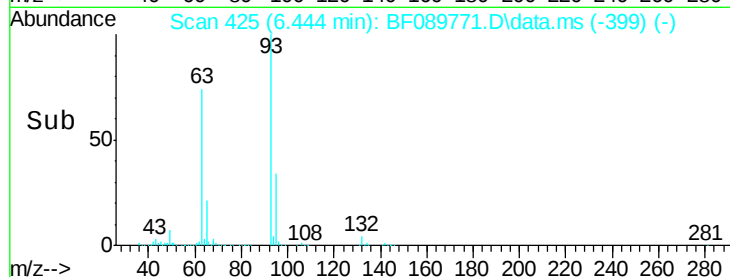
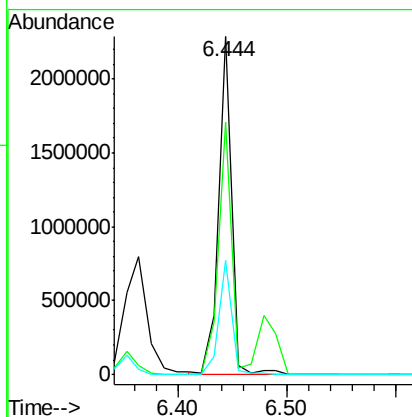
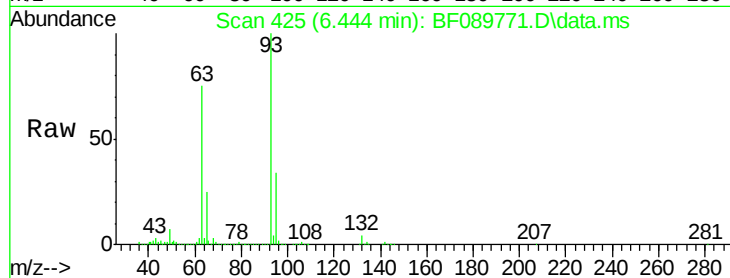




#11
bis(2-Chloroethyl)ether
Concen: 39.35 ng
RT: 6.444 min Scan# 425
Delta R.T. 0.000 min
Lab File: BF089771.D
Acq: 17 Aug 2016 19:00

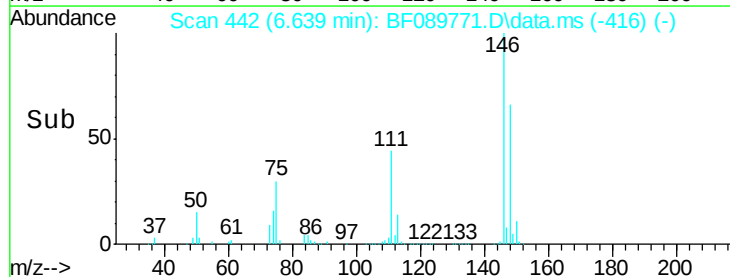
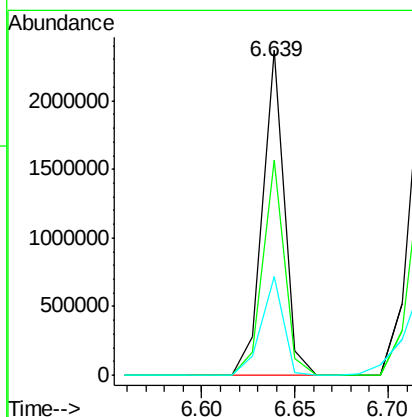
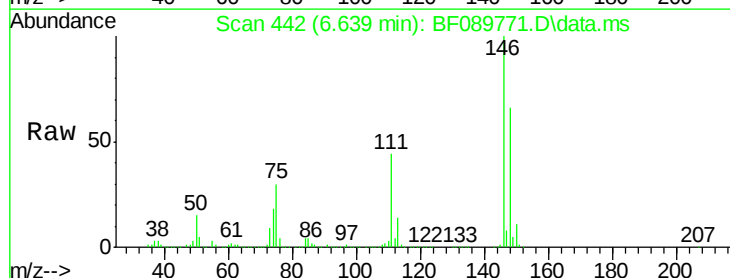
Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11MSD

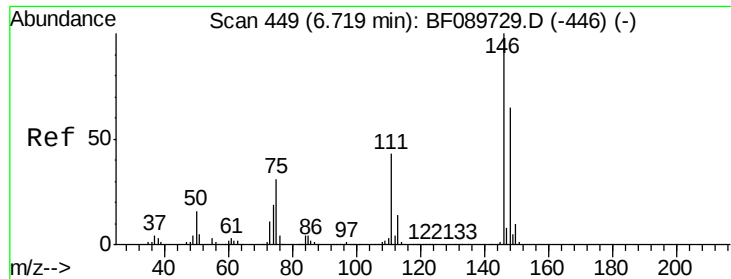
Tot Ion: 93 Resp: 1932999
Ion Ratio Lower Upper
93 100
63 74.6 55.8 95.8
95 33.9 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 36.54 ng
RT: 6.639 min Scan# 442
Delta R.T. 0.000 min
Lab File: BF089771.D
Acq: 17 Aug 2016 19:00

Tgt Ion: 146 Resp: 1945528
Ion Ratio Lower Upper
146 100
148 66.2 51.0 76.4
75 30.4 27.0 40.6

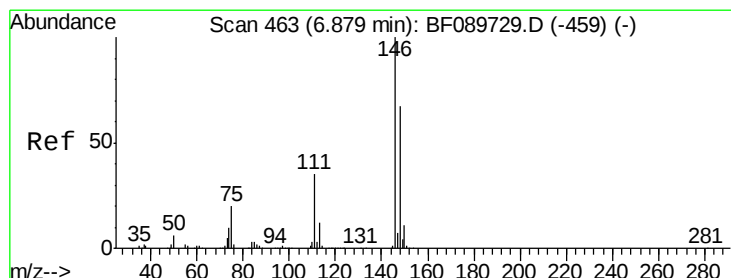
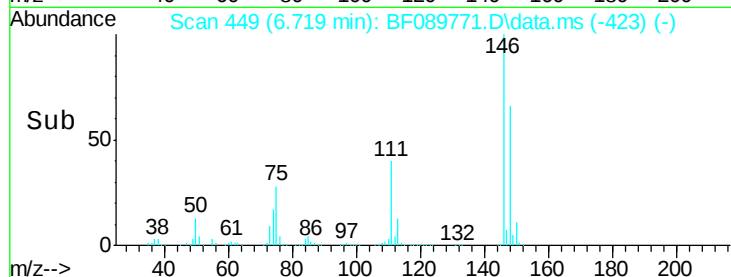
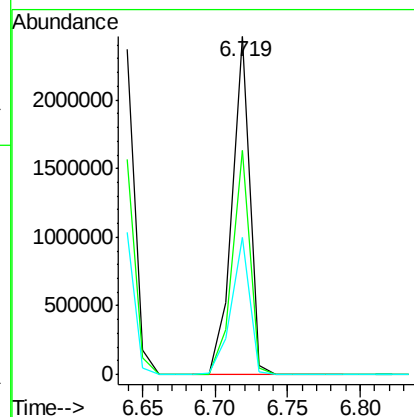
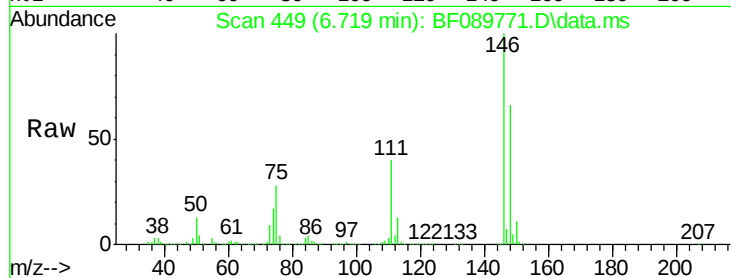




#13
 1,4-Dichlorobenzene
 Concen: 38.80 ng
 RT: 6.719 min Scan# 449
 Delta R.T. 0.000 min
 Lab File: BF089771.D
 Acq: 17 Aug 2016 19:00

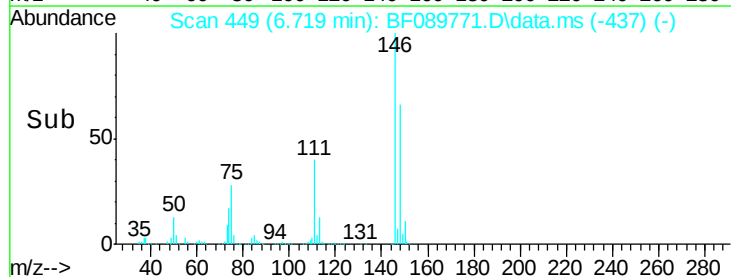
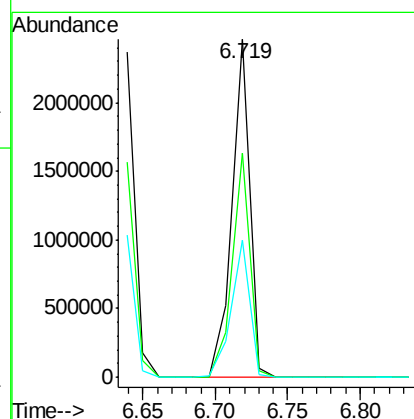
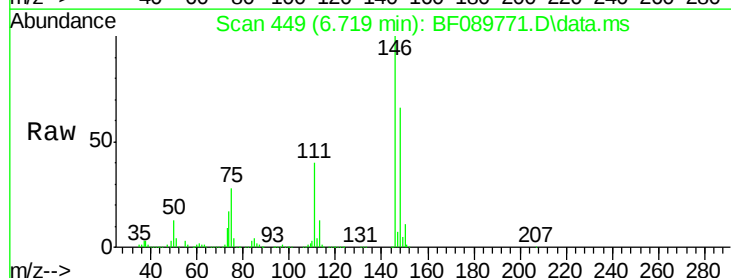
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-7A-9-11MSD

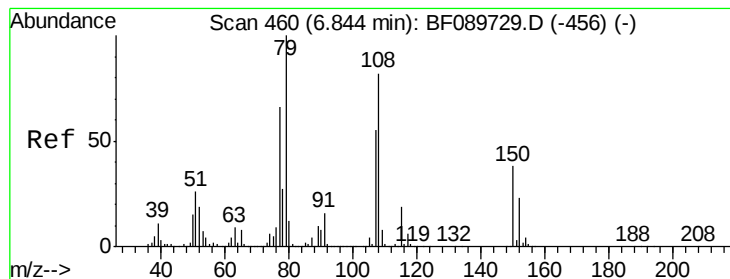
Tot Ion:146 Resp: 2092918
 Ion Ratio Lower Upper
 146 100
 148 66.4 51.0 76.6
 111 40.4 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 40.70 ng
 RT: 6.719 min Scan# 449
 Delta R.T. -0.160 min
 Lab File: BF089771.D
 Acq: 17 Aug 2016 19:00

Tgt Ion:146 Resp: 2092918
 Ion Ratio Lower Upper
 146 100
 148 66.4 52.2 78.2
 111 40.4 29.8 44.6





#15

Benzyl Alcohol

Concen: 42.71 ng

RT: 6.845 min Scan# 460

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

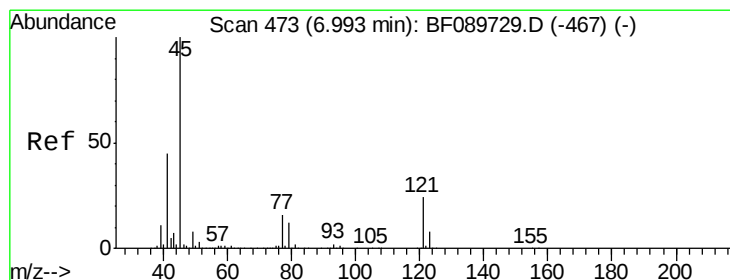
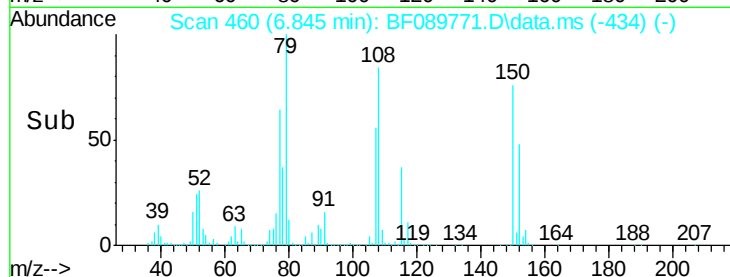
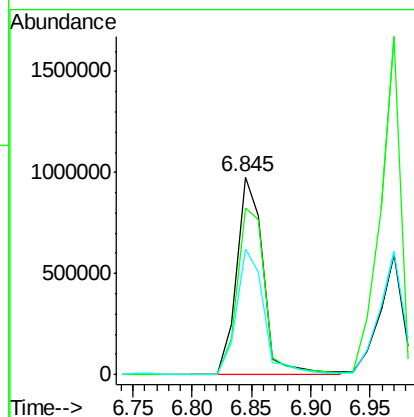
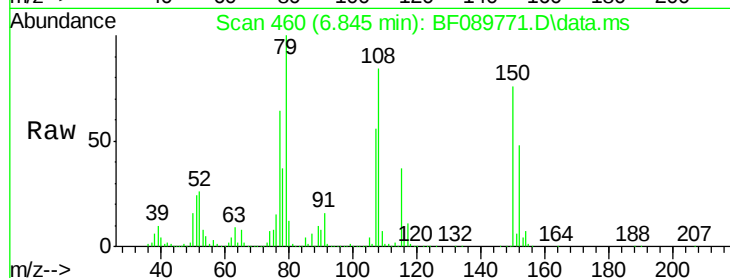
Tot Ion: 79 Resp: 1520161

Ion Ratio Lower Upper

79 100

108 84.2 62.5 93.7

77 63.8 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.61 ng

RT: 6.993 min Scan# 473

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

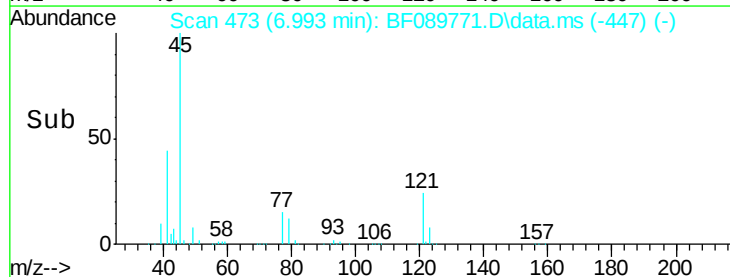
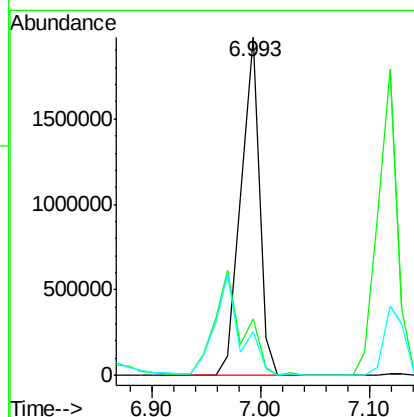
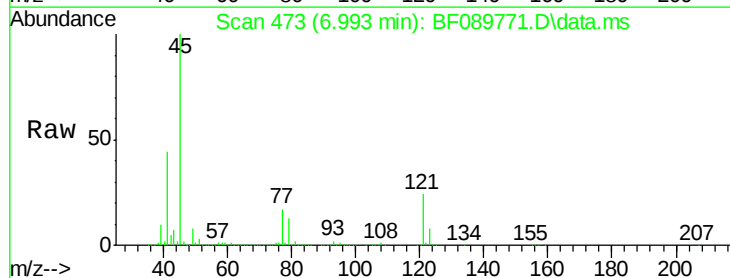
Tgt Ion: 45 Resp: 2294833

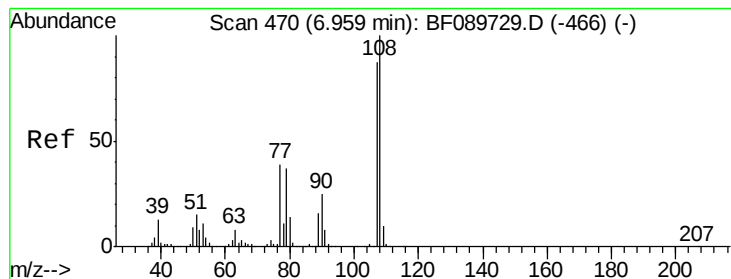
Ion Ratio Lower Upper

45 100

77 16.6 0.0 33.5

79 12.9 0.0 30.7





#17

2-Methylphenol

Concen: 43.60 ng

RT: 6.970 min Scan# 47

Delta R.T. 0.011 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

Tot Ion:107 Resp: 1725399

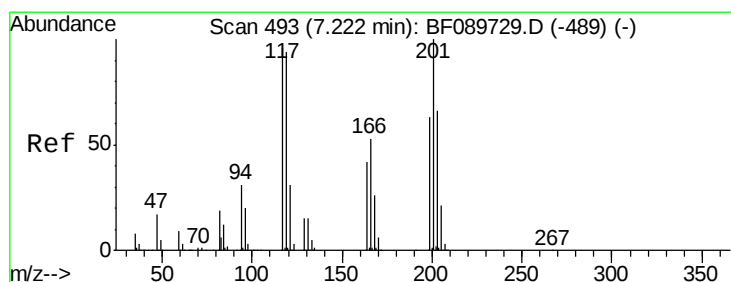
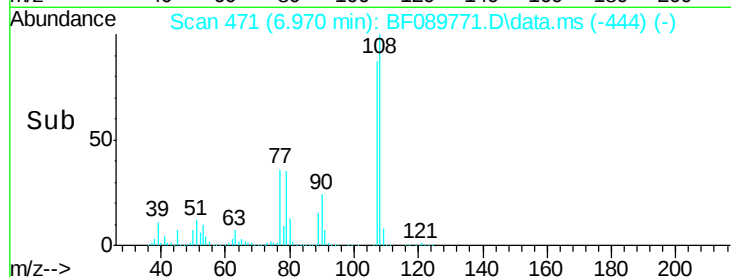
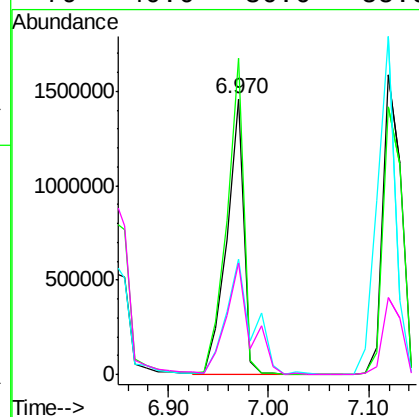
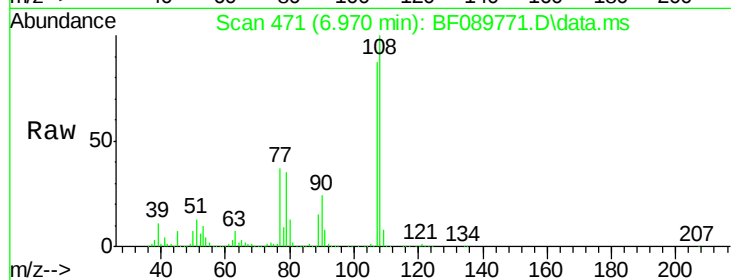
Ion Ratio Lower Upper

107 100

108 114.6 91.0 136.4

77 41.9 37.4 56.0

79 40.6 36.6 55.0



#18

Hexachloroethane

Concen: 39.59 ng

RT: 7.210 min Scan# 492

Delta R.T. -0.011 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

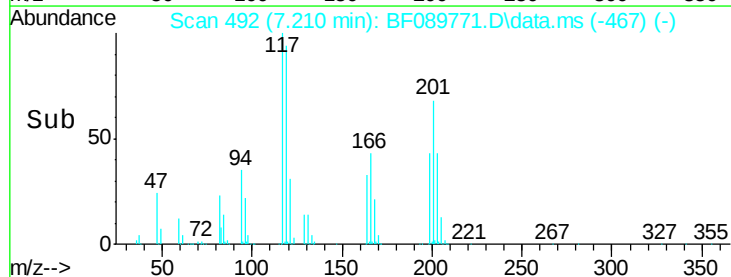
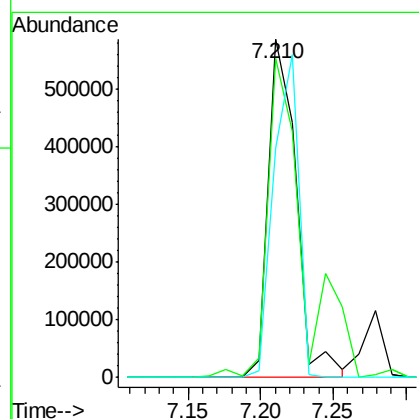
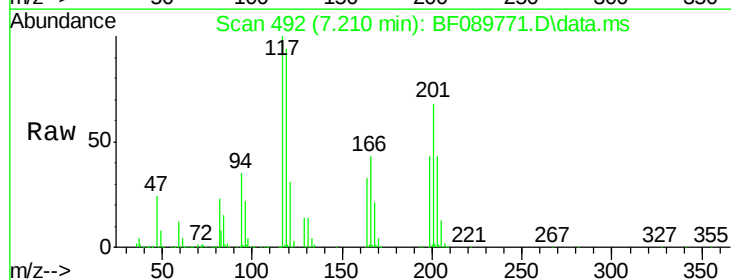
Tgt Ion:117 Resp: 782590

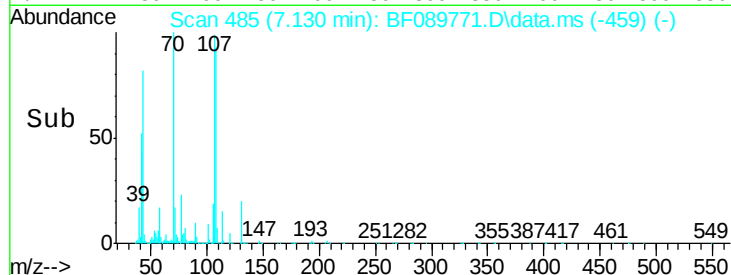
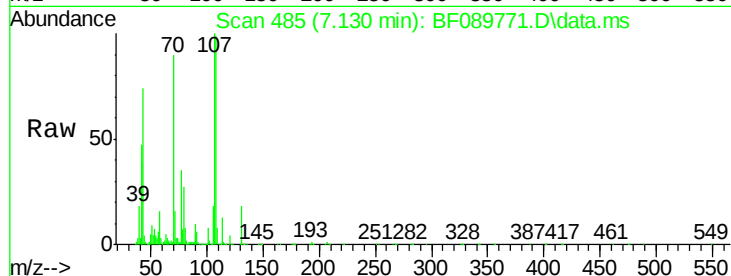
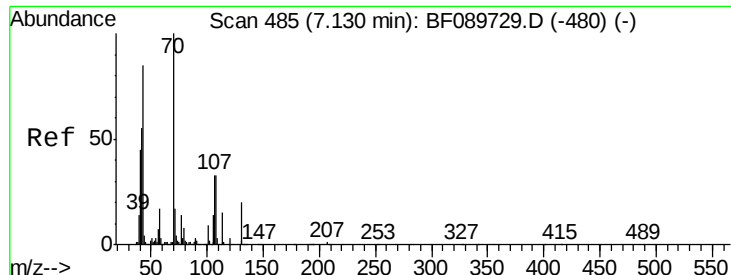
Ion Ratio Lower Upper

117 100

119 94.4 77.1 115.7

201 67.8 76.9 115.3#

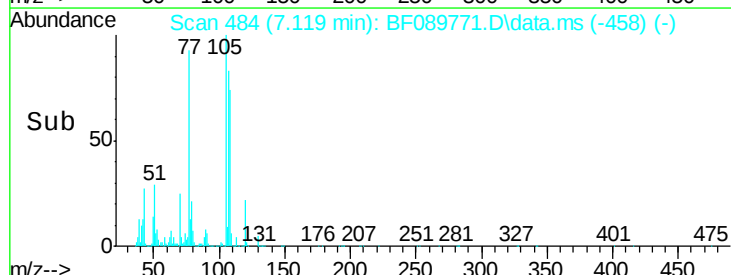
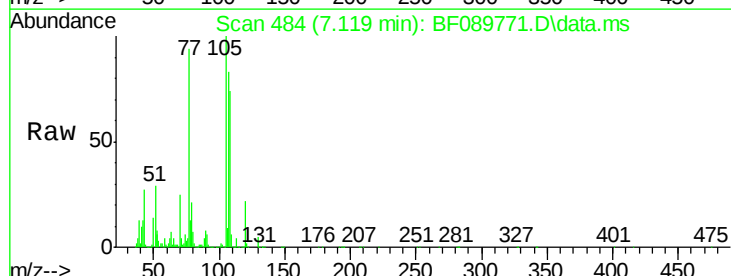
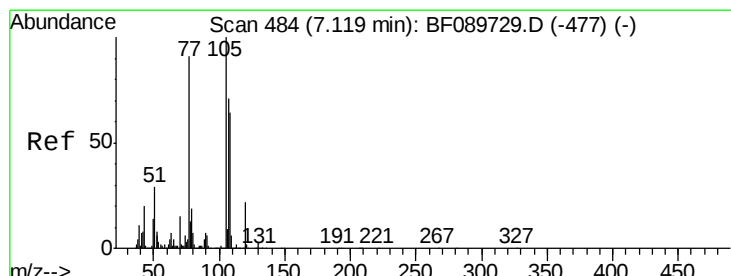
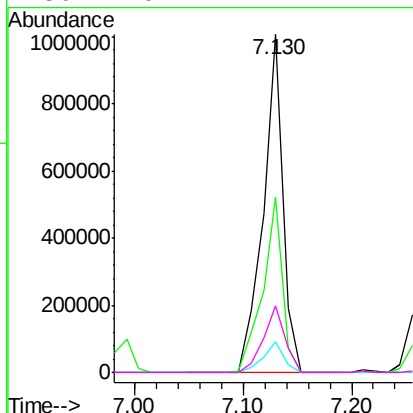




#19
n-Nitroso-di-n-propylamine
Concen: 36.51 ng
RT: 7.130 min Scan# 485
Delta R.T. 0.000 min
Lab File: BF089771.D
Acq: 17 Aug 2016 19:00

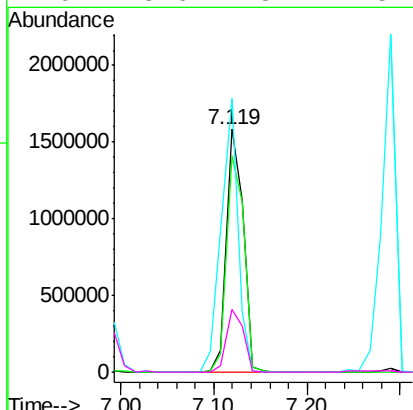
Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11MSD

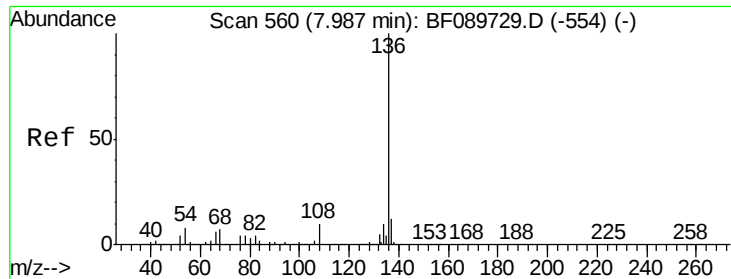
Tot Ion:	70	Resp:	1273768
Ion	Ratio	Lower	Upper
70	100		
42	51.9	46.3	69.5
101	9.2	7.0	10.6
130	19.7	14.4	21.6



#20
3+4-Methylphenols
Concen: 39.14 ng
RT: 7.119 min Scan# 484
Delta R.T. 0.001 min
Lab File: BF089771.D
Acq: 17 Aug 2016 19:00

Tgt Ion:	107	Resp:	1983465
Ion	Ratio	Lower	Upper
107	100		
108	89.2	68.2	108.2
77	113.0	122.3	162.3#
79	25.6	8.2	48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.987 min Scan# 56

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

Tot Ion:136 Resp: 2816677

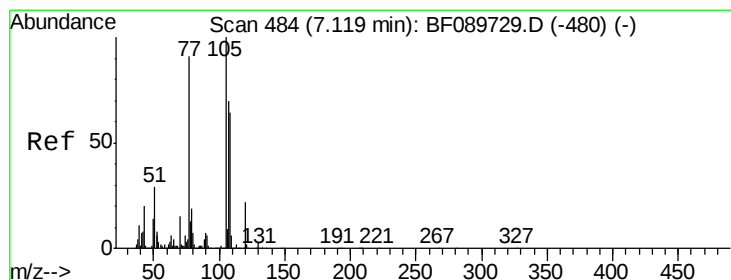
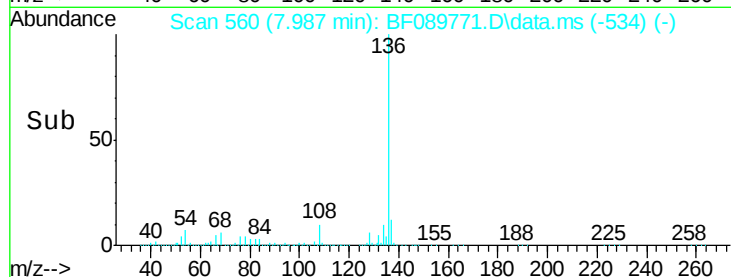
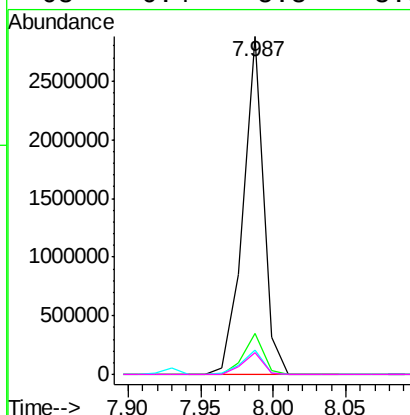
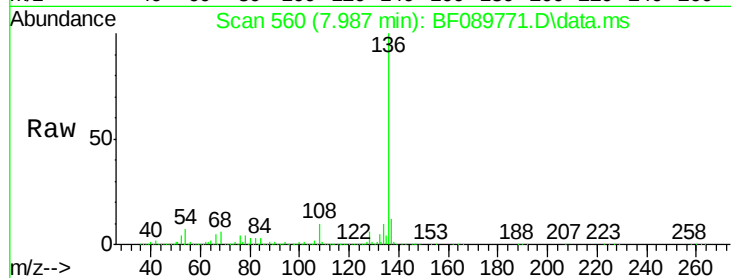
Ion Ratio Lower Upper

136 100

137 12.1 9.2 13.8

54 7.2 7.2 10.8

68 6.4 5.8 8.8



#22

Acetophenone

Concen: 35.97 ng

RT: 7.119 min Scan# 484

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Tgt Ion:105 Resp: 2354782

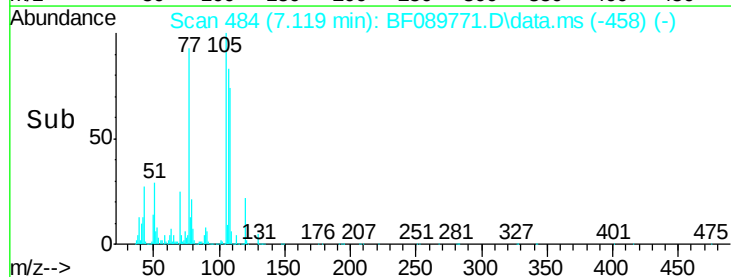
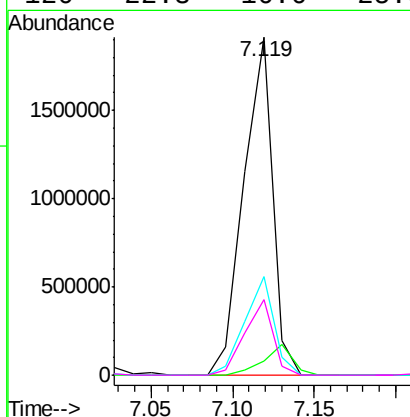
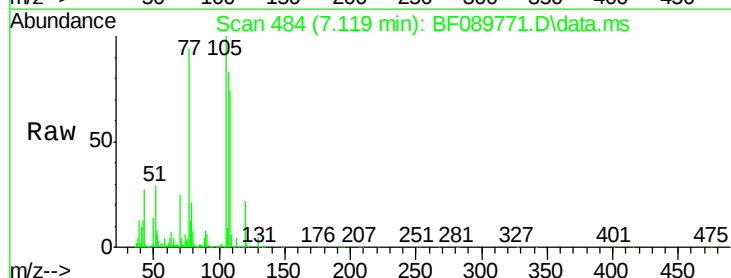
Ion Ratio Lower Upper

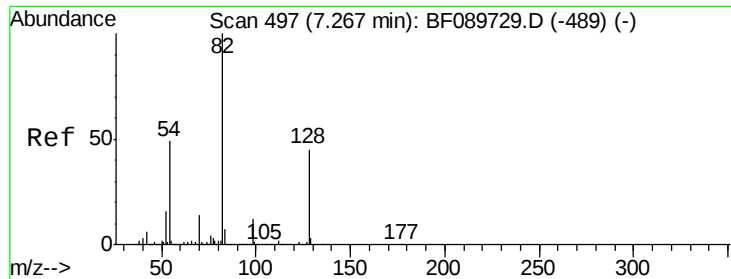
105 100

71 4.2 1.9 2.9#

51 29.1 28.5 42.7

120 22.3 16.6 25.0





#23

Nitrobenzene-d5

Concen: 72.35 ng

RT: 7.267 min Scan# 49

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

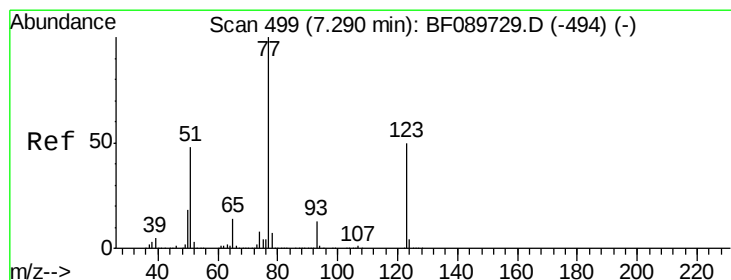
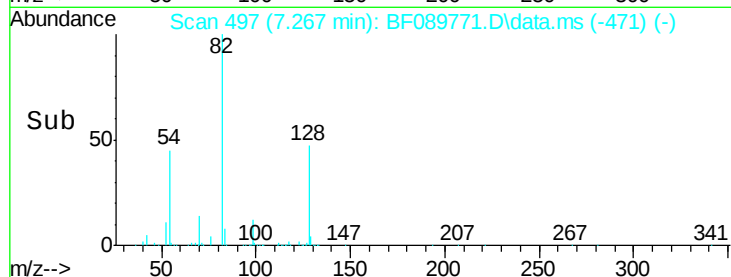
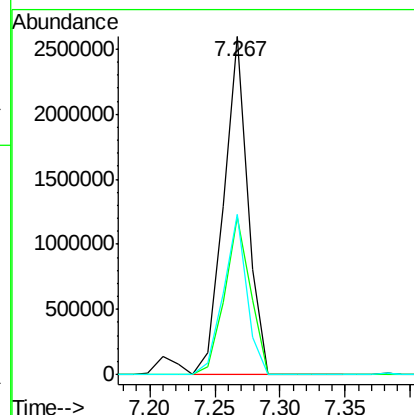
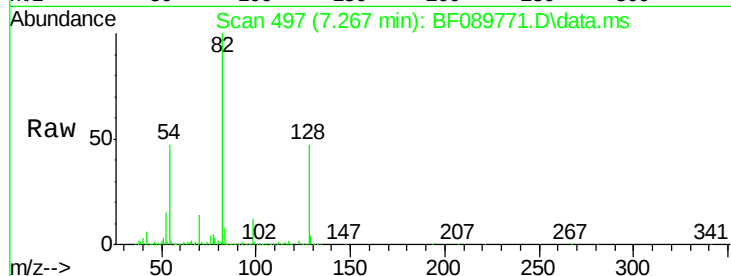
Tot Ion: 82 Resp: 3337547

Ion Ratio Lower Upper

82 100

128 46.7 34.4 51.6

54 47.3 40.3 60.5



#24

Nitrobenzene

Concen: 43.19 ng

RT: 7.290 min Scan# 499

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

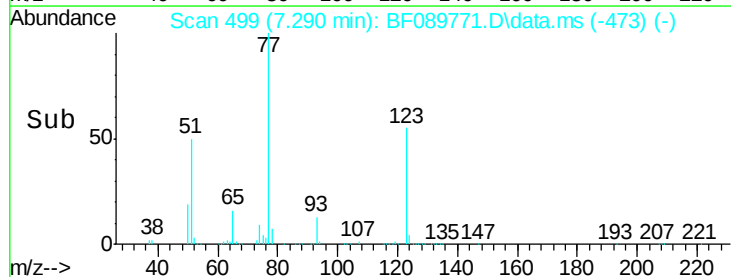
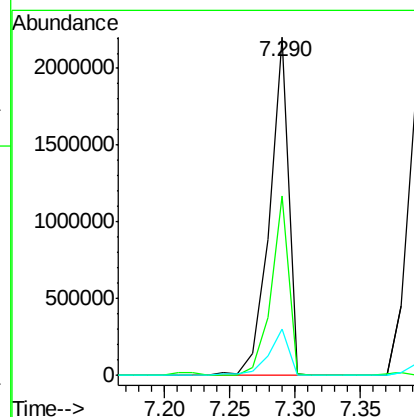
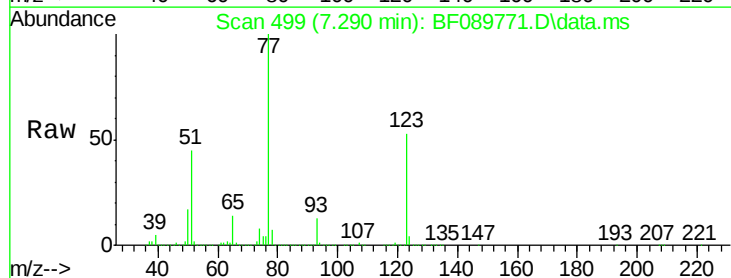
Tgt Ion: 77 Resp: 2240991

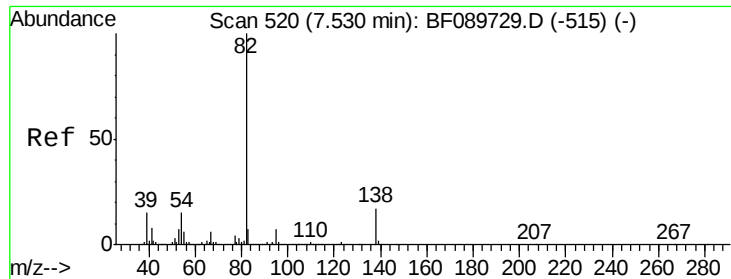
Ion Ratio Lower Upper

77 100

123 53.2 36.2 54.2

65 13.5 10.6 15.8





#25

Isophorone

Concen: 40.37 ng

RT: 7.530 min Scan# 52

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

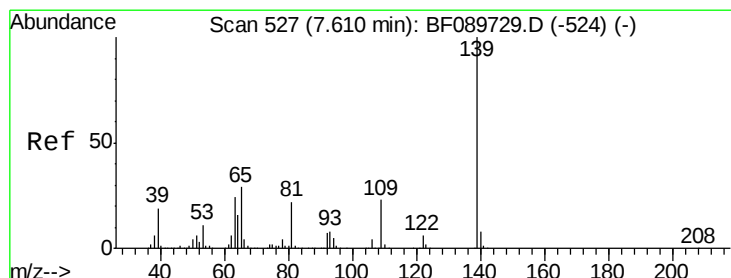
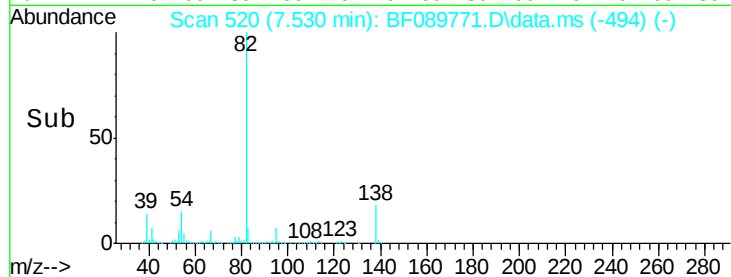
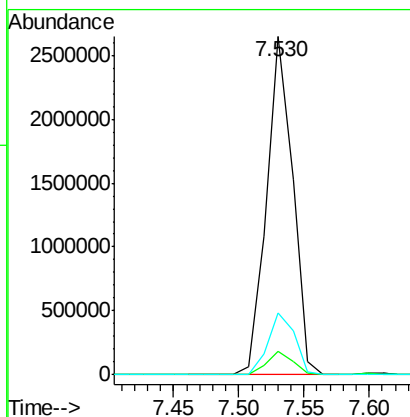
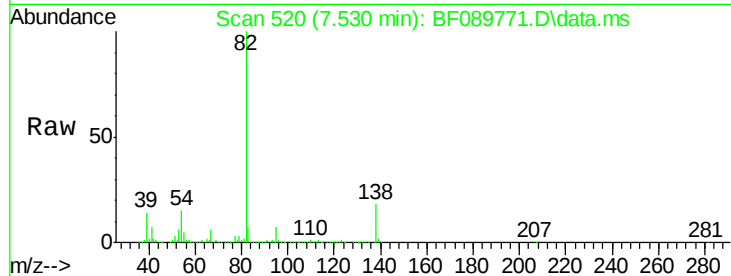
Tot Ion: 82 Resp: 3725556

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.2 13.0 19.4



#26

2-Nitrophenol

Concen: 42.83 ng

RT: 7.610 min Scan# 527

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

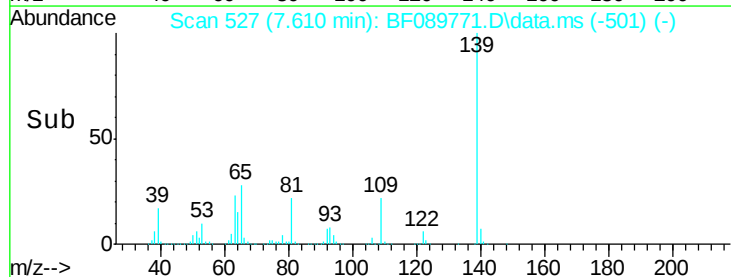
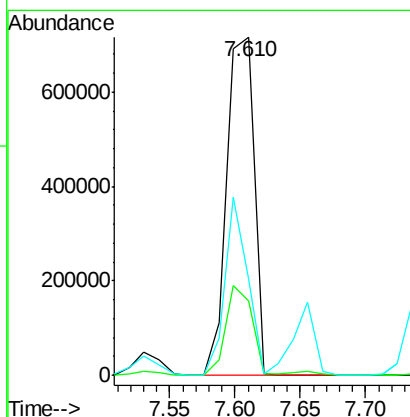
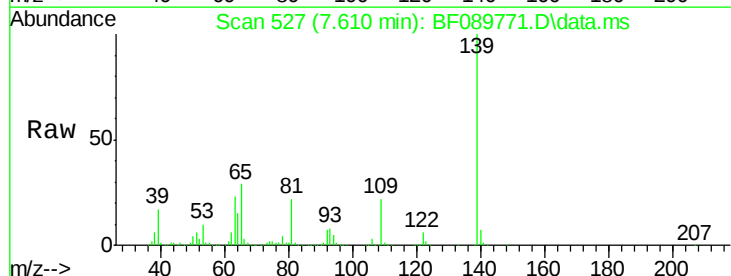
Tgt Ion: 139 Resp: 1045728

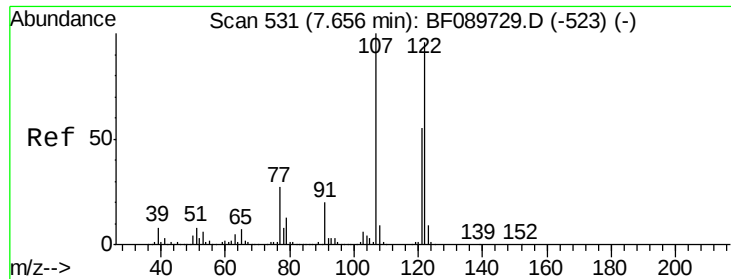
Ion Ratio Lower Upper

139 100

109 22.1 19.5 29.3

65 28.5 26.5 39.7





#27

2,4-Dimethylphenol

Concen: 43.00 ng

RT: 7.656 min Scan# 531

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

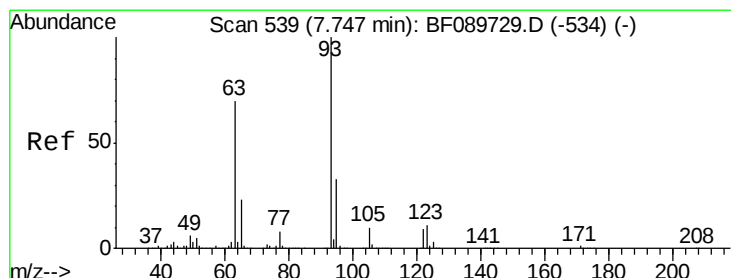
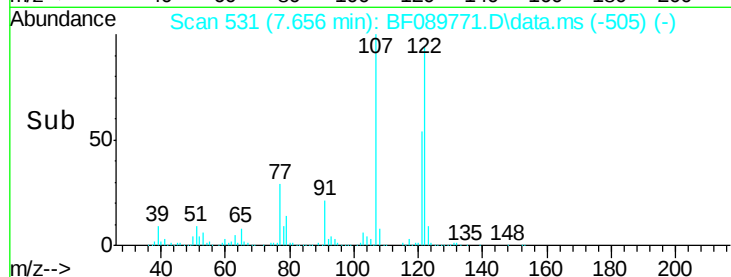
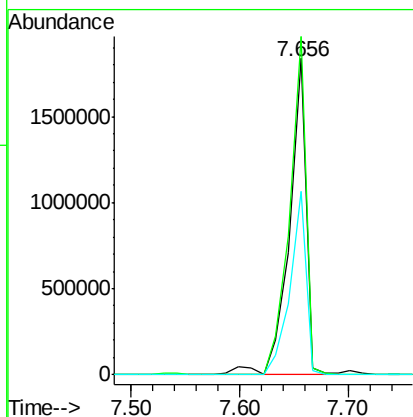
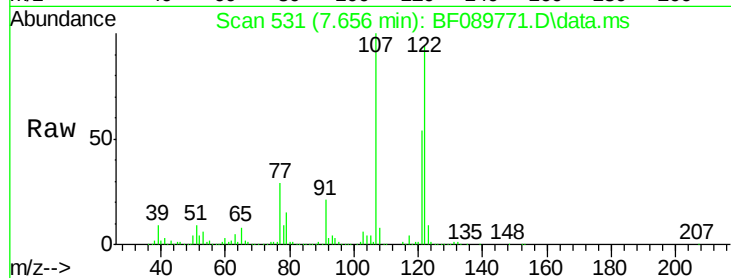
Tot Ion:122 Resp: 1990109

Ion Ratio Lower Upper

122 100

107 106.7 84.8 127.2

121 57.8 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 40.01 ng

RT: 7.747 min Scan# 539

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

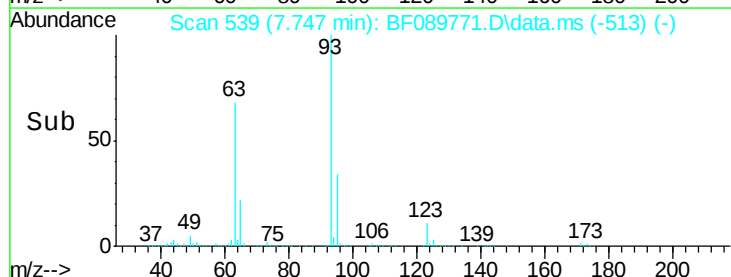
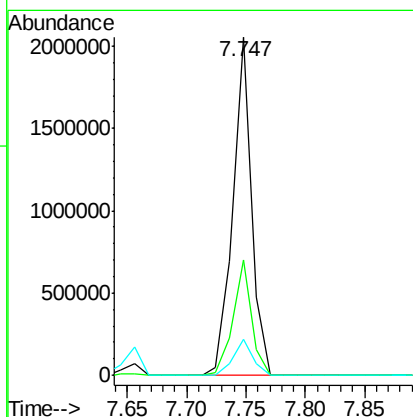
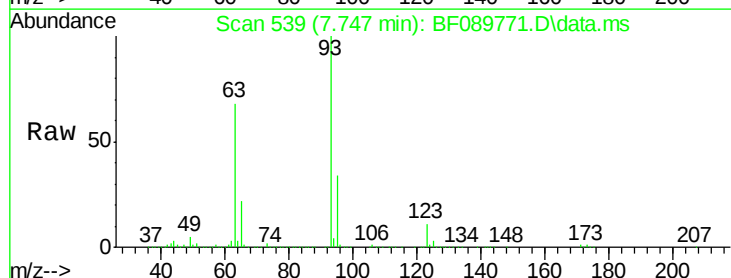
Tgt Ion: 93 Resp: 2244167

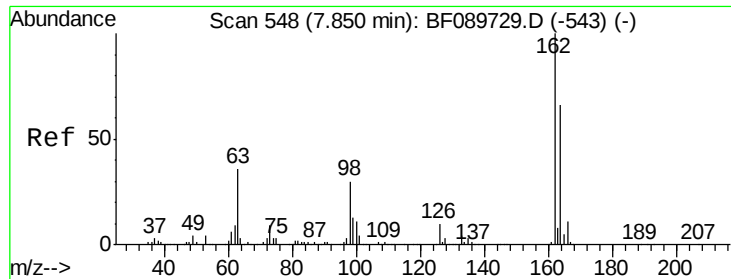
Ion Ratio Lower Upper

93 100

95 33.9 25.5 38.3

123 10.8 8.5 12.7

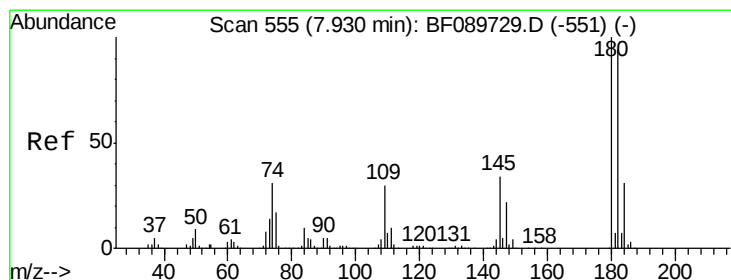
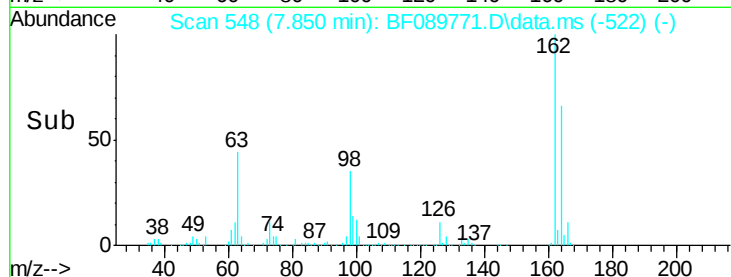
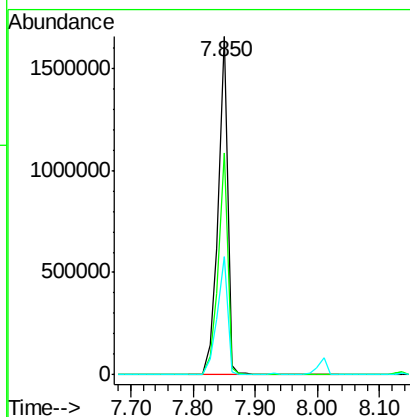
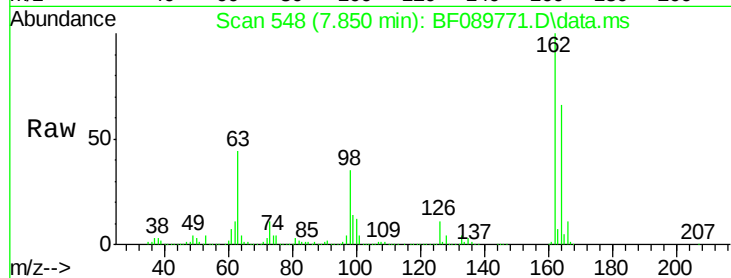




#29
 2,4-Dichlorophenol
 Concen: 44.31 ng
 RT: 7.850 min Scan# 548
 Delta R.T. 0.000 min
 Lab File: BF089771.D
 Acq: 17 Aug 2016 19:00

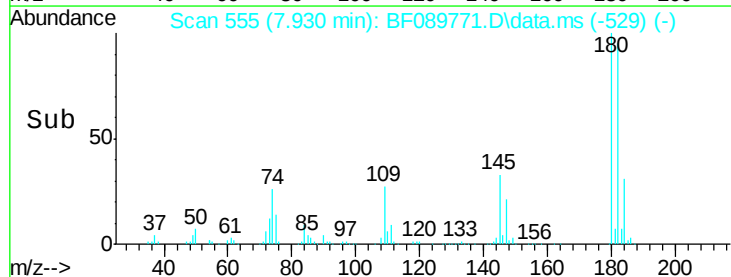
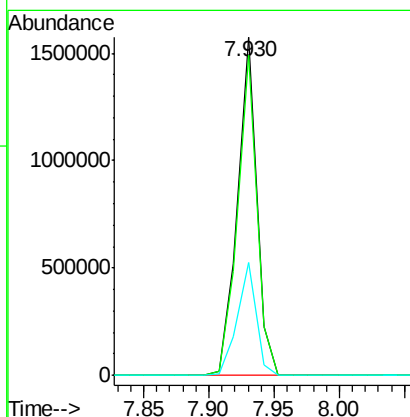
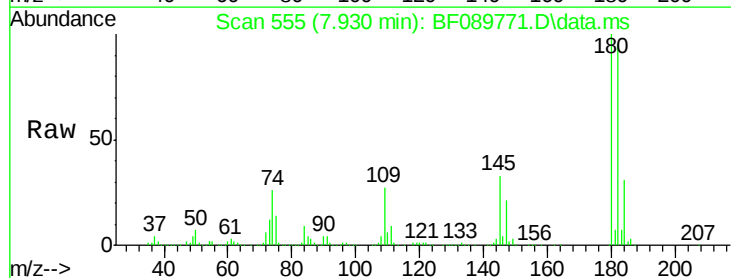
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-7A-9-11MSD

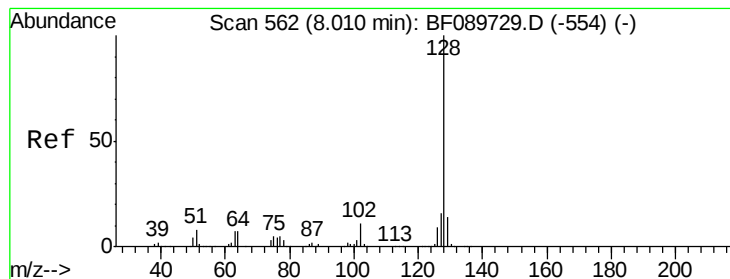
Tot Ion:162 Resp: 1707194
 Ion Ratio Lower Upper
 162 100
 164 65.5 45.5 85.5
 98 34.9 12.4 52.4



#30
 1,2,4-Trichlorobenzene
 Concen: 38.80 ng
 RT: 7.930 min Scan# 555
 Delta R.T. 0.000 min
 Lab File: BF089771.D
 Acq: 17 Aug 2016 19:00

Tgt Ion:180 Resp: 1604935
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.5 113.3
 145 33.4 28.7 43.1





#31

Naphthalene

Concen: 40.63 ng

RT: 8.010 min Scan# 56

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

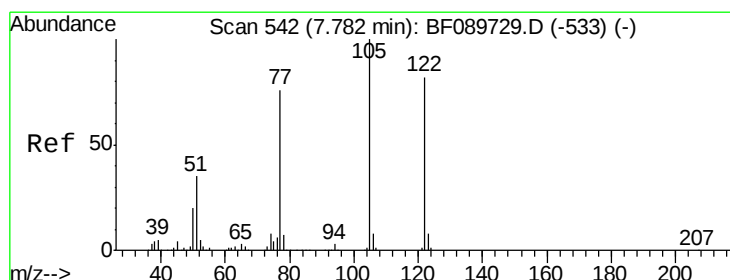
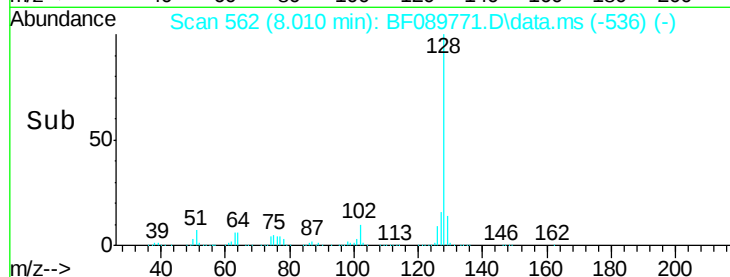
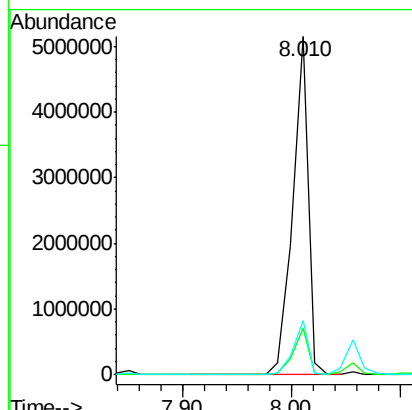
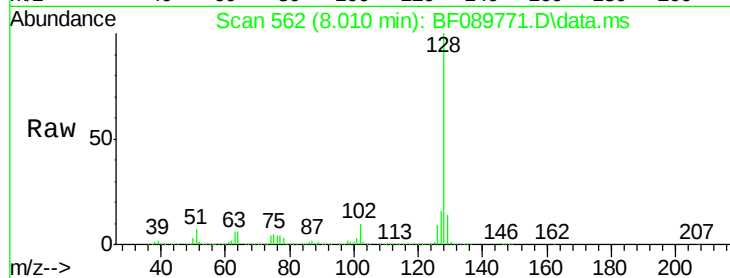
Tot Ion:128 Resp: 5136309

Ion Ratio Lower Upper

128 100

129 13.8 9.5 14.3

127 16.1 11.3 16.9



#32

Benzoic acid

Concen: 55.31 ng

RT: 7.656 min Scan# 531

Delta R.T. -0.125 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

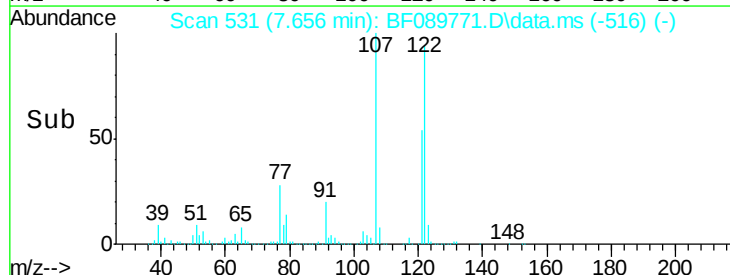
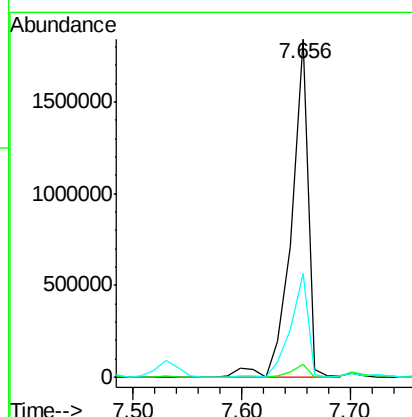
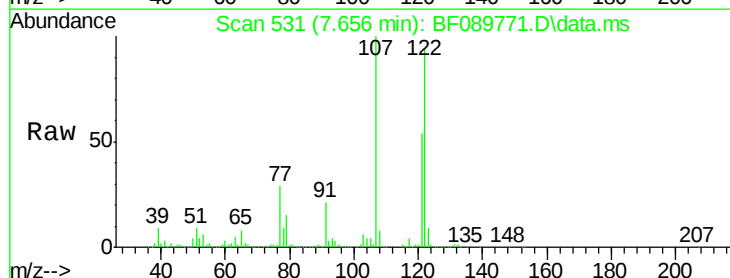
Tgt Ion:122 Resp: 1990109

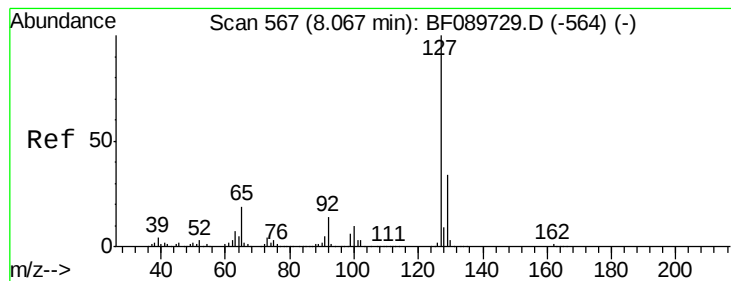
Ion Ratio Lower Upper

122 100

105 3.8 100.8 140.8#

77 30.5 72.1 112.1#





#33

4-Chloroaniline

Concen: 9.00 ng

RT: 8.056 min Scan# 56

Delta R.T. -0.011 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

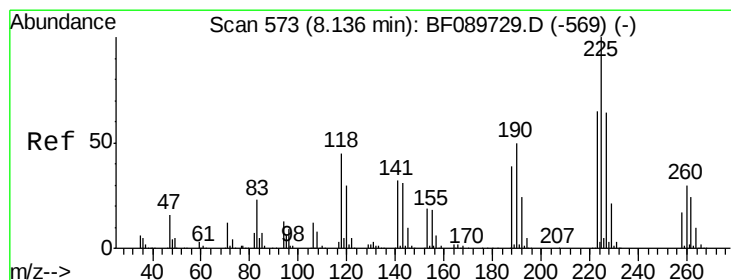
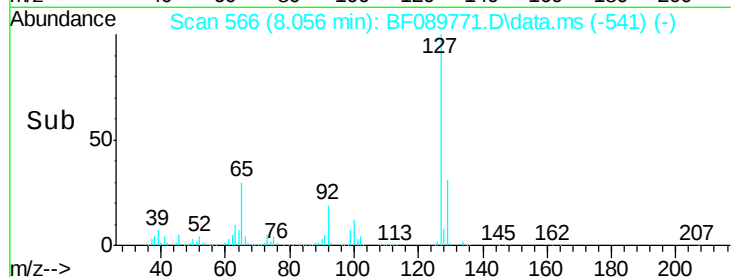
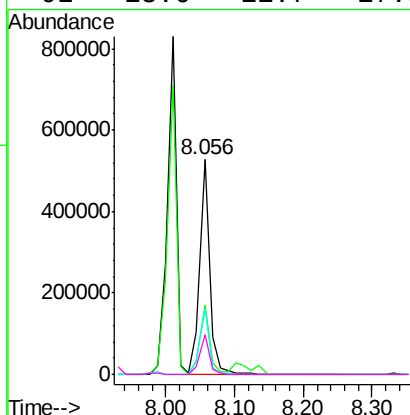
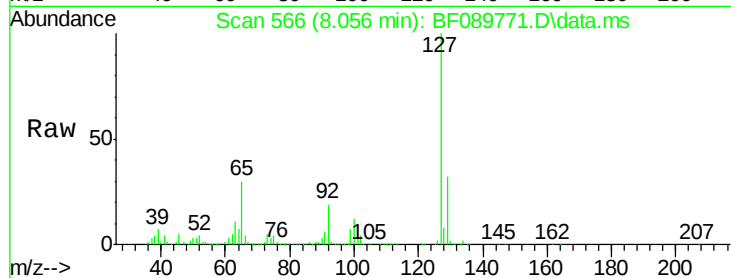
Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

Tot Ion:	127	Resp:	526550
Ion Ratio	Lower	Upper	
127	100		
129	32.3	27.0	40.6
65	30.4	14.7	22.1#
92	18.6	11.7	17.5#



#34

Hexachlorobutadiene

Concen: 39.09 ng

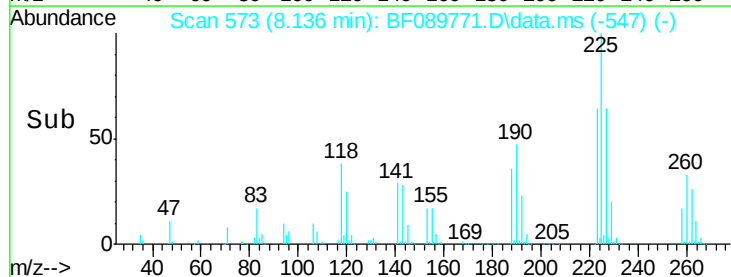
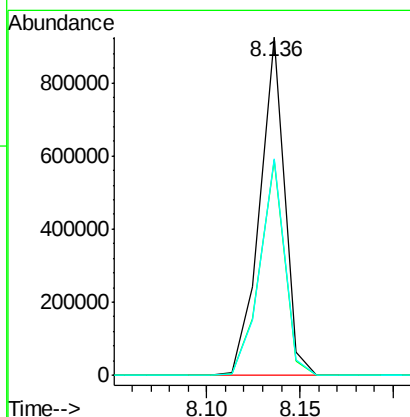
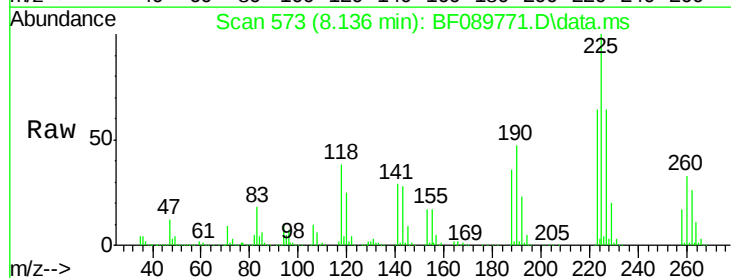
RT: 8.136 min Scan# 573

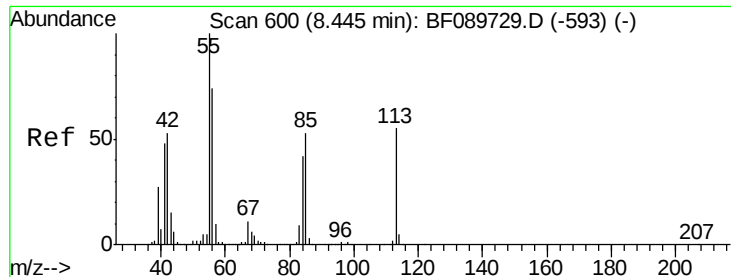
Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Tgt Ion:	225	Resp:	849276
Ion Ratio	Lower	Upper	
225	100		
223	63.8	51.0	76.6
227	64.2	49.8	74.6





#35

Caprolactam

Concen: 28.39 ng

RT: 8.433 min Scan# 59

Delta R.T. -0.011 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

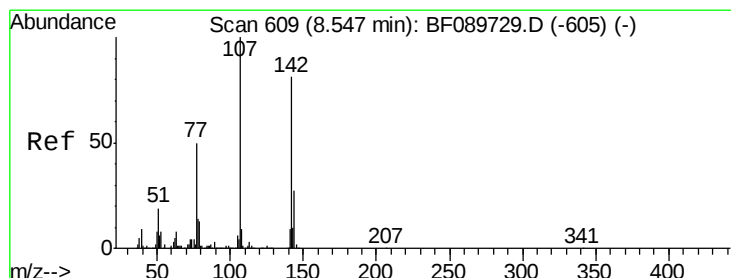
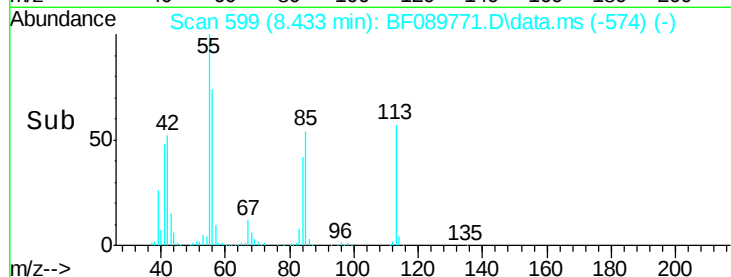
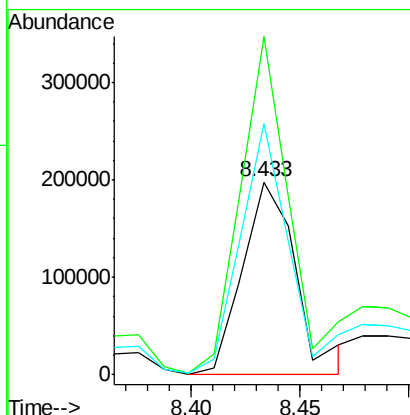
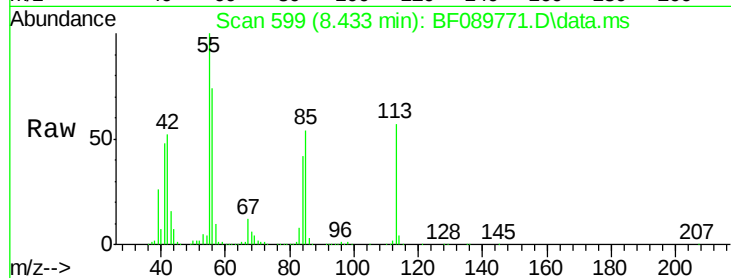
Tot Ion:113 Resp: 337148

Ion Ratio Lower Upper

113 100

55 175.5 135.9 175.9

56 130.1 93.9 133.9



#36

4-Chloro-3-methylphenol

Concen: 42.56 ng

RT: 8.548 min Scan# 609

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

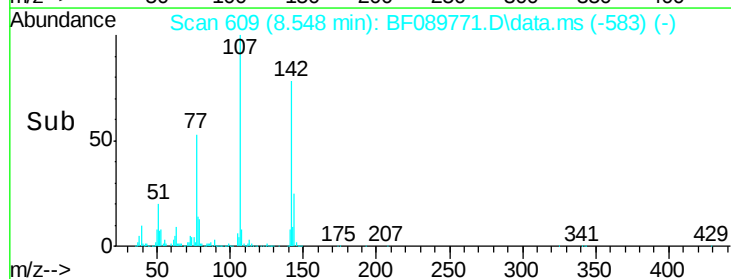
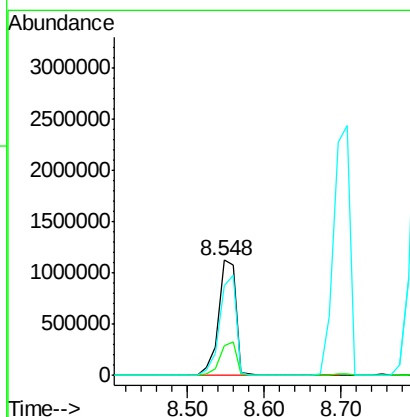
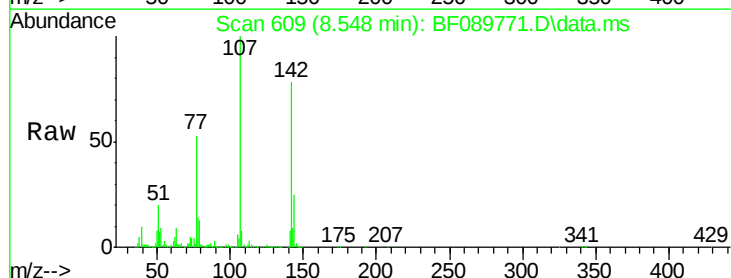
Tgt Ion:107 Resp: 1785186

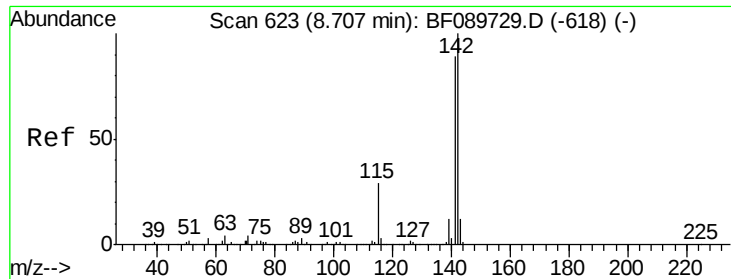
Ion Ratio Lower Upper

107 100

144 25.4 22.6 34.0

142 78.2 69.3 103.9

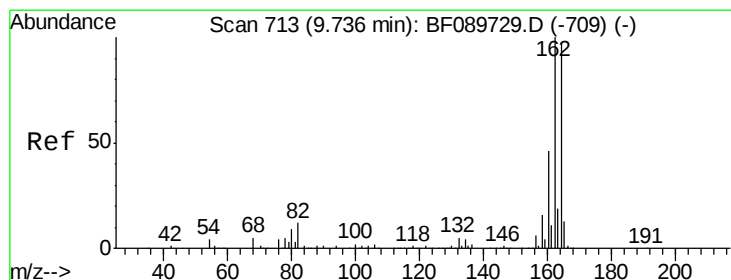
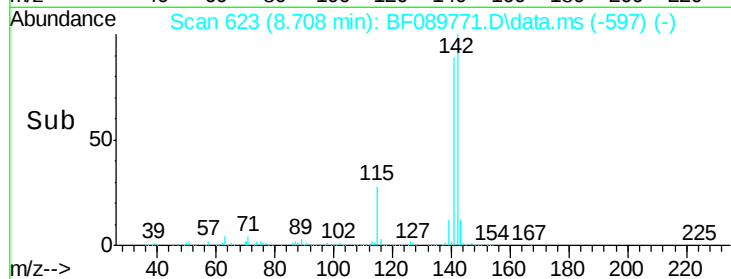
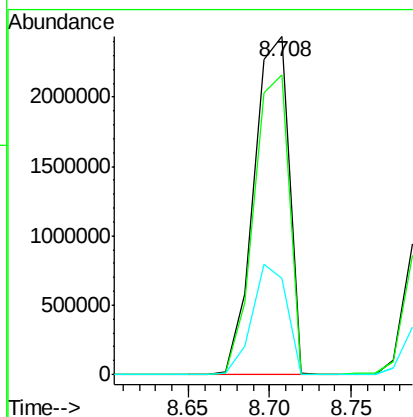
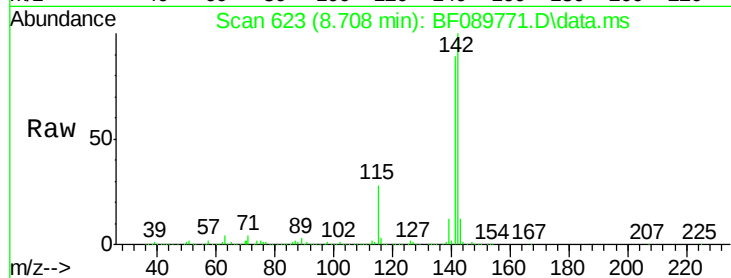




#37
2-Methylnaphthalene
Concen: 42.28 ng
RT: 8.708 min Scan# 62
Delta R.T. 0.000 min
Lab File: BF089771.D
Acq: 17 Aug 2016 19:00

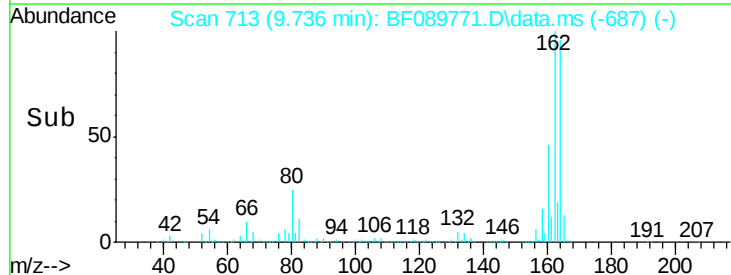
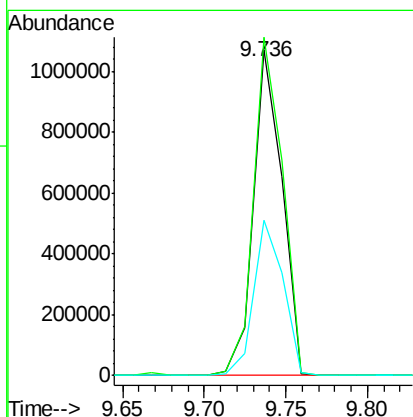
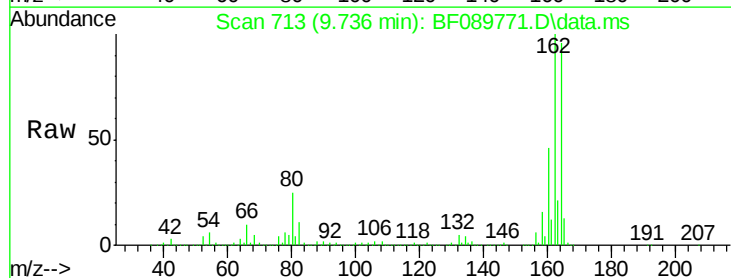
Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11MSD

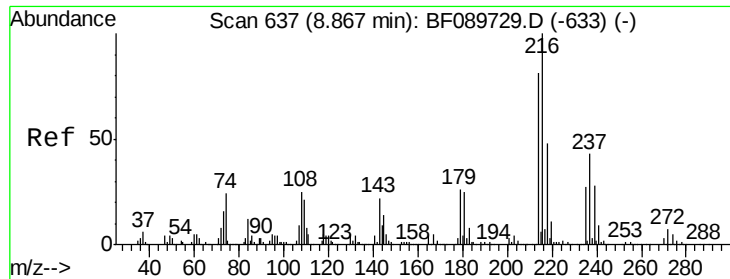
Tot Ion:142 Resp: 3638046
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.2
115 28.4 22.7 34.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.736 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF089771.D
Acq: 17 Aug 2016 19:00

Tgt Ion:164 Resp: 1302346
Ion Ratio Lower Upper
164 100
162 103.8 81.4 122.2
160 47.7 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.14 ng

RT: 8.868 min Scan# 63

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

Tot Ion:216 Resp: 1136443

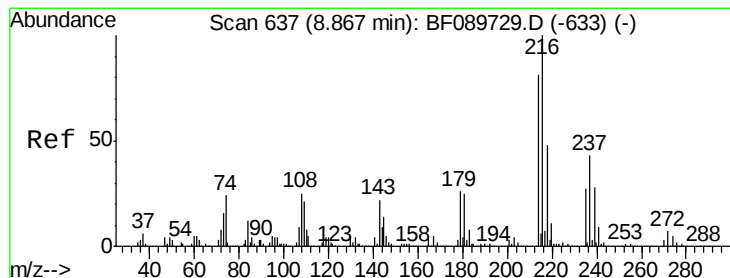
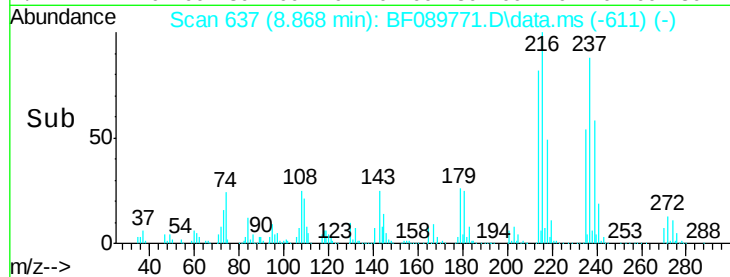
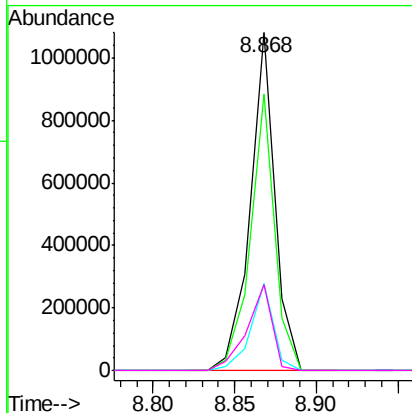
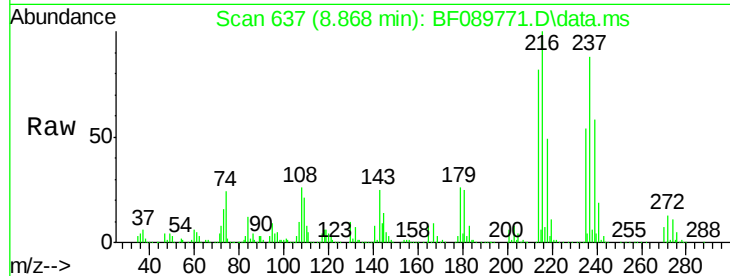
Ion Ratio Lower Upper

216 100

214 80.3 63.5 95.3

179 23.7 19.9 29.9

108 25.9 19.9 29.9



#40

Hexachlorocyclopentadiene

Concen: 78.22 ng

RT: 8.868 min Scan# 637

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

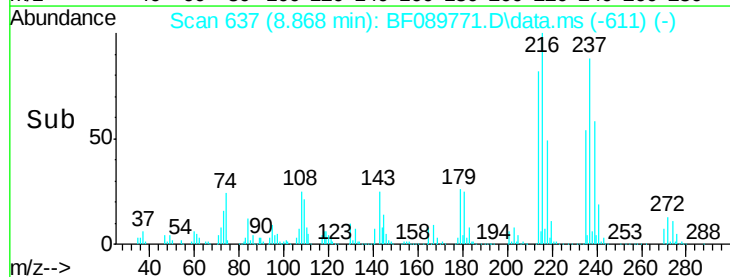
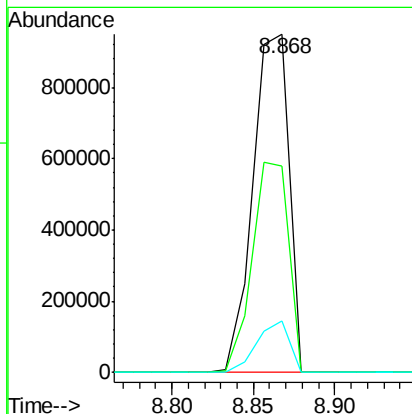
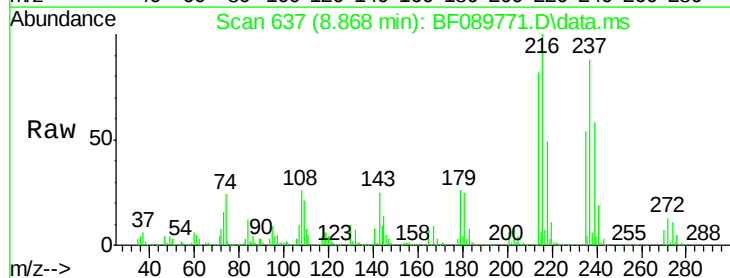
Tgt Ion:237 Resp: 1459579

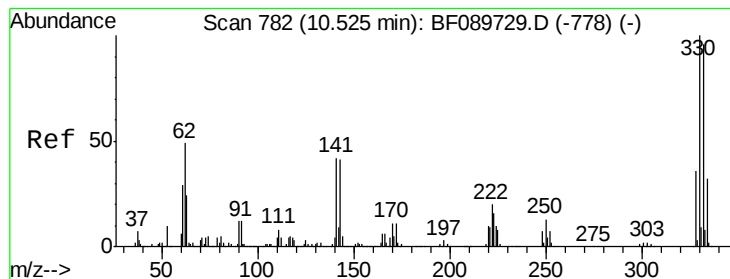
Ion Ratio Lower Upper

237 100

235 61.1 43.7 83.7

272 15.2 0.0 31.6

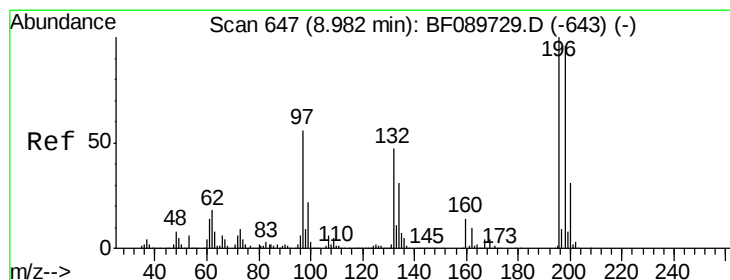
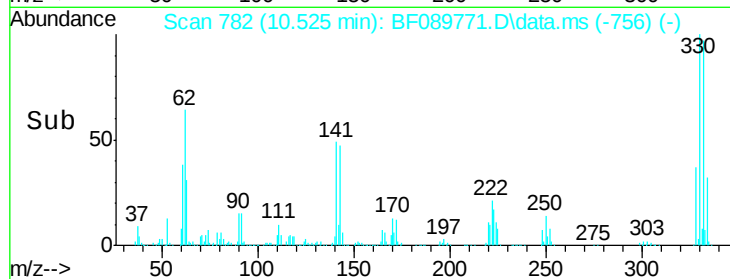
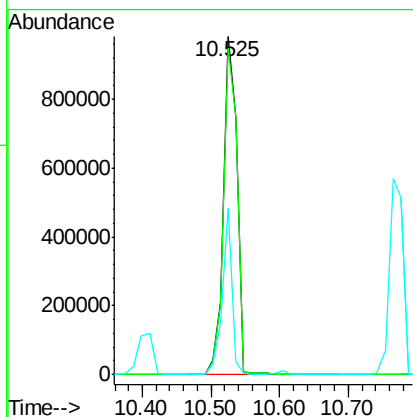
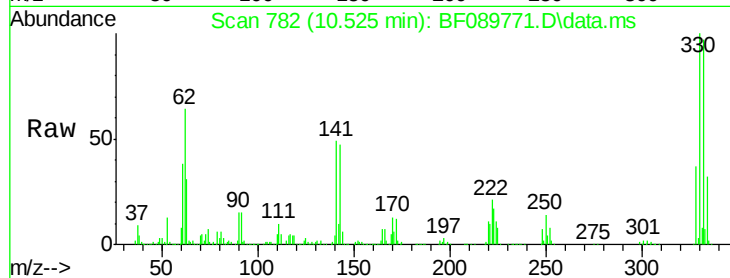




#41
 2,4,6-Tribromophenol
 Concen: 109.50 ng
 RT: 10.525 min Scan# 78
 Delta R.T. 0.000 min
 Lab File: BF089771.D
 Acq: 17 Aug 2016 19:00

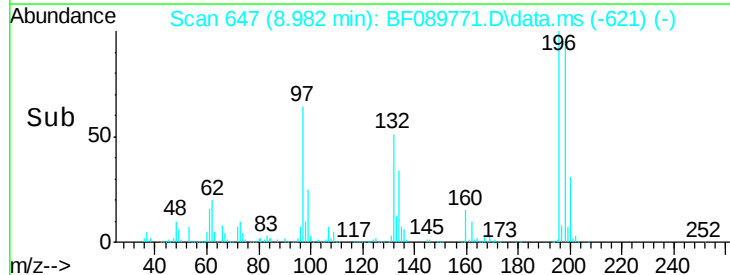
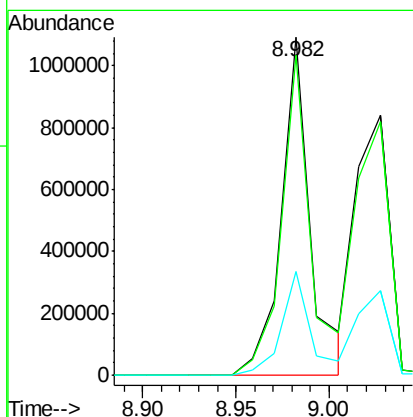
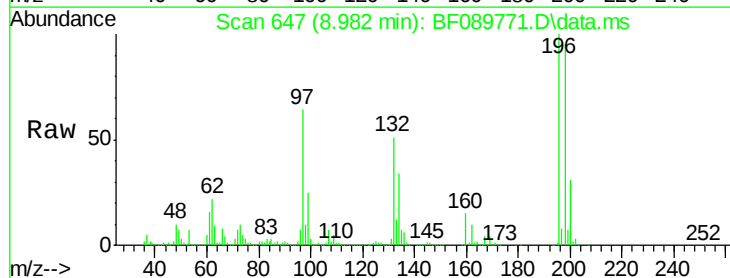
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-7A-9-11MSD

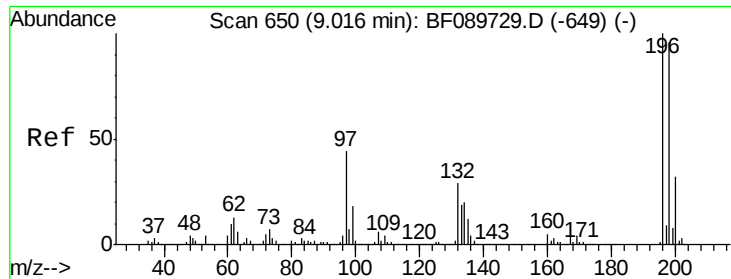
Tot Ion:330 Resp: 1379653
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.7 115.1
 141 35.3 30.2 45.2



#42
 2,4,6-Trichlorophenol
 Concen: 43.56 ng
 RT: 8.982 min Scan# 647
 Delta R.T. 0.000 min
 Lab File: BF089771.D
 Acq: 17 Aug 2016 19:00

Tgt Ion:196 Resp: 1178022
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.3 114.5
 200 30.7 24.6 36.8

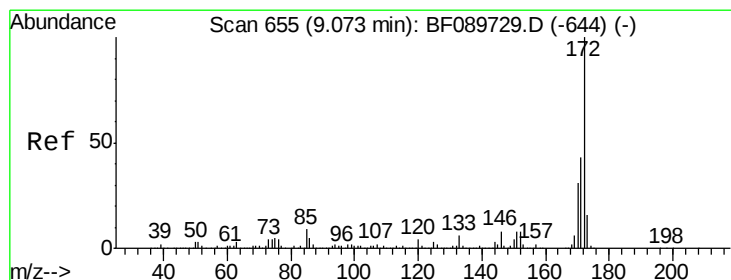
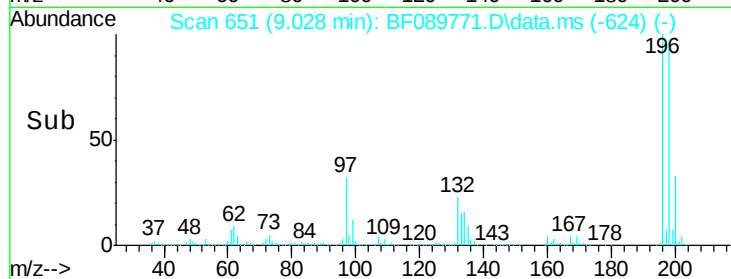
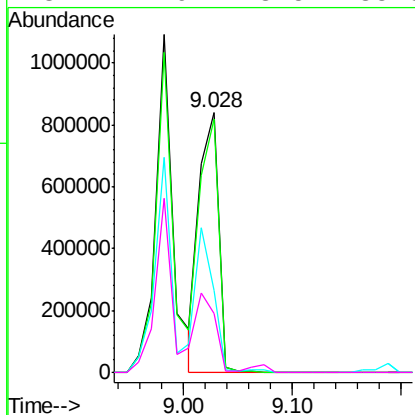
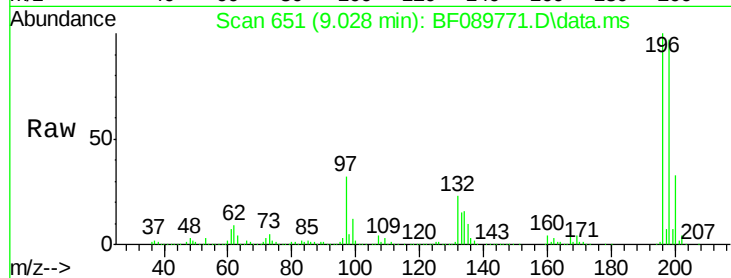




#43
2,4,5-Trichlorophenol
Concen: 41.03 ng
RT: 9.028 min Scan# 651
Delta R.T. 0.011 min
Lab File: BF089771.D
Acq: 17 Aug 2016 19:00

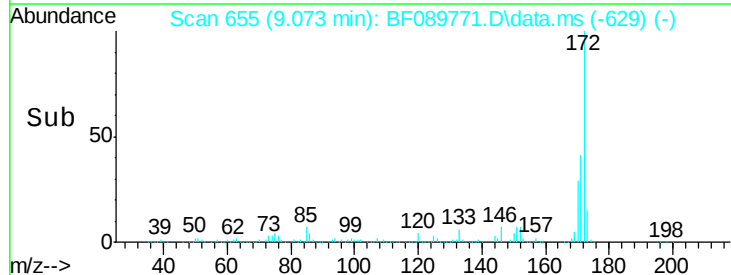
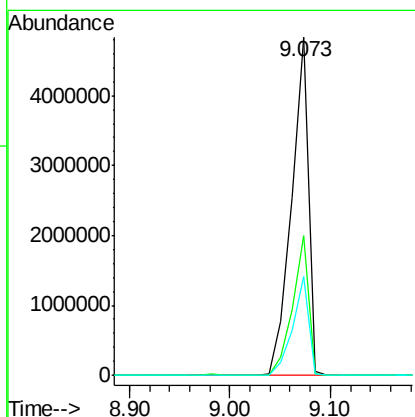
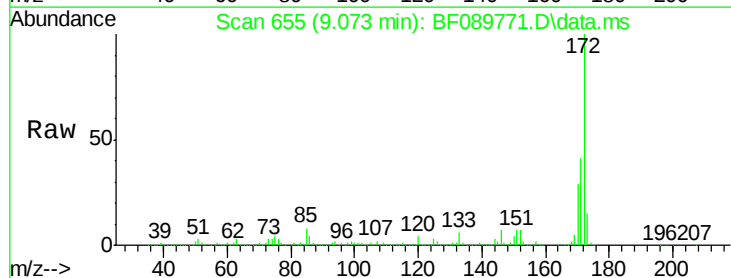
Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11MSD

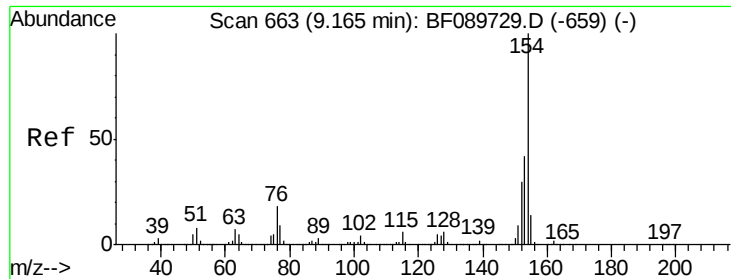
Tot Ion:196 Resp: 1058024
Ion Ratio Lower Upper
196 100
198 97.5 76.6 114.8
97 31.7 35.8 53.8#
132 22.9 23.5 35.3#



#44
2-Fluorobiphenyl
Concen: 69.63 ng
RT: 9.073 min Scan# 655
Delta R.T. 0.000 min
Lab File: BF089771.D
Acq: 17 Aug 2016 19:00

Tgt Ion:172 Resp: 5651593
Ion Ratio Lower Upper
172 100
171 41.2 30.5 45.7
170 29.1 20.6 31.0

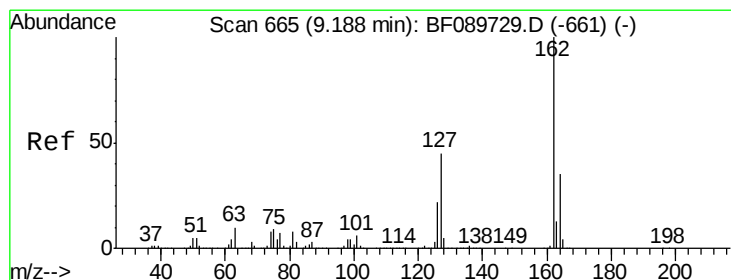
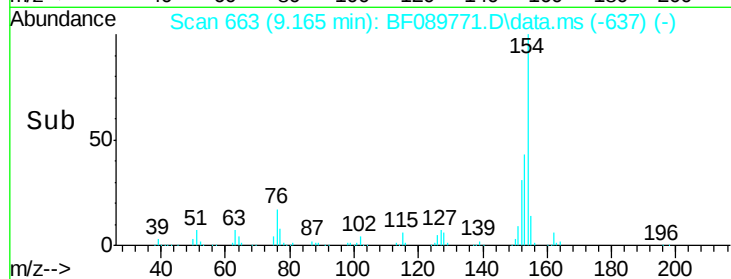
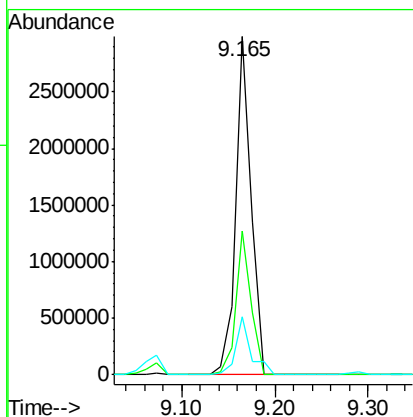
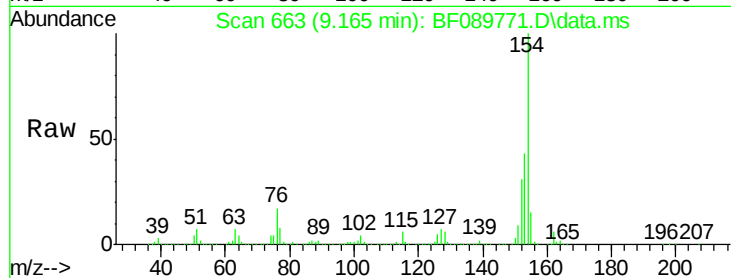




#45
 1,1'-Biphenyl
 Concen: 31.84 ng
 RT: 9.165 min Scan# 661
 Delta R.T. 0.001 min
 Lab File: BF089771.D
 Acq: 17 Aug 2016 19:00

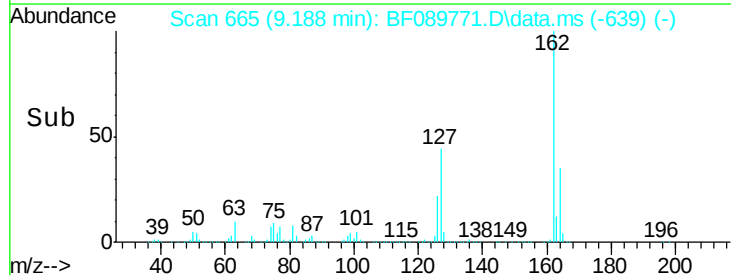
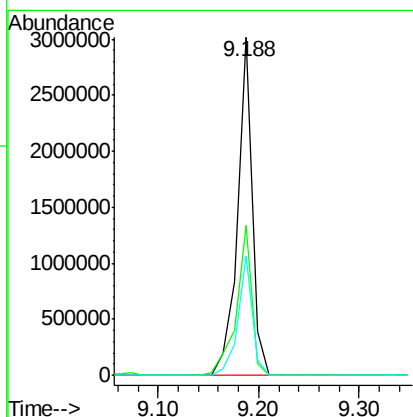
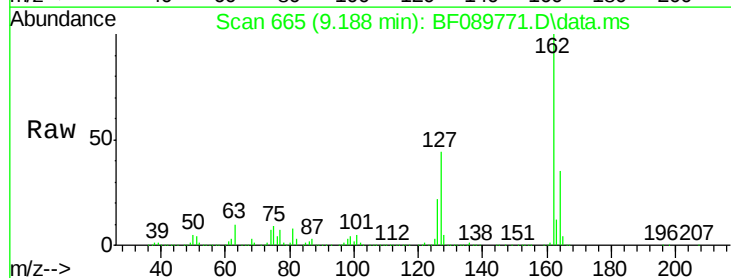
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-7A-9-11MSD

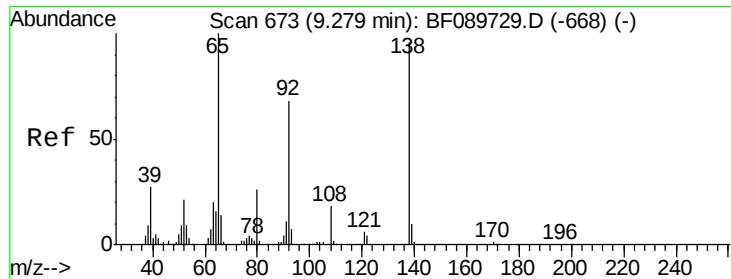
Tot Ion:154 Resp: 3434786
 Ion Ratio Lower Upper
 154 100
 153 42.6 21.5 61.5
 76 16.9 0.0 36.7



#46
 2-Chloronaphthalene
 Concen: 37.67 ng
 RT: 9.188 min Scan# 665
 Delta R.T. 0.000 min
 Lab File: BF089771.D
 Acq: 17 Aug 2016 19:00

Tgt Ion:162 Resp: 3044862
 Ion Ratio Lower Upper
 162 100
 127 44.4 35.5 53.3
 164 35.3 26.6 40.0





#47

2-Nitroaniline

Concen: 45.74 ng

RT: 9.290 min Scan# 67

Delta R.T. 0.011 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

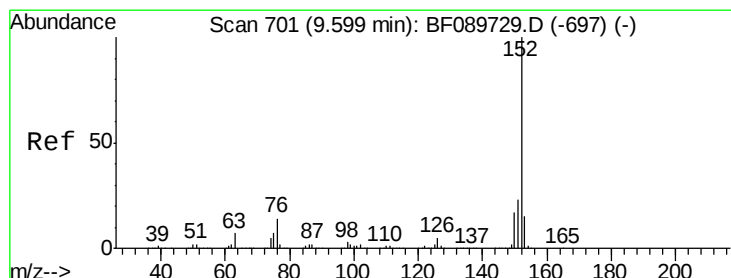
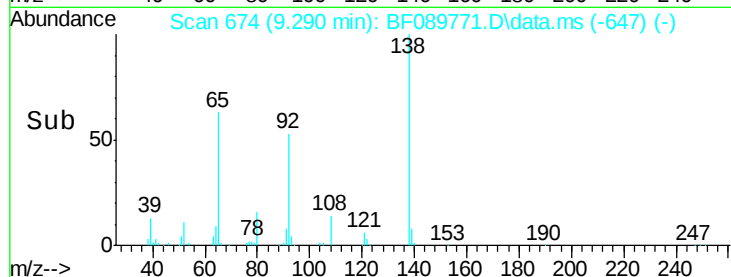
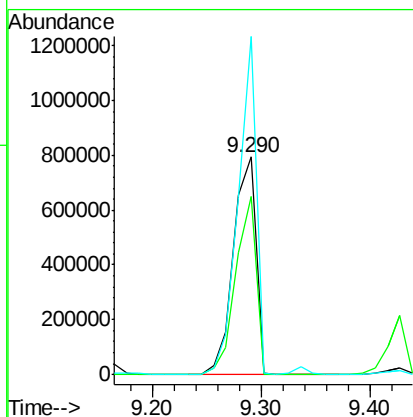
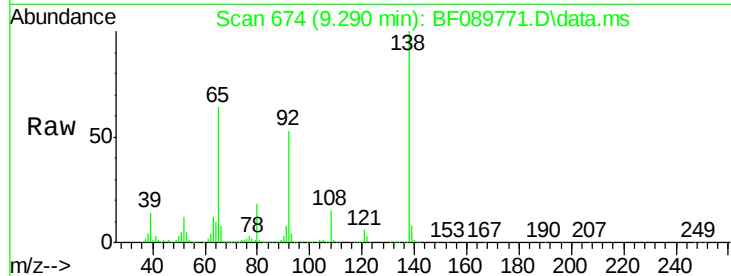
Tot Ion: 65 Resp: 1126480

Ion Ratio Lower Upper

65 100

92 82.2 56.3 84.5

138 155.6 81.8 122.8#



#48

Acenaphthylene

Concen: 38.59 ng

RT: 9.599 min Scan# 701

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

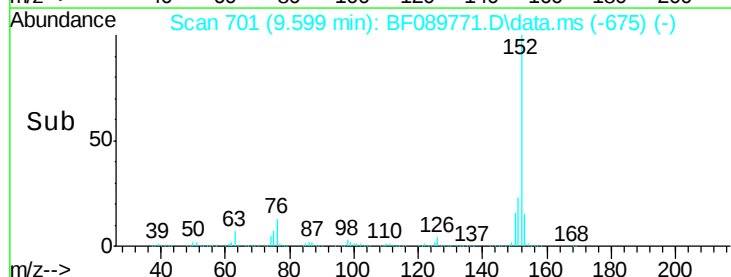
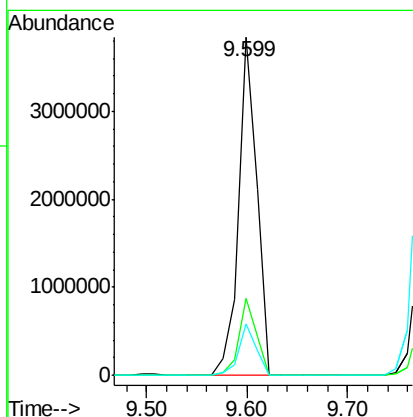
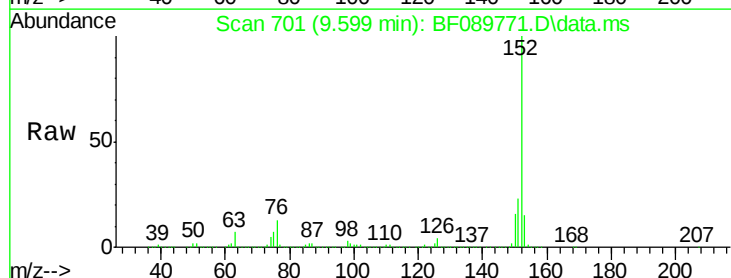
Tgt Ion:152 Resp: 4801114

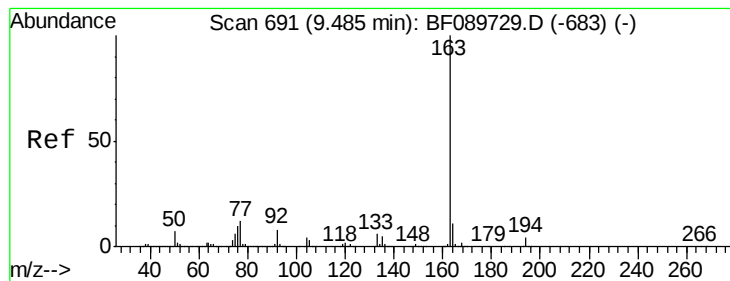
Ion Ratio Lower Upper

152 100

151 22.6 17.1 25.7

153 15.3 11.2 16.8





#49

Dimethylphthalate

Concen: 60.52 ng

RT: 9.485 min Scan# 691

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

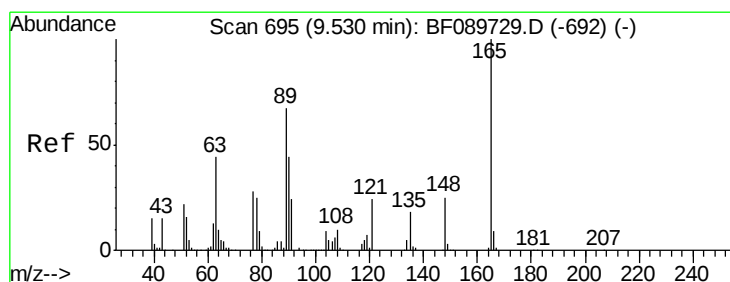
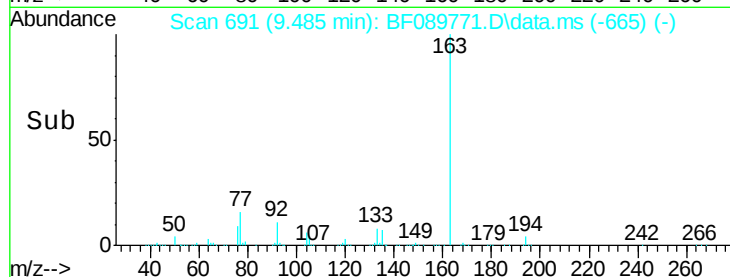
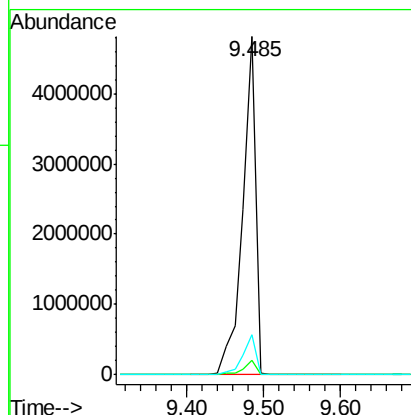
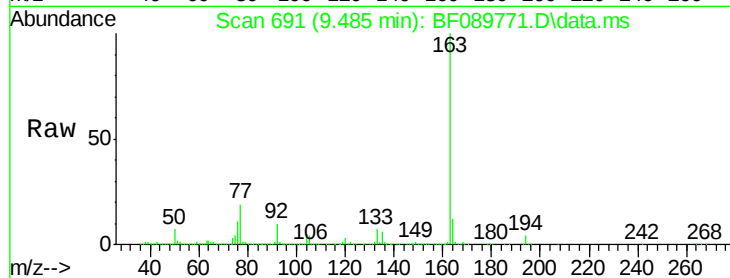
Tot Ion:163 Resp: 5703542

Ion Ratio Lower Upper

163 100

194 4.1 2.6 3.8#

164 11.9 8.6 12.8



#50

2,6-Dinitrotoluene

Concen: 41.24 ng

RT: 9.530 min Scan# 695

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

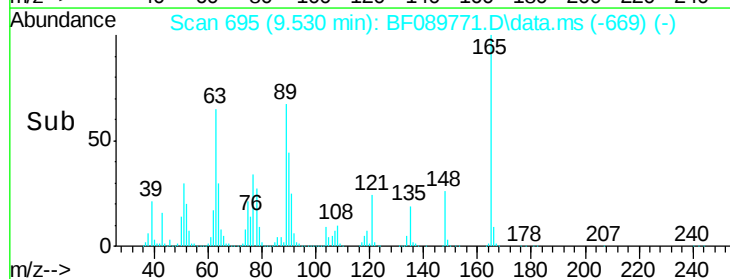
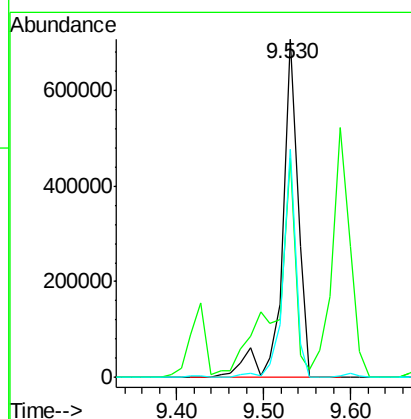
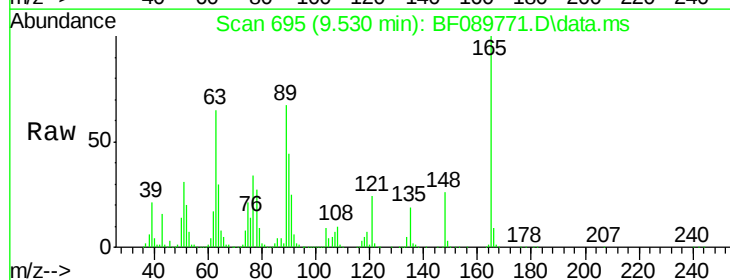
Tgt Ion:165 Resp: 879496

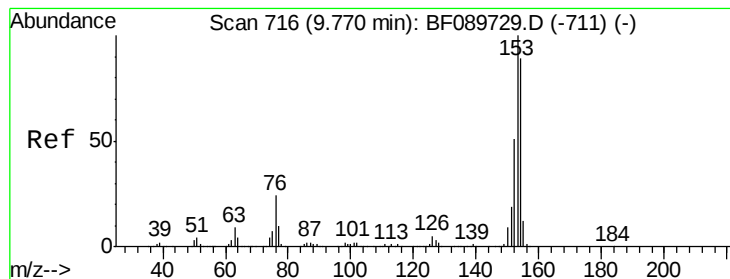
Ion Ratio Lower Upper

165 100

63 64.7 41.7 62.5#

89 67.3 44.6 67.0#





#51

Acenaphthene

Concen: 35.76 ng

RT: 9.771 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

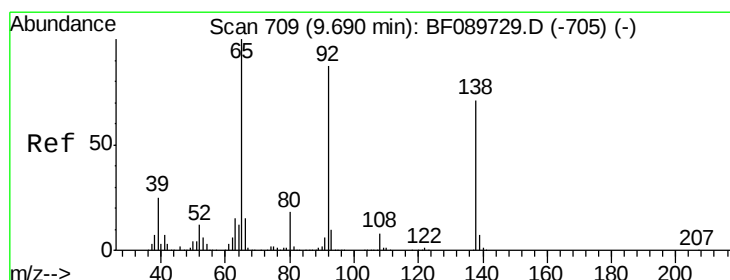
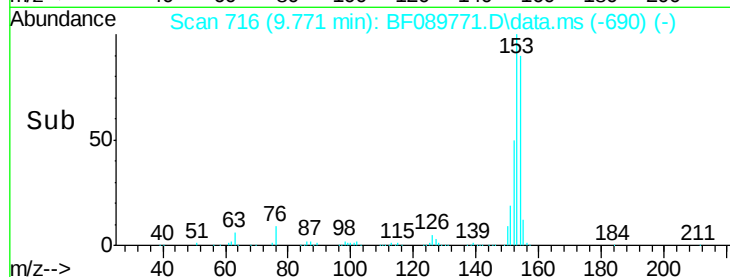
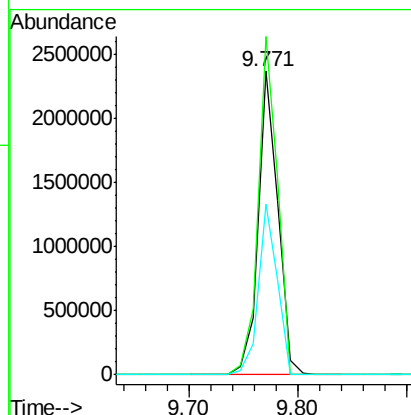
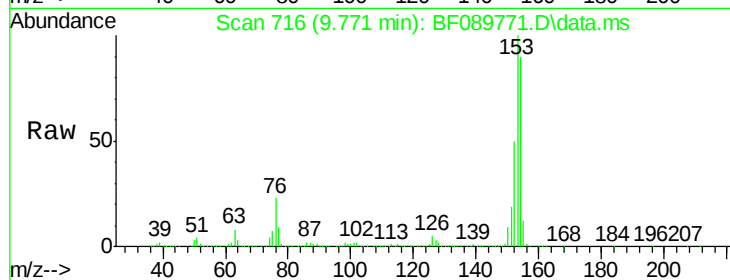
Tot Ion:154 Resp: 3002099

Ion Ratio Lower Upper

154 100

153 111.6 90.5 135.7

152 56.2 44.6 67.0



#52

3-Nitroaniline

Concen: 16.17 ng

RT: 9.691 min Scan# 709

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

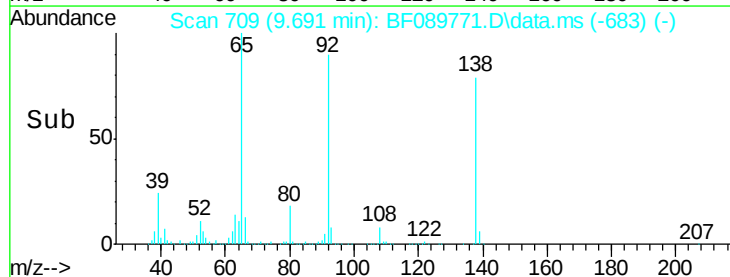
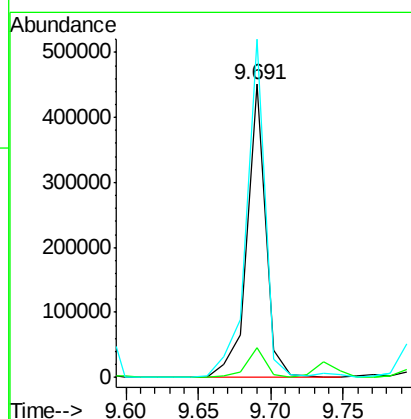
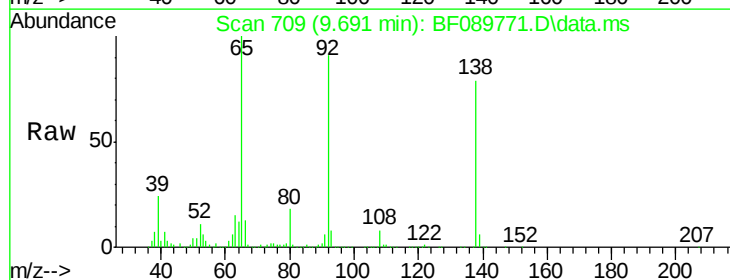
Tgt Ion:138 Resp: 400882

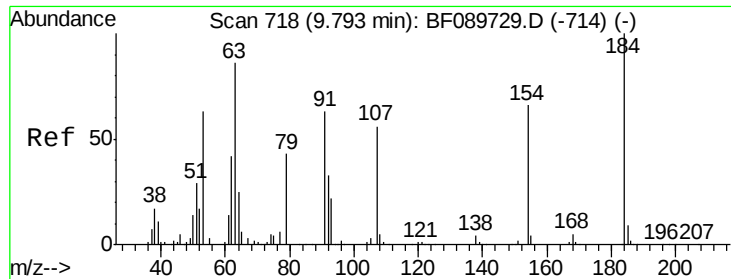
Ion Ratio Lower Upper

138 100

108 10.1 8.1 12.1

92 115.3 92.7 139.1

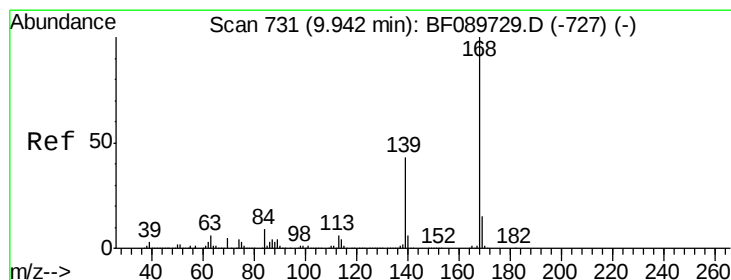
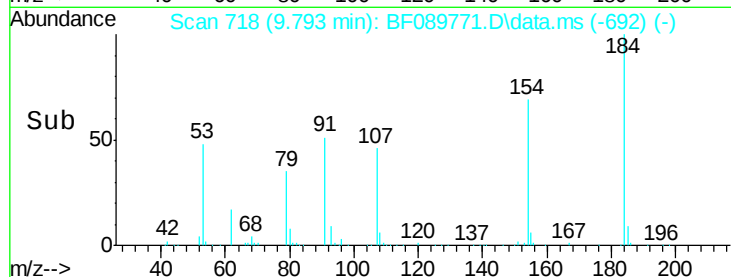
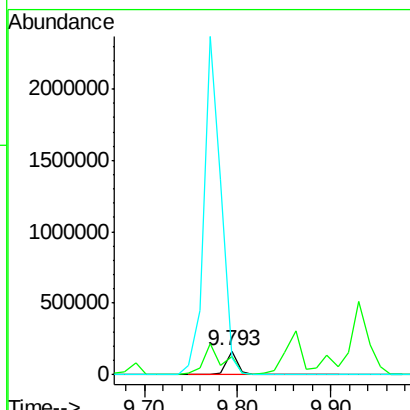
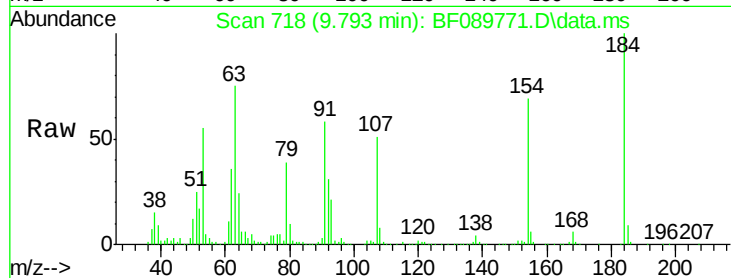




#53
 2,4-Dinitrophenol
 Concen: 16.03 ng
 RT: 9.793 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: BF089771.D
 Acq: 17 Aug 2016 19:00

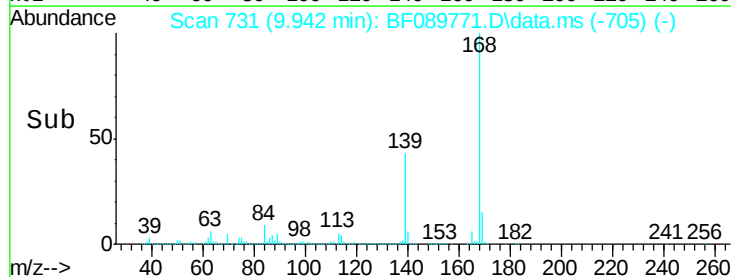
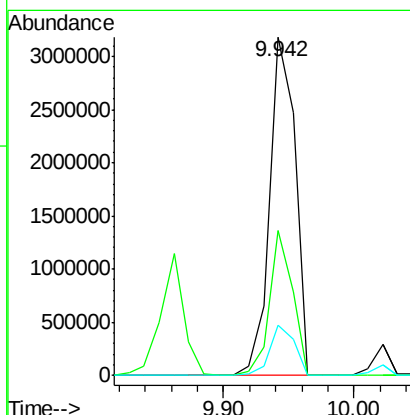
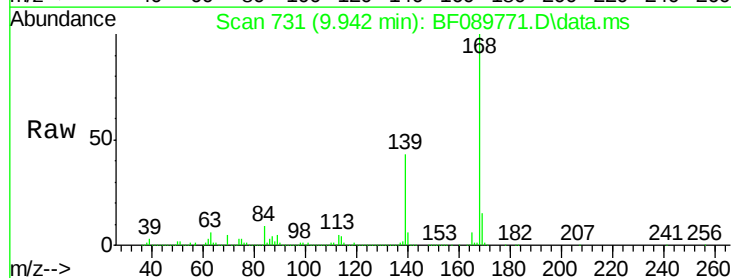
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-7A-9-11MSD

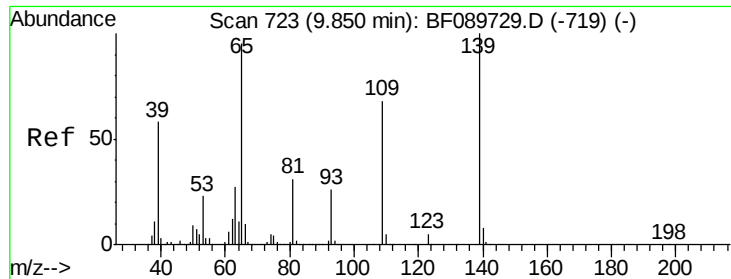
Tot Ion:184 Resp: 138830
 Ion Ratio Lower Upper
 184 100
 63 74.8 54.2 81.4
 154 69.2 52.7 79.1



#54
 Dibenzofuran
 Concen: 42.49 ng
 RT: 9.942 min Scan# 731
 Delta R.T. 0.000 min
 Lab File: BF089771.D
 Acq: 17 Aug 2016 19:00

Tgt Ion:168 Resp: 4390677
 Ion Ratio Lower Upper
 168 100
 139 42.8 34.6 52.0
 169 15.0 11.5 17.3

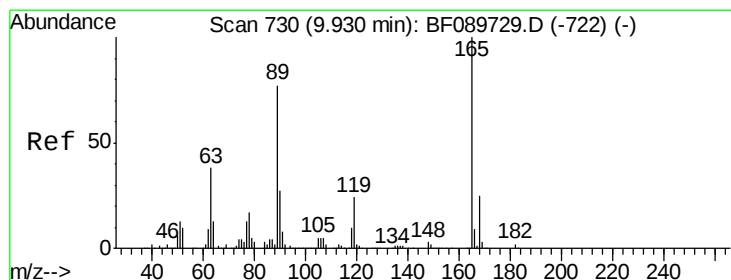
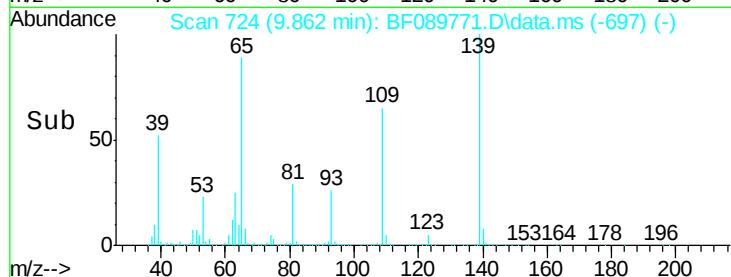
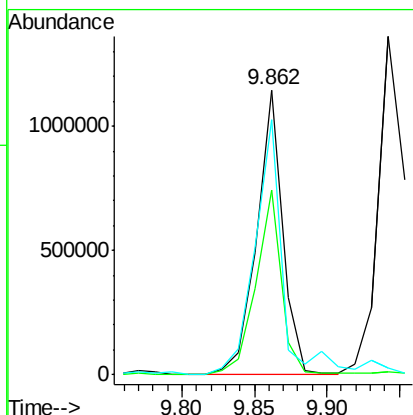
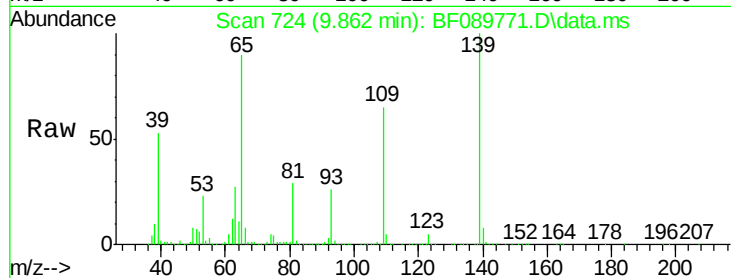




#55
4-Nitrophenol
Concen: 74.74 ng
RT: 9.862 min Scan# 72
Delta R.T. 0.011 min
Lab File: BF089771.D
Acq: 17 Aug 2016 19:00

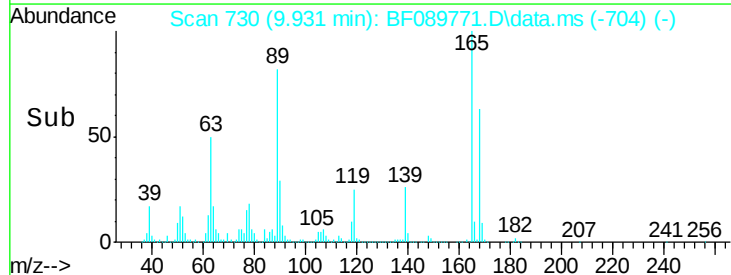
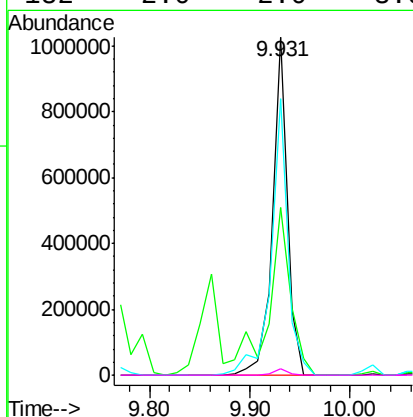
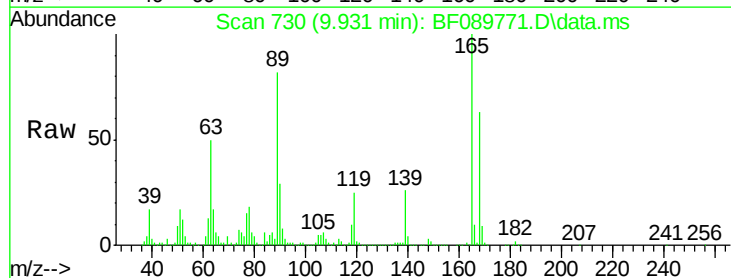
Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11MSD

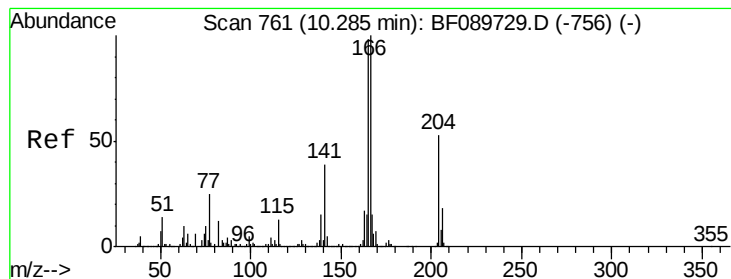
Tot Ion:139 Resp: 1425890
Ion Ratio Lower Upper
139 100
109 64.9 43.0 83.0
65 89.6 55.7 95.7



#56
2,4-Dinitrotoluene
Concen: 38.55 ng
RT: 9.931 min Scan# 730
Delta R.T. 0.000 min
Lab File: BF089771.D
Acq: 17 Aug 2016 19:00

Tgt Ion:165 Resp: 1056976
Ion Ratio Lower Upper
165 100
63 49.8 23.7 35.5#
89 81.7 44.0 66.0#
182 2.0 2.0 3.0





#57

Fluorene

Concen: 35.77 ng

RT: 10.285 min Scan# 761

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

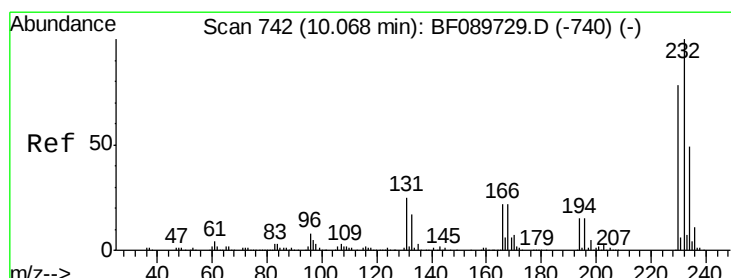
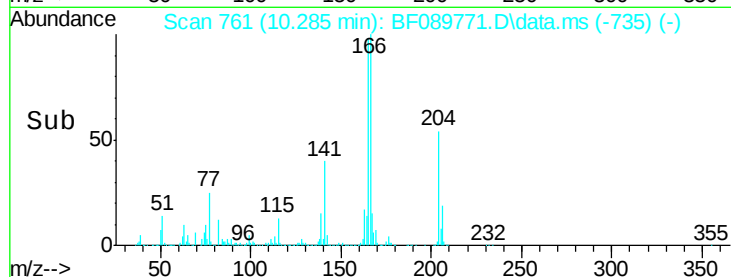
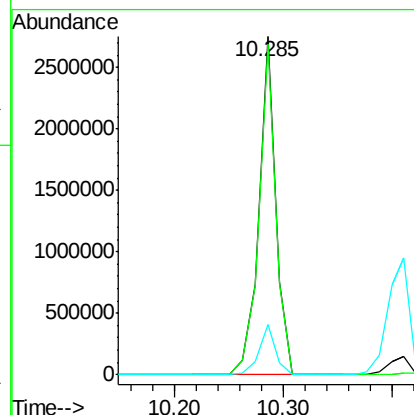
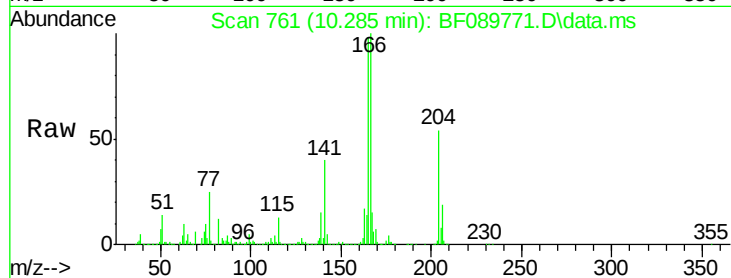
Tot Ion:166 Resp: 2985678

Ion Ratio Lower Upper

166 100

165 97.7 80.2 120.4

167 14.7 11.3 16.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.63 ng

RT: 10.068 min Scan# 742

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Tgt Ion:232 Resp: 919014

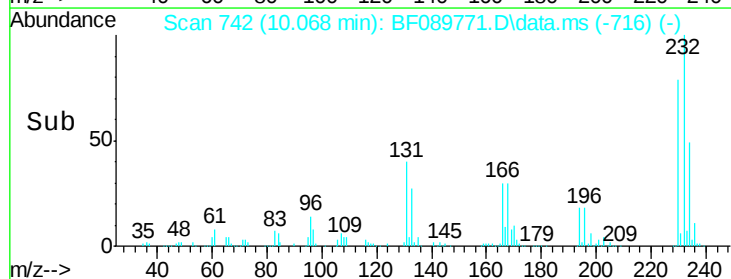
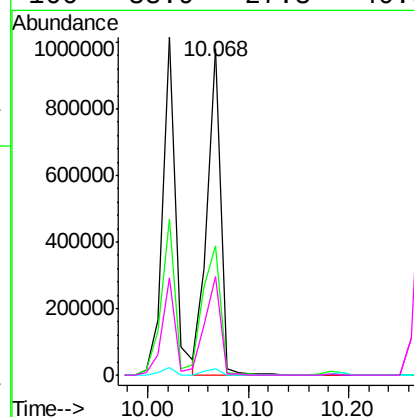
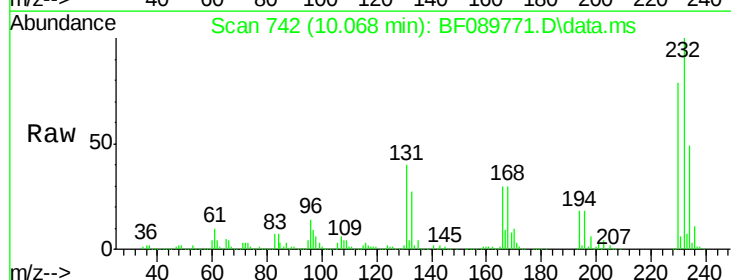
Ion Ratio Lower Upper

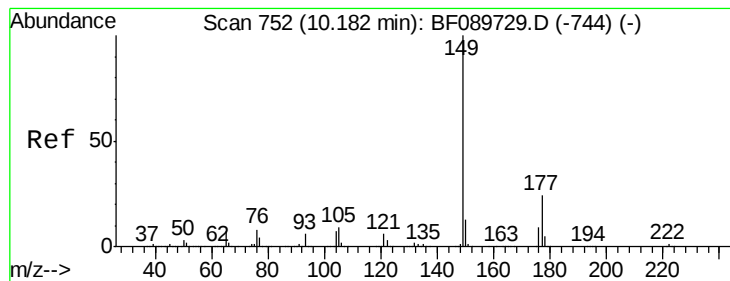
232 100

131 49.9 42.5 63.7

130 2.4 2.2 3.4

166 33.9 27.3 40.9





#59

Diethylphthalate

Concen: 41.40 ng

RT: 10.182 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

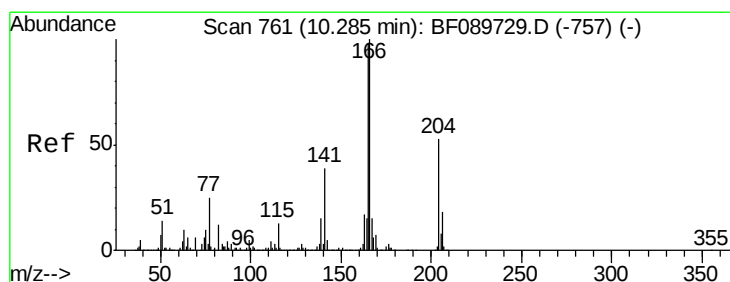
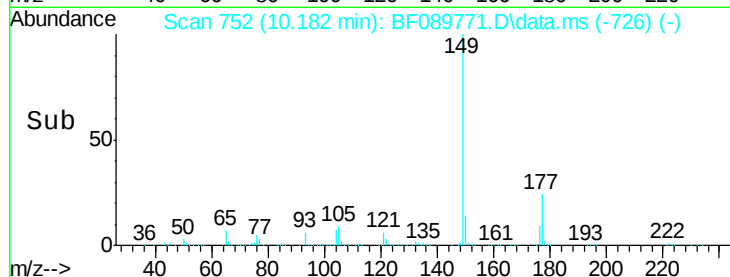
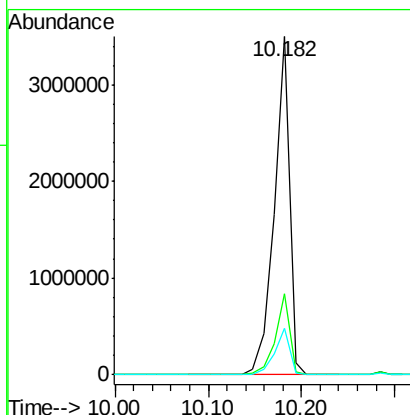
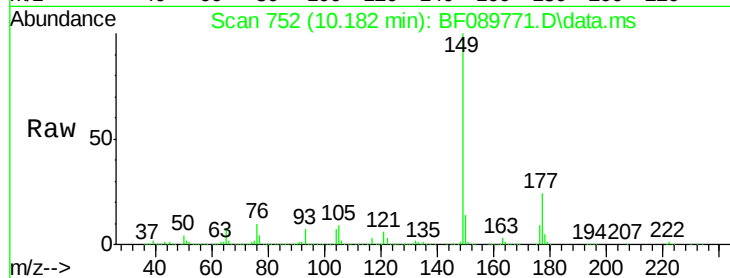
Tot Ion:149 Resp: 3955823

Ion Ratio Lower Upper

149 100

177 23.8 16.6 25.0

150 13.8 10.5 15.7



#60

4-Chlorophenyl-phenylether

Concen: 32.79 ng

RT: 10.285 min Scan# 761

Delta R.T. 0.001 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

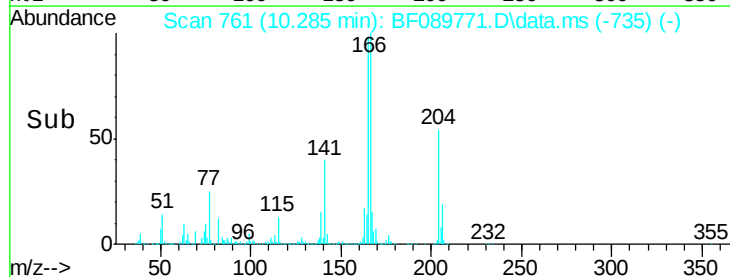
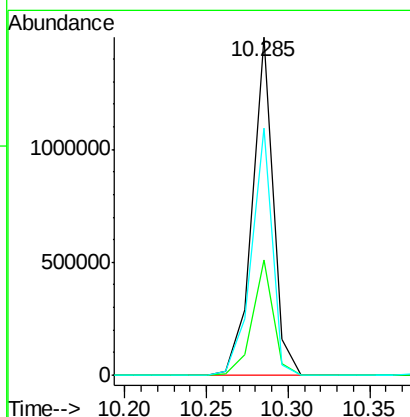
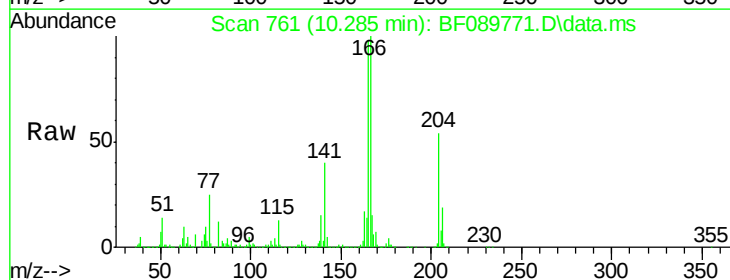
Tgt Ion:204 Resp: 1343830

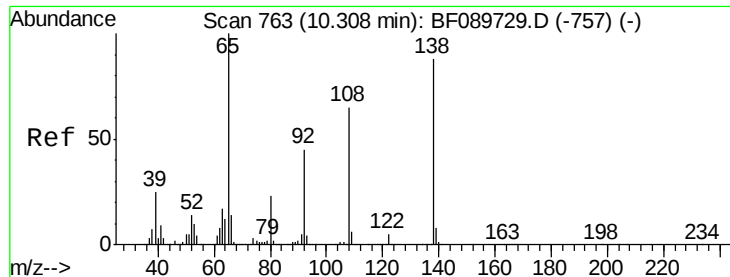
Ion Ratio Lower Upper

204 100

206 34.1 26.5 39.7

141 73.3 54.1 81.1





#61

4-Nitroaniline

Concen: 36.34 ng

RT: 10.308 min Scan# 763

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

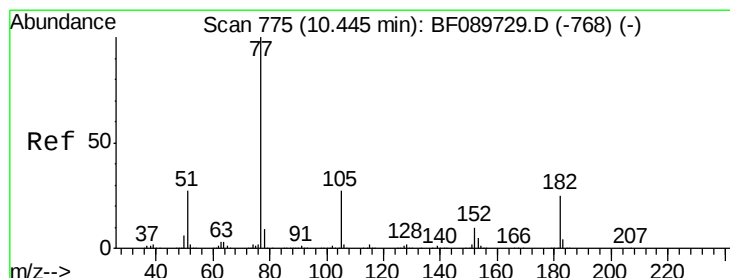
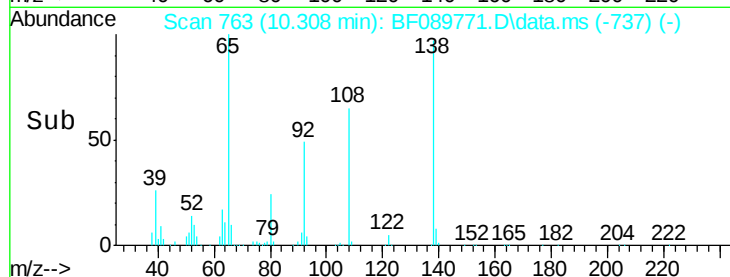
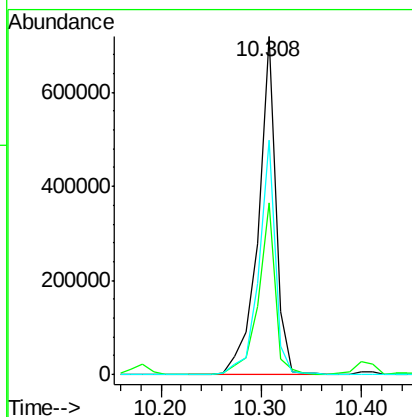
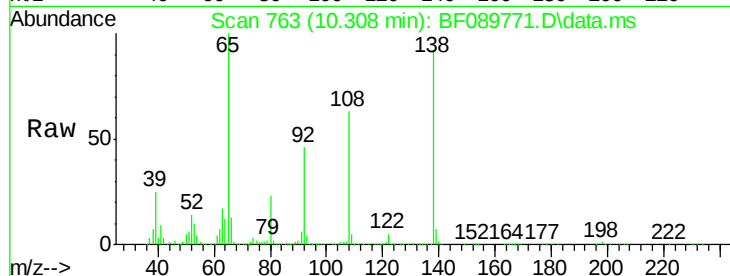
Tot Ion:138 Resp: 874882

Ion Ratio Lower Upper

138 100

92 50.7 26.4 66.4

108 69.2 47.0 87.0



#62

Azobenzene

Concen: 45.58 ng

RT: 10.445 min Scan# 775

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Tgt Ion: 77 Resp: 4114890

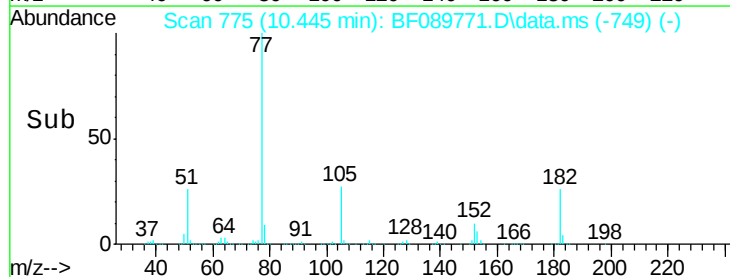
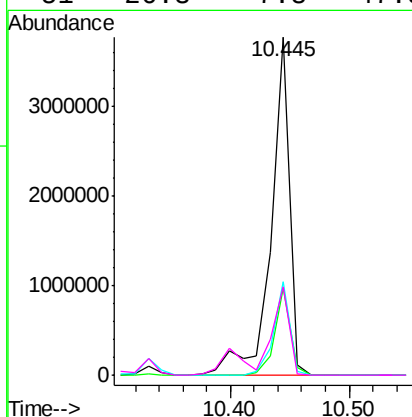
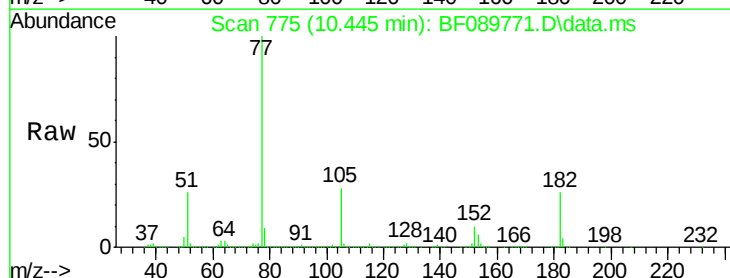
Ion Ratio Lower Upper

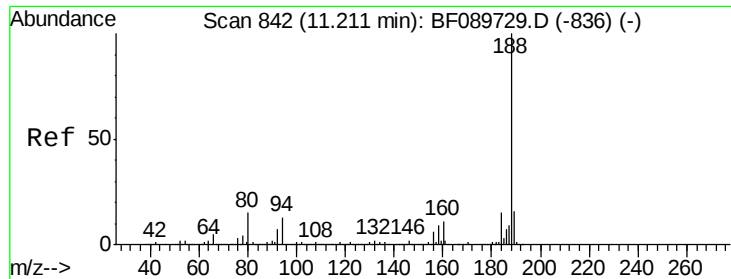
77 100

182 25.9 5.6 45.6

105 27.6 4.0 44.0

51 26.3 7.8 47.8

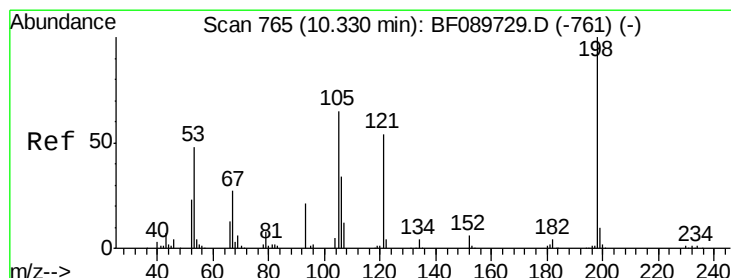
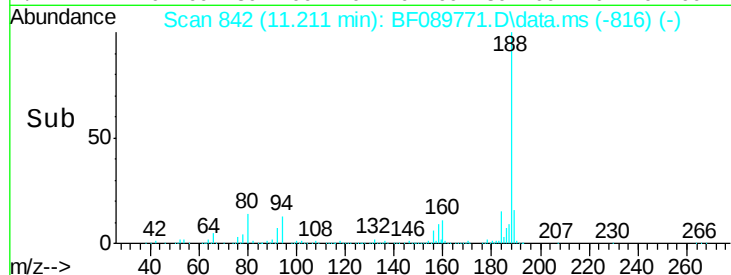
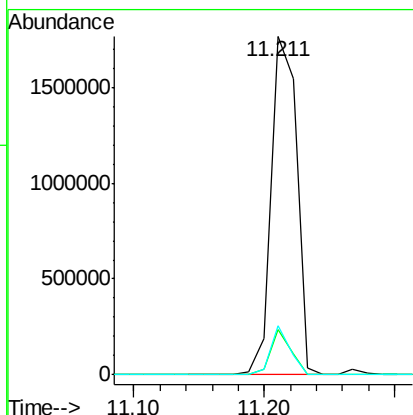
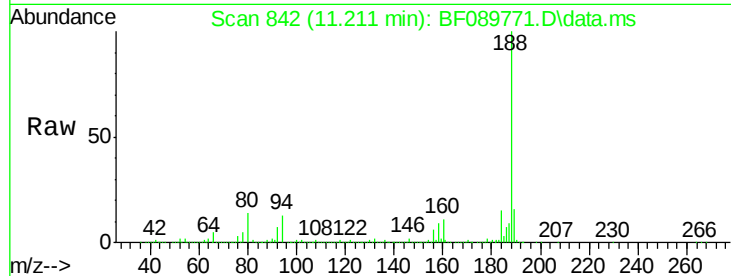




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.211 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF089771.D
Acq: 17 Aug 2016 19:00

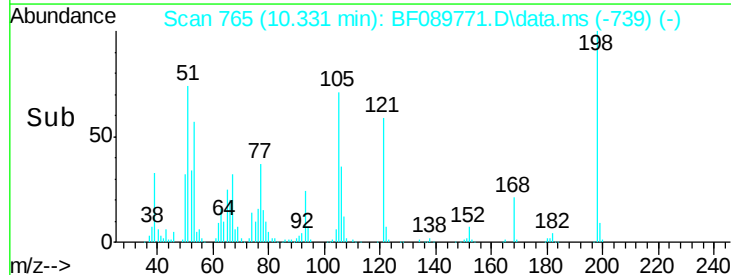
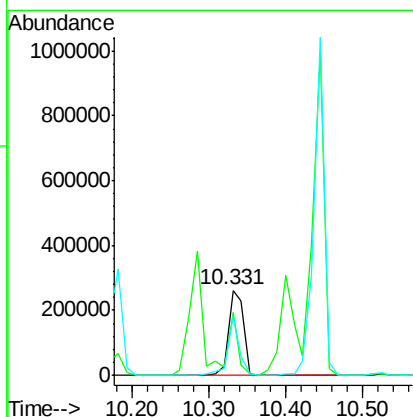
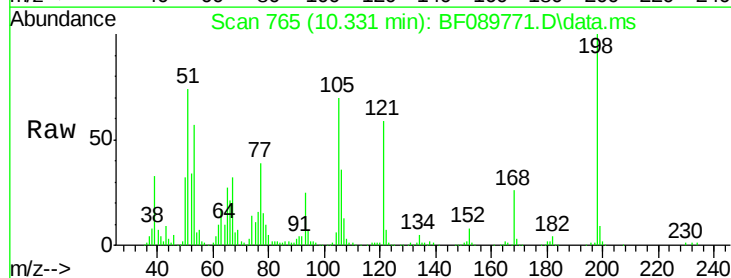
Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11MSD

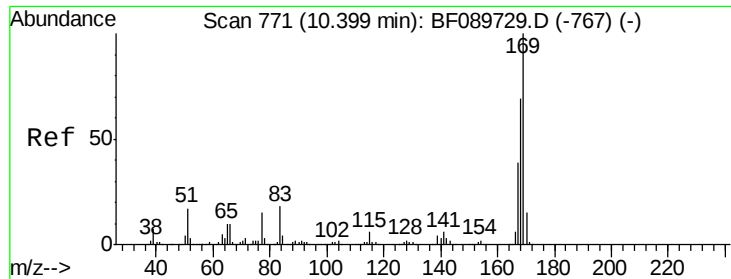
Tot Ion:188 Resp: 2441724
Ion Ratio Lower Upper
188 100
94 13.5 10.2 15.2
80 14.4 10.9 16.3



#64
4,6-Dinitro-2-methylphenol
Concen: 26.01 ng
RT: 10.331 min Scan# 765
Delta R.T. 0.001 min
Lab File: BF089771.D
Acq: 17 Aug 2016 19:00

Tgt Ion:198 Resp: 368776
Ion Ratio Lower Upper
198 100
51 73.6 32.3 72.3#
105 70.0 32.9 72.9





#65

n-Nitrosodiphenylamine

Concen: 43.24 ng

RT: 10.411 min Scan# 771

Delta R.T. 0.011 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

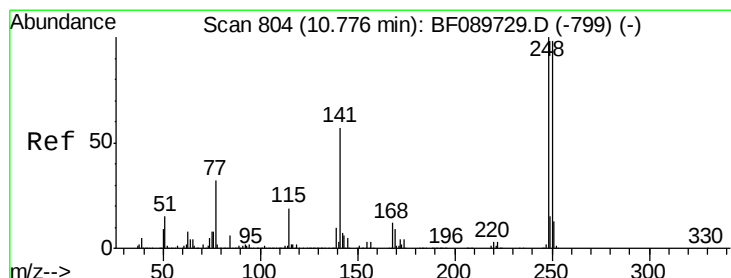
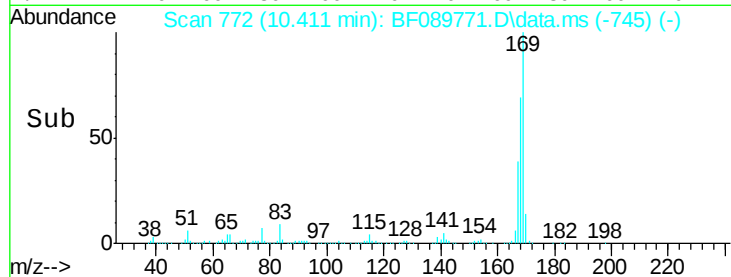
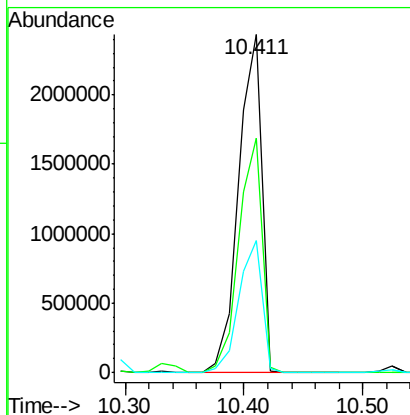
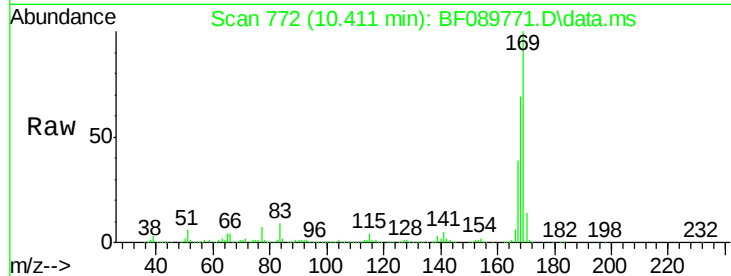
Tot Ion:169 Resp: 3313338

Ion Ratio Lower Upper

169 100

168 69.2 54.6 82.0

167 39.1 30.6 45.8



#66

4-Bromophenyl-phenylether

Concen: 40.80 ng

RT: 10.776 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

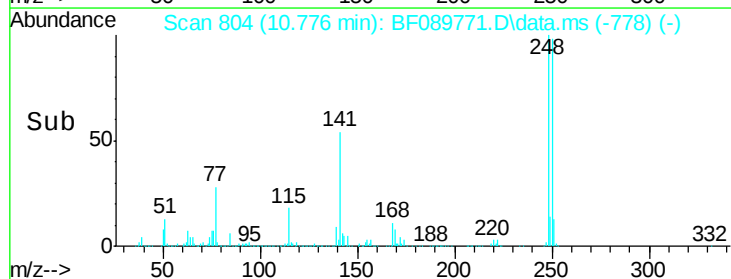
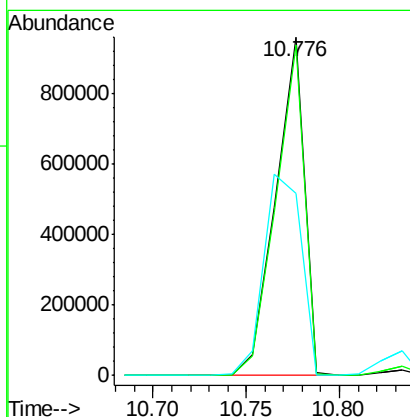
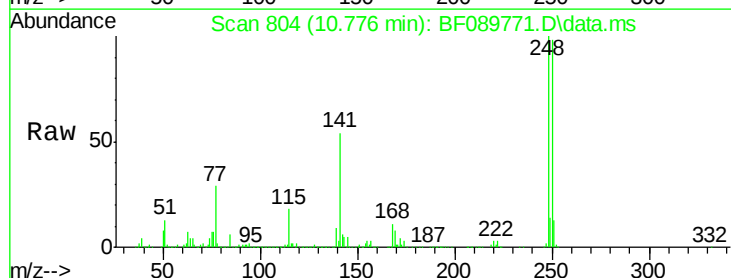
Tgt Ion:248 Resp: 1031709

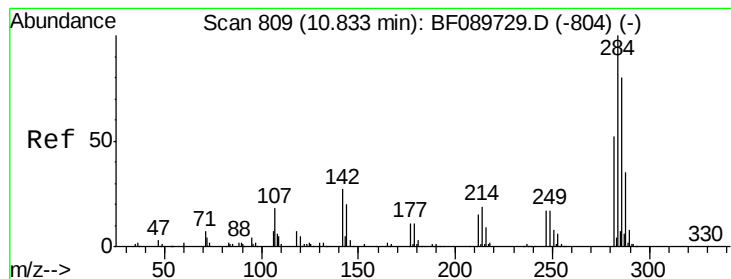
Ion Ratio Lower Upper

248 100

250 97.8 78.6 117.8

141 53.7 31.4 47.2#





#67

Hexachlorobenzene

Concen: 40.06 ng

RT: 10.833 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

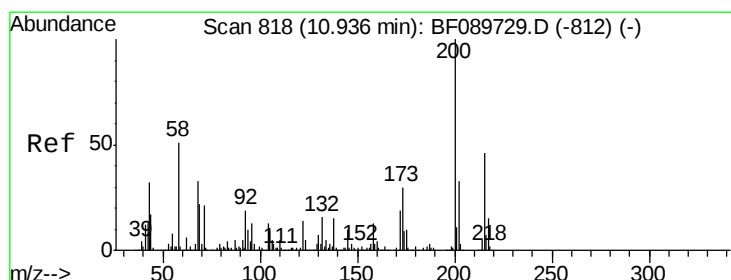
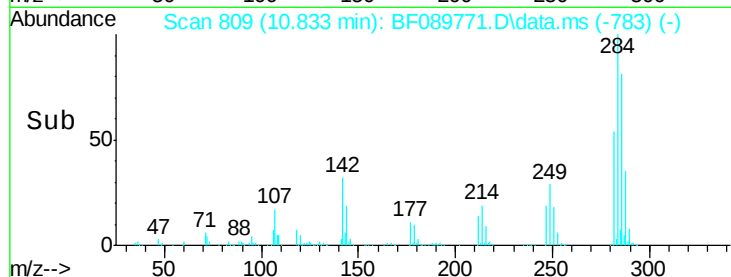
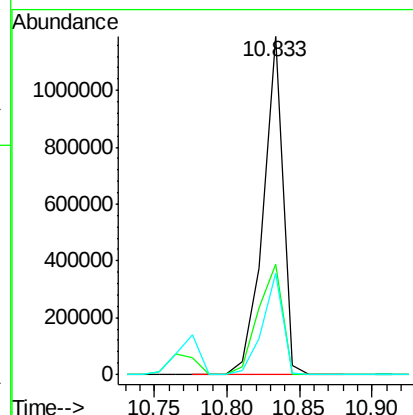
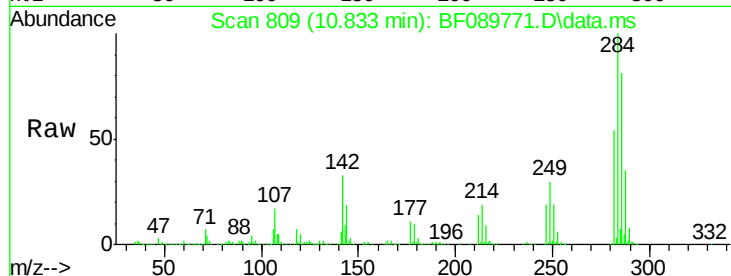
Tot Ion:284 Resp: 1126086

Ion Ratio Lower Upper

284 100

142 32.6 17.4 26.2#

249 30.0 22.8 34.2



#68

Atrazine

Concen: 38.79 ng

RT: 10.936 min Scan# 818

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

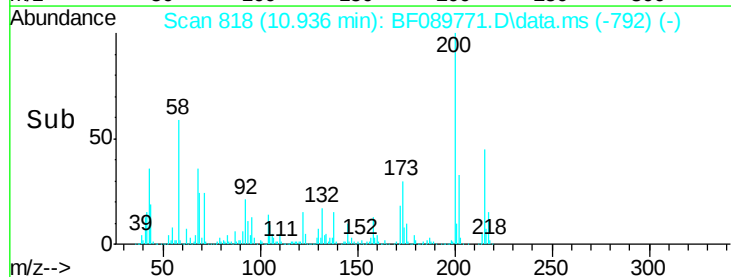
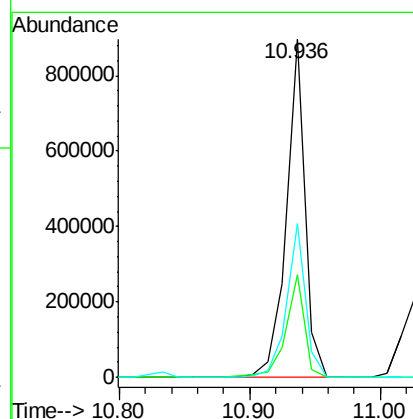
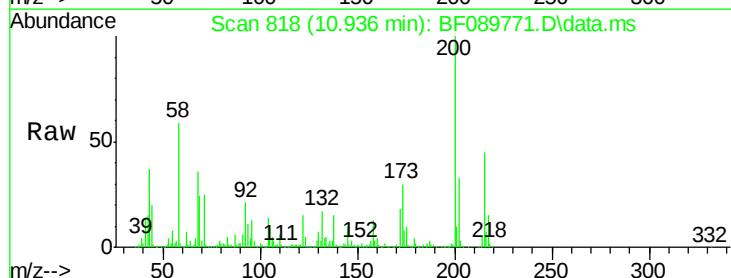
Tgt Ion:200 Resp: 900489

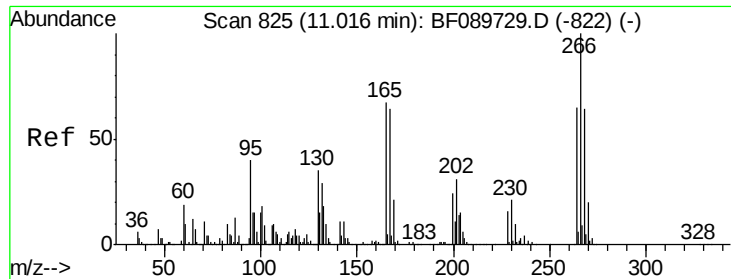
Ion Ratio Lower Upper

200 100

173 30.5 6.6 46.6

215 45.3 24.7 64.7





#69

Pentachlorophenol

Concen: 69.35 ng

RT: 11.028 min Scan# 82

Delta R.T. 0.011 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

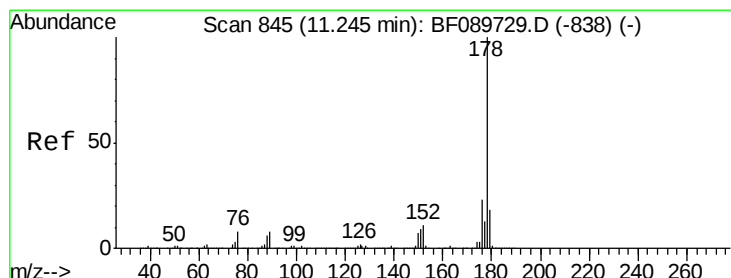
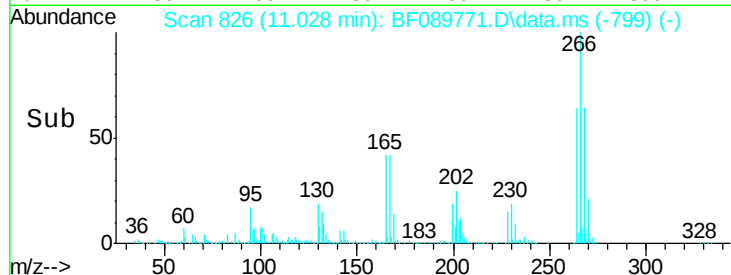
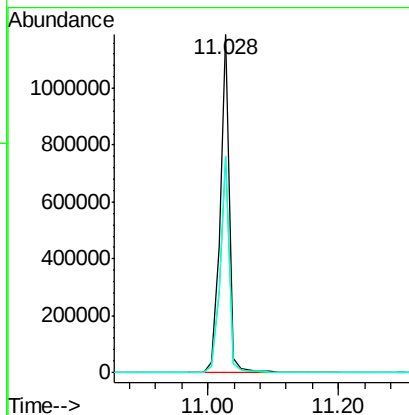
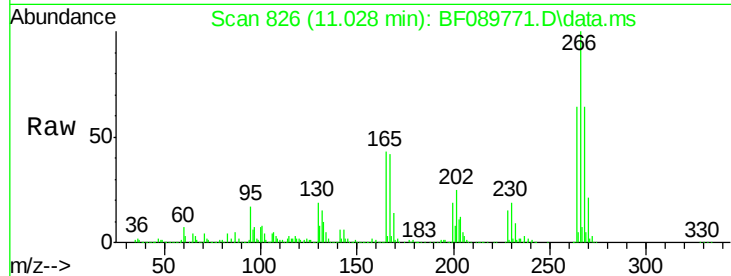
Tot Ion:266 Resp: 1214384

Ion Ratio Lower Upper

266 100

268 63.6 53.2 79.8

264 63.9 51.1 76.7



#70

Phenanthrene

Concen: 42.78 ng

RT: 11.245 min Scan# 845

Delta R.T. 0.001 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

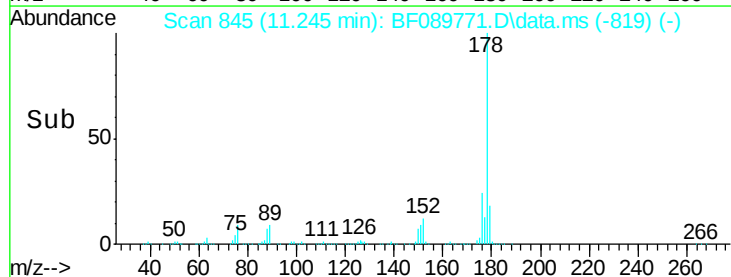
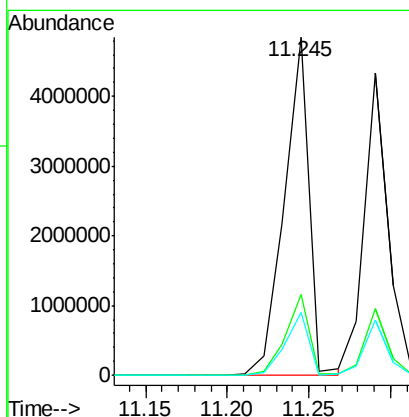
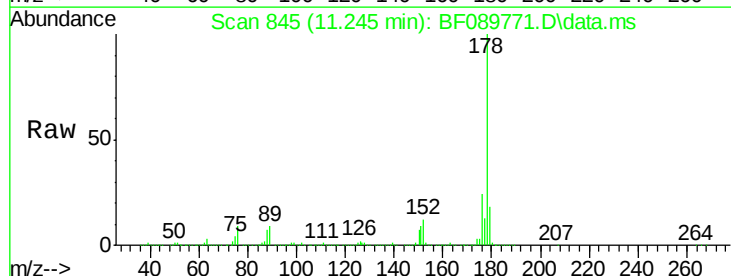
Tgt Ion:178 Resp: 5134410

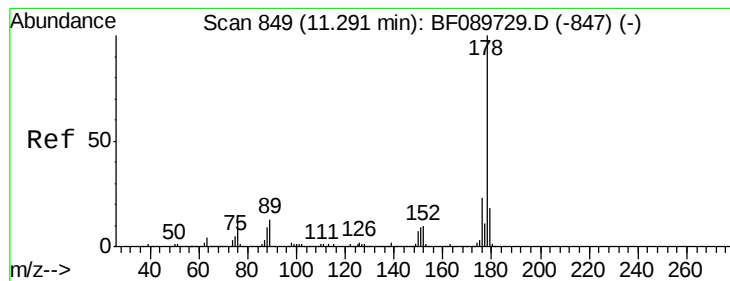
Ion Ratio Lower Upper

178 100

176 23.8 16.4 24.6

179 18.4 12.5 18.7





#71

Anthracene

Concen: 35.15 ng

RT: 11.291 min Scan# 849

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

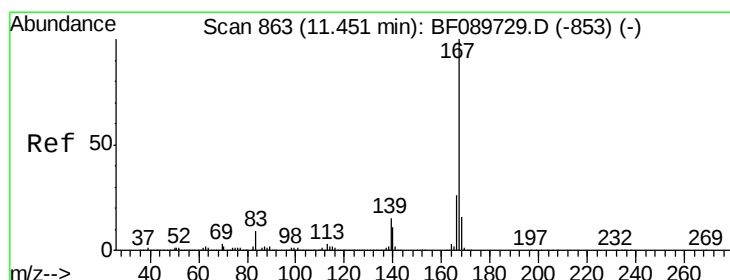
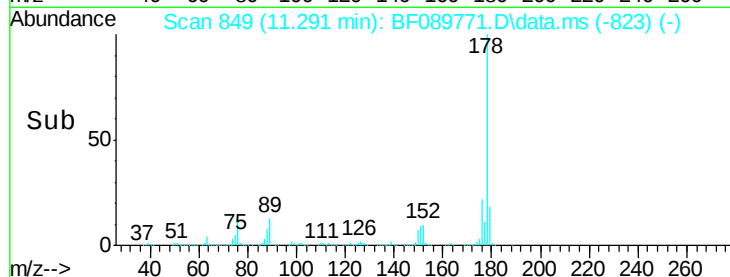
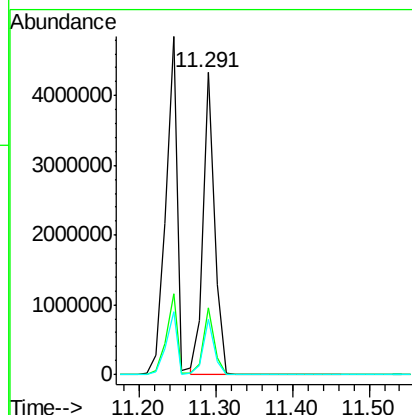
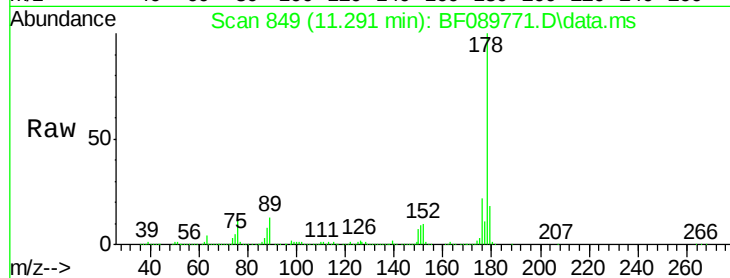
Tot Ion:178 Resp: 4408352

Ion Ratio Lower Upper

178 100

176 22.3 16.4 24.6

179 18.1 13.1 19.7



#72

Carbazole

Concen: 41.61 ng

RT: 11.451 min Scan# 863

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

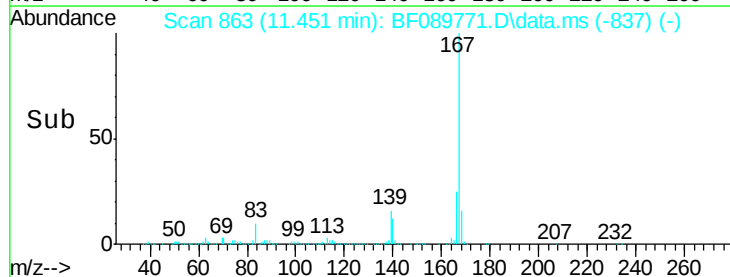
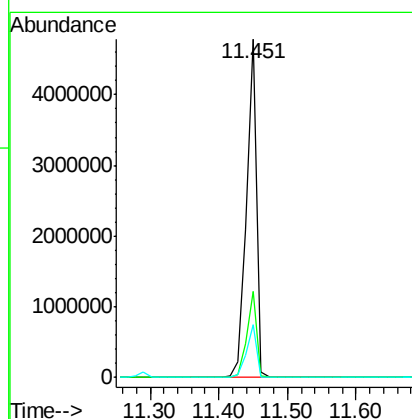
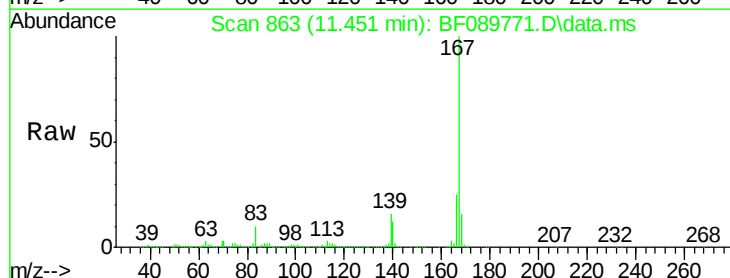
Tgt Ion:167 Resp: 4944087

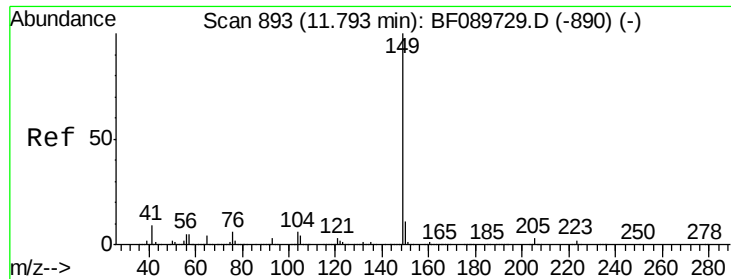
Ion Ratio Lower Upper

167 100

166 25.5 17.9 26.9

139 15.8 12.4 18.6





#73

Di-n-butylphthalate

Concen: 37.04 ng

RT: 11.794 min Scan# 89

Delta R.T. 0.001 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

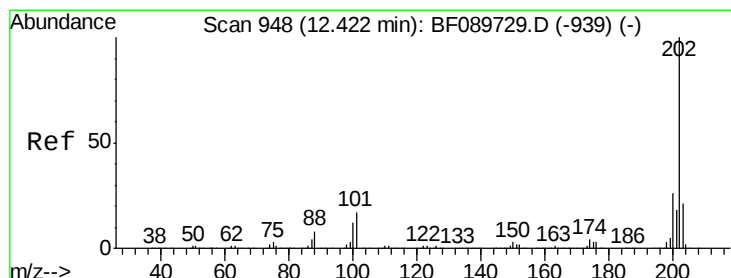
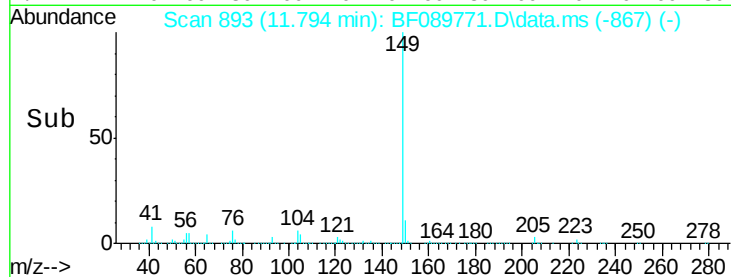
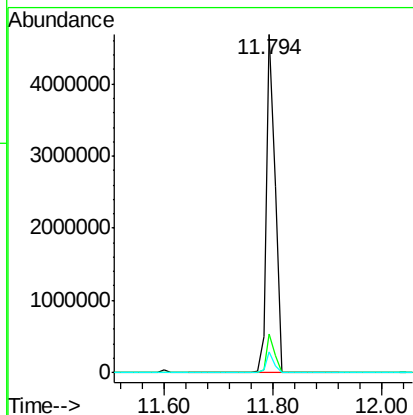
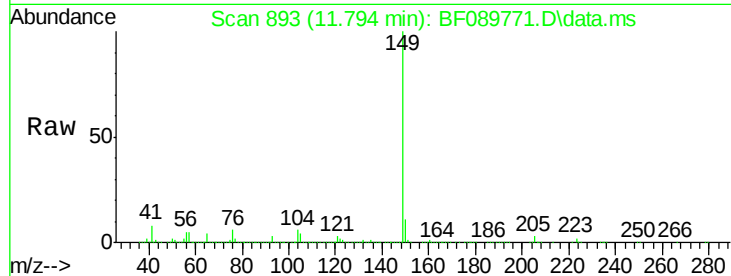
Tot Ion:149 Resp: 5352384

Ion Ratio Lower Upper

149 100

150 11.4 7.9 11.9

104 6.0 4.3 6.5



#74

Fluoranthene

Concen: 37.56 ng

RT: 12.422 min Scan# 948

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

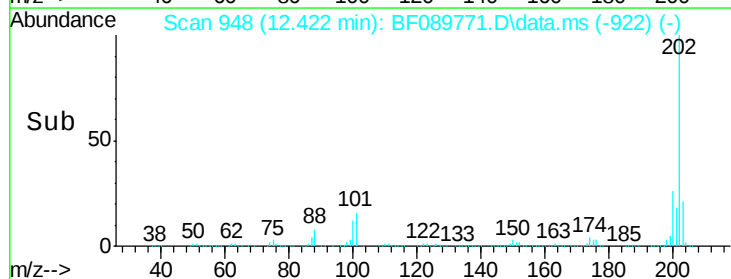
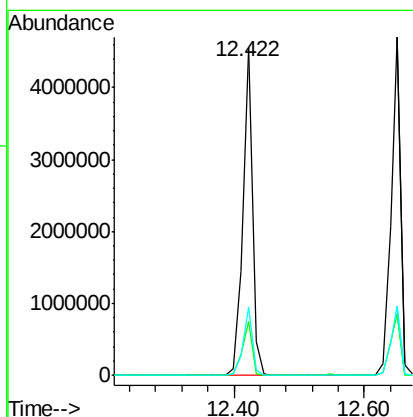
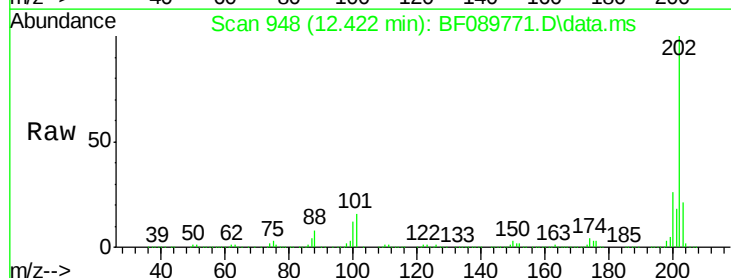
Tgt Ion:202 Resp: 4529798

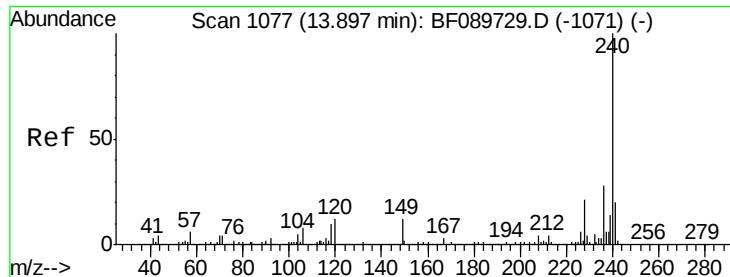
Ion Ratio Lower Upper

202 100

101 16.5 0.0 31.2

203 20.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.851 min Scan# 10

Delta R.T. -0.046 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

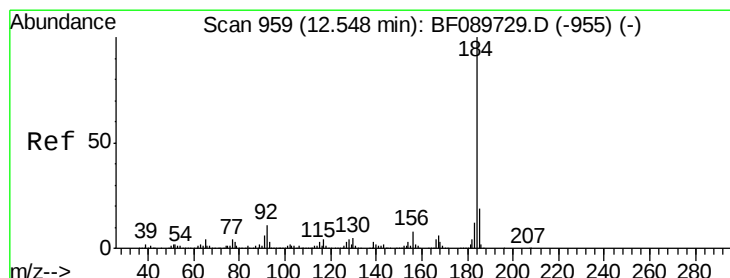
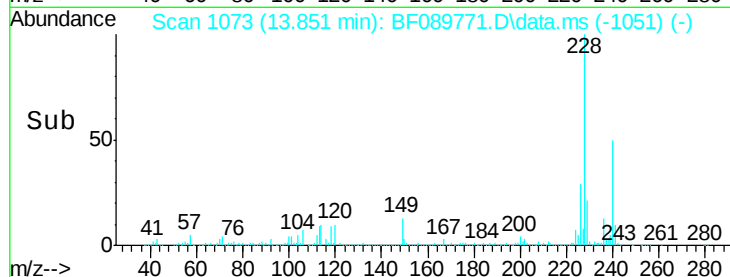
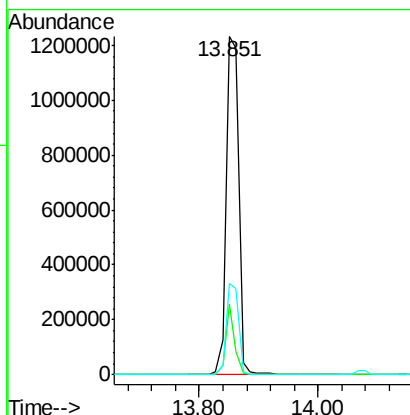
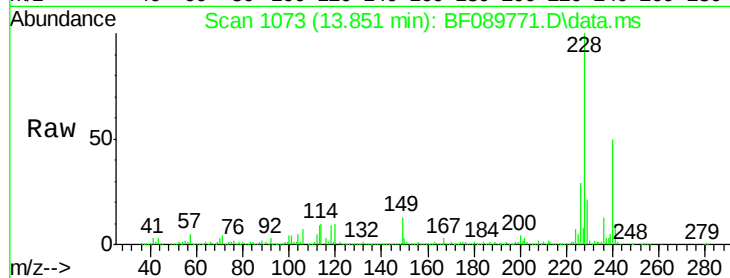
Tot Ion:240 Resp: 1810346

Ion Ratio Lower Upper

240 100

120 20.9 8.3 12.5#

236 26.9 21.3 31.9



#76

Benzidine

Concen: 28.27 ng

RT: 12.548 min Scan# 959

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

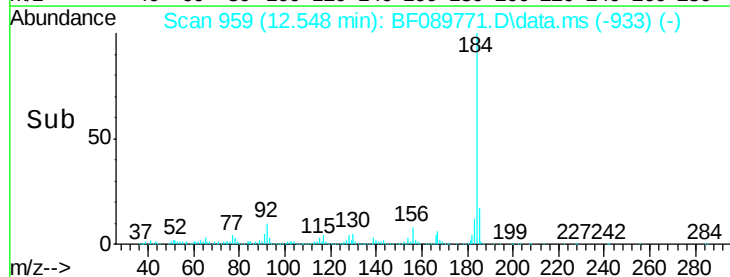
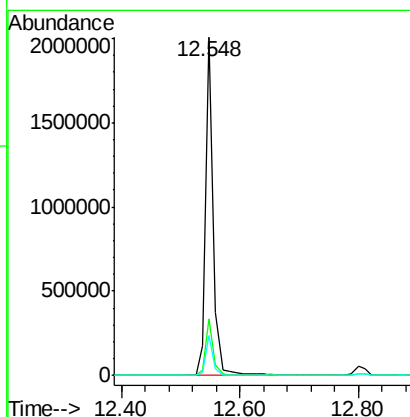
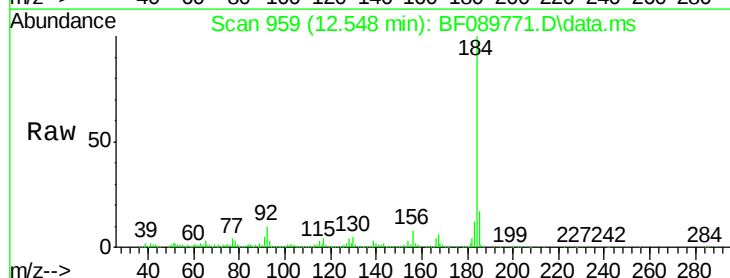
Tgt Ion:184 Resp: 1836714

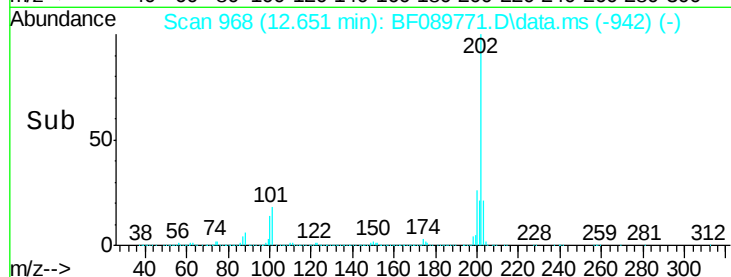
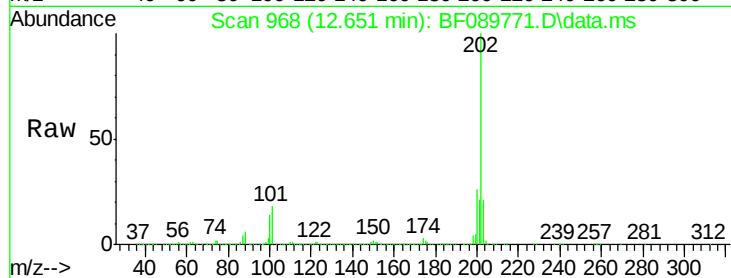
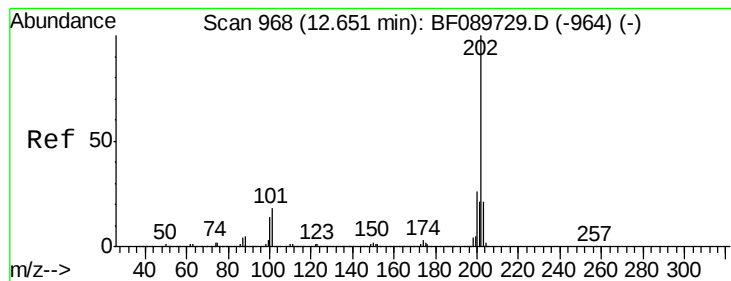
Ion Ratio Lower Upper

184 100

185 16.7 13.8 20.8

183 11.8 9.7 14.5





#77

Pvrene

Concen: 41.15 ng

RT: 12.651 min Scan# 96

Delta R.T. 0.000 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

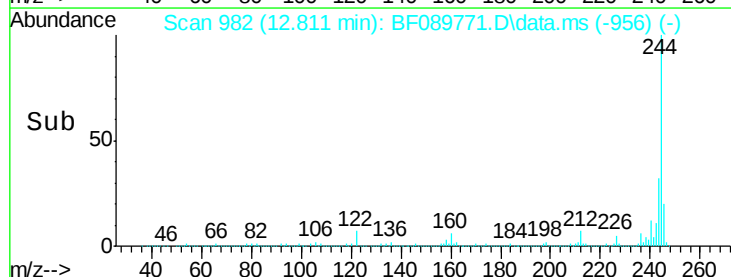
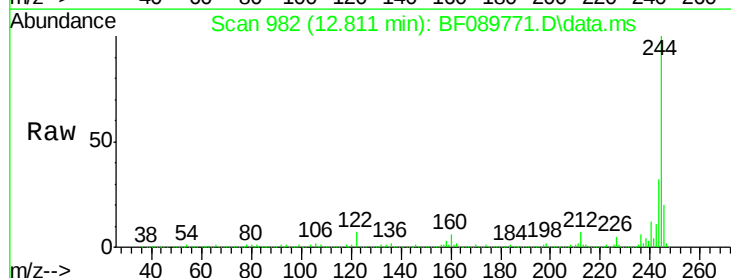
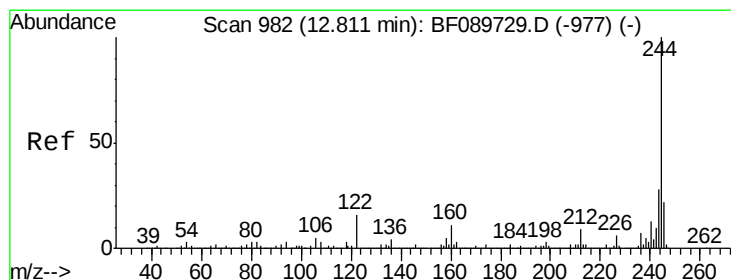
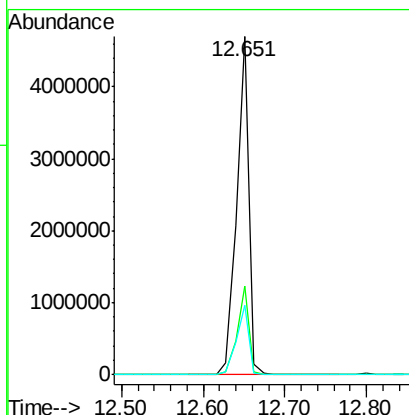
Tot Ion:202 Resp: 4874794

Ion Ratio Lower Upper

202 100

200 26.3 17.8 26.6

203 20.7 14.2 21.4



#78

Terphenyl-d14

Concen: 78.23 ng

RT: 12.811 min Scan# 982

Delta R.T. 0.001 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

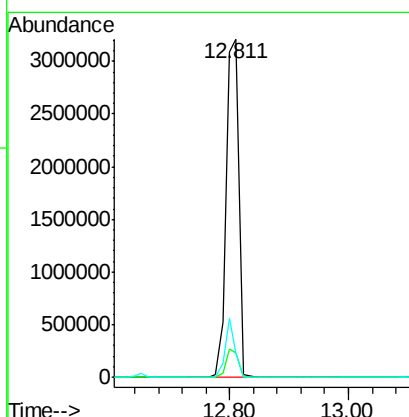
Tgt Ion:244 Resp: 4740594

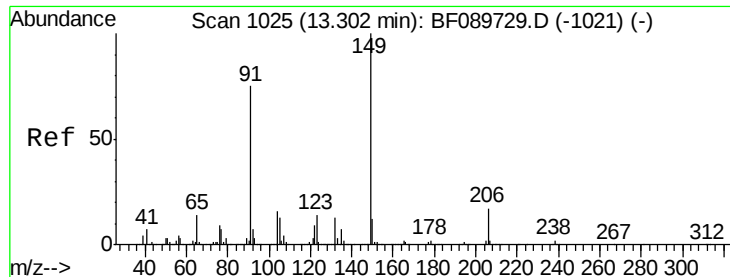
Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

122 7.3 12.0 18.0#

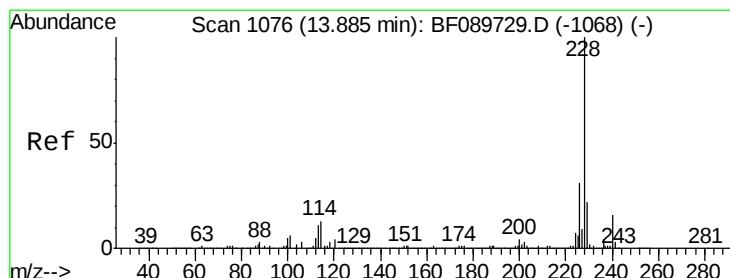
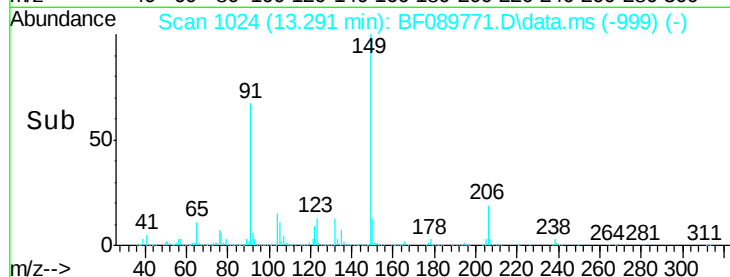
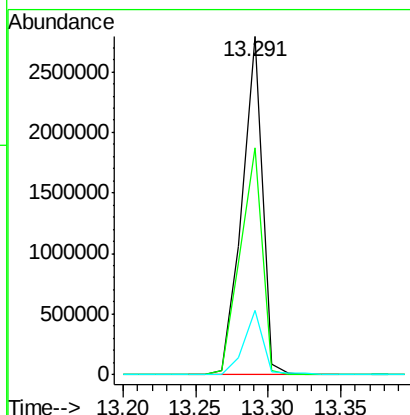
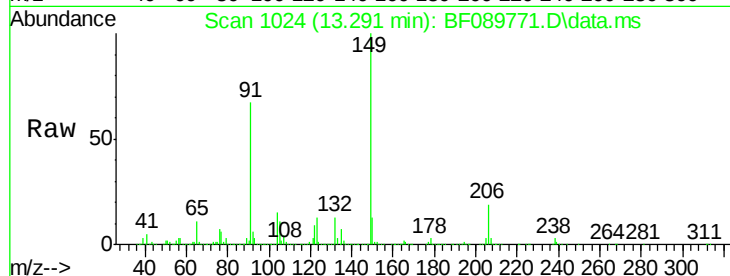




#79
Butylbenzylphthalate
Concen: 45.87 ng
RT: 13.291 min Scan# 1025
Delta R.T. -0.011 min
Lab File: BF089771.D
Acq: 17 Aug 2016 19:00

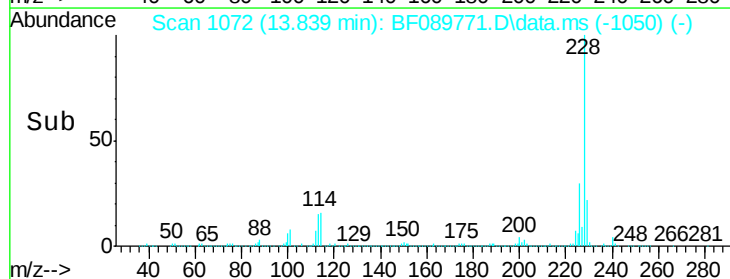
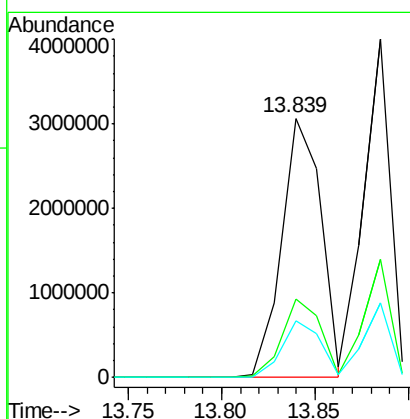
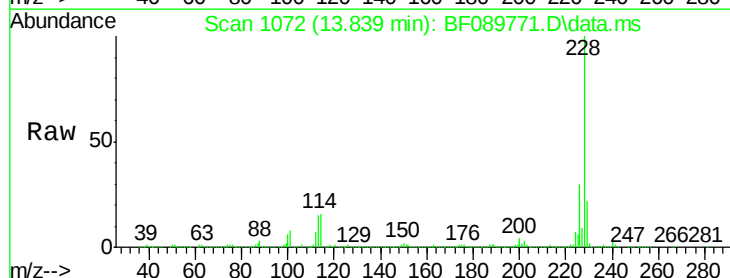
Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11MSD

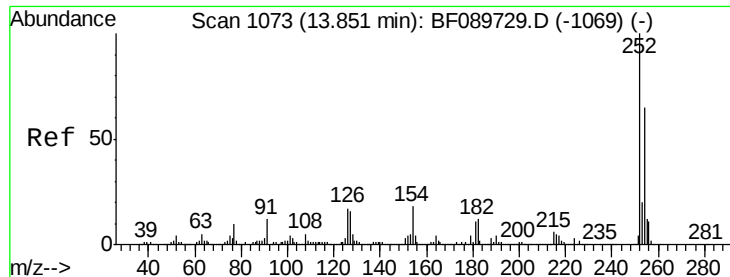
Tot Ion:149 Resp: 2726111
Ion Ratio Lower Upper
149 100
91 67.1 50.7 76.1
206 19.0 15.5 23.3



#80
Benzo(a)anthracene
Concen: 42.85 ng
RT: 13.839 min Scan# 1072
Delta R.T. -0.046 min
Lab File: BF089771.D
Acq: 17 Aug 2016 19:00

Tgt Ion:228 Resp: 4506617
Ion Ratio Lower Upper
228 100
226 30.3 23.2 34.8
229 21.9 16.2 24.4

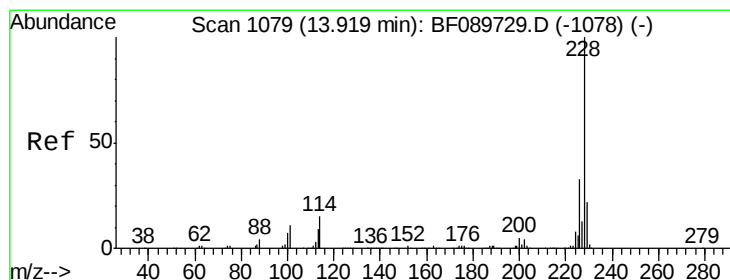
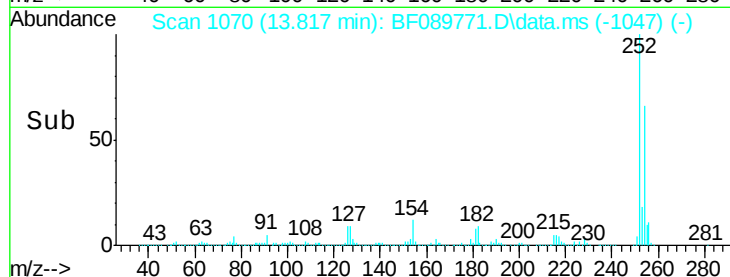
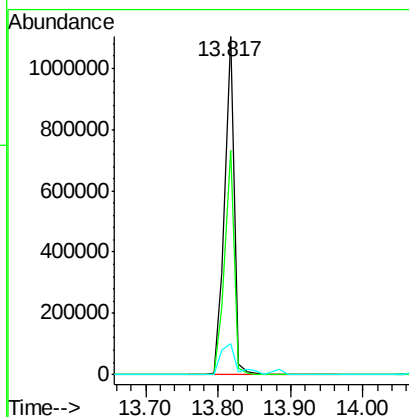
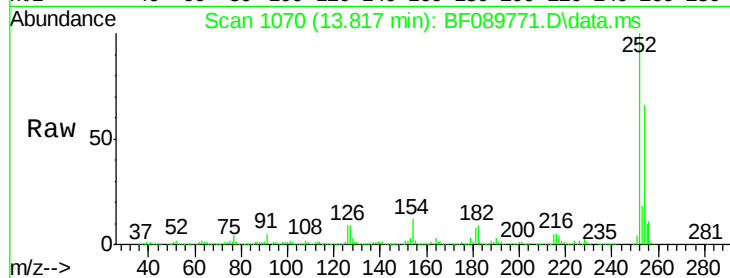




#81
 3,3'-Dichlorobenzidine
 Concen: 26.84 ng
 RT: 13.817 min Scan# 1073
 Delta R.T. -0.034 min
 Lab File: BF089771.D
 Acq: 17 Aug 2016 19:00

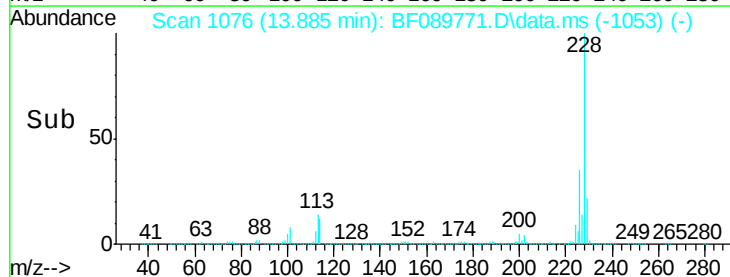
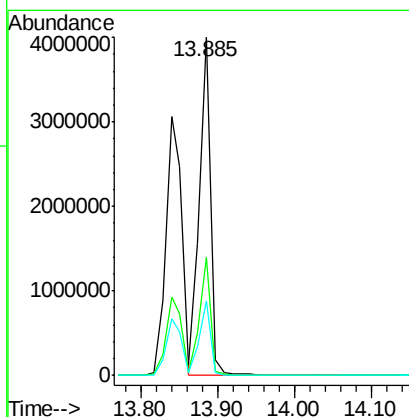
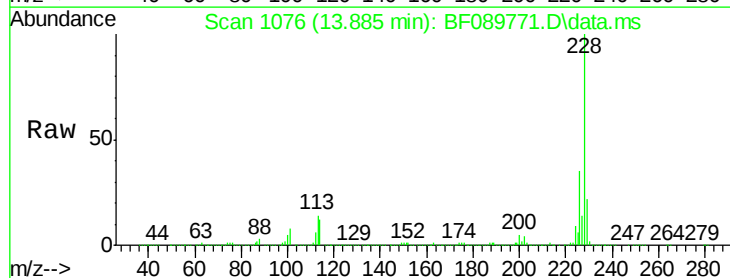
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-7A-9-11MSD

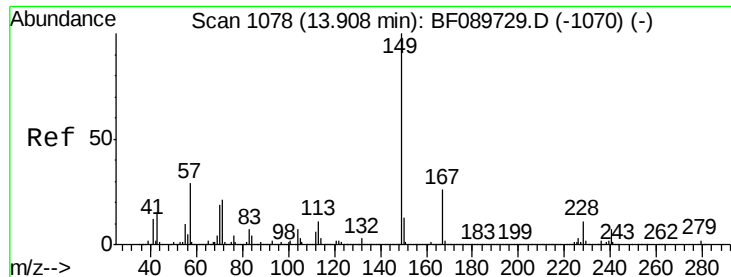
Tot Ion:252 Resp: 1028567
 Ion Ratio Lower Upper
 252 100
 254 66.5 50.6 75.8
 126 9.2 12.6 18.8#



#82
 Chrysene
 Concen: 42.42 ng
 RT: 13.885 min Scan# 1076
 Delta R.T. -0.034 min
 Lab File: BF089771.D
 Acq: 17 Aug 2016 19:00

Tgt Ion:228 Resp: 4015600
 Ion Ratio Lower Upper
 228 100
 226 34.9 25.4 38.0
 229 21.9 16.5 24.7

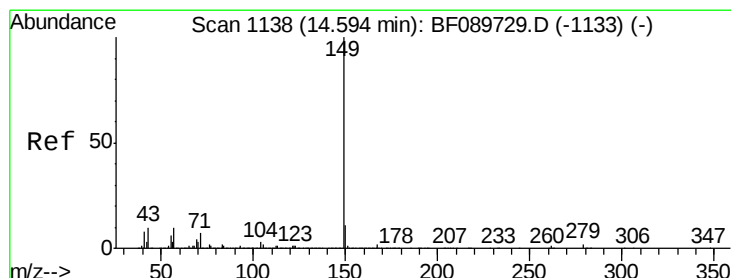
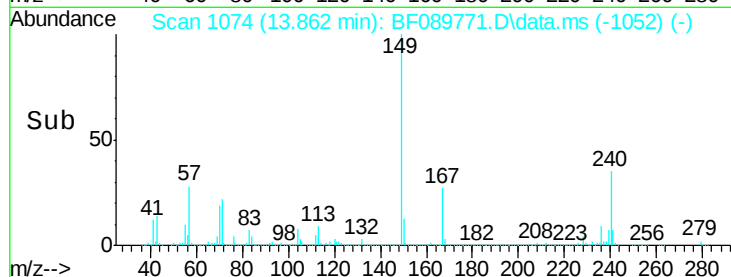
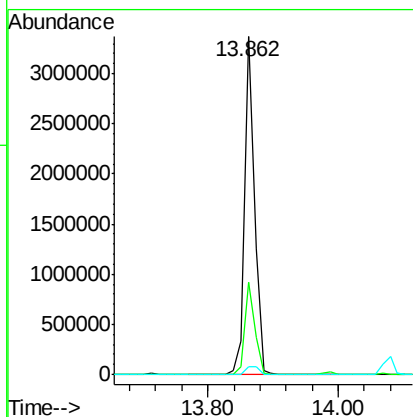
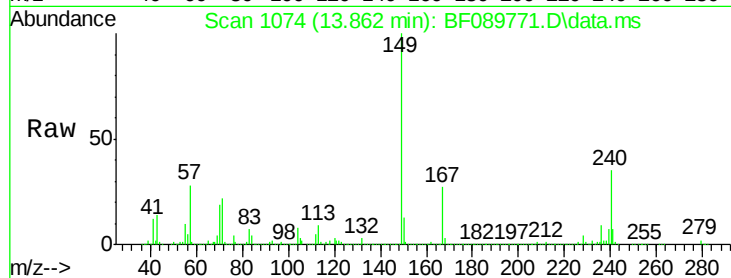




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.10 ng
 RT: 13.862 min Scan# 1078
 Delta R.T. -0.046 min
 Lab File: BF089771.D
 Acq: 17 Aug 2016 19:00

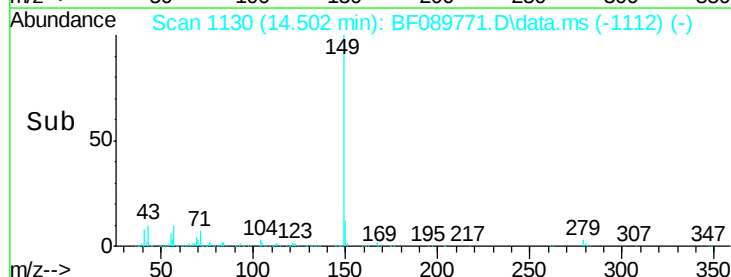
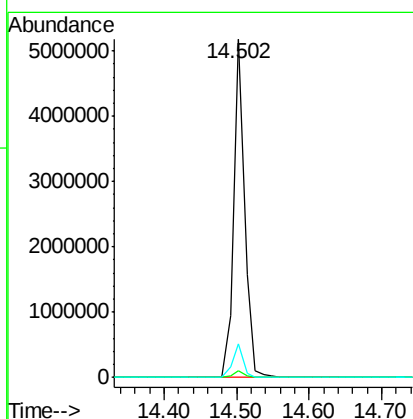
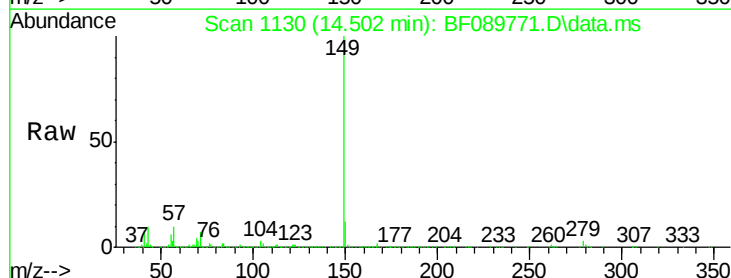
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-7A-9-11MSD

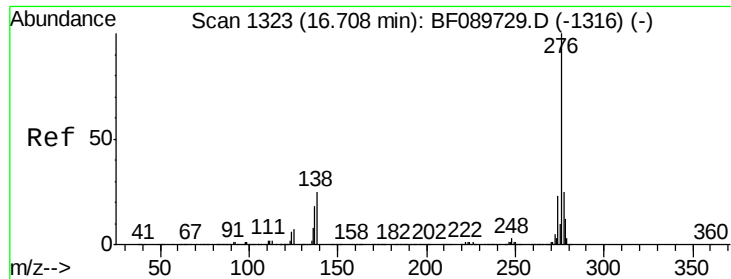
Tot Ion:149 Resp: 3468336
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.2 31.8
 279 2.2 2.9 4.3#



#84
 Di-n-octyl phthalate
 Concen: 44.23 ng
 RT: 14.502 min Scan# 1130
 Delta R.T. -0.091 min
 Lab File: BF089771.D
 Acq: 17 Aug 2016 19:00

Tgt Ion:149 Resp: 5407247
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8
 43 9.4 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 51.78 ng

RT: 16.571 min Scan# 131

Delta R.T. -0.137 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

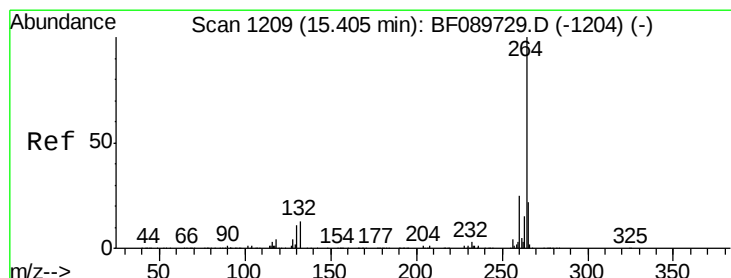
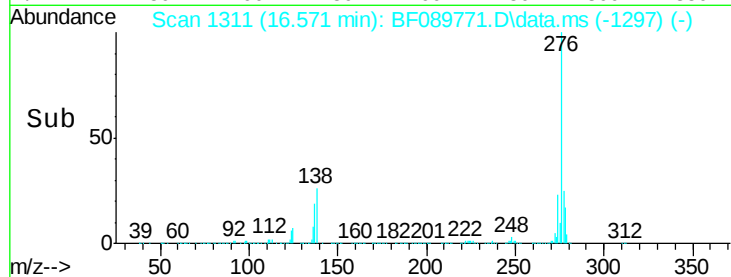
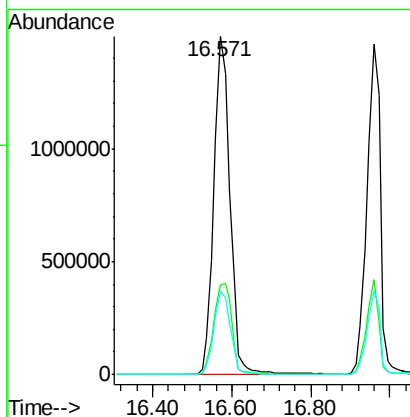
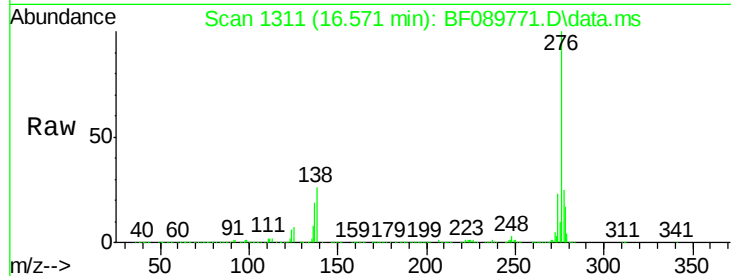
BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

Tot Ion:276 Resp: 4176040

Ion	Ratio	Lower	Upper
276	100		
138	30.4	24.6	36.8
277	25.5	20.4	30.6



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.280 min Scan# 1198

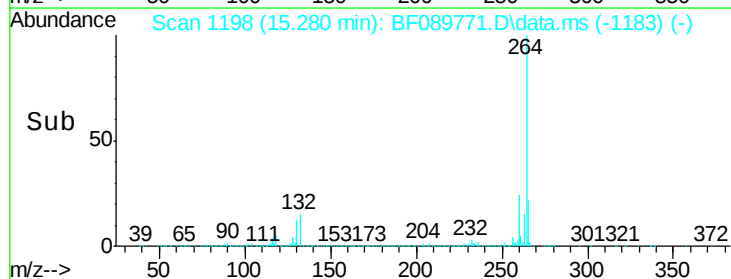
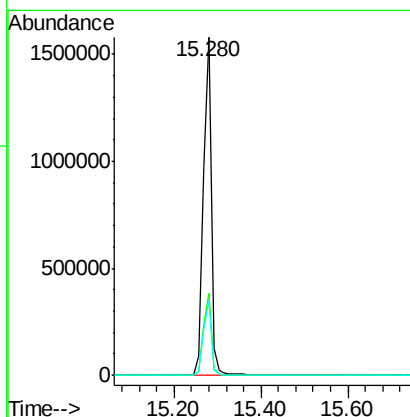
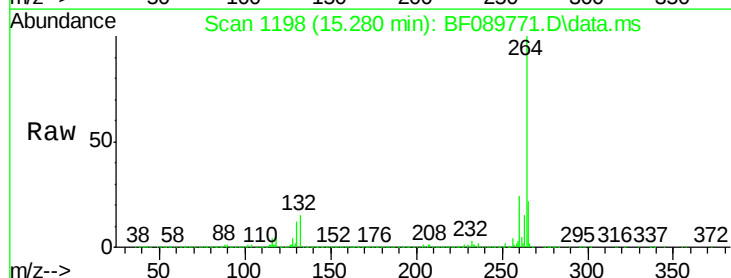
Delta R.T. -0.126 min

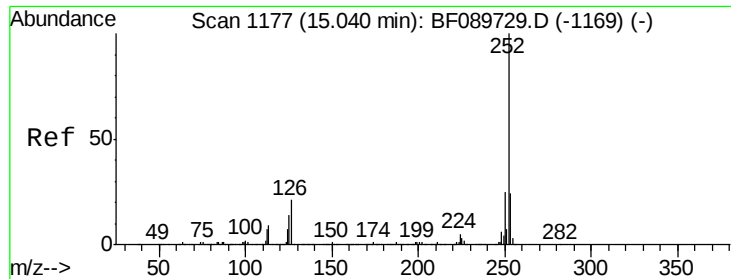
Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Tgt Ion:264 Resp: 1959587

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.2	30.2
265	21.8	17.4	26.2

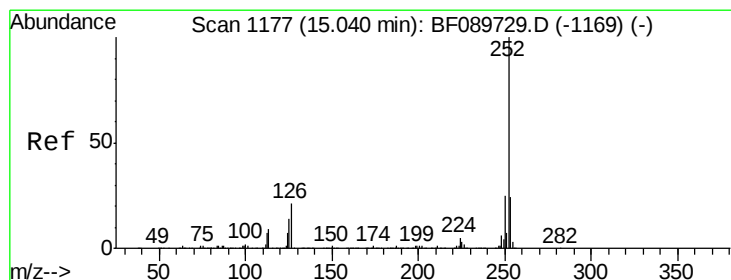
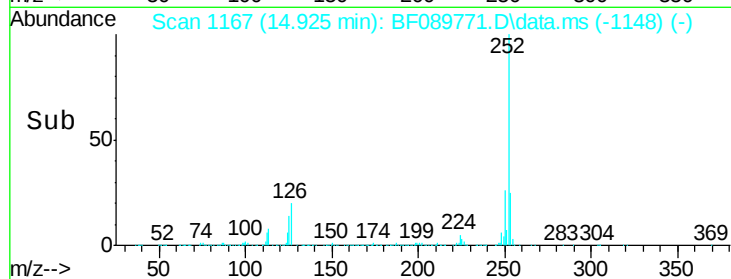
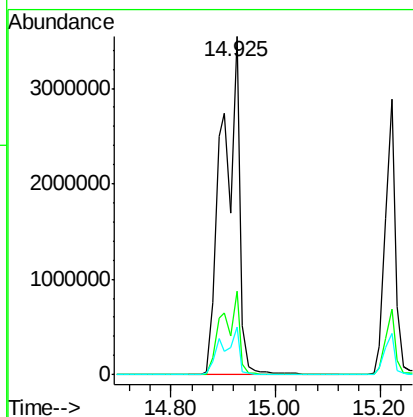
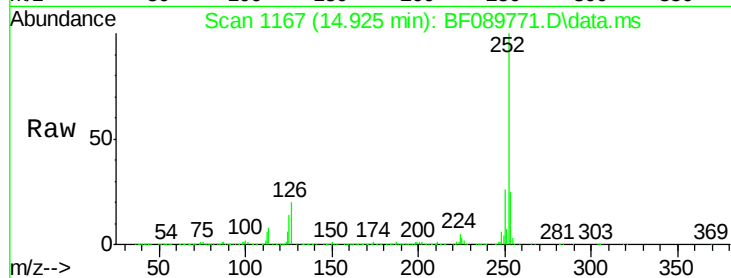




#87
Benzo(b)fluoranthene
Concen: 66.56 ng
RT: 14.925 min Scan# 1167
Delta R.T. -0.080 min
Lab File: BF089771.D
Acq: 17 Aug 2016 19:00

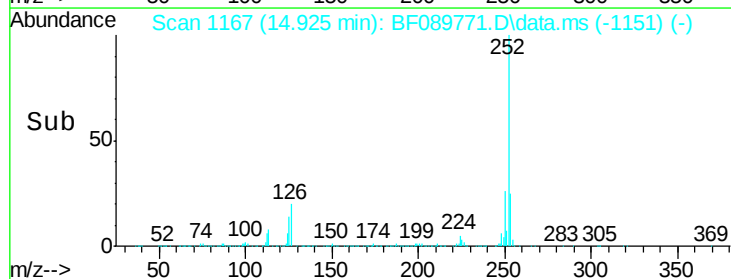
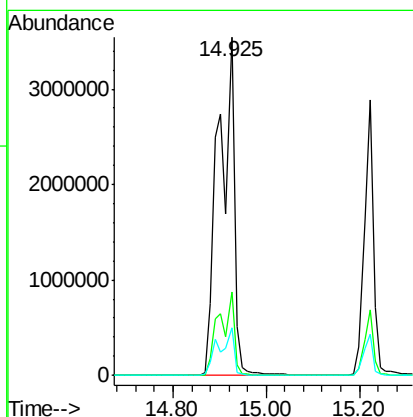
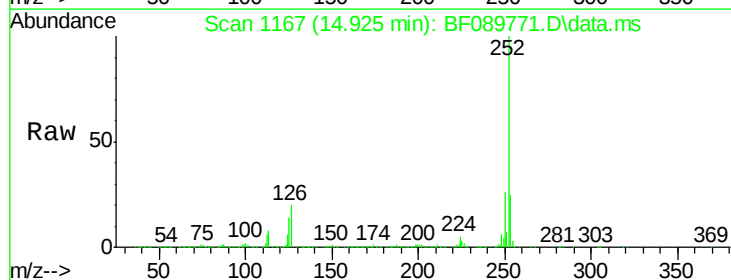
Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11MSD

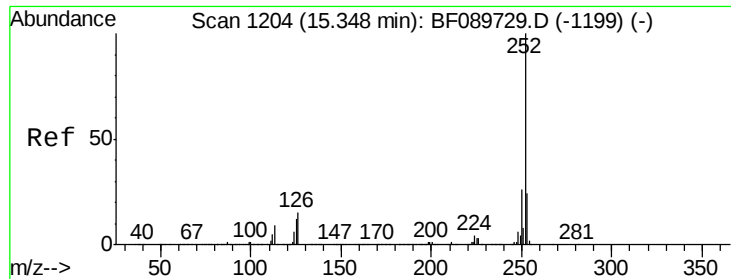
Tot Ion:252 Resp: 8264579
Ion Ratio Lower Upper
252 100
253 24.5 17.8 26.8
125 13.9 11.4 17.2



#88
Benzo(k)fluoranthene
Concen: 80.94 ng
RT: 14.925 min Scan# 1167
Delta R.T. -0.114 min
Lab File: BF089771.D
Acq: 17 Aug 2016 19:00

Tgt Ion:252 Resp: 8271739
Ion Ratio Lower Upper
252 100
253 24.5 18.4 27.6
125 13.9 9.8 14.6

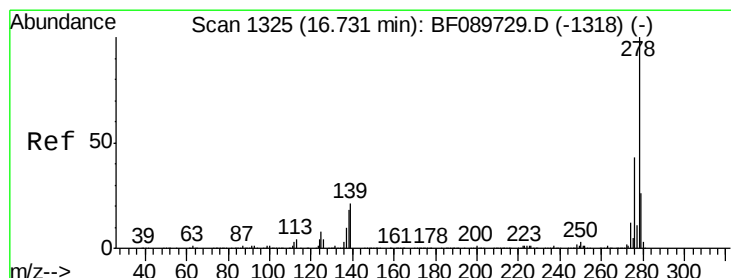
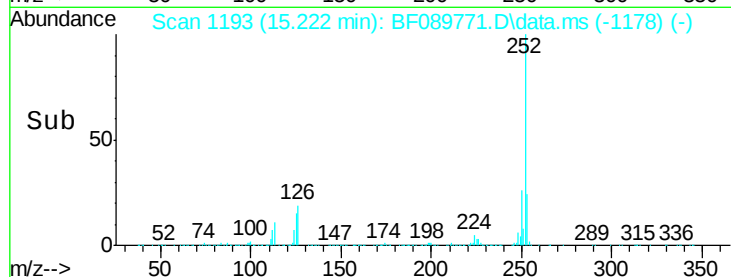
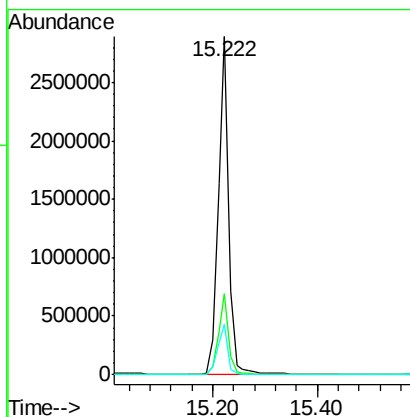
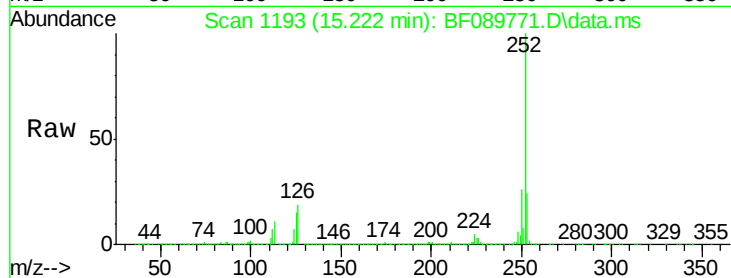




#89
Benzo(a)pyrene
Concen: 38.58 ng
RT: 15.222 min Scan# 111
Delta R.T. -0.126 min
Lab File: BF089771.D
Acq: 17 Aug 2016 19:00

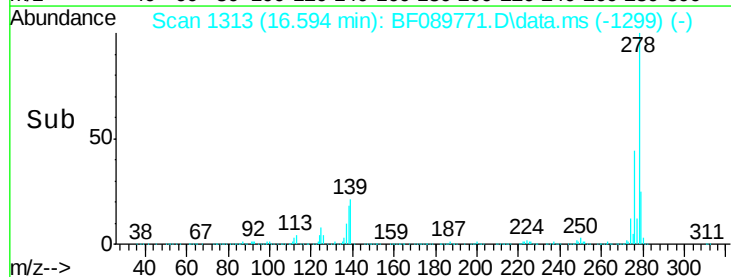
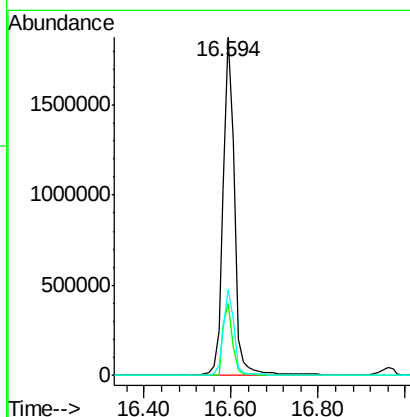
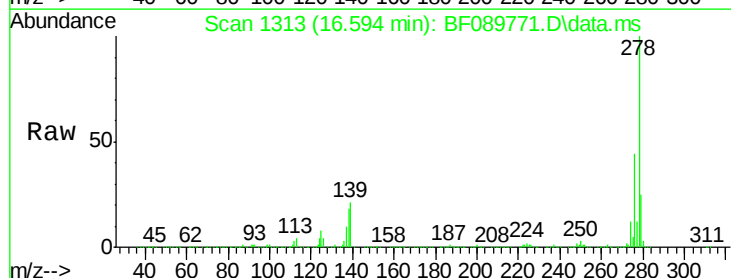
Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11MSD

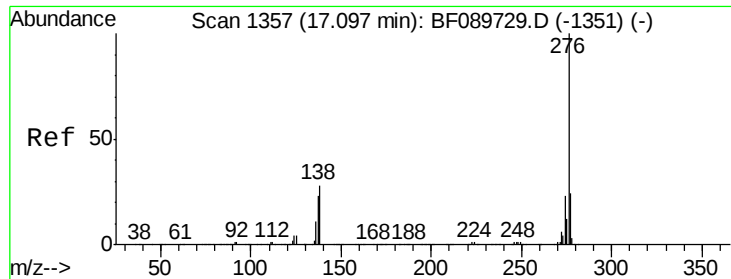
Tot Ion:252 Resp: 3954413
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 14.8 11.7 17.5



#90
Dibenzo(a,h)anthracene
Concen: 42.71 ng
RT: 16.594 min Scan# 1313
Delta R.T. -0.137 min
Lab File: BF089771.D
Acq: 17 Aug 2016 19:00

Tgt Ion:278 Resp: 3447413
Ion Ratio Lower Upper
278 100
139 21.1 14.9 22.3
279 25.5 19.2 28.8





#91

Benzo(a,h,i)perylene

Concen: 41.14 ng

RT: 16.960 min Scan# 13

Delta R.T. -0.137 min

Lab File: BF089771.D

Acq: 17 Aug 2016 19:00

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MSD

Tot Ion:276 Resp: 3379702

Ion Ratio Lower Upper

276 100

277 25.3 19.2 28.8

138 28.8 22.1 33.1

