

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA F\Data\BF081716\
 Data File : BF089770.D
 Acq On : 17 Aug 2016 18:33
 Operator : UM/SJ
 Sample : H4429-02MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

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

Quant Time: Aug 18 08:41:22 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	733731	20.00	ng	0.00	
21) Naphthalene-d8	7.987	136	3002639	20.00	ng	0.00	
38) Acenaphthene-d10	9.736	164	1386903	20.00	ng	0.00	
63) Phenanthrene-d10	11.211	188	2589988	20.00	ng	0.00	
75) Chrysene-d12	13.862	240	2014653	20.00	ng	-0.03	
86) Perylene-d12	15.291	264	2106092	20.00	ng	-0.11	
System Monitoring Compounds							
5) 2-Fluorophenol	5.290	112	4405555	100.18	ng	0.01	
7) Phenol-d6	6.342	99	5861299	104.79	ng	0.01	
23) Nitrobenzene-d5	7.267	82	3374853	68.63	ng	0.00	
41) 2,4,6-Tribromophenol	10.525	330	1376785	102.61	ng	0.00	
44) 2-Fluorobiphenyl	9.073	172	5876407	67.99	ng	0.00	
78) Terphenyl-d14	12.811	244	4817110	71.43	ng	0.00	
Target Compounds						Qvalue	
2) 1,4-Dioxane	2.261	88	643562	28.35	ng		98
3) Pyridine	2.901	79	1770194	30.26	ng		96
4) n-Nitrosodimethylamine	2.867	42	806107	34.33	ng		84
6) Aniline	6.364	93	1273396	16.94	ng	#	87
8) 2-Chlorophenol	6.490	128	1816541	34.73	ng	#	76
9) Benzaldehyde	6.239	77	662003	17.86	ng		86
10) Phenol	6.353	94	1874675	26.93	ng		99
11) bis(2-Chloroethyl)ether	6.444	93	1861318	36.08	ng		98
12) 1,3-Dichlorobenzene	6.639	146	1892868	33.86	ng		96
13) 1,4-Dichlorobenzene	6.719	146	1995108	35.22	ng		96
14) 1,2-Dichlorobenzene	6.719	146	1995108	36.94	ng		98
15) Benzyl Alcohol	6.844	79	1411065	37.75	ng		97
16) 2,2'-oxybis(1-Chloropr...	6.993	45	2184296	32.27	ng		93
17) 2-Methylphenol	6.970	107	1645219	39.59	ng		96
18) Hexachloroethane	7.210	117	733342	35.32	ng	#	86
19) n-Nitroso-di-n-propyla...	7.130	70	1234645	33.70	ng		93
20) 3+4-Methylphenols	7.119	107	1785708	33.55	ng	#	83
22) Acetophenone	7.119	105	2253551	32.29	ng	#	92
24) Nitrobenzene	7.290	77	2120765	38.34	ng		90
25) Isophorone	7.530	82	3501725	35.59	ng		97
26) 2-Nitrophenol	7.599	139	948746	36.45	ng	#	74
27) 2,4-Dimethylphenol	7.656	122	1874199	37.99	ng		99
28) bis(2-Chloroethoxy)met...	7.747	93	2112705	35.34	ng		97
29) 2,4-Dichlorophenol	7.850	162	1602424	39.01	ng		99
30) 1,2,4-Trichlorobenzene	7.930	180	1514462	34.35	ng		97
31) Naphthalene	8.010	128	4947654	36.71	ng		96
32) Benzoic acid	7.656	122	1874199	48.86	ng	#	12
33) 4-Chloroaniline	8.056	127	618428	9.92	ng	#	89
34) Hexachlorobutadiene	8.136	225	817922	35.31	ng		98
35) Caprolactam	8.479	113	74510	5.89	ng		91
36) 4-Chloro-3-methylphenol	8.547	107	1593881	35.65	ng		92
37) 2-Methylnaphthalene	8.696	142	3434864	37.44	ng	#	97
39) 1,2,4,5-Tetrachloroben...	8.867	216	1140227	25.57	ng		99

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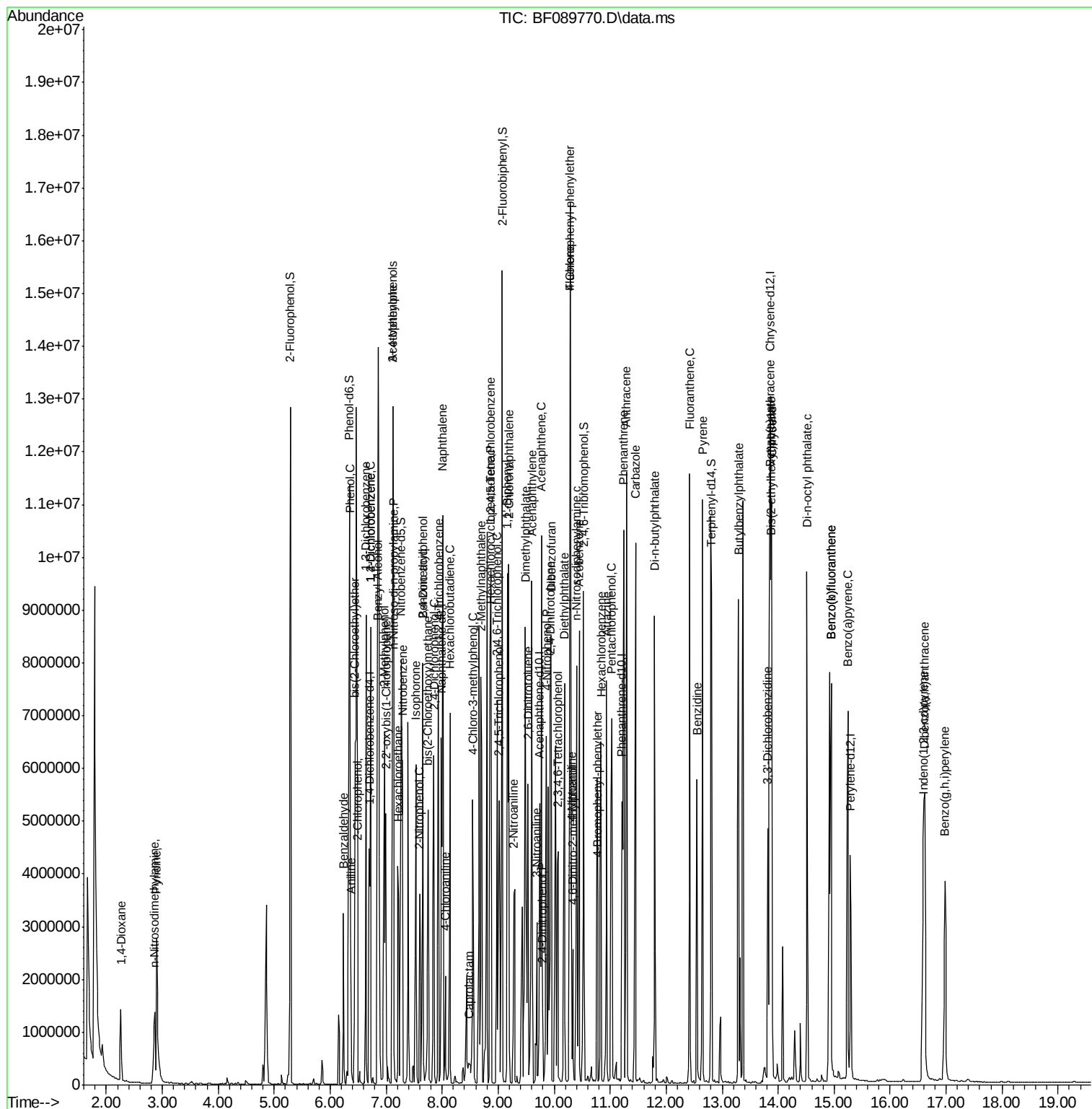
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Hexachlorocyclopentadiene	8.856	237	1347928	67.84	nq	99
42) 2,4,6-Trichlorophenol	8.982	196	1154729	40.09	nq	100
43) 2,4,5-Trichlorophenol	9.016	196	914784	33.31	nq	# 88
45) 1,1'-Biphenyl	9.165	154	3240235	28.21	nq	99
46) 2-Chloronaphthalene	9.188	162	2988316	34.72	nq	97
47) 2-Nitroaniline	9.279	65	994504	37.92	nq	97
48) Acenaphthylene	9.599	152	4455483	33.63	nq	97
49) Dimethylphthalate	9.485	163	5472445	54.53	nq	# 98
50) 2,6-Dinitrotoluene	9.530	165	839308	36.95	nq	88
51) Acenaphthene	9.770	154	2803963	31.36	nq	99
52) 3-Nitroaniline	9.690	138	471210	17.84	nq	98
53) 2,4-Dinitrophenol	9.793	184	161458	17.35	nq	96
54) Dibenzofuran	9.942	168	4003098	36.38	nq	99
55) 4-Nitrophenol	9.862	139	1351932	66.55	nq	90
56) 2,4-Dinitrotoluene	9.930	165	1084214	37.14	nq	# 71
57) Fluorene	10.285	166	2809446	31.60	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.068	232	815992	38.04	nq	98
59) Diethylphthalate	10.182	149	3794838	37.30	nq	96
60) 4-Chlorophenyl-phenyle...	10.285	204	1351062	30.96	nq	99
61) 4-Nitroaniline	10.308	138	862763	33.65	nq	96
62) Azobenzene	10.445	77	3933714	40.91	nq	95
64) 4,6-Dinitro-2-methylph...	10.331	198	314993	20.95	nq	80
65) n-Nitrosodiphenylamine	10.399	169	3032464	37.31	nq	100
66) 4-Bromophenyl-phenylether	10.776	248	945837	35.26	nq	97
67) Hexachlorobenzene	10.833	284	1098181	36.83	nq	# 95
68) Atrazine	10.936	200	876785	35.61	nq	95
69) Pentachlorophenol	11.028	266	1105868	59.53	nq	99
70) Phenanthrene	11.245	178	4983484	39.15	nq	95
71) Anthracene	11.291	178	4227317	31.78	nq	96
72) Carbazole	11.451	167	4856867	38.54	nq	96
73) Di-n-butylphthalate	11.794	149	4907234	32.01	nq	97
74) Fluoranthene	12.422	202	4343053	33.95	nq	92
76) Benzidine	12.548	184	1887746	26.11	nq	99
77) Pyrene	12.651	202	4805392	36.45	nq	94
79) Butylbenzylphthalate	13.291	149	2575060	38.93	nq	99
80) Benzo(a)anthracene	13.851	228	4197691	35.86	nq	97
81) 3,3'-Dichlorobenzidine	13.817	252	980675	22.99	nq	# 97
82) Chrysene	13.885	228	3457007	32.82	nq	95
83) Bis(2-ethylhexyl)phtha...	13.874	149	3398257	38.82	nq	# 95
84) Di-n-octyl phthalate	14.514	149	5170864	38.01	nq	97
85) Indeno(1,2,3-cd)pyrene	16.594	276	3975943	44.30	nq	100
87) Benzo(b)fluoranthene	14.948	252	7977726	59.78	nq	# 93
88) Benzo(k)fluoranthene	14.948	252	7982009	72.67	nq	# 96
89) Benzo(a)pyrene	15.245	252	3942210	35.78	nq	# 95
90) Dibenzo(a,h)anthracene	16.617	278	3299151	38.03	nq	97
91) Benzo(g,h,i)perylene	16.983	276	3220685	36.48	nq	99

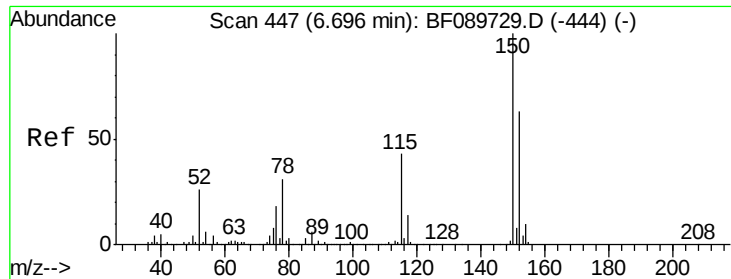
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.696 min Scan# 44

Delta R.T. 0.000 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MS

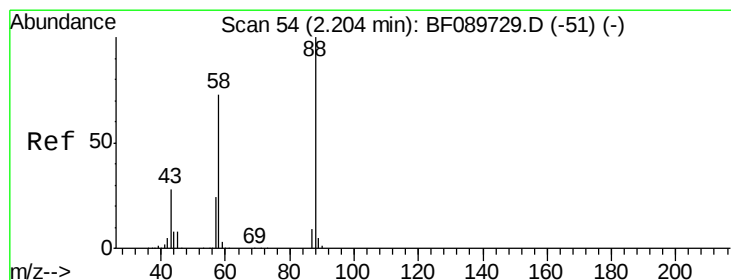
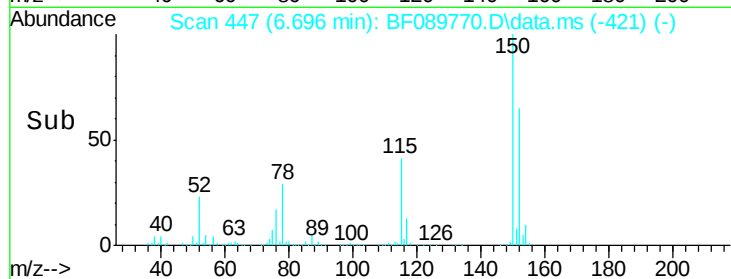
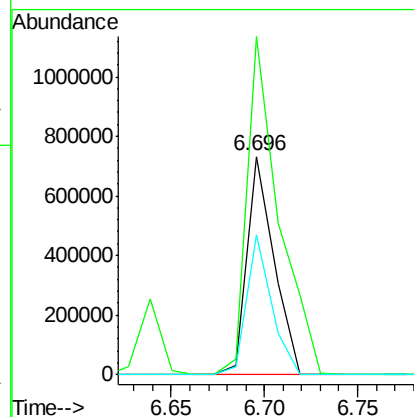
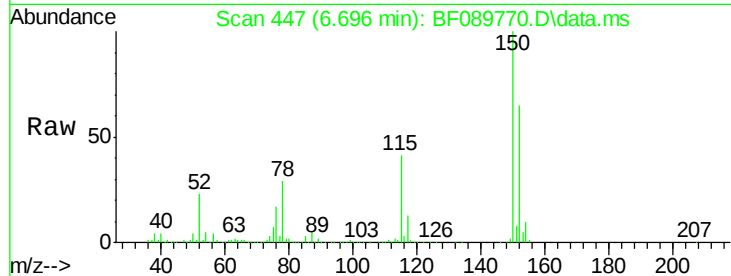
Tot Ion:152 Resp: 733731

Ion Ratio Lower Upper

152 100

150 155.0 125.3 187.9

115 64.1 40.9 61.3#



#2

1,4-Dioxane

Concen: 28.35 ng

RT: 2.261 min Scan# 59

Delta R.T. 0.057 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

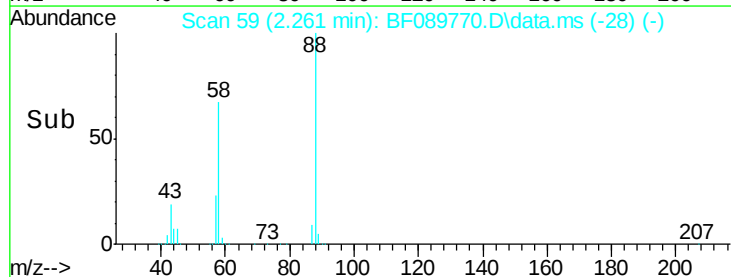
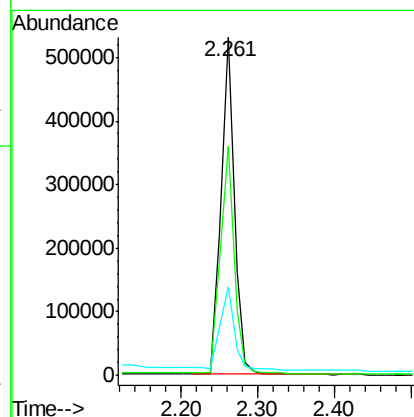
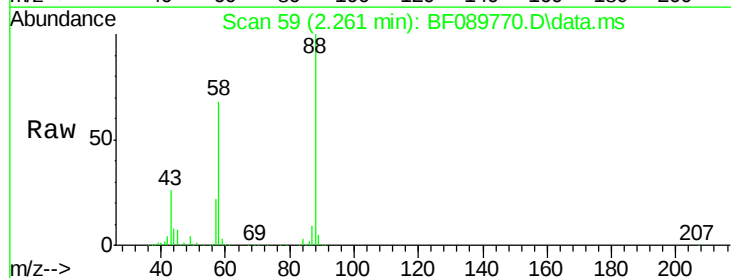
Tgt Ion: 88 Resp: 643562

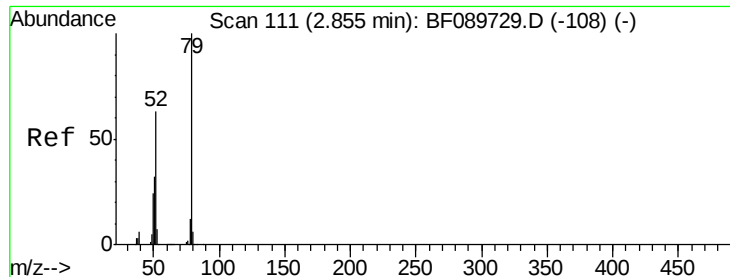
Ion Ratio Lower Upper

88 100

58 70.1 57.0 85.4

43 26.0 21.8 32.8





#3

Pvridine

Concen: 30.26 ng

RT: 2.901 min Scan# 111

Delta R.T. 0.046 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

Instrument :

BNA_F

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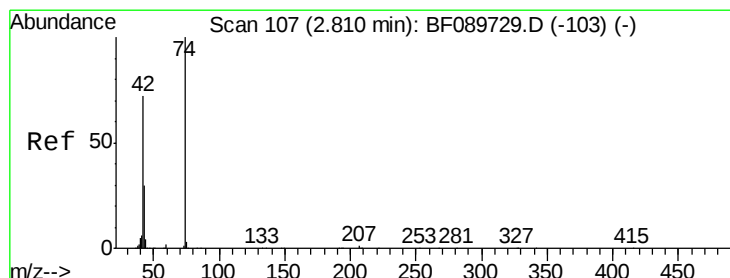
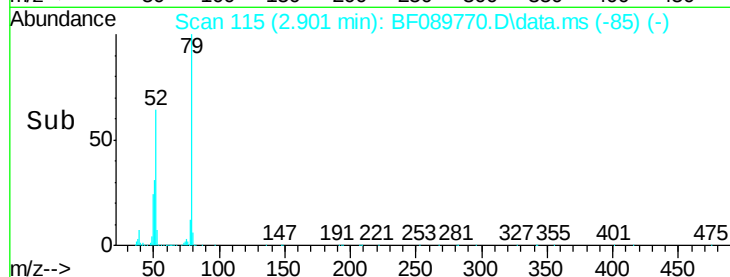
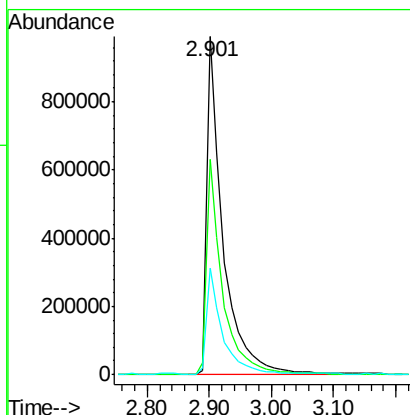
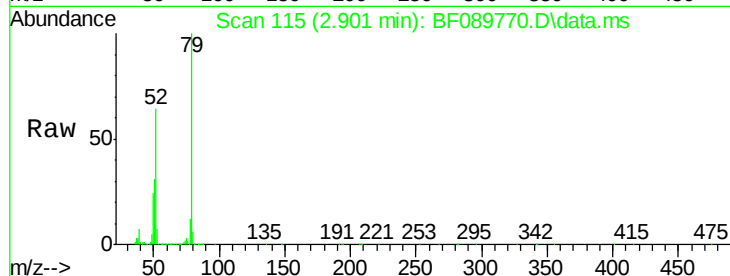
Tot Ion: 79 Resp: 1770194

Ion Ratio Lower Upper

79 100

52 63.7 53.6 80.4

51 31.5 26.6 39.8



#4

n-Nitrosodimethylamine

Concen: 34.33 ng

RT: 2.867 min Scan# 112

Delta R.T. 0.057 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

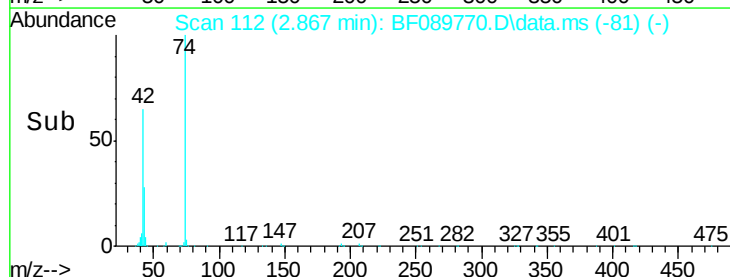
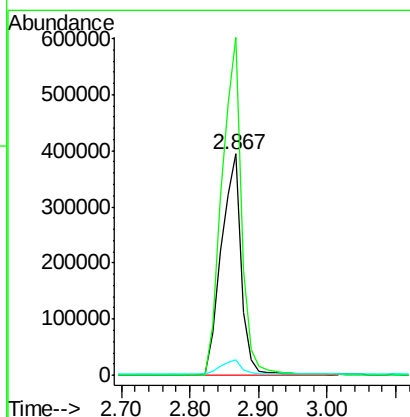
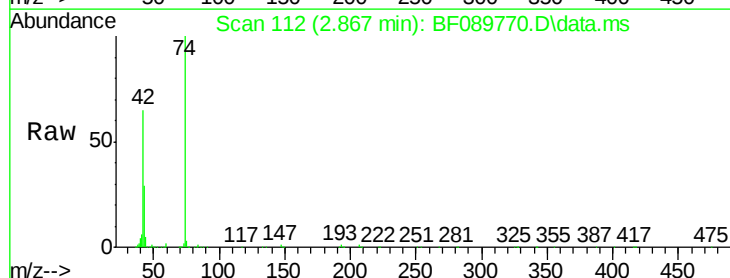
Tgt Ion: 42 Resp: 806107

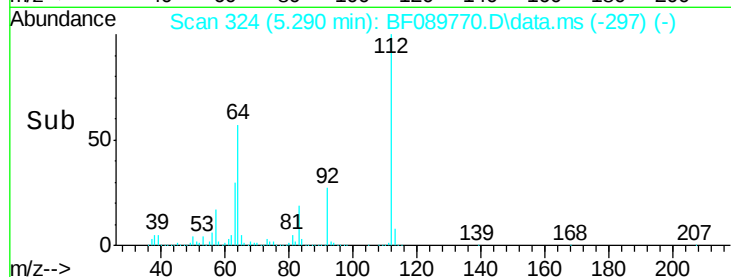
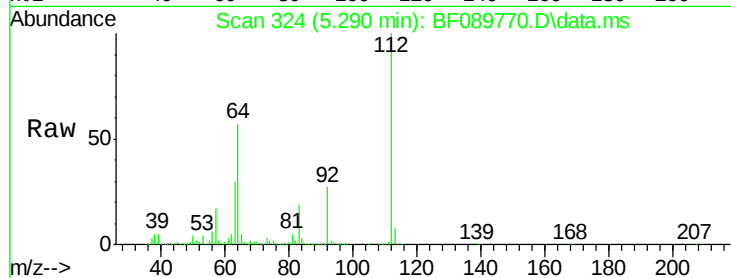
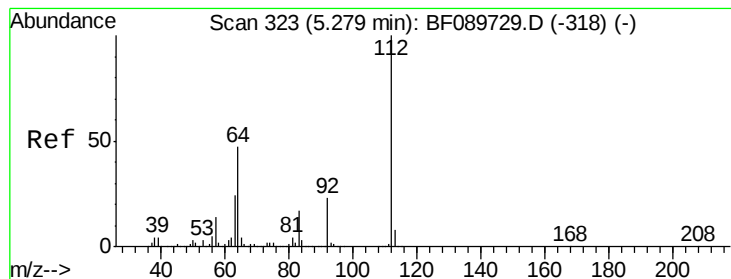
Ion Ratio Lower Upper

42 100

74 152.9 106.2 159.2

44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 100.18 ng

RT: 5.290 min Scan# 32

Delta R.T. 0.012 min

Lab File: BF089770.D

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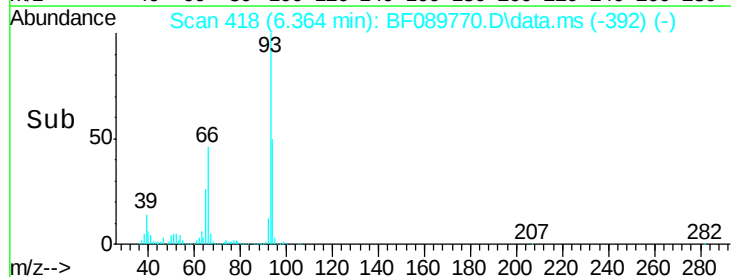
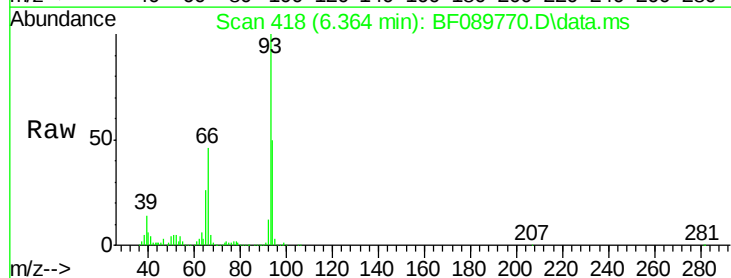
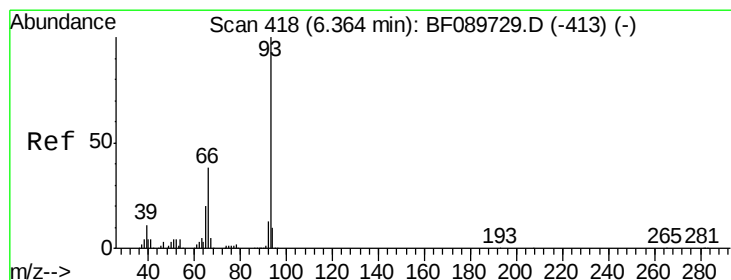
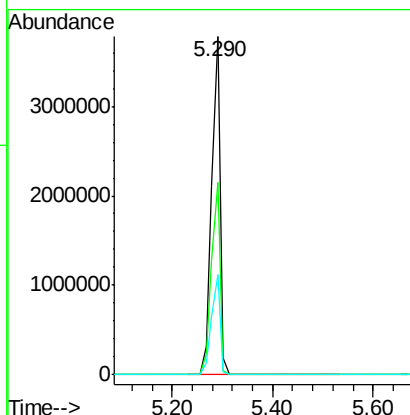
Tot Ion:112 Resp: 4405555

Ion Ratio Lower Upper

112 100

64 56.8 45.0 67.4

63 29.6 23.1 34.7



#6

Aniline

Concen: 16.94 ng

RT: 6.364 min Scan# 418

Delta R.T. 0.000 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

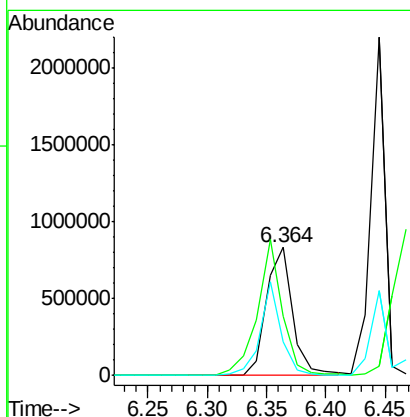
Tgt Ion: 93 Resp: 1273396

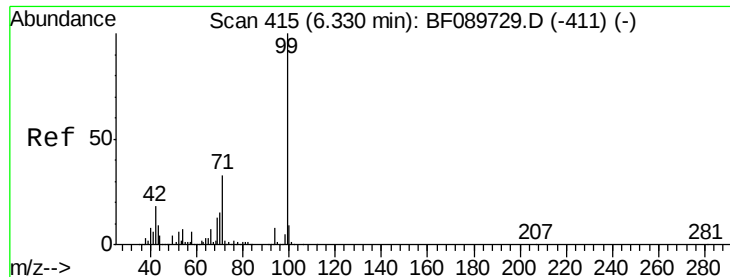
Ion Ratio Lower Upper

93 100

66 45.7 30.6 46.0

65 25.9 15.4 23.2#





#7

Phenol-d6

Concen: 104.79 ng

RT: 6.342 min Scan# 41

Delta R.T. 0.011 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

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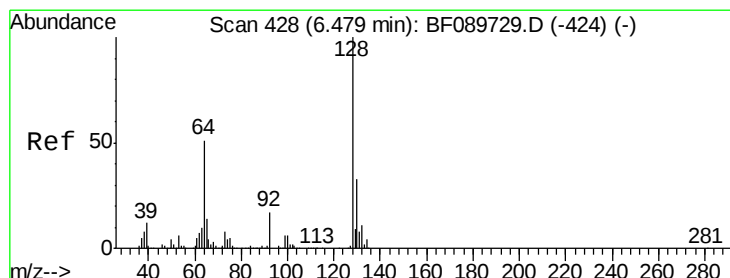
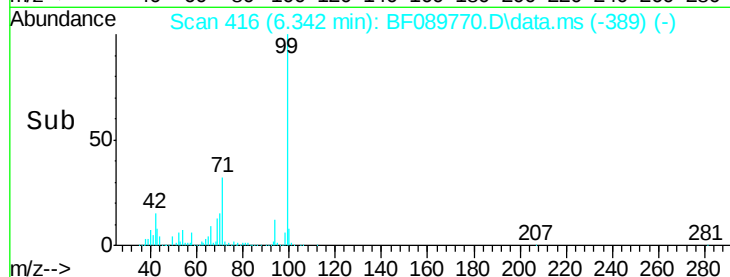
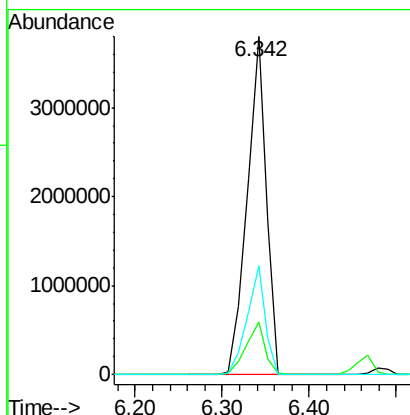
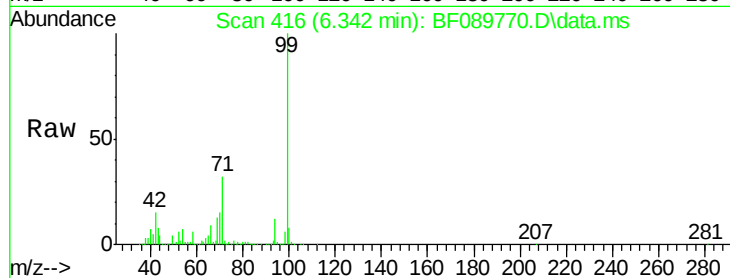
Tot Ion: 99 Resp: 5861299

Ion Ratio Lower Upper

99 100

42 15.5 12.2 18.4

71 32.1 23.8 35.8



#8

2-Chlorophenol

Concen: 34.73 ng

RT: 6.490 min Scan# 429

Delta R.T. 0.011 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

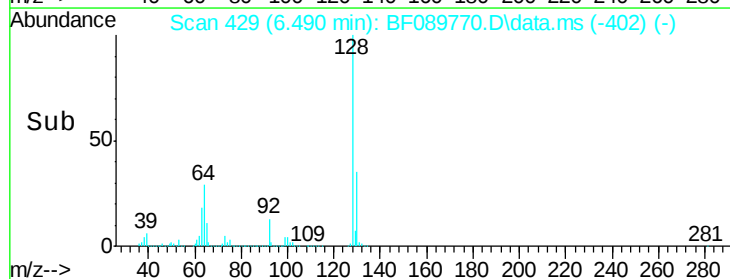
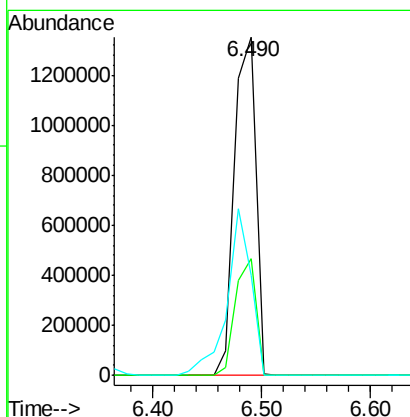
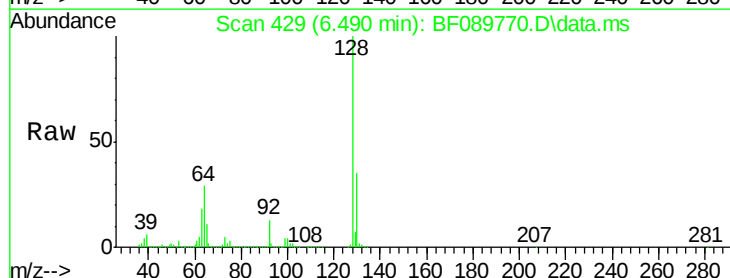
Tgt Ion:128 Resp: 1816541

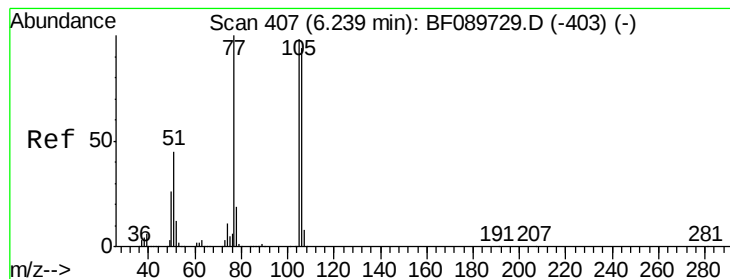
Ion Ratio Lower Upper

128 100

130 34.6 12.0 52.0

64 29.5 35.1 75.1#





#9

Benzaldehyde

Concen: 17.86 ng

RT: 6.239 min Scan# 407

Delta R.T. 0.000 min

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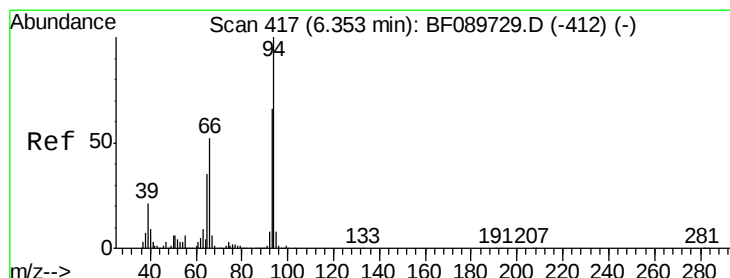
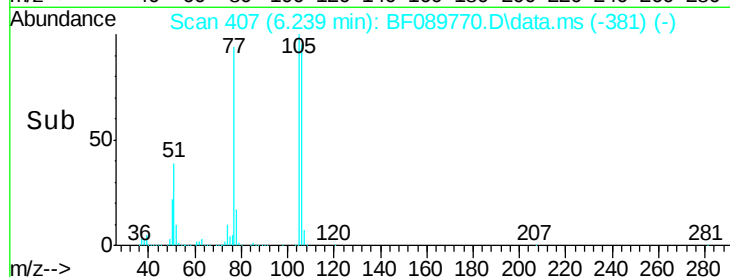
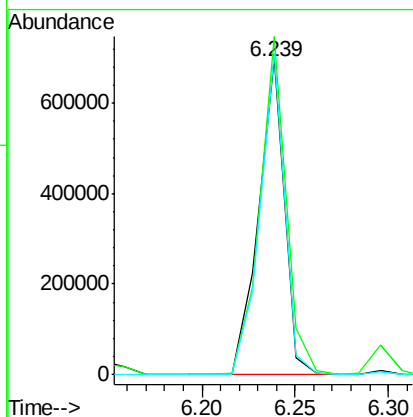
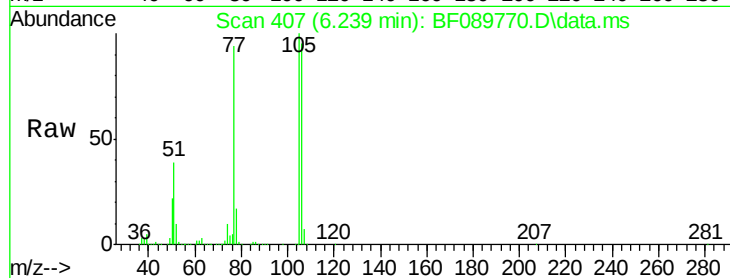
Tot Ion: 77 Resp: 662003

Ion Ratio Lower Upper

77 100

105 106.9 73.3 113.3

106 101.7 68.6 108.6



#10

Phenol

Concen: 26.93 ng

RT: 6.353 min Scan# 417

Delta R.T. 0.000 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

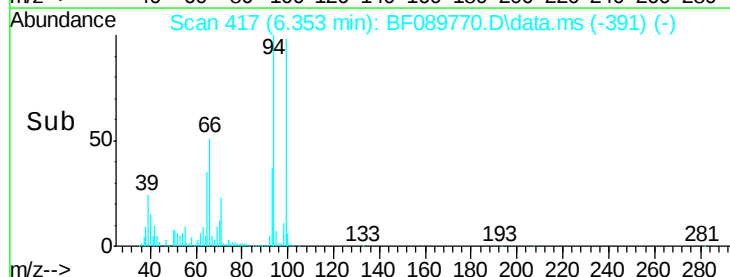
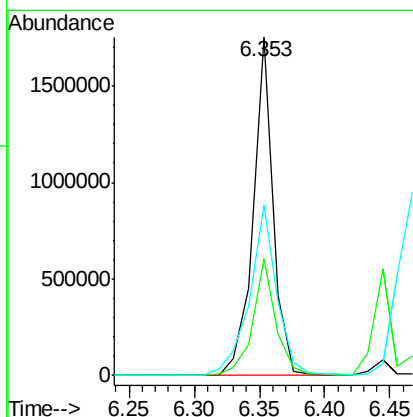
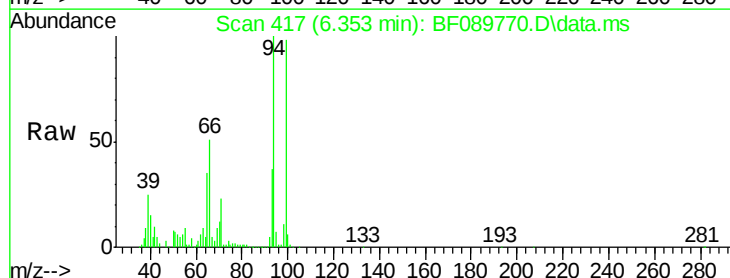
Tgt Ion: 94 Resp: 1874675

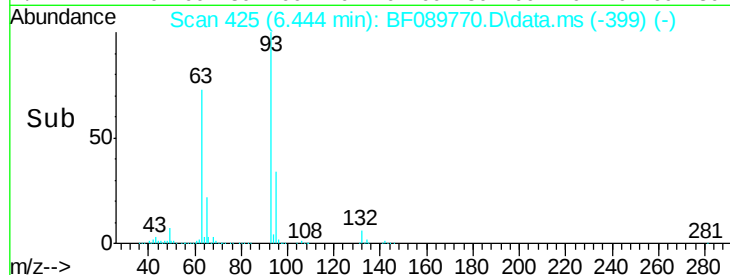
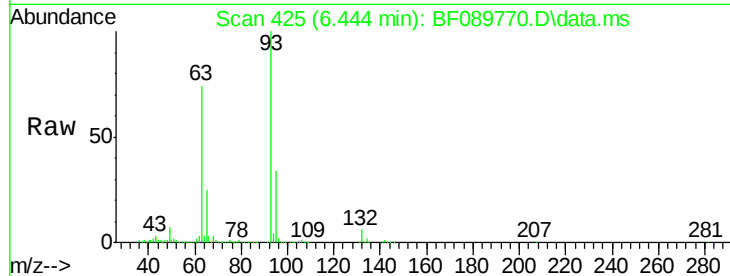
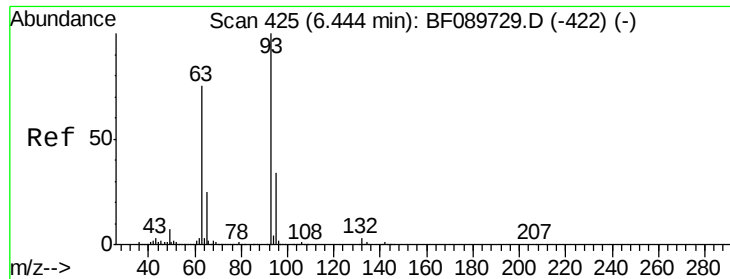
Ion Ratio Lower Upper

94 100

65 34.6 14.0 54.0

66 50.6 31.2 71.2

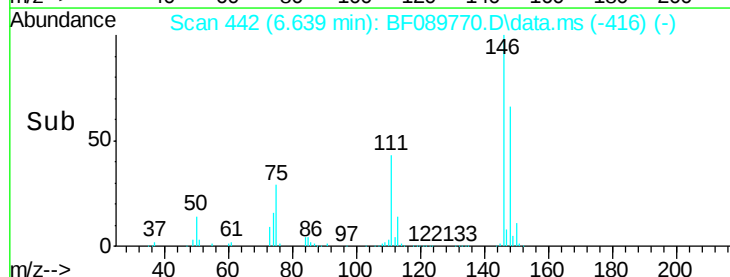
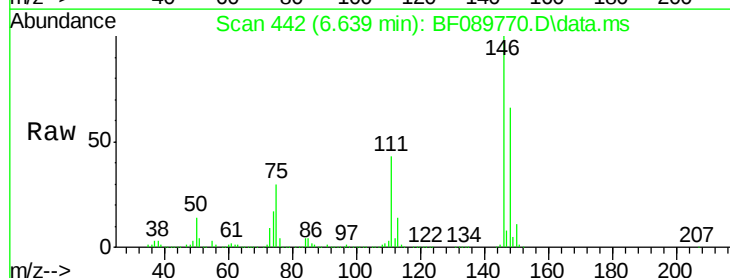
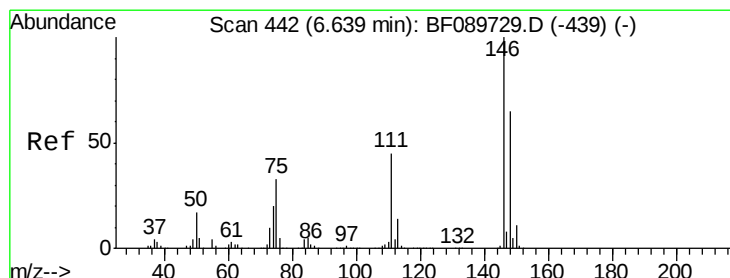
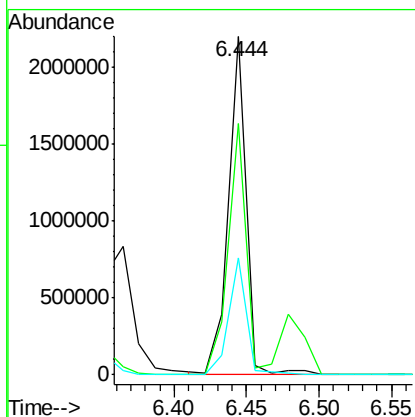




#11
bis(2-Chloroethyl)ether
Concen: 36.08 ng
RT: 6.444 min Scan# 42
Delta R.T. 0.000 min
Lab File: BF089770.D
Acq: 17 Aug 2016 18:33

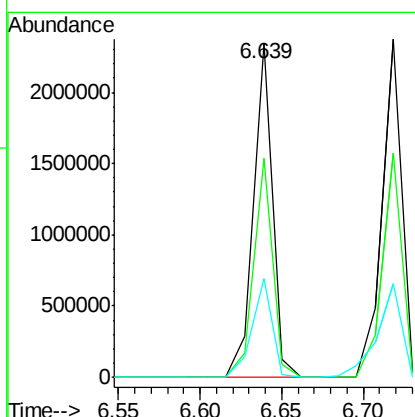
Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11MS

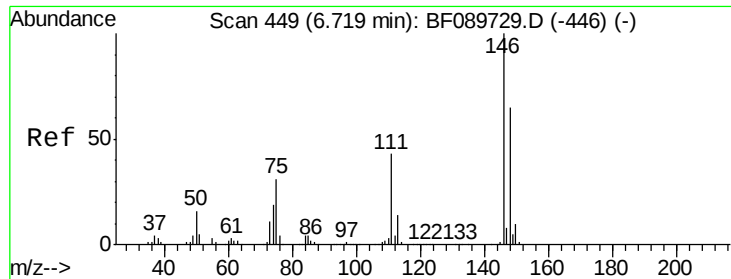
Tot Ion: 93 Resp: 1861318
Ion Ratio Lower Upper
93 100
63 74.3 55.8 95.8
95 34.3 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 33.86 ng
RT: 6.639 min Scan# 442
Delta R.T. 0.000 min
Lab File: BF089770.D
Acq: 17 Aug 2016 18:33

Tgt Ion: 146 Resp: 1892868
Ion Ratio Lower Upper
146 100
148 65.5 51.0 76.4
75 29.5 27.0 40.6

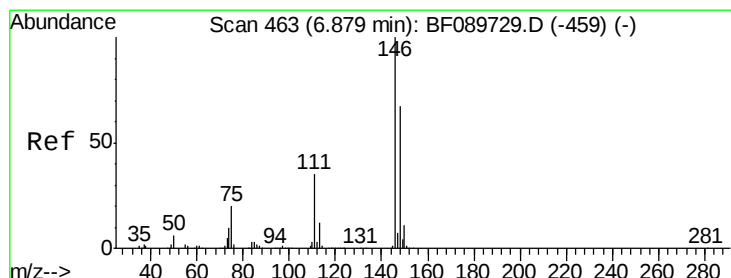
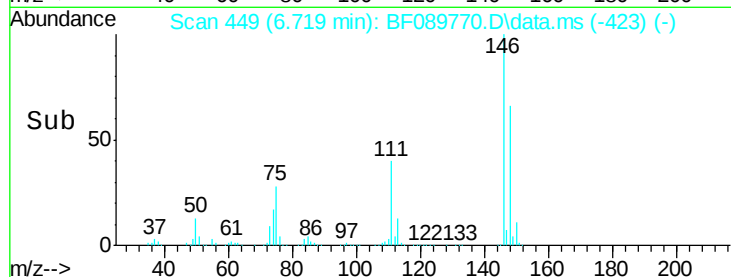
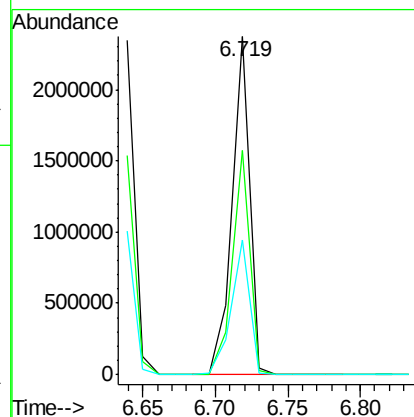
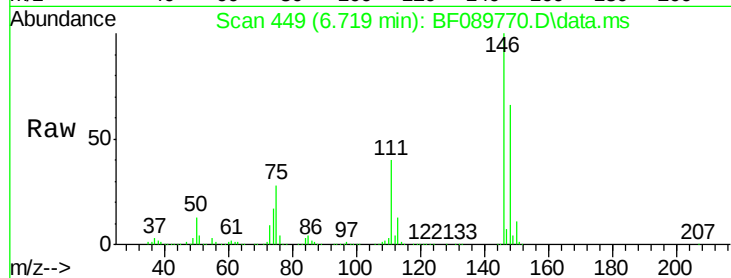




#13
 1,4-Dichlorobenzene
 Concen: 35.22 ng
 RT: 6.719 min Scan# 449
 Delta R.T. 0.000 min
 Lab File: BF089770.D
 Acq: 17 Aug 2016 18:33

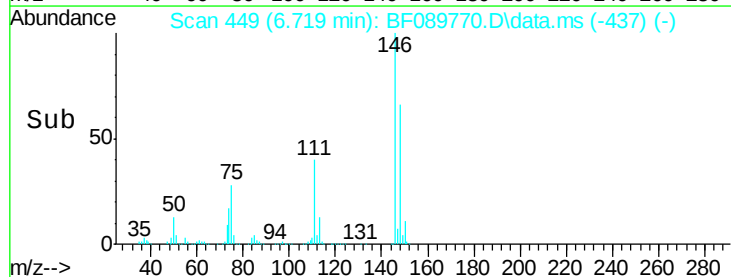
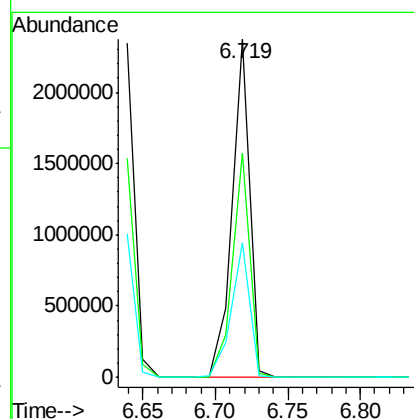
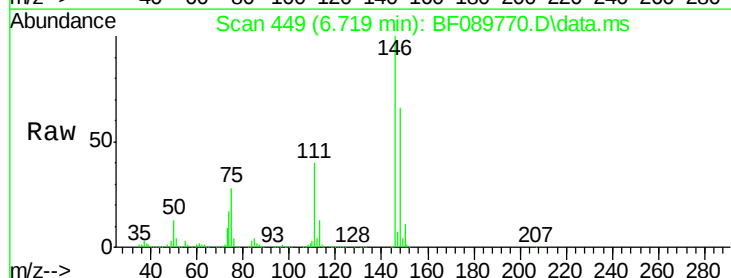
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-7A-9-11MS

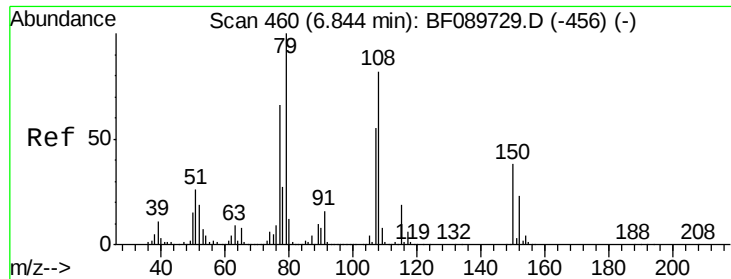
Tot Ion:146 Resp: 1995108
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.0 76.6
 111 39.7 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 36.94 ng
 RT: 6.719 min Scan# 449
 Delta R.T. -0.160 min
 Lab File: BF089770.D
 Acq: 17 Aug 2016 18:33

Tgt Ion:146 Resp: 1995108
 Ion Ratio Lower Upper
 146 100
 148 66.3 52.2 78.2
 111 39.7 29.8 44.6





#15

Benzyl Alcohol

Concen: 37.75 ng

RT: 6.844 min Scan# 460

Delta R.T. 0.000 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MS

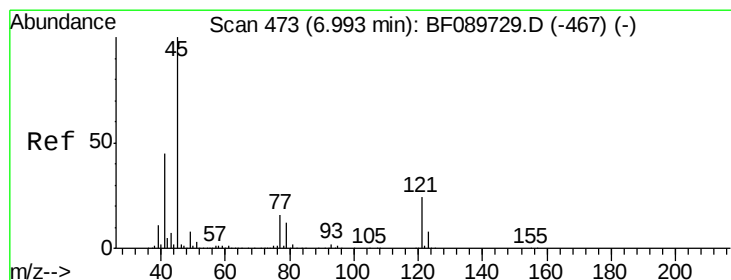
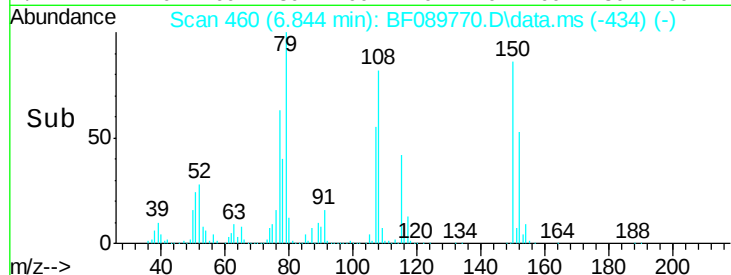
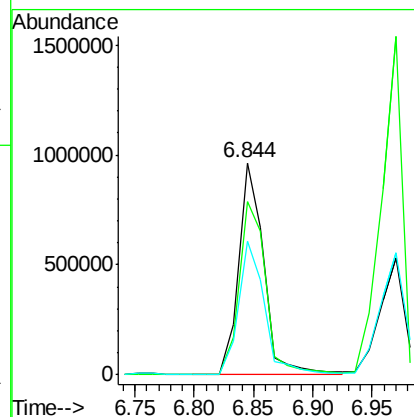
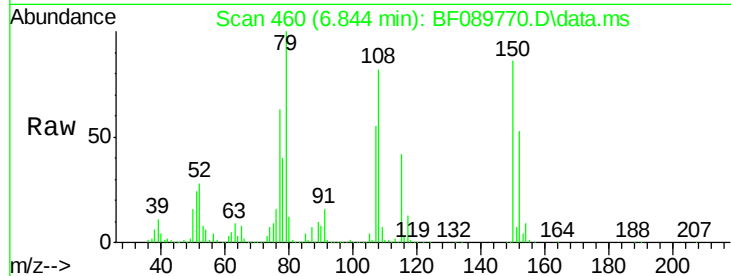
Tot Ion: 79 Resp: 1411065

Ion Ratio Lower Upper

79 100

108 82.0 62.5 93.7

77 62.8 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.27 ng

RT: 6.993 min Scan# 473

Delta R.T. 0.000 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

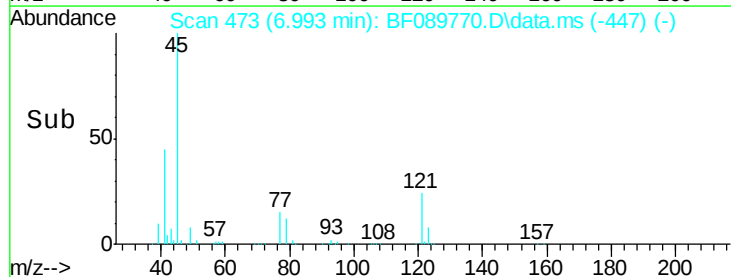
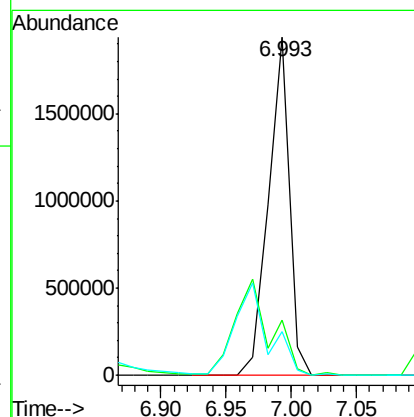
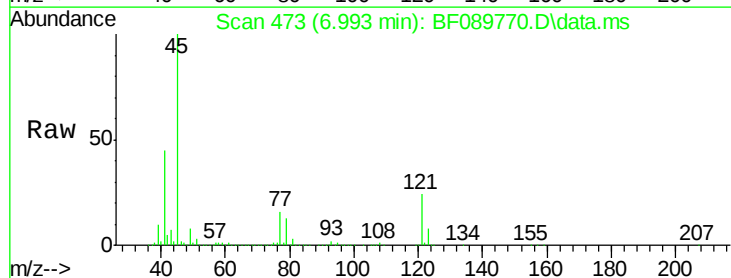
Tgt Ion: 45 Resp: 2184296

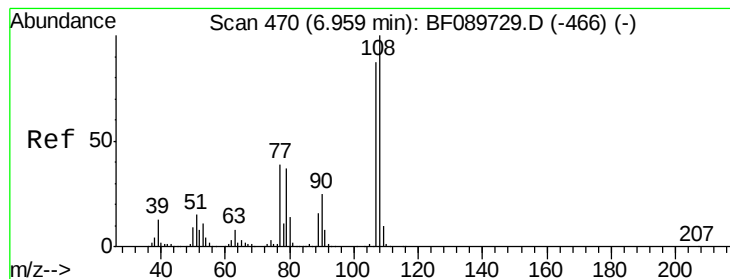
Ion Ratio Lower Upper

45 100

77 16.3 0.0 33.5

79 13.0 0.0 30.7





#17

2-Methylphenol

Concen: 39.59 ng

RT: 6.970 min Scan# 47

Delta R.T. 0.011 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MS

Tot Ion:107 Resp: 1645219

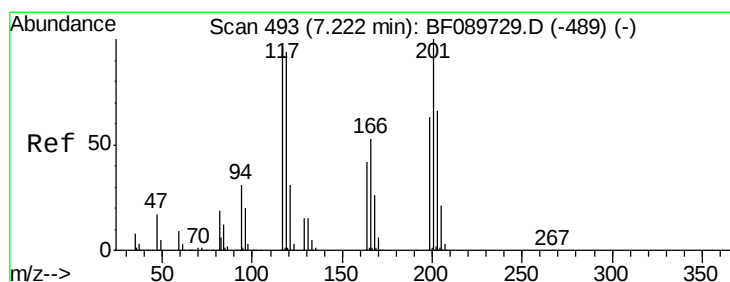
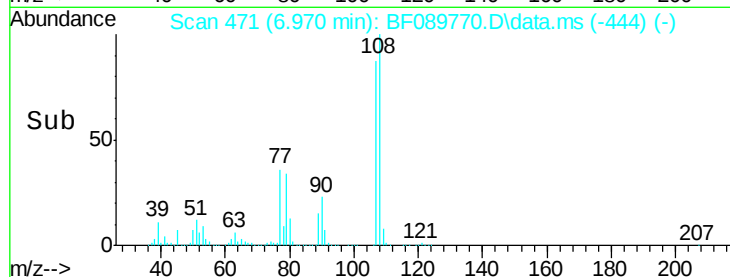
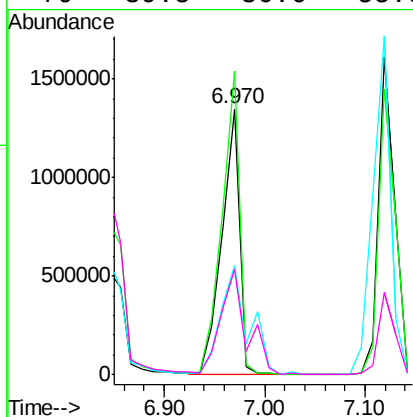
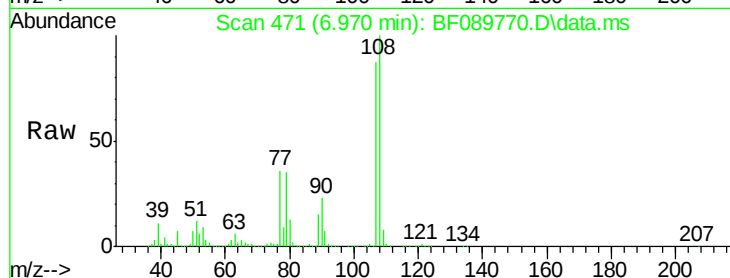
Ion Ratio Lower Upper

107 100

108 114.4 91.0 136.4

77 41.2 37.4 56.0

79 39.5 36.6 55.0



#18

Hexachloroethane

Concen: 35.32 ng

RT: 7.210 min Scan# 492

Delta R.T. -0.011 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

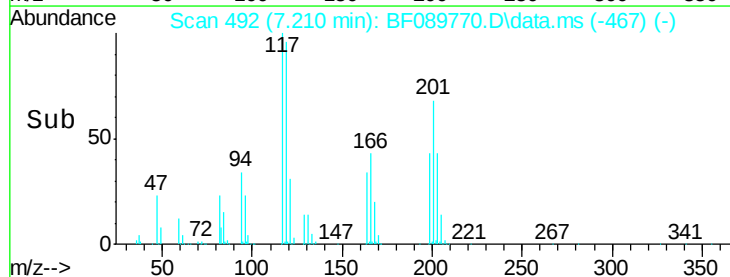
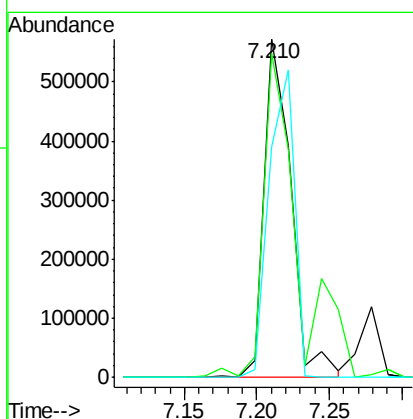
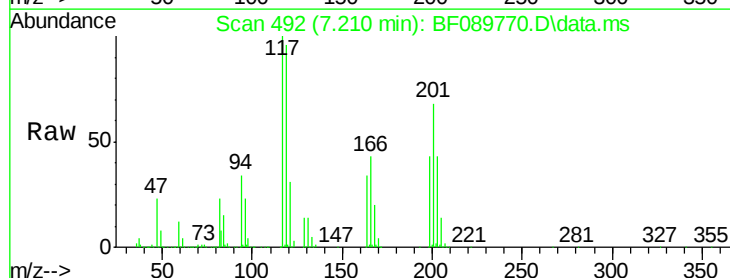
Tgt Ion:117 Resp: 733342

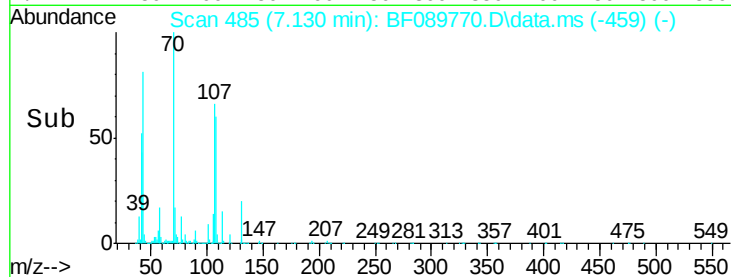
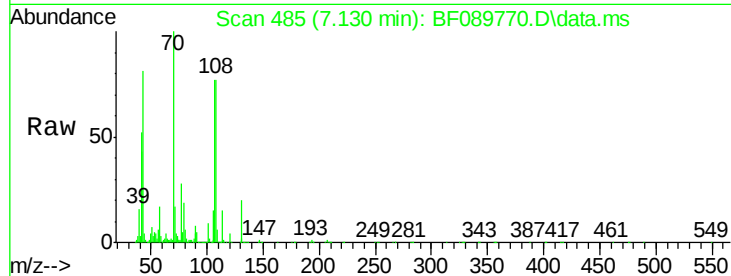
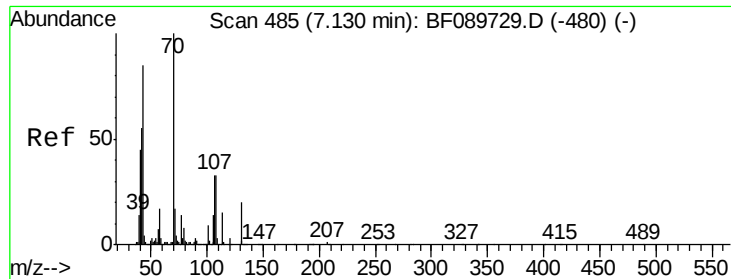
Ion Ratio Lower Upper

117 100

119 95.9 77.1 115.7

201 68.2 76.9 115.3#

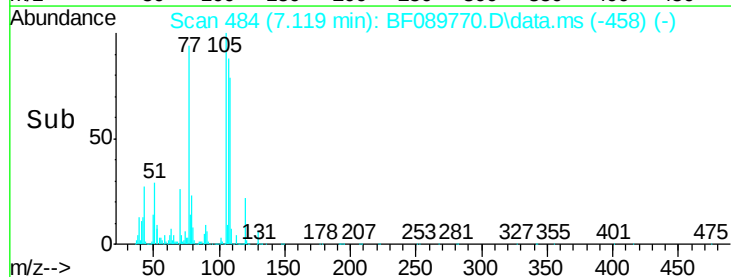
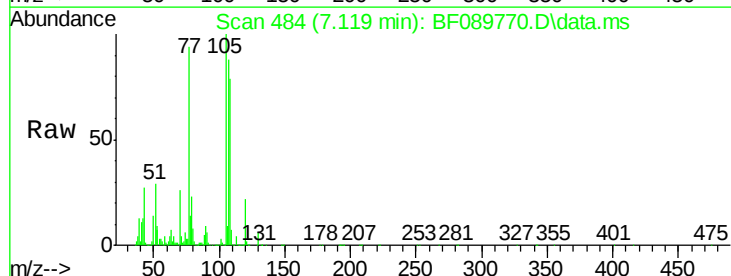
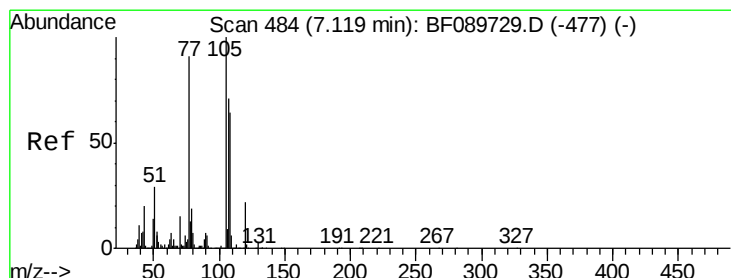
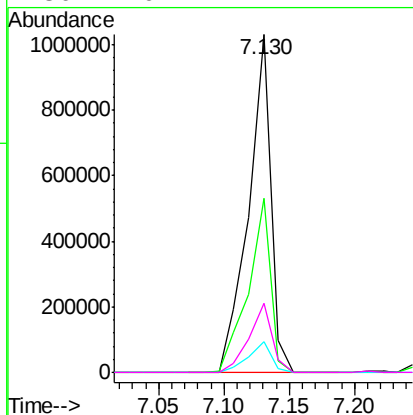




#19
n-Nitroso-di-n-propylamine
Concen: 33.70 ng
RT: 7.130 min Scan# 485
Delta R.T. 0.000 min
Lab File: BF089770.D
Acq: 17 Aug 2016 18:33

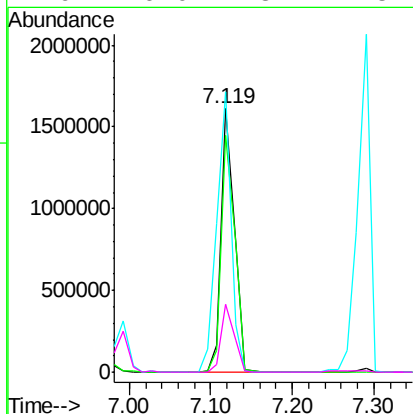
Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11MS

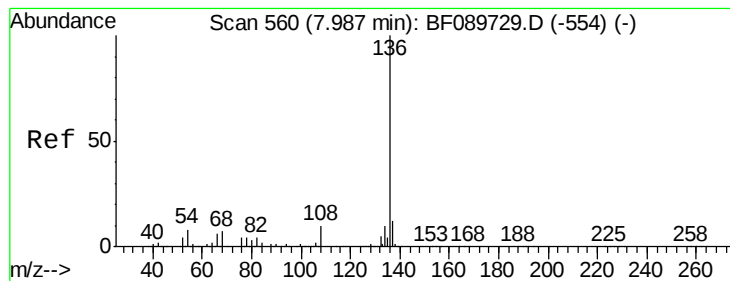
Tot Ion:	70	Resp:	1234645
Ion	Ratio	Lower	Upper
70	100		
42	51.6	46.3	69.5
101	9.3	7.0	10.6
130	20.4	14.4	21.6



#20
3+4-Methylphenols
Concen: 33.55 ng
RT: 7.119 min Scan# 484
Delta R.T. 0.001 min
Lab File: BF089770.D
Acq: 17 Aug 2016 18:33

Tgt Ion:	107	Resp:	1785708
Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.2	108.2
77	106.3	122.3	162.3#
79	26.0	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: BF089770.D

Acq: 17 Aug 2016 18:33

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MS

Tot Ion:136 Resp: 3002639

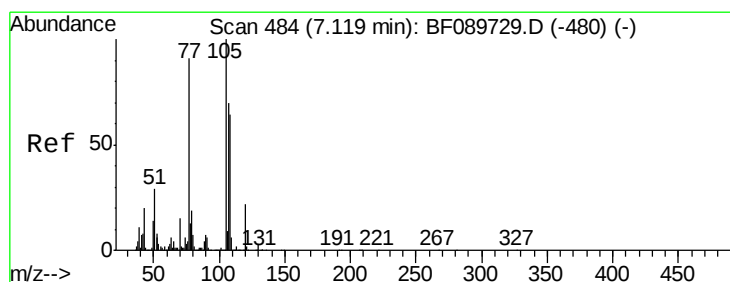
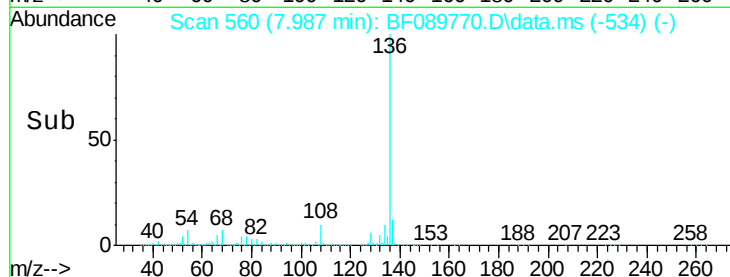
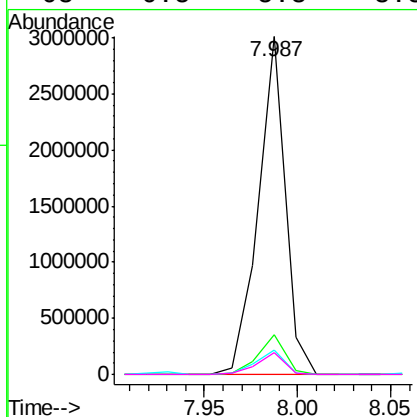
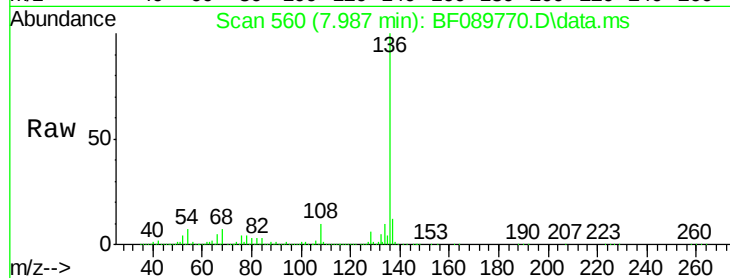
Ion Ratio Lower Upper

136 100

137 12.0 9.2 13.8

54 7.2 7.2 10.8#

68 6.5 5.8 8.8



#22

Acetophenone

Concen: 32.29 ng

RT: 7.119 min Scan# 484

Delta R.T. 0.000 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

Tgt Ion:105 Resp: 2253551

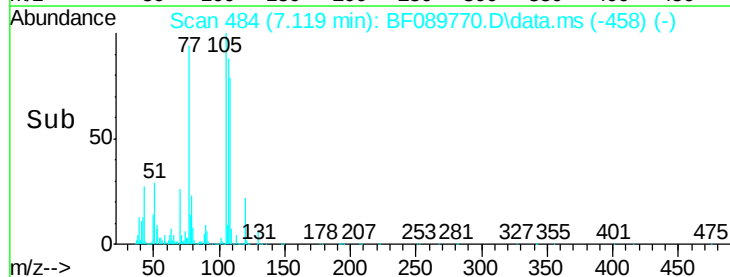
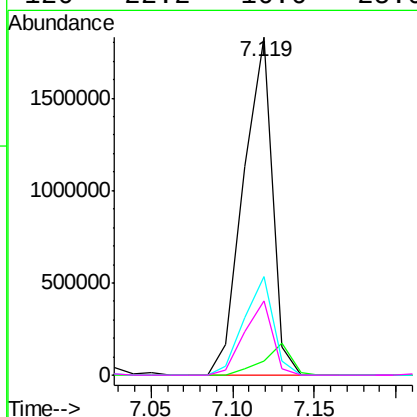
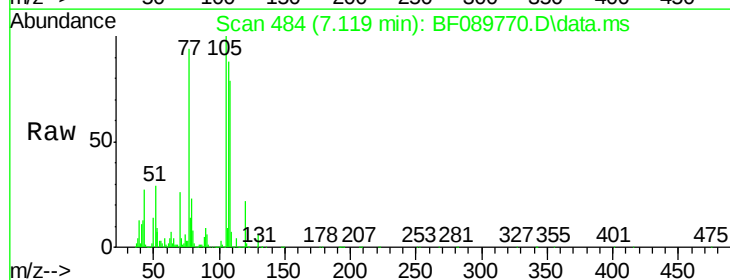
Ion Ratio Lower Upper

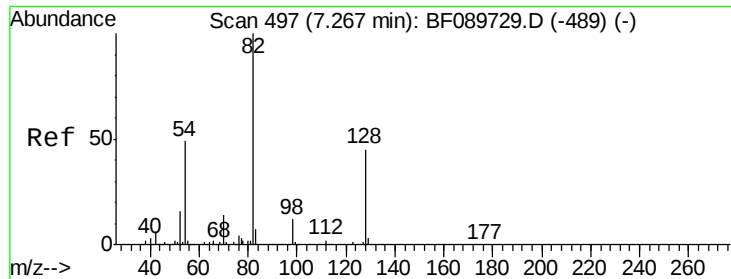
105 100

71 4.4 1.9 2.9#

51 29.2 28.5 42.7

120 22.2 16.6 25.0





#23

Nitrobenzene-d5

Concen: 68.63 ng

RT: 7.267 min Scan# 49

Delta R.T. 0.000 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MS

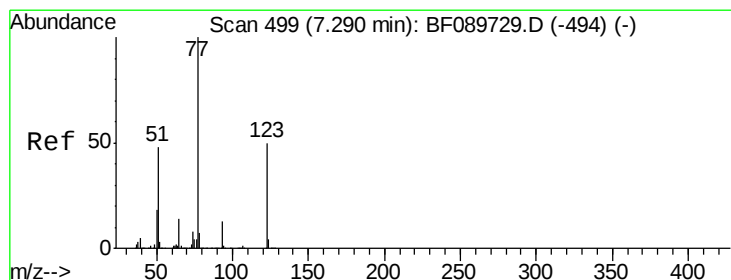
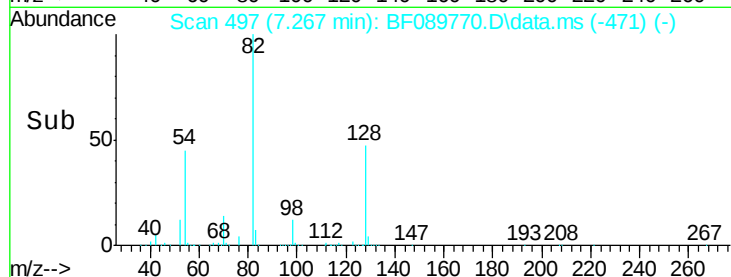
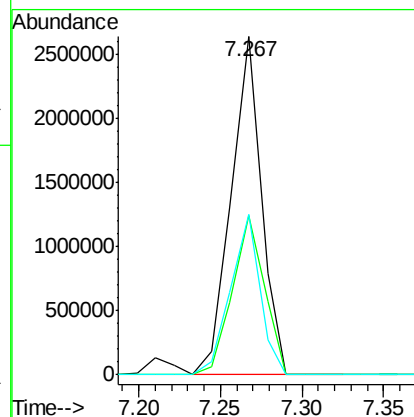
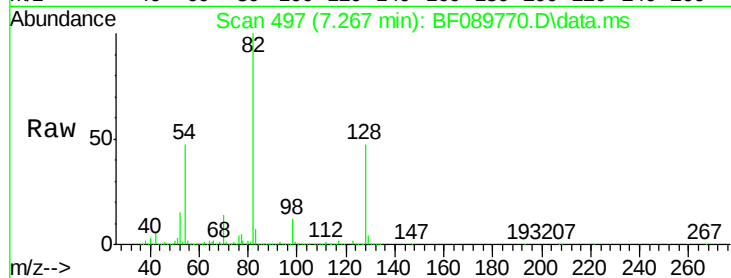
Tot Ion: 82 Resp: 3374853

Ion Ratio Lower Upper

82 100

128 47.0 34.4 51.6

54 47.2 40.3 60.5



#24

Nitrobenzene

Concen: 38.34 ng

RT: 7.290 min Scan# 499

Delta R.T. 0.000 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

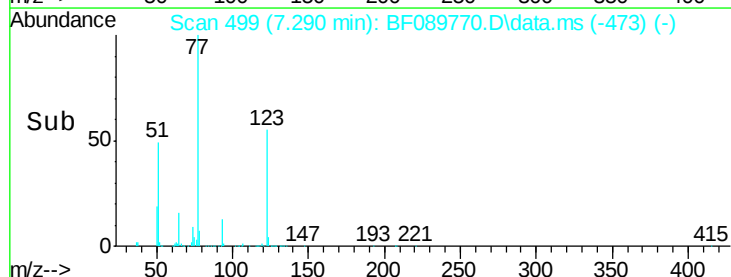
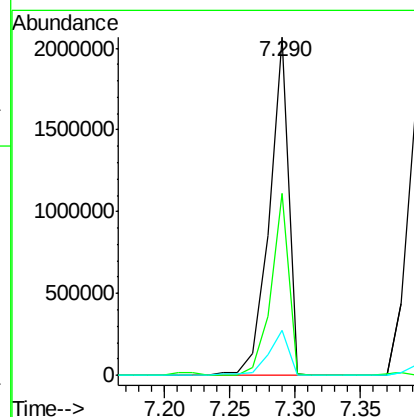
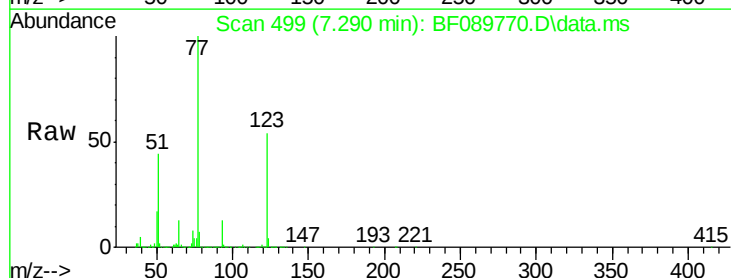
Tgt Ion: 77 Resp: 2120765

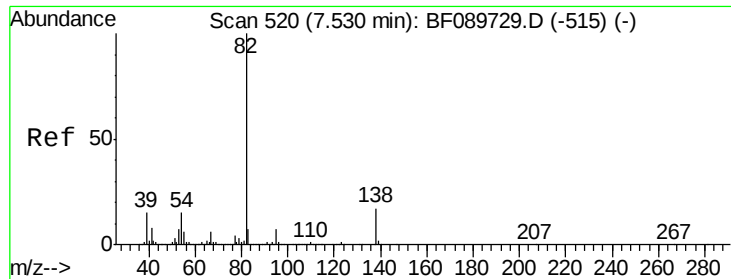
Ion Ratio Lower Upper

77 100

123 53.7 36.2 54.2

65 13.3 10.6 15.8





#25

Isophorone

Concen: 35.59 ng

RT: 7.530 min Scan# 52

Delta R.T. 0.000 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MS

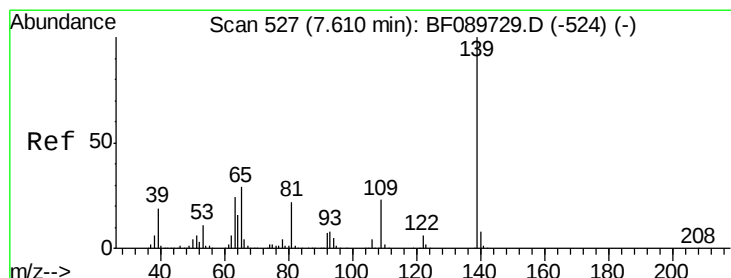
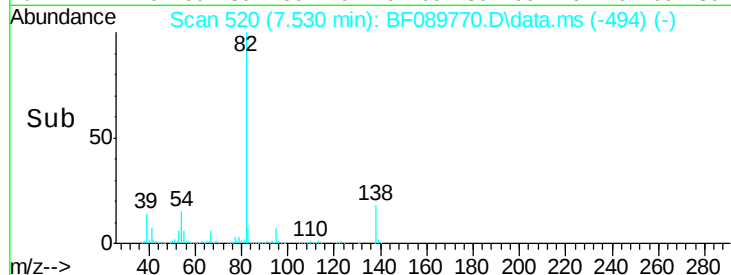
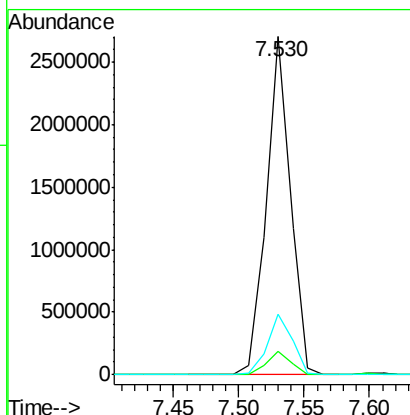
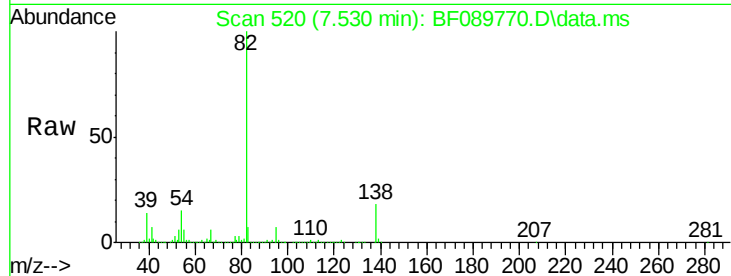
Tot Ion: 82 Resp: 3501725

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.0 13.0 19.4



#26

2-Nitrophenol

Concen: 36.45 ng

RT: 7.599 min Scan# 526

Delta R.T. -0.011 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

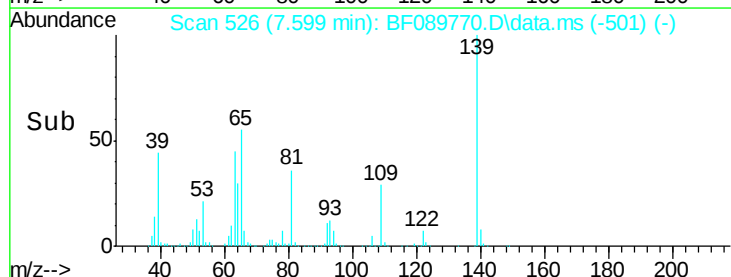
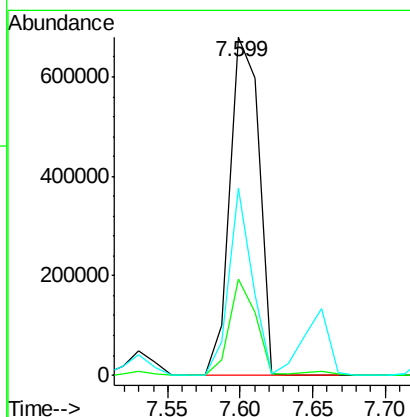
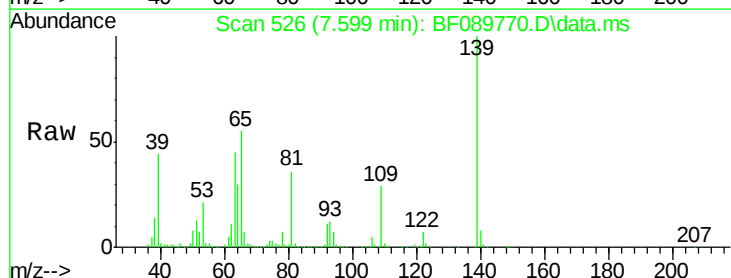
Tgt Ion: 139 Resp: 948746

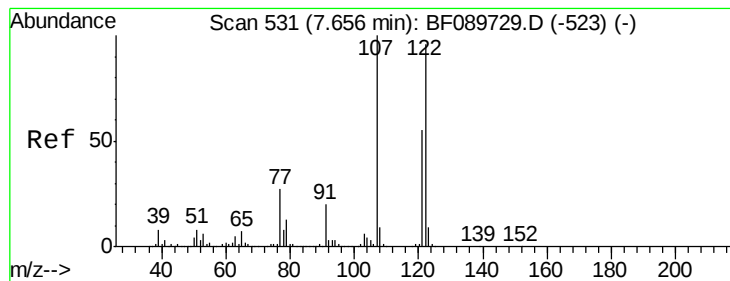
Ion Ratio Lower Upper

139 100

109 28.6 19.5 29.3

65 55.3 26.5 39.7#





#27

2,4-Dimethylphenol

Concen: 37.99 ng

RT: 7.656 min Scan# 531

Delta R.T. 0.000 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MS

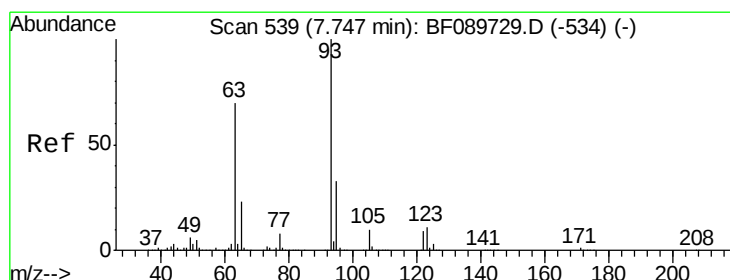
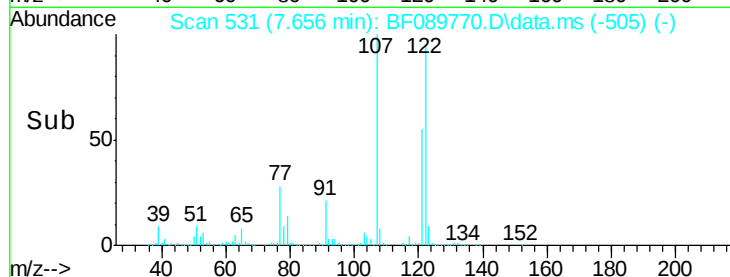
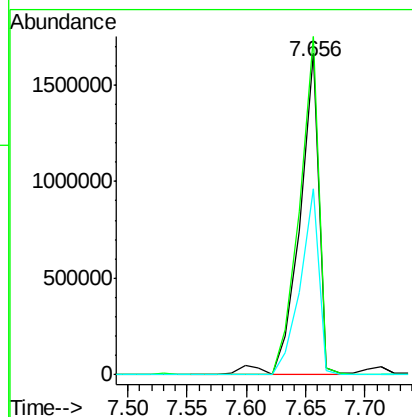
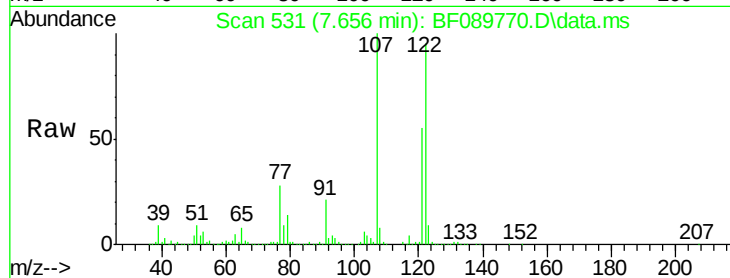
Tot Ion:122 Resp: 1874199

Ion Ratio Lower Upper

122 100

107 105.2 84.8 127.2

121 57.7 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 35.34 ng

RT: 7.747 min Scan# 539

Delta R.T. 0.000 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

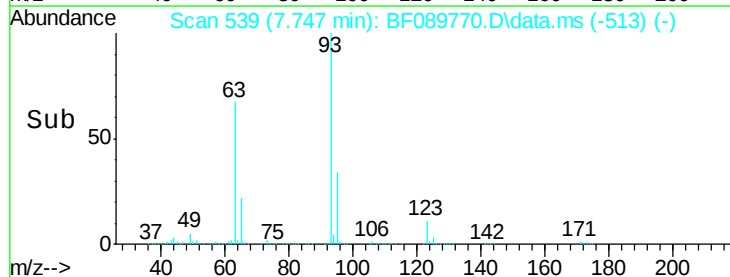
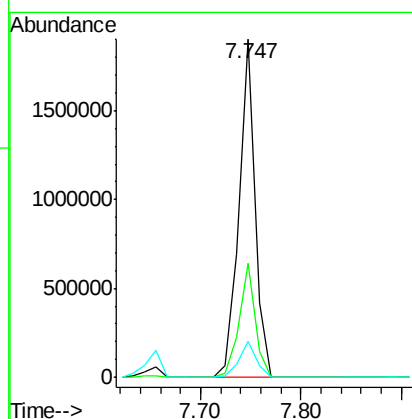
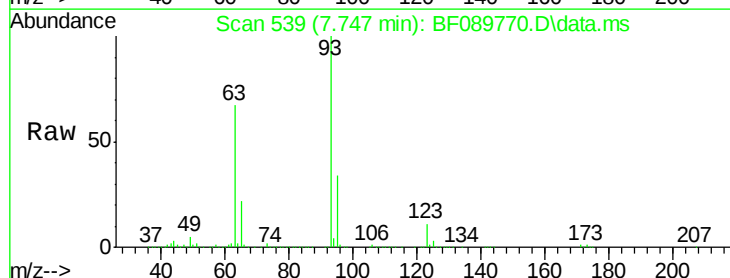
Tgt Ion: 93 Resp: 2112705

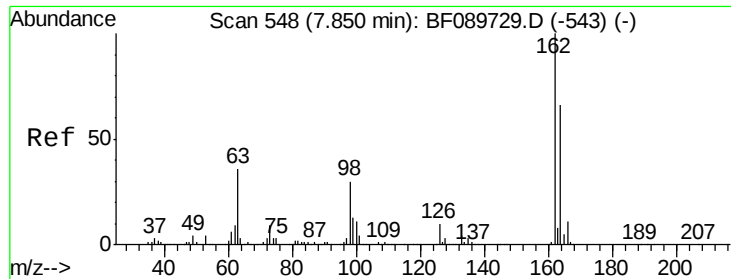
Ion Ratio Lower Upper

93 100

95 33.9 25.5 38.3

123 10.7 8.5 12.7

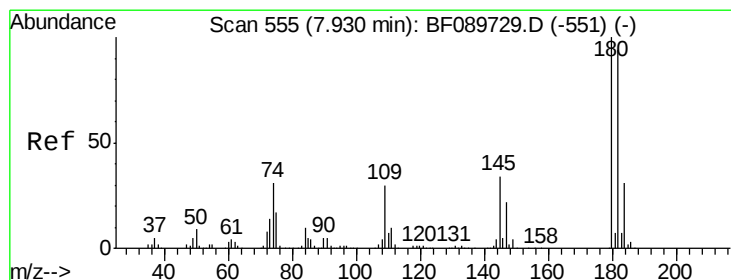
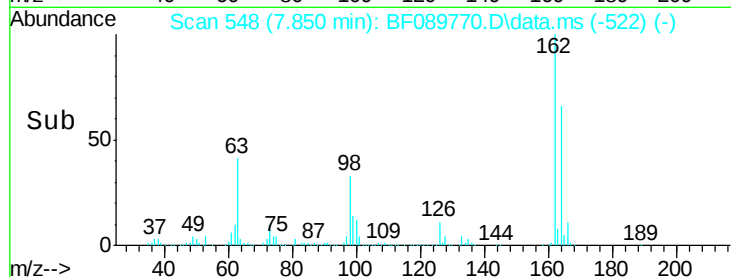
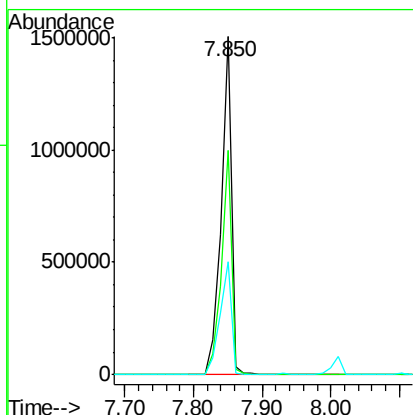
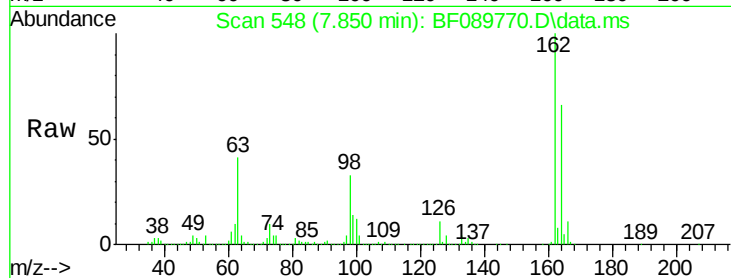




#29
2,4-Dichlorophenol
Concen: 39.01 ng
RT: 7.850 min Scan# 54
Delta R.T. 0.000 min
Lab File: BF089770.D
Acq: 17 Aug 2016 18:33

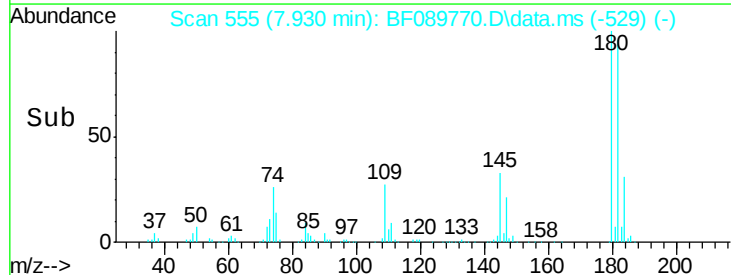
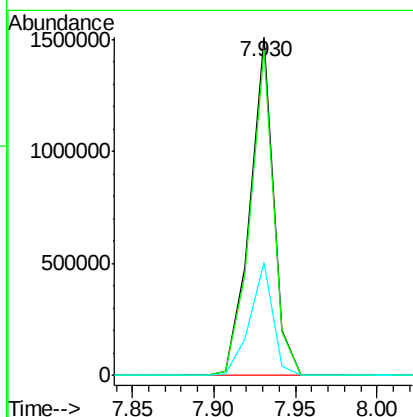
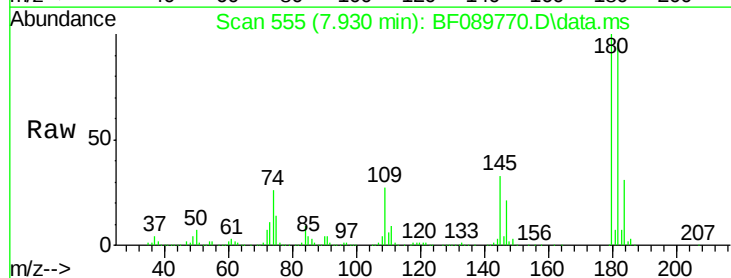
Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11MS

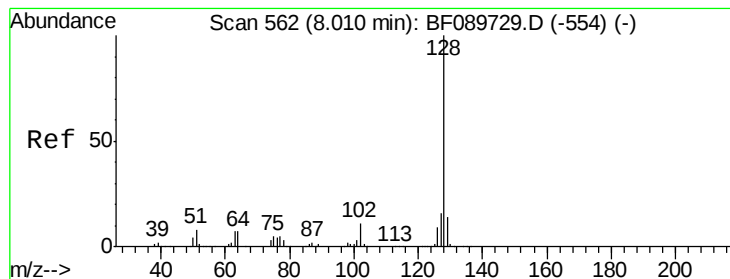
Tot Ion:162 Resp: 1602424
Ion Ratio Lower Upper
162 100
164 66.3 45.5 85.5
98 33.2 12.4 52.4



#30
1,2,4-Trichlorobenzene
Concen: 34.35 ng
RT: 7.930 min Scan# 555
Delta R.T. 0.000 min
Lab File: BF089770.D
Acq: 17 Aug 2016 18:33

Tgt Ion:180 Resp: 1514462
Ion Ratio Lower Upper
180 100
182 96.2 75.5 113.3
145 33.4 28.7 43.1





#31

Naphthalene

Concen: 36.71 ng

RT: 8.010 min Scan# 56

Delta R.T. 0.000 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MS

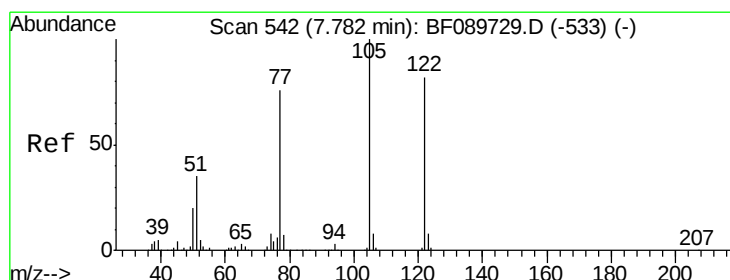
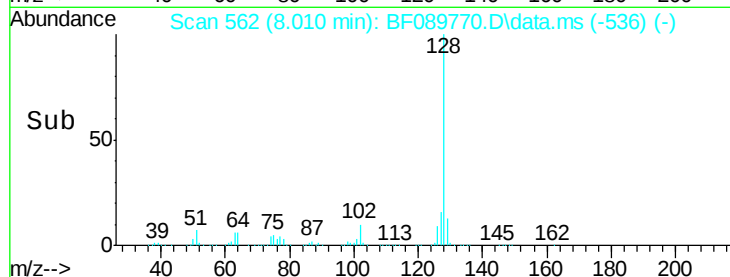
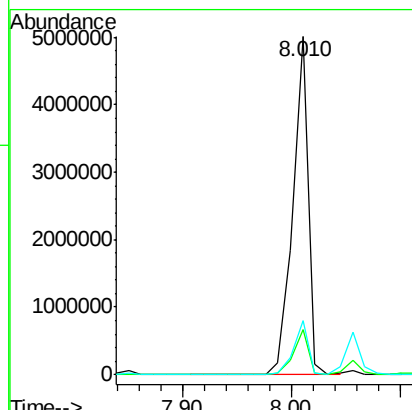
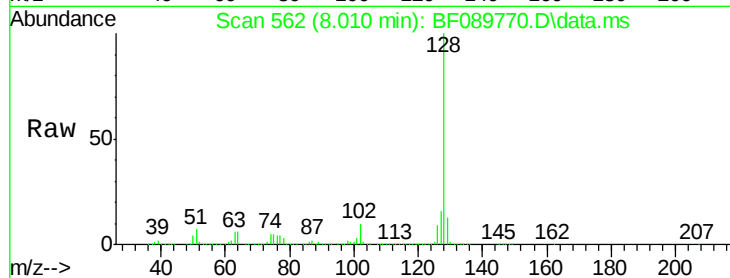
Tot Ion:128 Resp: 4947654

Ion Ratio Lower Upper

128 100

129 13.4 9.5 14.3

127 15.9 11.3 16.9



#32

Benzoic acid

Concen: 48.86 ng

RT: 7.656 min Scan# 531

Delta R.T. -0.125 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

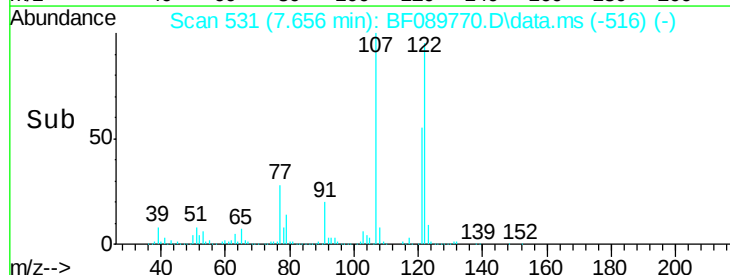
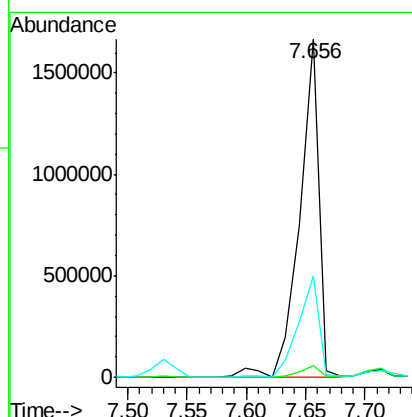
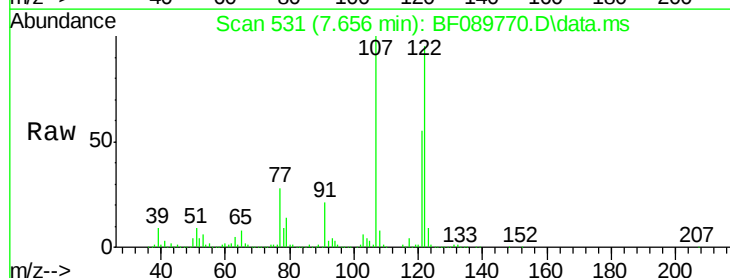
Tgt Ion:122 Resp: 1874199

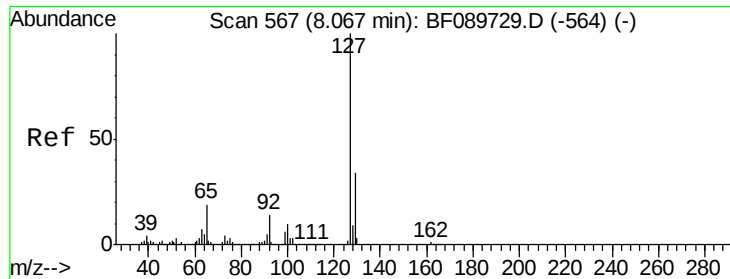
Ion Ratio Lower Upper

122 100

105 3.6 100.8 140.8#

77 29.8 72.1 112.1#

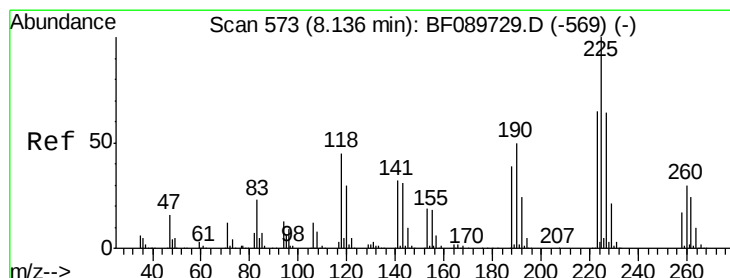
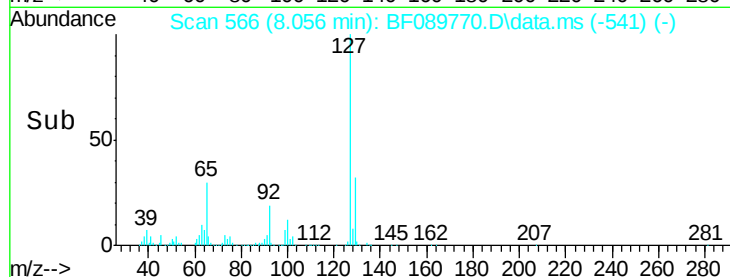
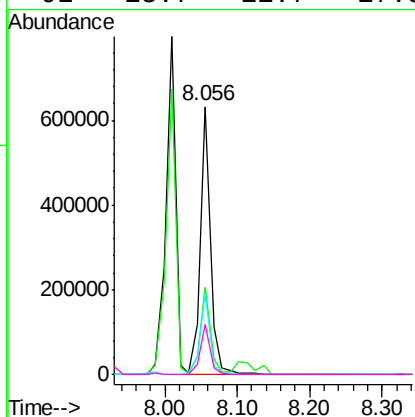
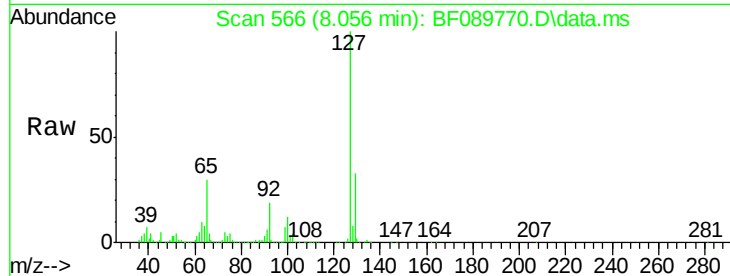




#33
4-Chloroaniline
Concen: 9.92 ng
RT: 8.056 min Scan# 56
Delta R.T. -0.011 min
Lab File: BF089770.D
Acq: 17 Aug 2016 18:33

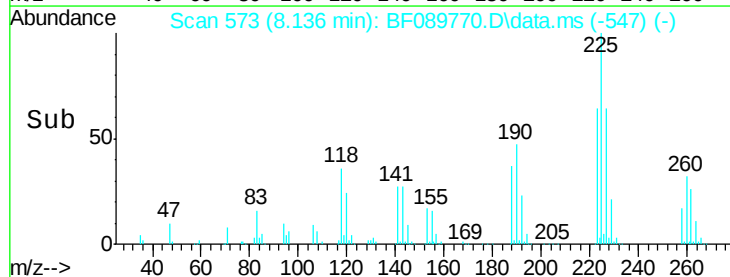
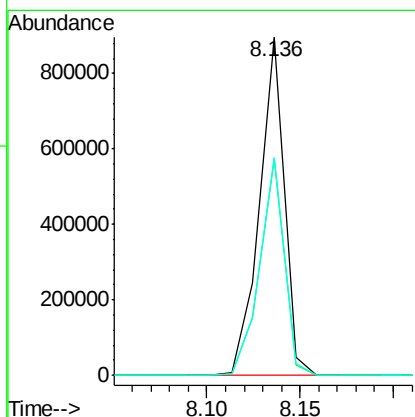
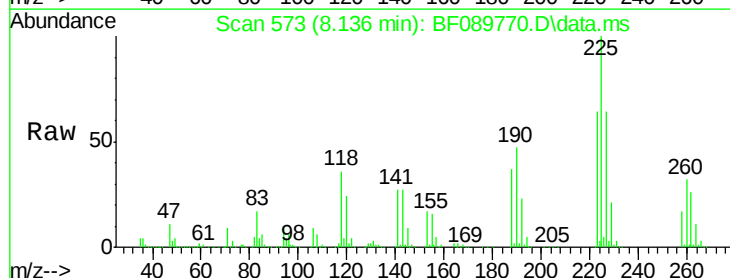
Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11MS

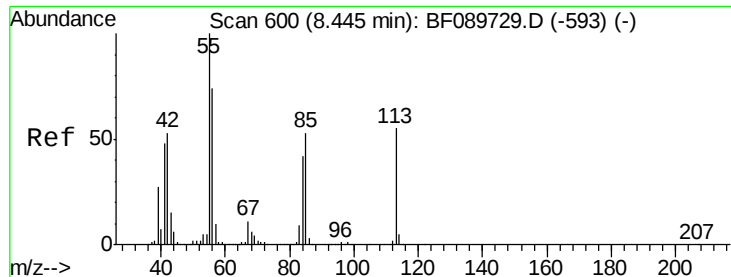
Tot Ion:	127	Resp:	618428
Ion Ratio	Lower	Upper	
127	100		
129	32.5	27.0	40.6
65	30.1	14.7	22.1#
92	18.7	11.7	17.5#



#34
Hexachlorobutadiene
Concen: 35.31 ng
RT: 8.136 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF089770.D
Acq: 17 Aug 2016 18:33

Tgt Ion:	225	Resp:	817922
Ion Ratio	Lower	Upper	
225	100		
223	64.0	51.0	76.6
227	64.5	49.8	74.6

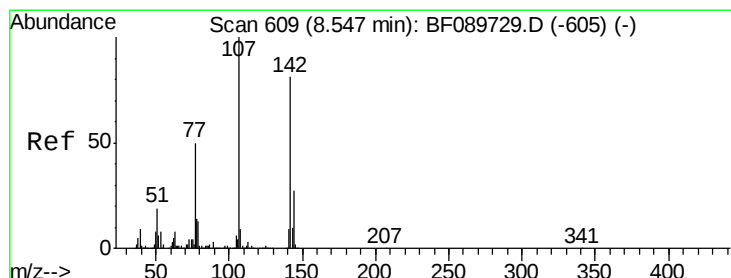
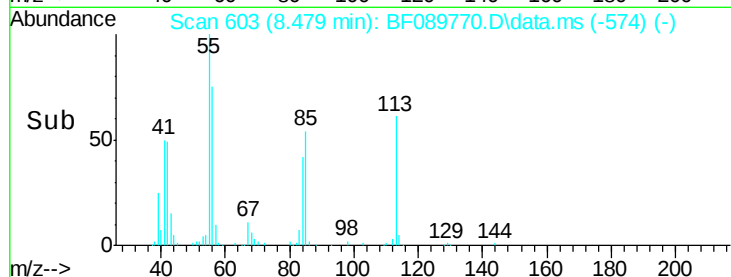
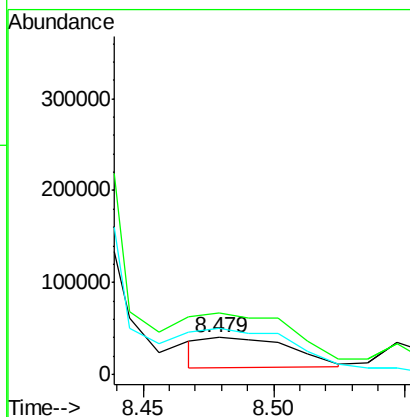
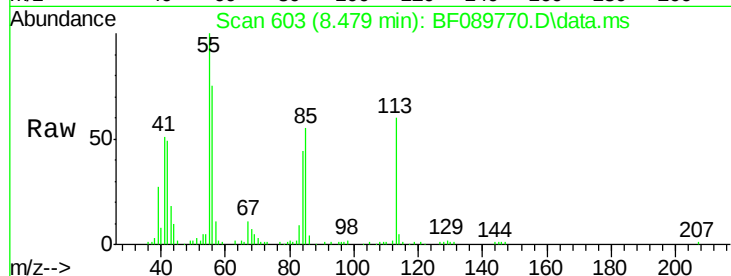




#35
 Caprolactam
 Concen: 5.89 ng
 RT: 8.479 min Scan# 60
 Delta R.T. 0.034 min
 Lab File: BF089770.D
 Acq: 17 Aug 2016 18:33

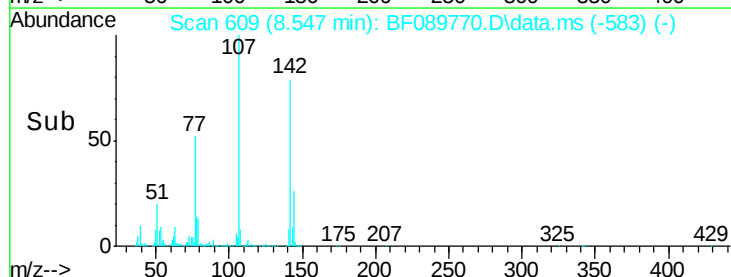
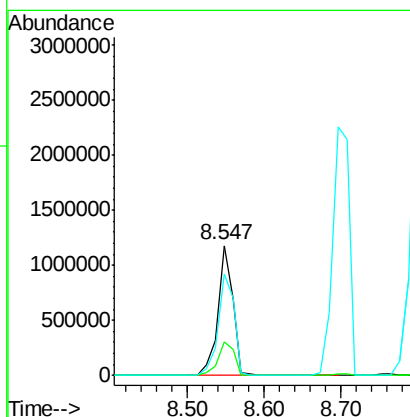
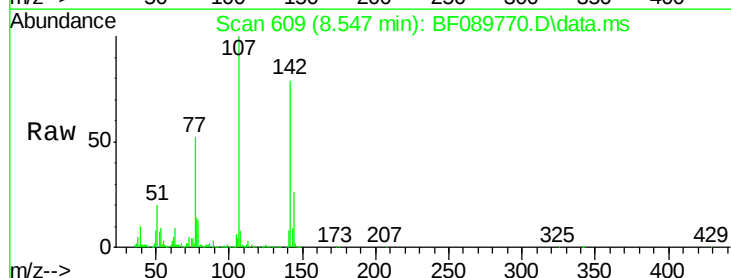
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-7A-9-11MS

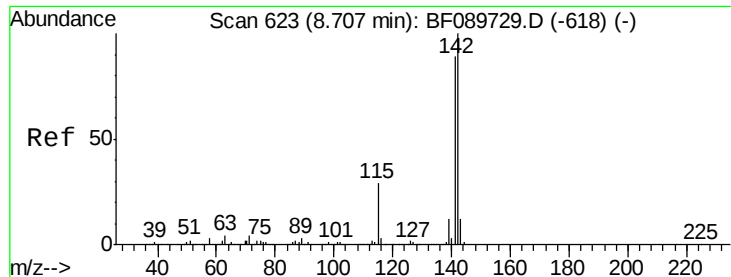
Tot Ion:113 Resp: 74510
 Ion Ratio Lower Upper
 113 100
 55 167.1 135.9 175.9
 56 124.6 93.9 133.9



#36
 4-Chloro-3-methylphenol
 Concen: 35.65 ng
 RT: 8.547 min Scan# 609
 Delta R.T. 0.000 min
 Lab File: BF089770.D
 Acq: 17 Aug 2016 18:33

Tgt Ion:107 Resp: 1593881
 Ion Ratio Lower Upper
 107 100
 144 25.7 22.6 34.0
 142 78.6 69.3 103.9

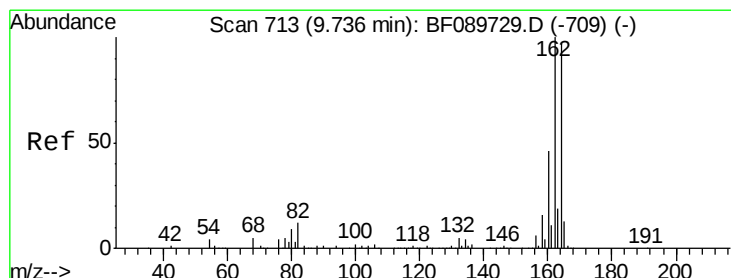
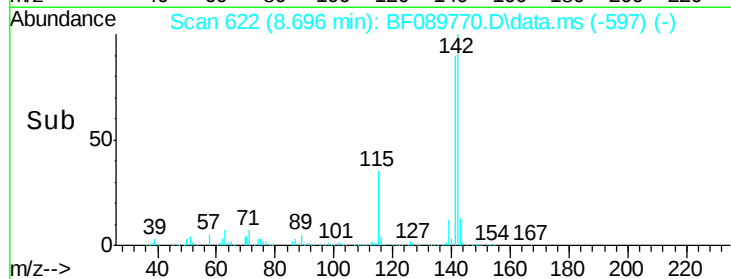
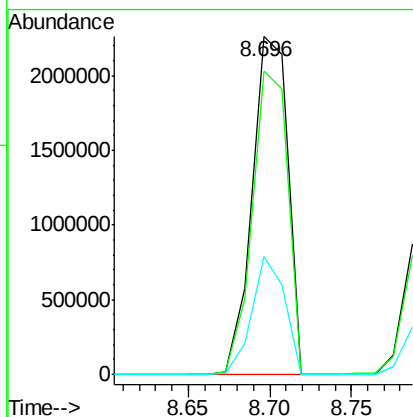
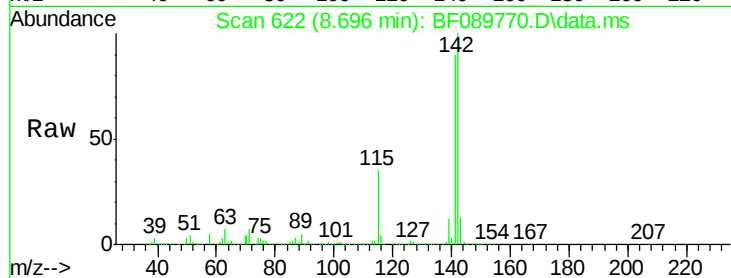




#37
2-Methylnaphthalene
Concen: 37.44 ng
RT: 8.696 min Scan# 62
Delta R.T. -0.011 min
Lab File: BF089770.D
Acq: 17 Aug 2016 18:33

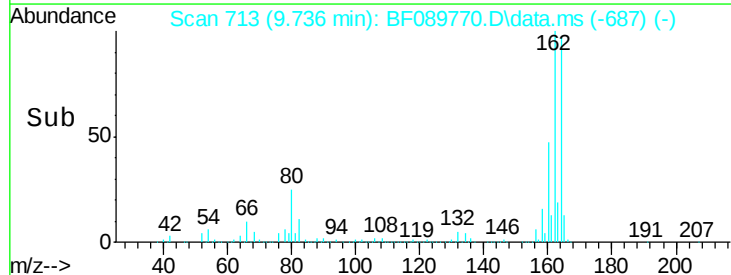
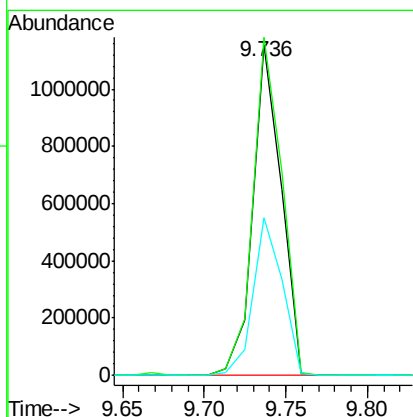
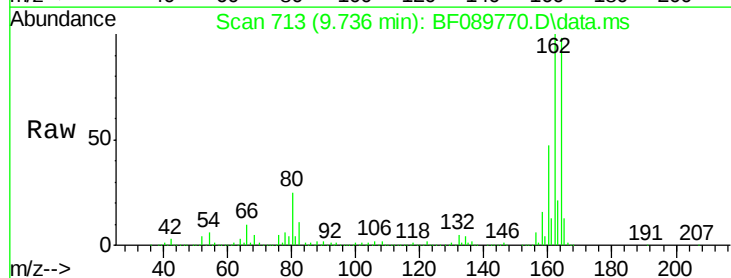
Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11MS

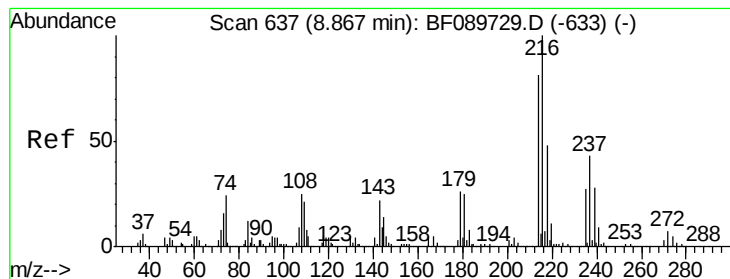
Tot Ion:142 Resp: 3434864
Ion Ratio Lower Upper
142 100
141 89.6 71.4 107.2
115 34.7 22.7 34.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.736 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF089770.D
Acq: 17 Aug 2016 18:33

Tgt Ion:164 Resp: 1386903
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.2
160 47.7 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.57 ng

RT: 8.867 min Scan# 63

Delta R.T. 0.000 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MS

Tot Ion:216 Resp: 1140227

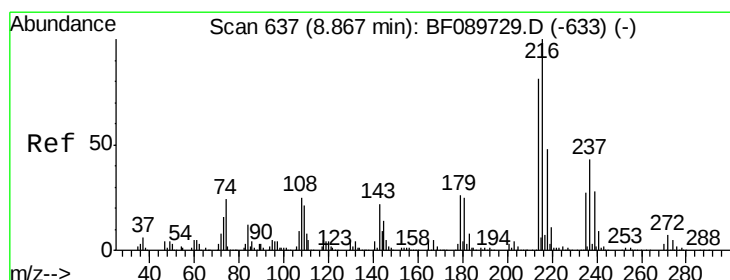
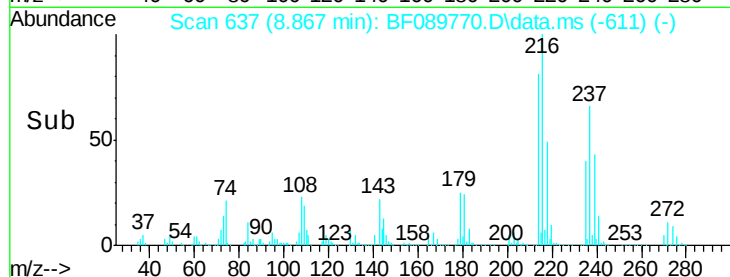
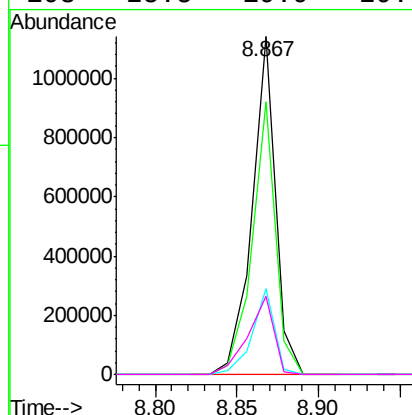
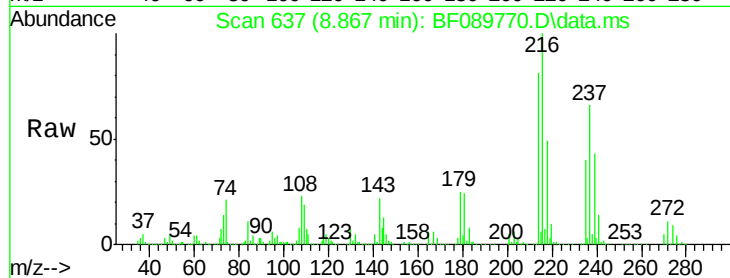
Ion Ratio Lower Upper

216 100

214 80.1 63.5 95.3

179 24.0 19.9 29.9

108 25.5 19.9 29.9



#40

Hexachlorocyclopentadiene

Concen: 67.84 ng

RT: 8.856 min Scan# 636

Delta R.T. -0.011 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

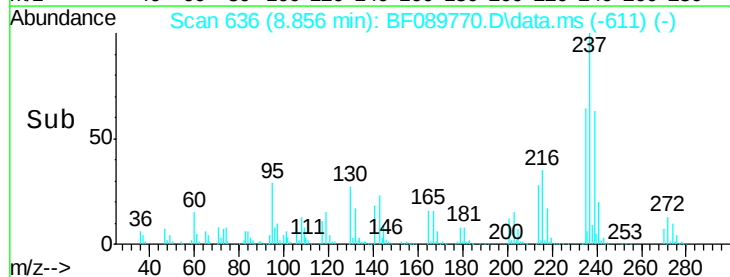
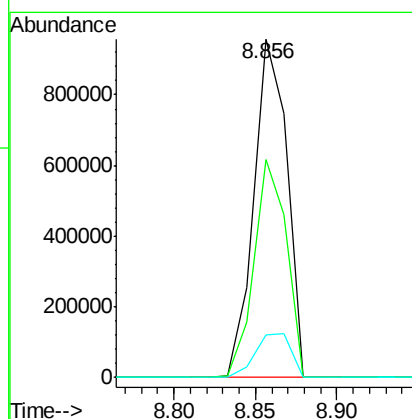
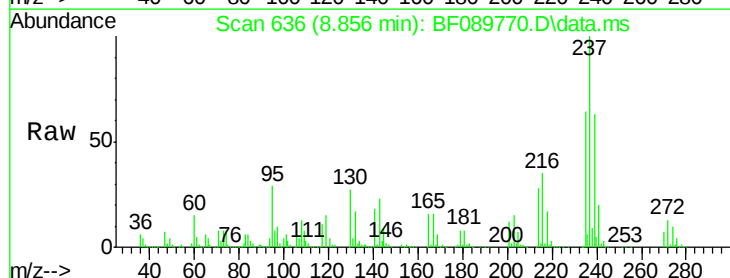
Tgt Ion:237 Resp: 1347928

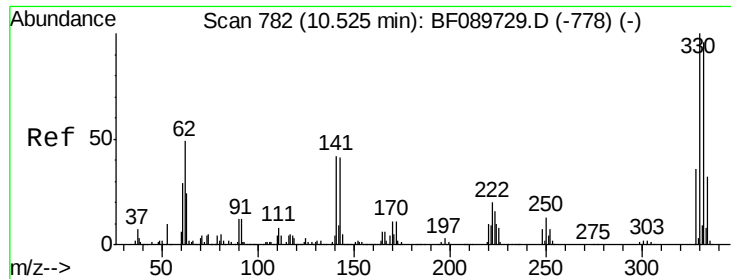
Ion Ratio Lower Upper

237 100

235 64.5 43.7 83.7

272 12.7 0.0 31.6

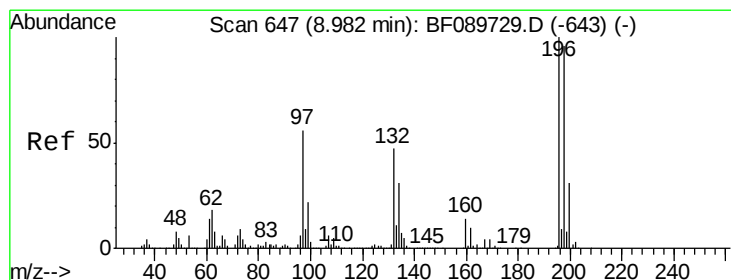
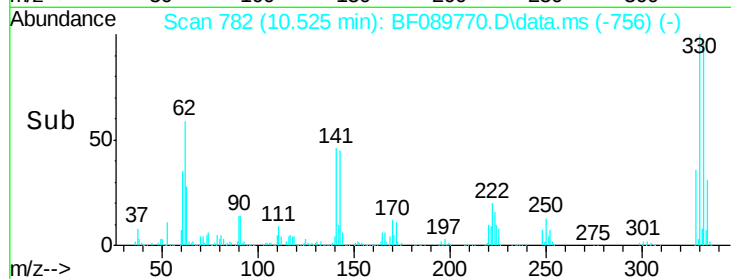
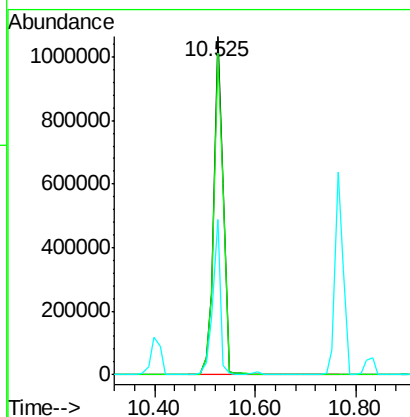
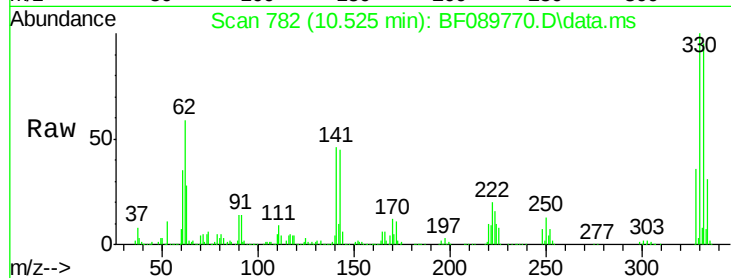




#41
 2,4,6-Tribromophenol
 Concen: 102.61 ng
 RT: 10.525 min Scan# 78
 Delta R.T. 0.000 min
 Lab File: BF089770.D
 Acq: 17 Aug 2016 18:33

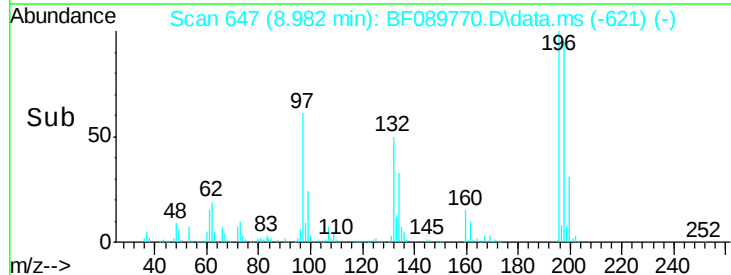
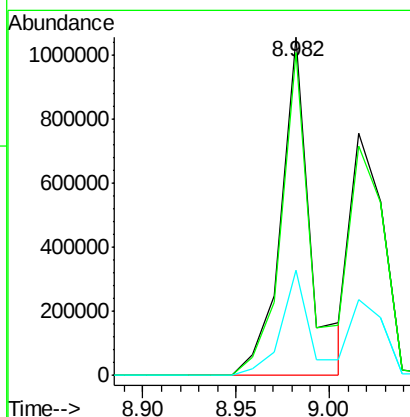
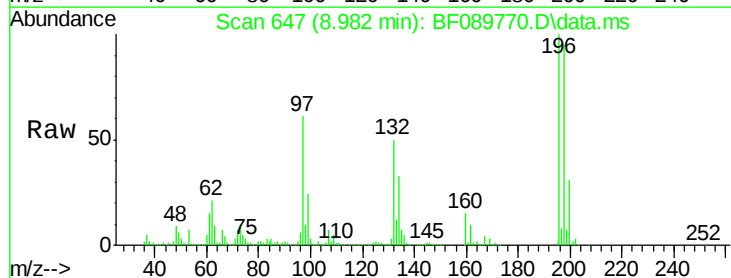
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-7A-9-11MS

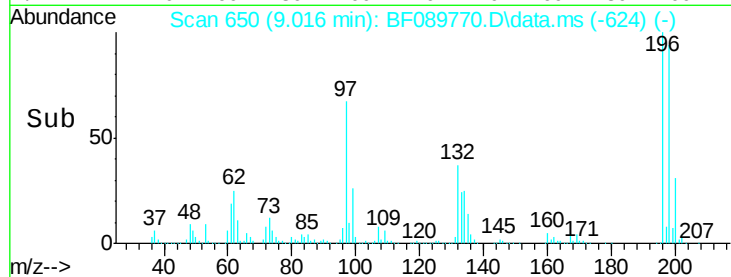
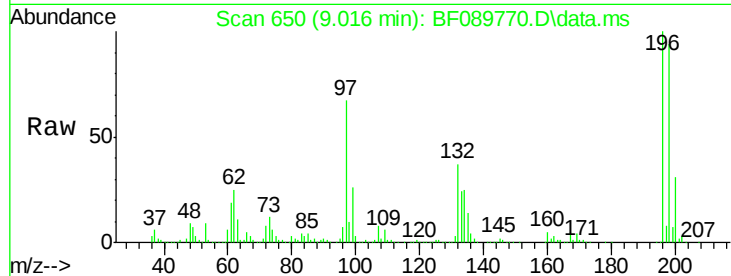
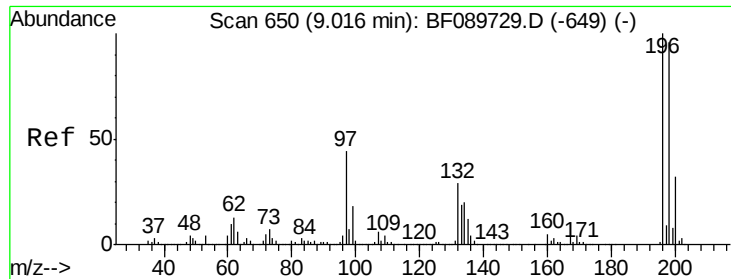
Tot Ion:330 Resp: 1376785
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.7 115.1
 141 36.7 30.2 45.2



#42
 2,4,6-Trichlorophenol
 Concen: 40.09 ng
 RT: 8.982 min Scan# 647
 Delta R.T. 0.000 min
 Lab File: BF089770.D
 Acq: 17 Aug 2016 18:33

Tgt Ion:196 Resp: 1154729
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.3 114.5
 200 31.1 24.6 36.8

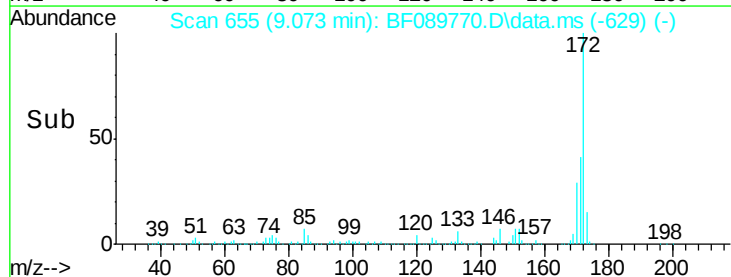
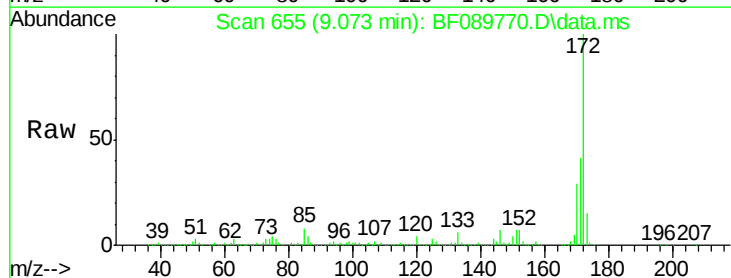
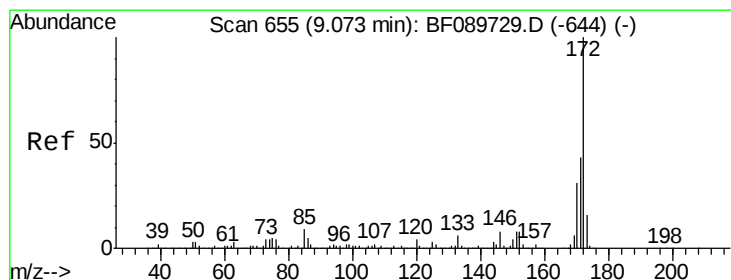
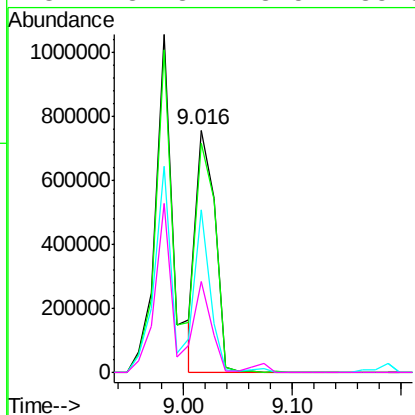




#43
2,4,5-Trichlorophenol
Concen: 33.31 ng
RT: 9.016 min Scan# 650
Delta R.T. 0.000 min
Lab File: BF089770.D
Acq: 17 Aug 2016 18:33

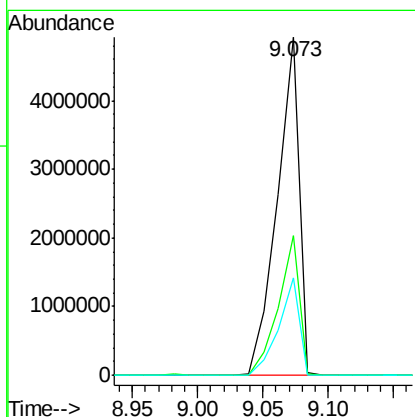
Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11MS

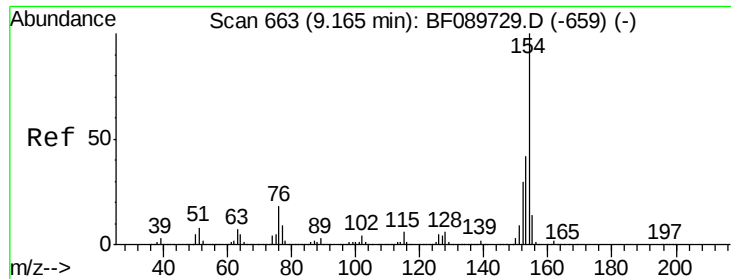
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	76.6	114.8
97	67.2	35.8	53.8
132	37.3	23.5	35.3



#44
2-Fluorobiphenyl
Concen: 67.99 ng
RT: 9.073 min Scan# 655
Delta R.T. 0.000 min
Lab File: BF089770.D
Acq: 17 Aug 2016 18:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.2	30.5	45.7
170	28.8	20.6	31.0

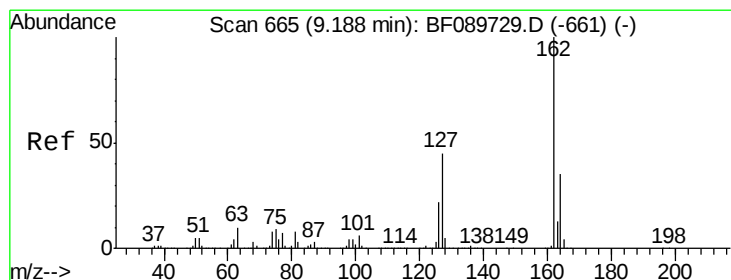
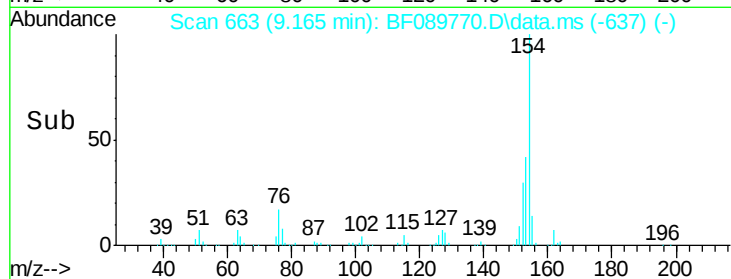
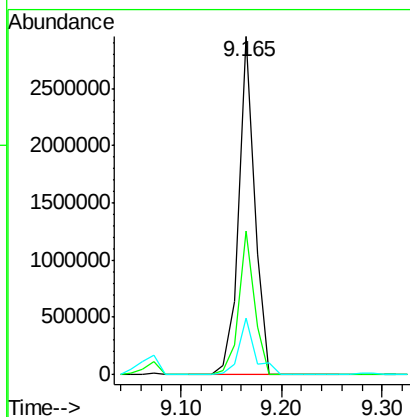
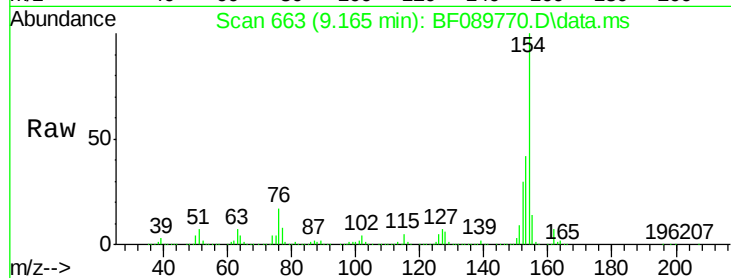




#45
 1,1'-Biphenyl
 Concen: 28.21 ng
 RT: 9.165 min Scan# 661
 Delta R.T. 0.001 min
 Lab File: BF089770.D
 Acq: 17 Aug 2016 18:33

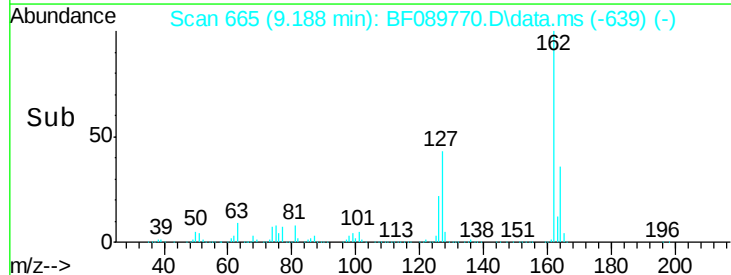
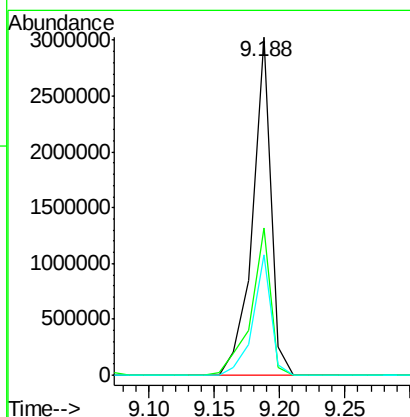
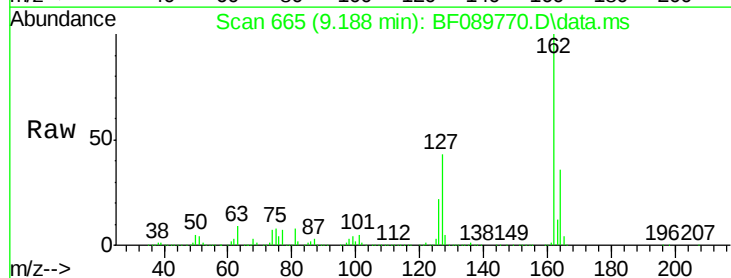
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-7A-9-11MS

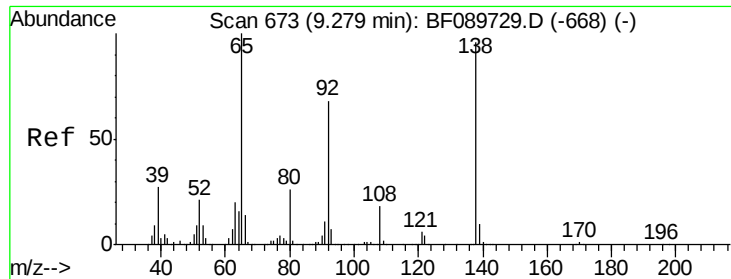
Tot Ion:154 Resp: 3240235
 Ion Ratio Lower Upper
 154 100
 153 42.3 21.5 61.5
 76 16.5 0.0 36.7



#46
 2-Chloronaphthalene
 Concen: 34.72 ng
 RT: 9.188 min Scan# 665
 Delta R.T. 0.000 min
 Lab File: BF089770.D
 Acq: 17 Aug 2016 18:33

Tgt Ion:162 Resp: 2988316
 Ion Ratio Lower Upper
 162 100
 127 43.5 35.5 53.3
 164 35.6 26.6 40.0

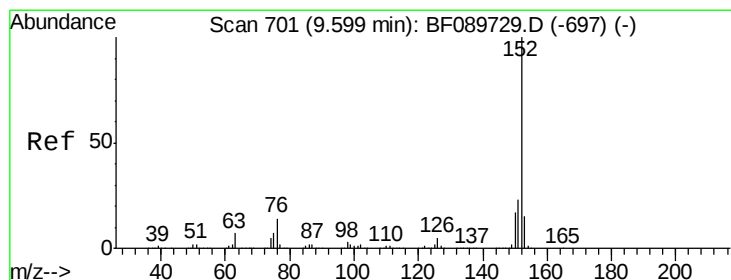
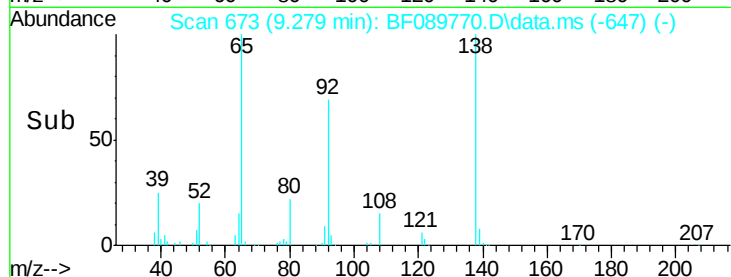
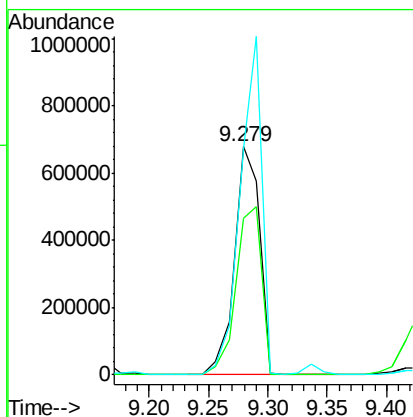
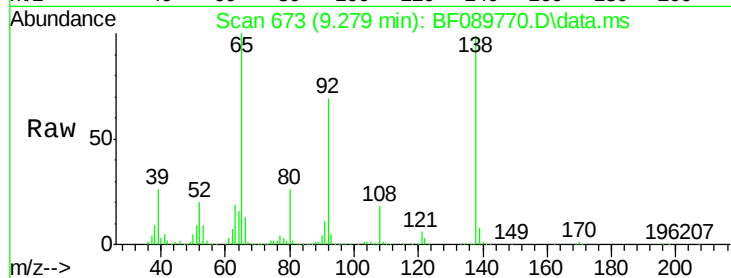




#47
2-Nitroaniline
Concen: 37.92 ng
RT: 9.279 min Scan# 67
Delta R.T. 0.000 min
Lab File: BF089770.D
Acq: 17 Aug 2016 18:33

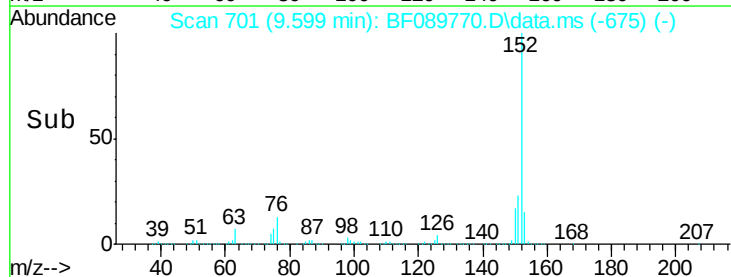
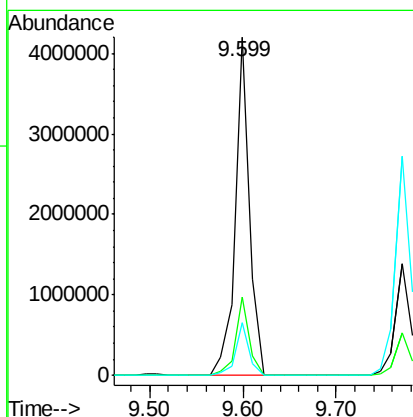
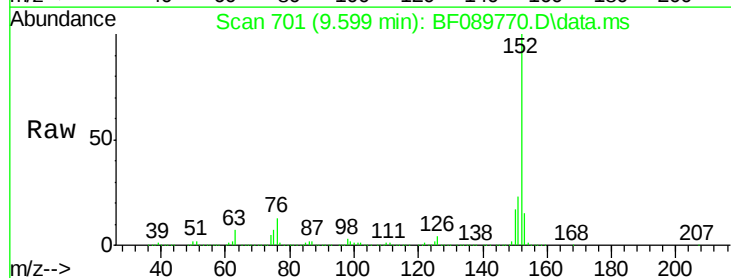
Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11MS

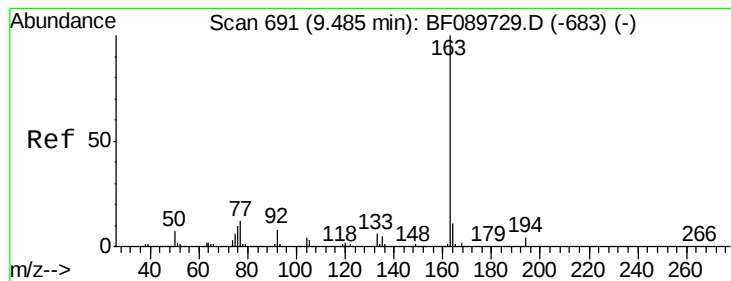
Tot Ion: 65 Resp: 994504
Ion Ratio Lower Upper
65 100
92 68.7 56.3 84.5
138 99.1 81.8 122.8



#48
Acenaphthylene
Concen: 33.63 ng
RT: 9.599 min Scan# 701
Delta R.T. 0.000 min
Lab File: BF089770.D
Acq: 17 Aug 2016 18:33

Tgt Ion: 152 Resp: 4455483
Ion Ratio Lower Upper
152 100
151 23.0 17.1 25.7
153 15.4 11.2 16.8





#49

Dimethylphthalate

Concen: 54.53 ng

RT: 9.485 min Scan# 691

Delta R.T. 0.000 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MS

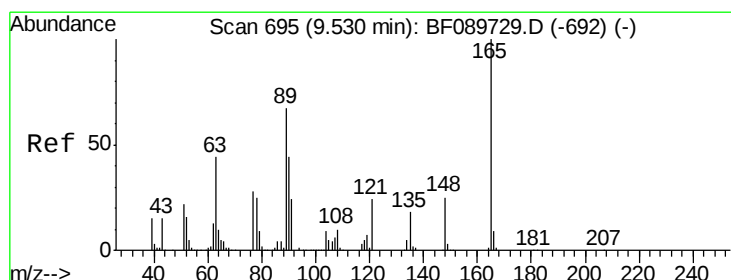
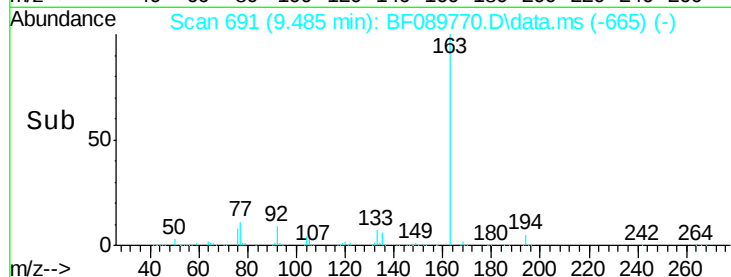
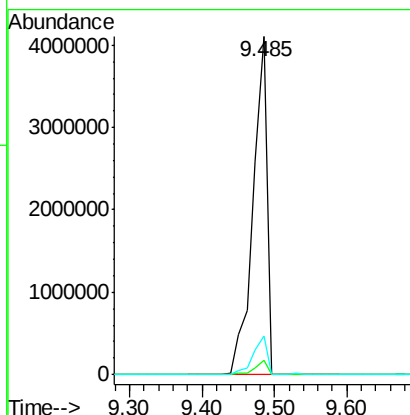
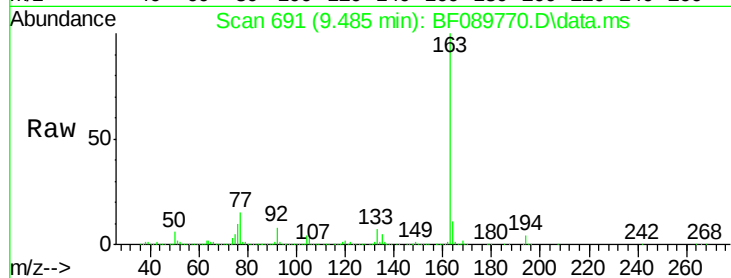
Tot Ion:163 Resp: 5472445

Ion Ratio Lower Upper

163 100

194 4.1 2.6 3.8#

164 11.2 8.6 12.8



#50

2,6-Dinitrotoluene

Concen: 36.95 ng

RT: 9.530 min Scan# 695

Delta R.T. 0.000 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

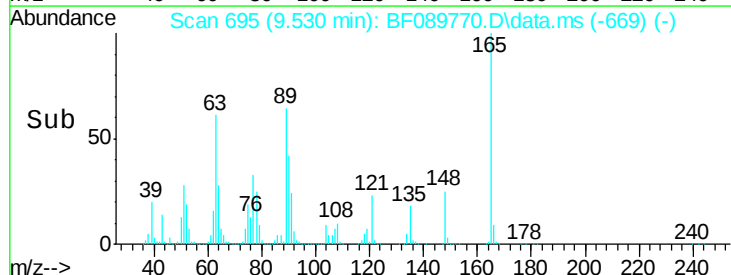
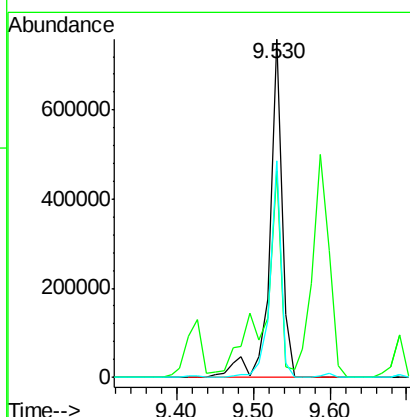
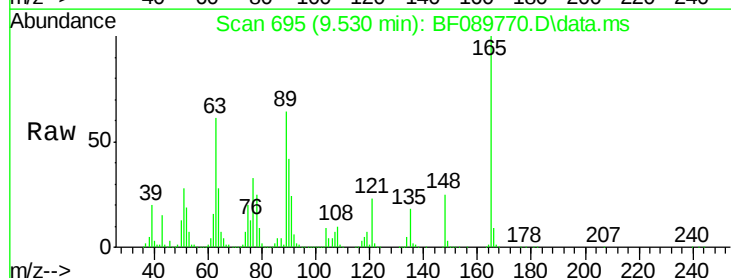
Tgt Ion:165 Resp: 839308

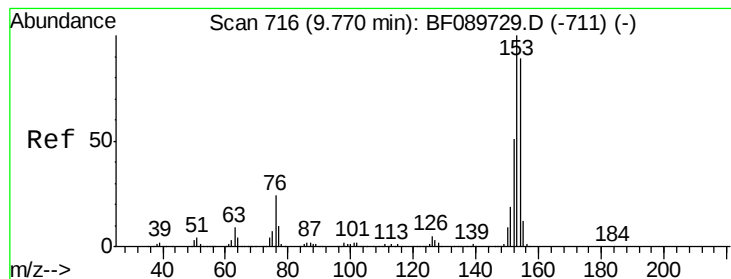
Ion Ratio Lower Upper

165 100

63 61.0 41.7 62.5

89 64.2 44.6 67.0





#51

Acenaphthene

Concen: 31.36 ng

RT: 9.770 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MS

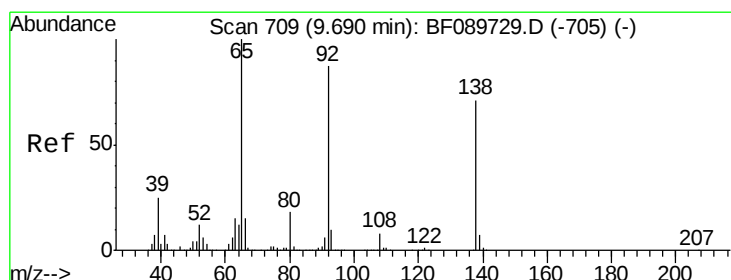
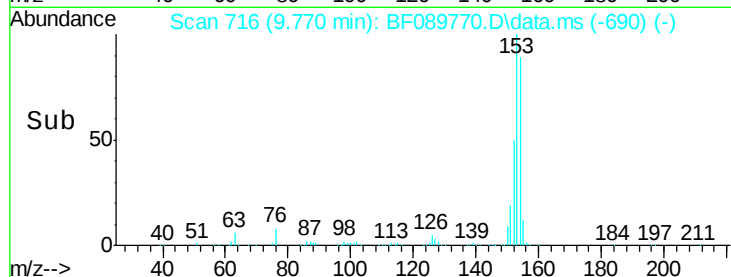
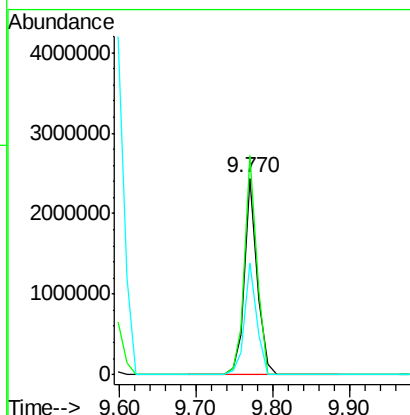
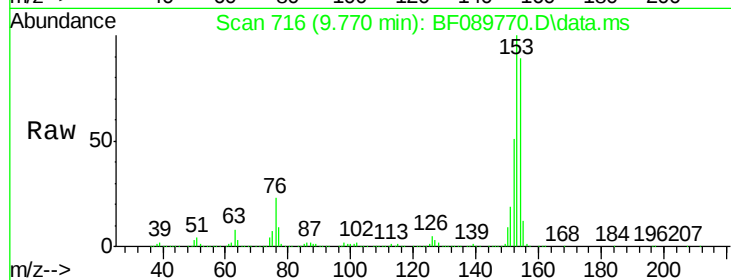
Tot Ion:154 Resp: 2803963

Ion Ratio Lower Upper

154 100

153 111.9 90.5 135.7

152 56.6 44.6 67.0



#52

3-Nitroaniline

Concen: 17.84 ng

RT: 9.690 min Scan# 709

Delta R.T. 0.000 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

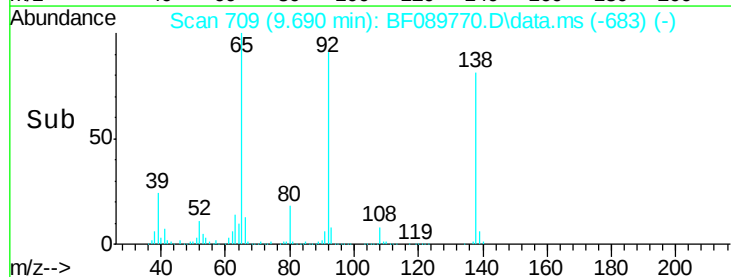
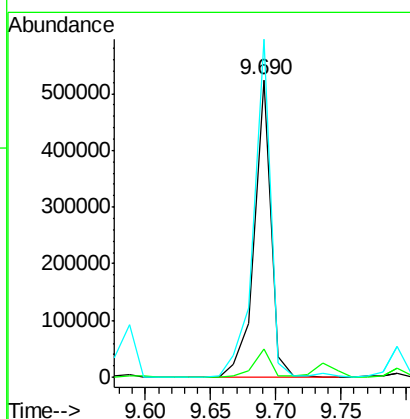
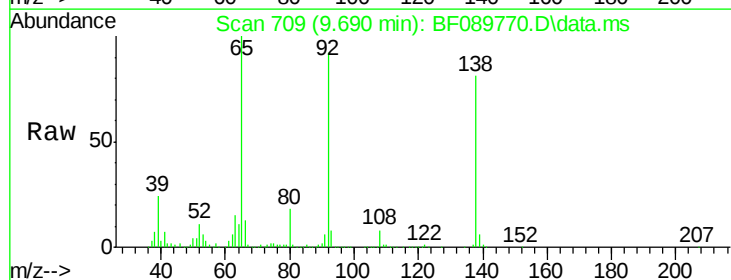
Tgt Ion:138 Resp: 471210

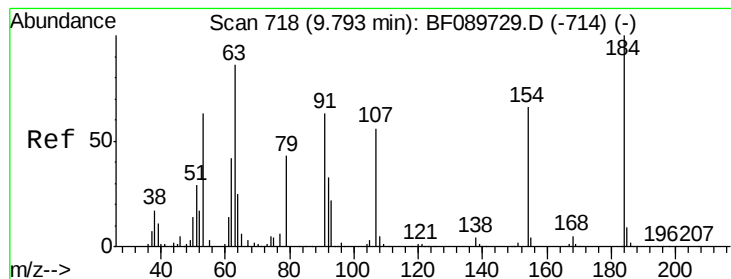
Ion Ratio Lower Upper

138 100

108 9.6 8.1 12.1

92 113.5 92.7 139.1





#53

2,4-Dinitrophenol

Concen: 17.35 ng

RT: 9.793 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MS

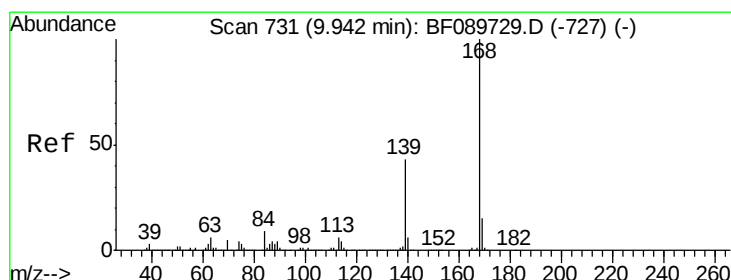
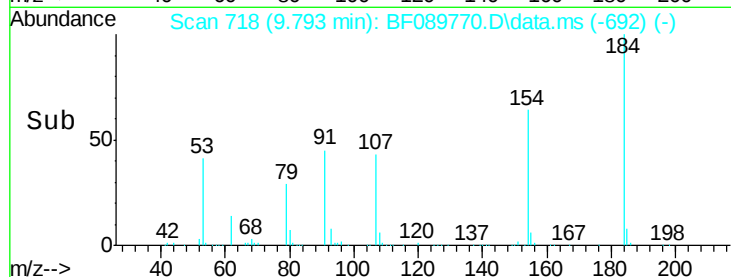
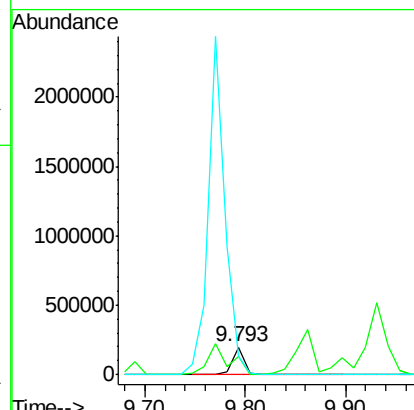
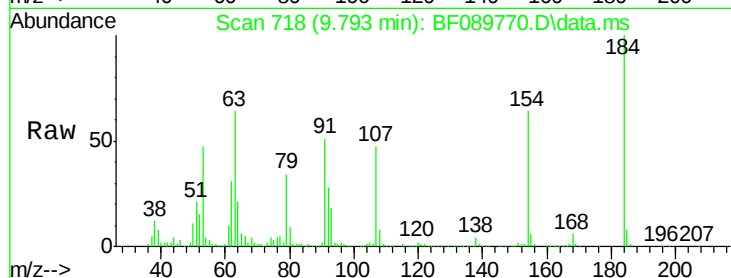
Tot Ion:184 Resp: 161458

Ion Ratio Lower Upper

184 100

63 63.7 54.2 81.4

154 64.3 52.7 79.1



#54

Dibenzofuran

Concen: 36.38 ng

RT: 9.942 min Scan# 731

Delta R.T. 0.000 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

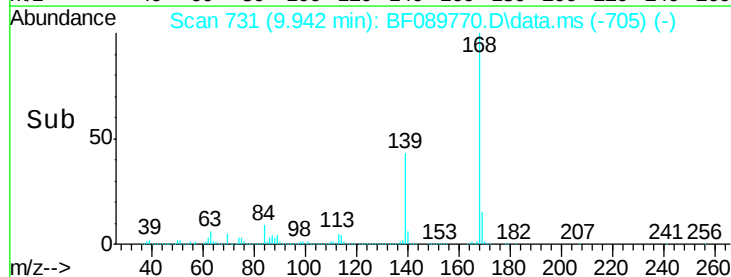
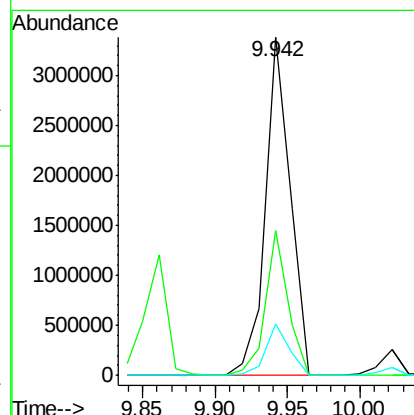
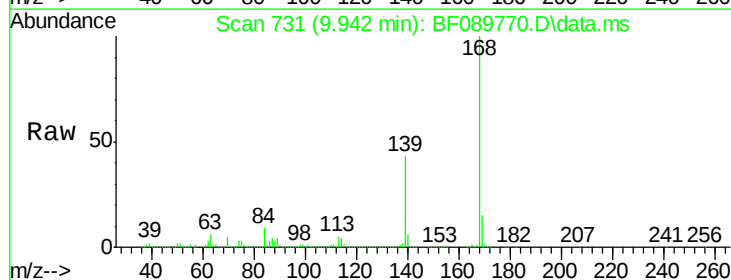
Tgt Ion:168 Resp: 4003098

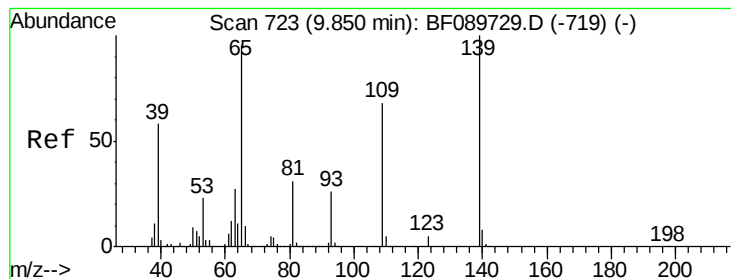
Ion Ratio Lower Upper

168 100

139 42.9 34.6 52.0

169 15.2 11.5 17.3





#55

4-Nitrophenol

Concen: 66.55 ng

RT: 9.862 min Scan# 72

Delta R.T. 0.011 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MS

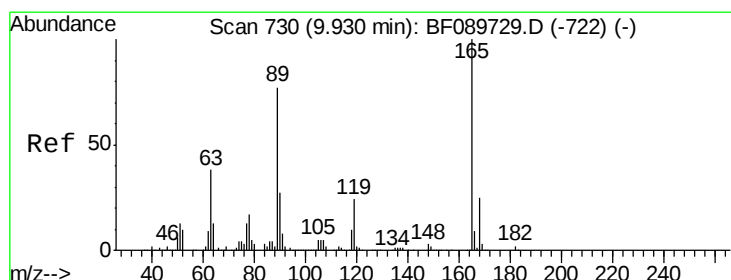
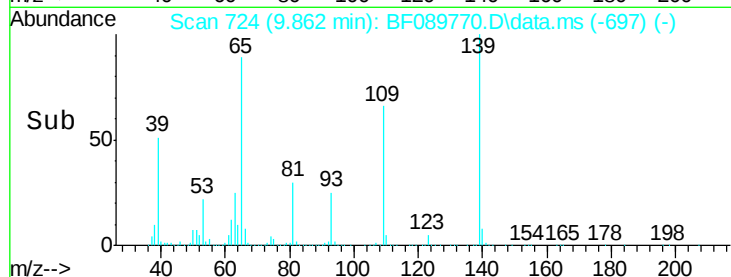
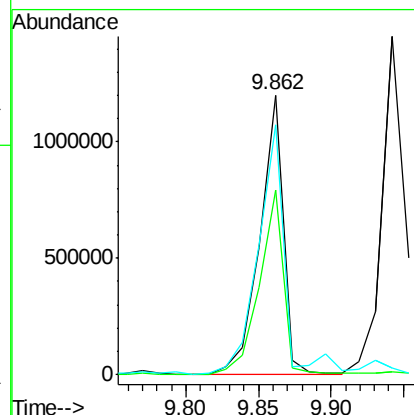
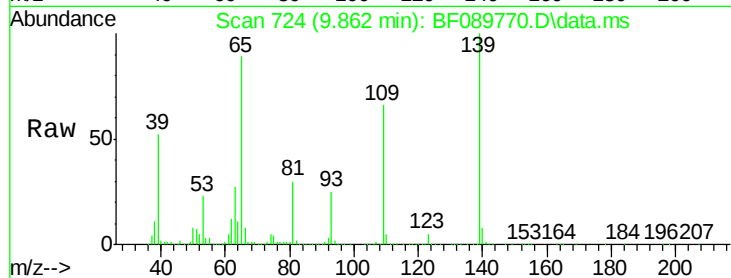
Tot Ion:139 Resp: 1351932

Ion Ratio Lower Upper

139 100

109 66.0 43.0 83.0

65 89.3 55.7 95.7



#56

2,4-Dinitrotoluene

Concen: 37.14 ng

RT: 9.930 min Scan# 730

Delta R.T. 0.000 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

Tgt Ion:165 Resp: 1084214

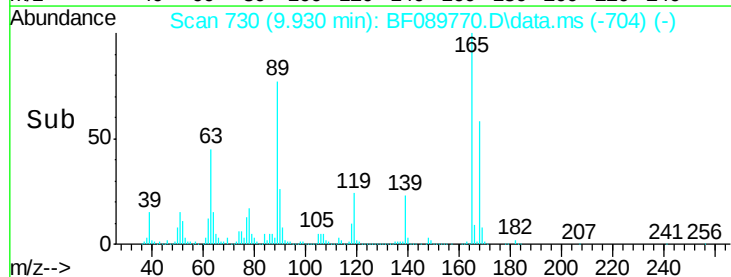
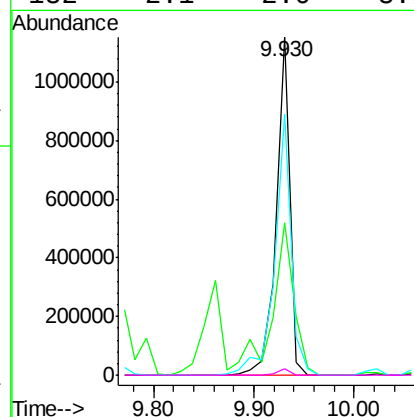
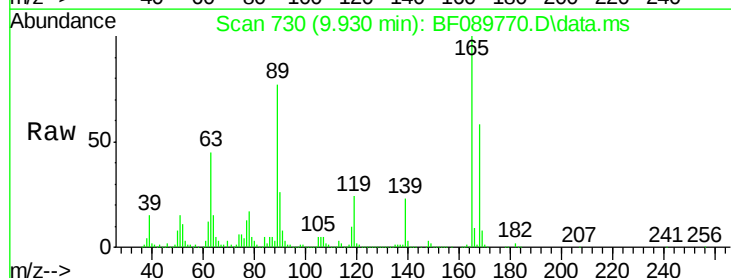
Ion Ratio Lower Upper

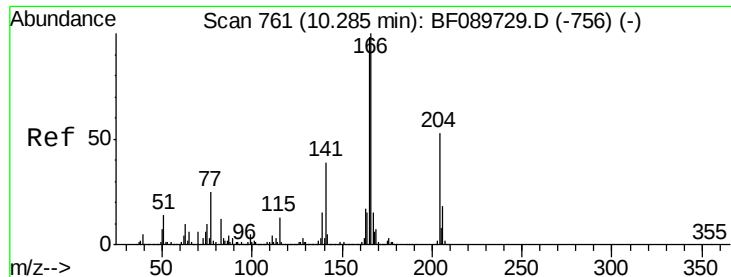
165 100

63 45.2 23.7 35.5#

89 77.2 44.0 66.0#

182 2.1 2.0 3.0

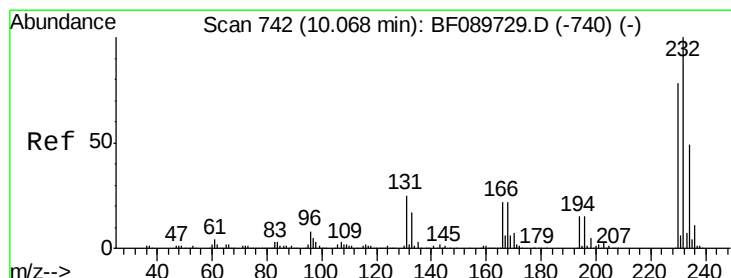
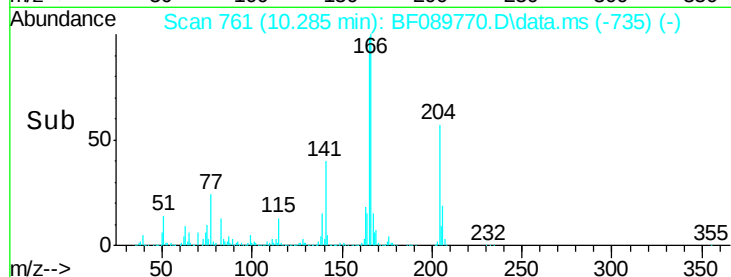
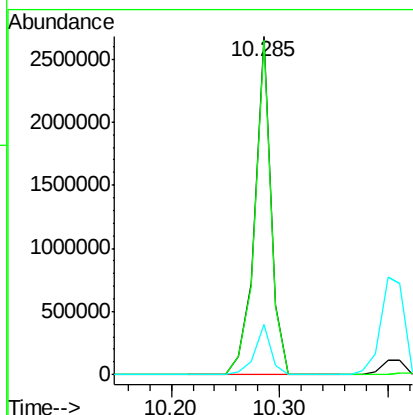
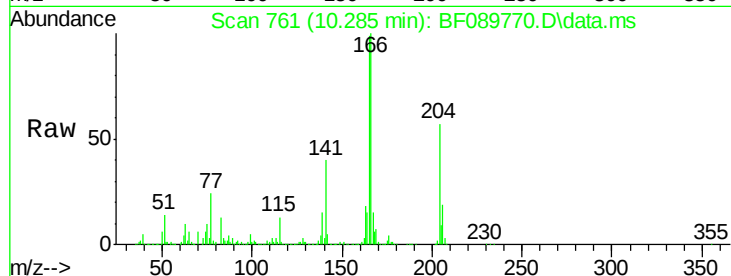




#57
 Fluorene
 Concen: 31.60 ng
 RT: 10.285 min Scan# 761
 Delta R.T. 0.000 min
 Lab File: BF089770.D
 Acq: 17 Aug 2016 18:33

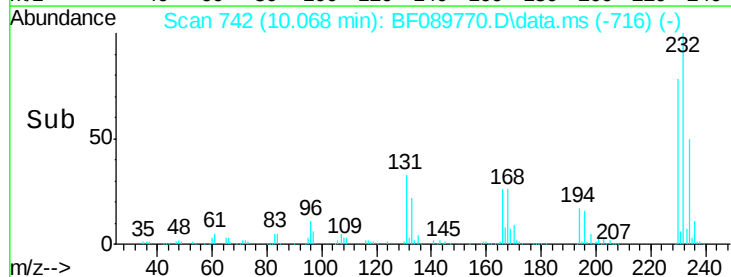
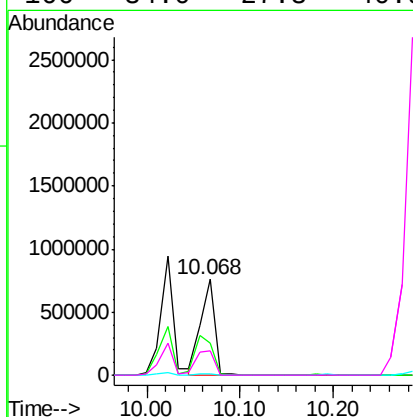
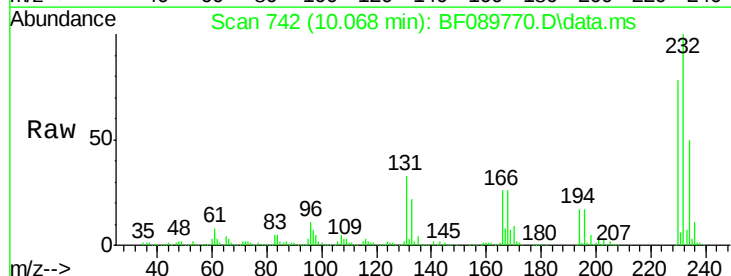
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-7A-9-11MS

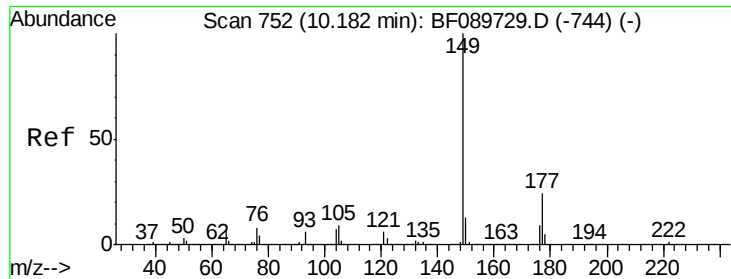
Tot Ion:166 Resp: 2809446
 Ion Ratio Lower Upper
 166 100
 165 99.0 80.2 120.4
 167 14.8 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.04 ng
 RT: 10.068 min Scan# 742
 Delta R.T. 0.000 min
 Lab File: BF089770.D
 Acq: 17 Aug 2016 18:33

Tgt Ion:232 Resp: 815992
 Ion Ratio Lower Upper
 232 100
 131 51.3 42.5 63.7
 130 2.4 2.2 3.4
 166 34.0 27.3 40.9

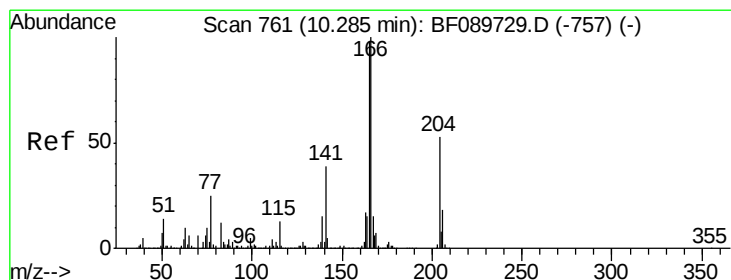
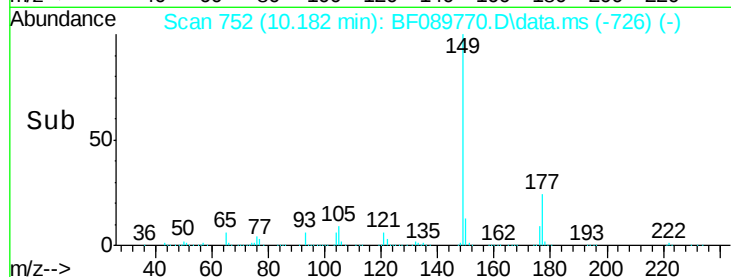
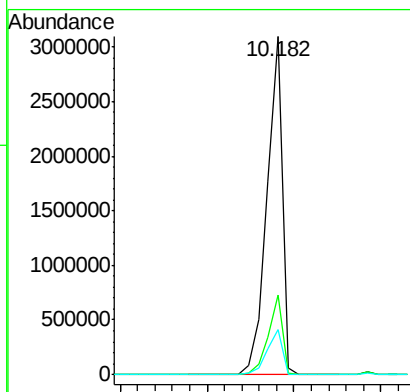
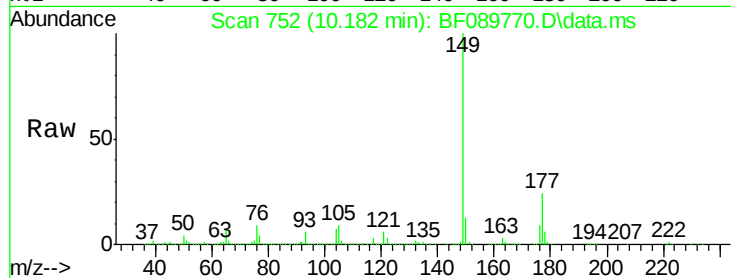




#59
Diethylphthalate
Concen: 37.30 ng
RT: 10.182 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF089770.D
Acq: 17 Aug 2016 18:33

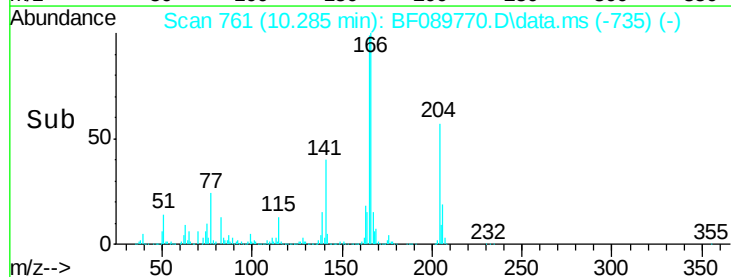
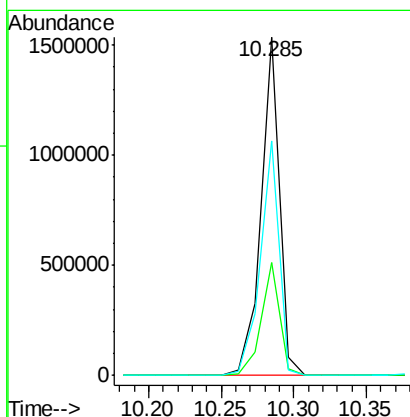
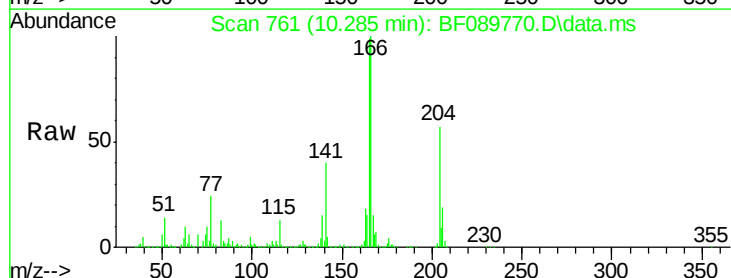
Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11MS

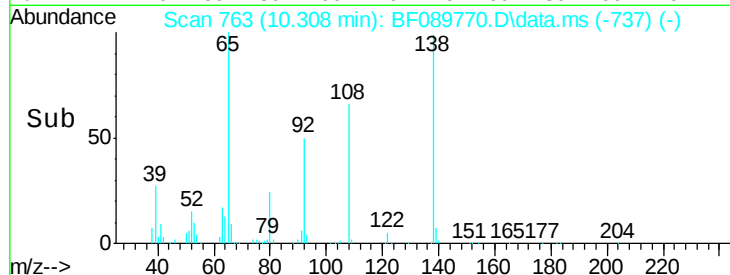
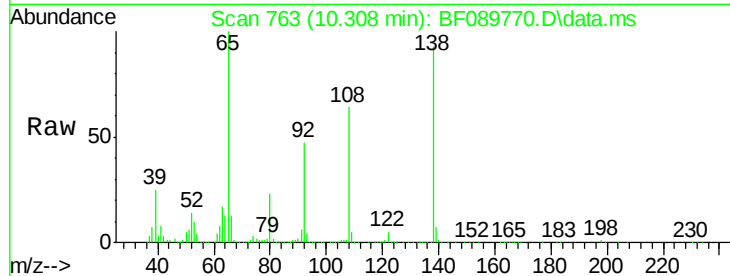
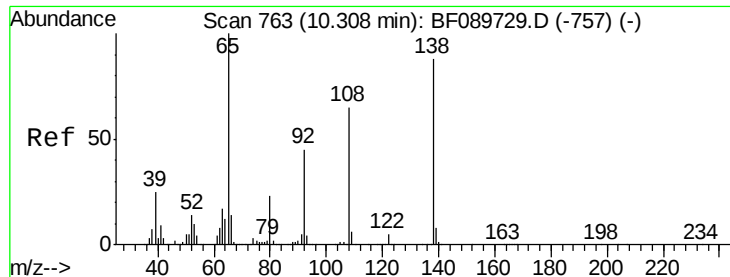
Tot Ion:149 Resp: 3794838
Ion Ratio Lower Upper
149 100
177 23.7 16.6 25.0
150 13.2 10.5 15.7



#60
4-Chlorophenyl-phenylether
Concen: 30.96 ng
RT: 10.285 min Scan# 761
Delta R.T. 0.001 min
Lab File: BF089770.D
Acq: 17 Aug 2016 18:33

Tgt Ion:204 Resp: 1351062
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 69.3 54.1 81.1

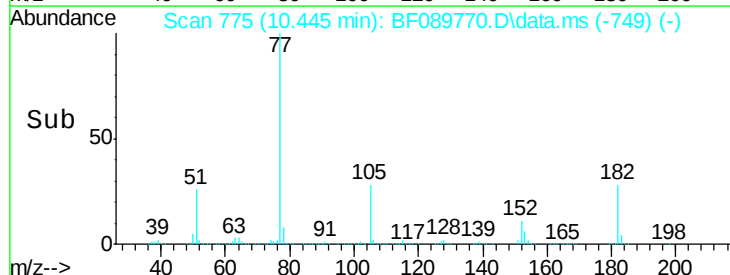
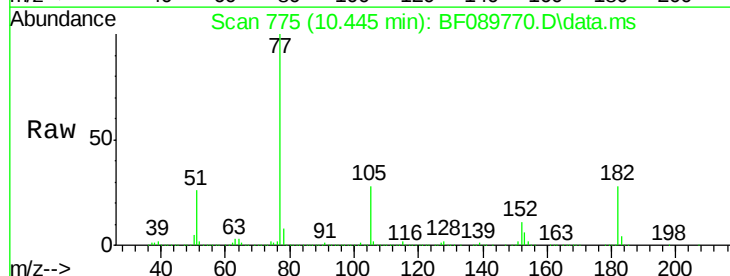
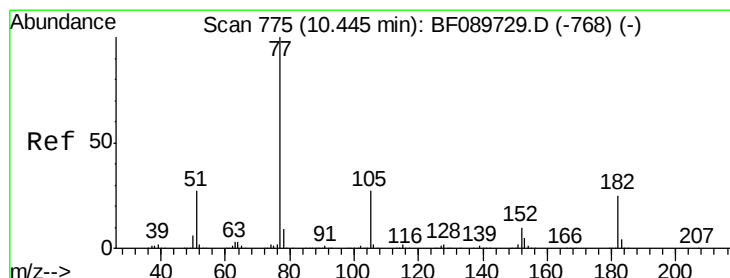
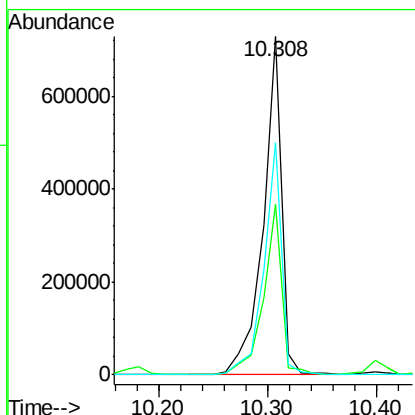




#61
4-Nitroaniline
Concen: 33.65 ng
RT: 10.308 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF089770.D
Acq: 17 Aug 2016 18:33

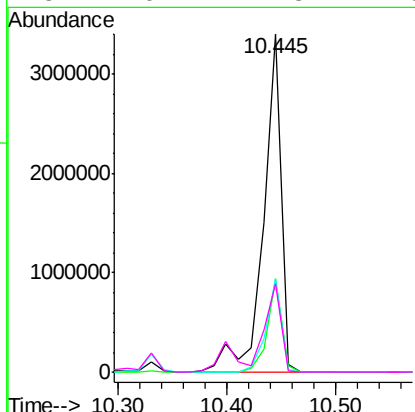
Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11MS

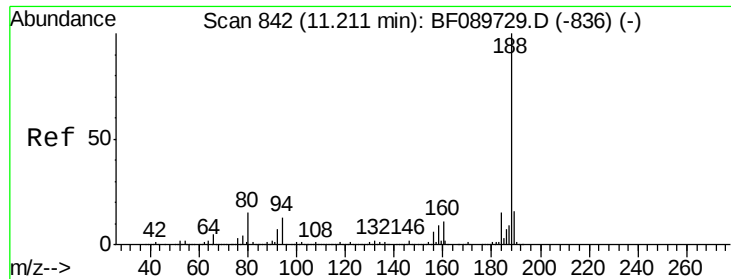
Tot Ion:138 Resp: 862763
Ion Ratio Lower Upper
138 100
92 50.3 26.4 66.4
108 68.5 47.0 87.0



#62
Azobenzene
Concen: 40.91 ng
RT: 10.445 min Scan# 775
Delta R.T. 0.000 min
Lab File: BF089770.D
Acq: 17 Aug 2016 18:33

Tgt Ion: 77 Resp: 3933714
Ion Ratio Lower Upper
77 100
182 27.6 5.6 45.6
105 27.8 4.0 44.0
51 26.1 7.8 47.8

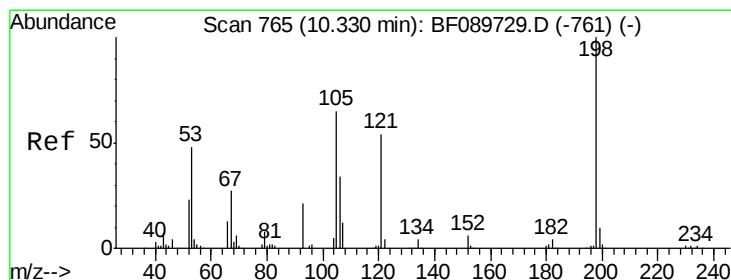
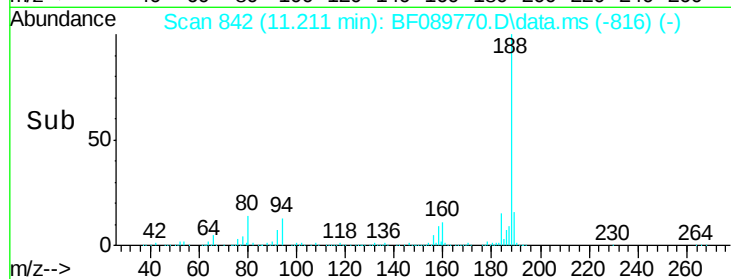
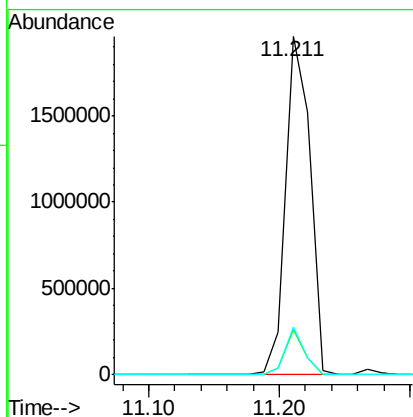
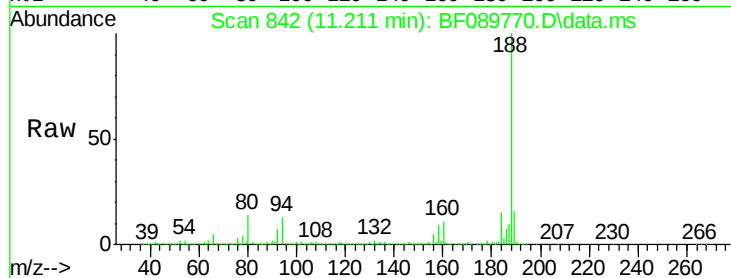




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.211 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF089770.D
Acq: 17 Aug 2016 18:33

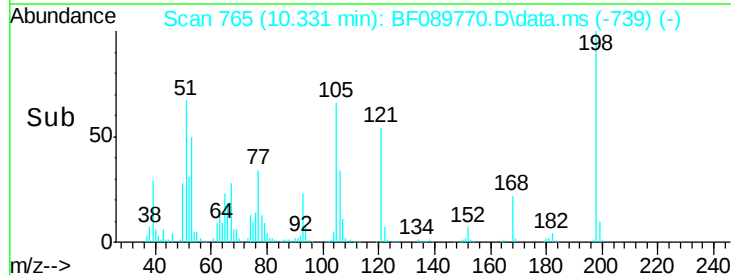
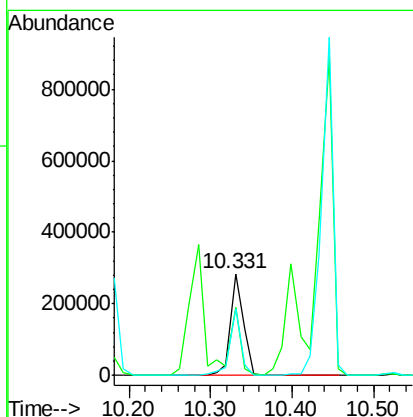
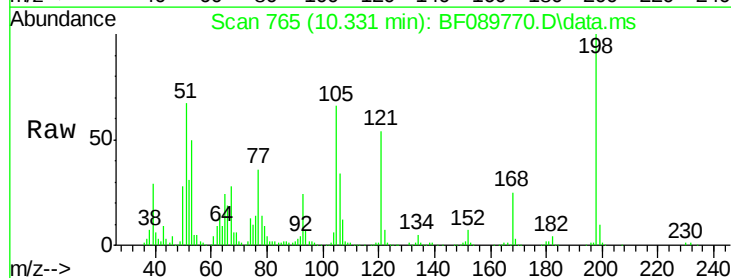
Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11MS

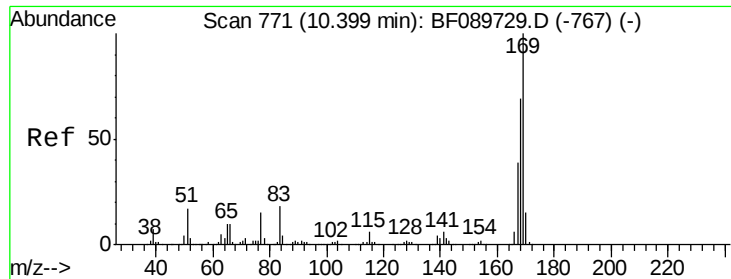
Tot Ion:188 Resp: 2589988
Ion Ratio Lower Upper
188 100
94 13.3 10.2 15.2
80 14.1 10.9 16.3



#64
4,6-Dinitro-2-methylphenol
Concen: 20.95 ng
RT: 10.331 min Scan# 765
Delta R.T. 0.001 min
Lab File: BF089770.D
Acq: 17 Aug 2016 18:33

Tgt Ion:198 Resp: 314993
Ion Ratio Lower Upper
198 100
51 67.4 32.3 72.3
105 66.1 32.9 72.9

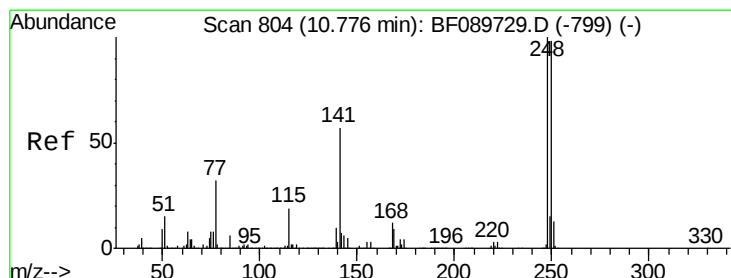
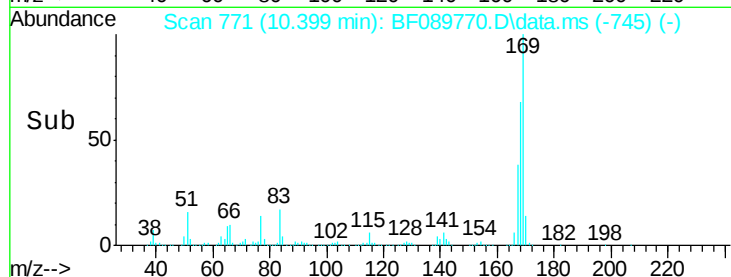
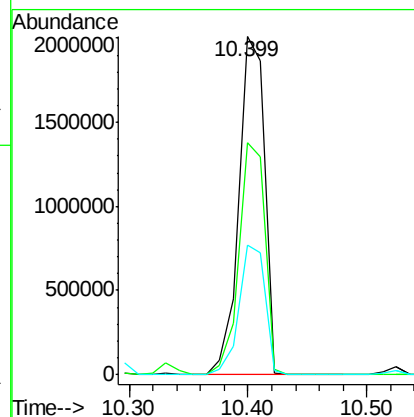
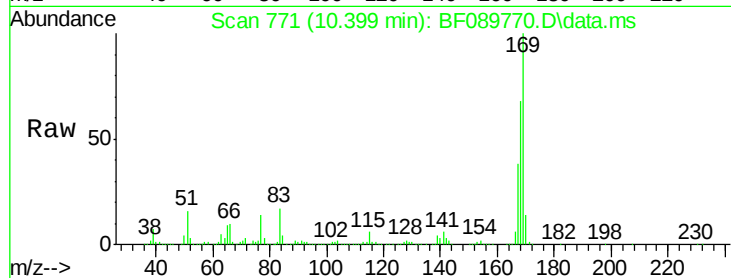




#65
 n-Nitrosodiphenylamine
 Concen: 37.31 ng
 RT: 10.399 min Scan# 771
 Delta R.T. 0.000 min
 Lab File: BF089770.D
 Acq: 17 Aug 2016 18:33

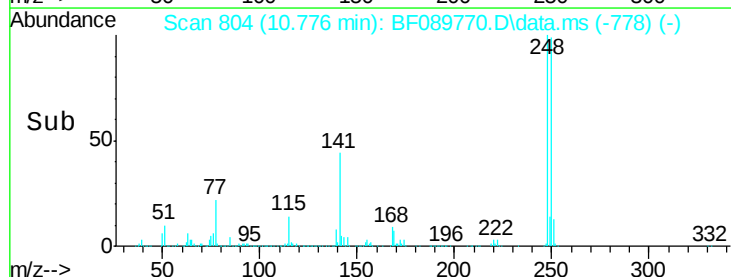
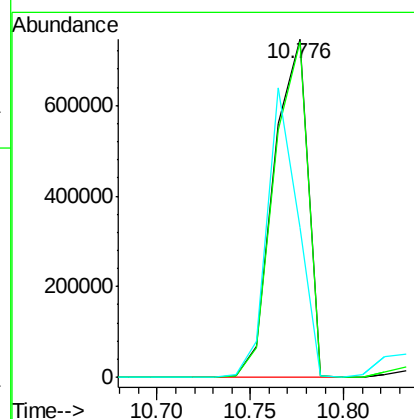
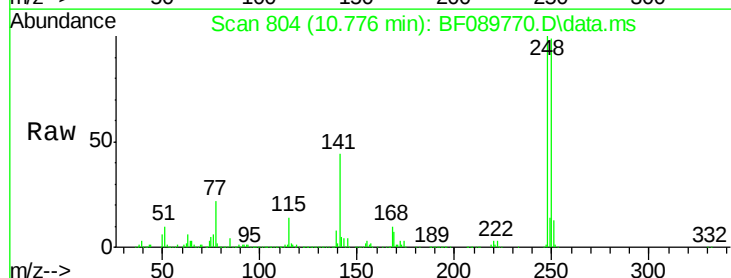
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-7A-9-11MS

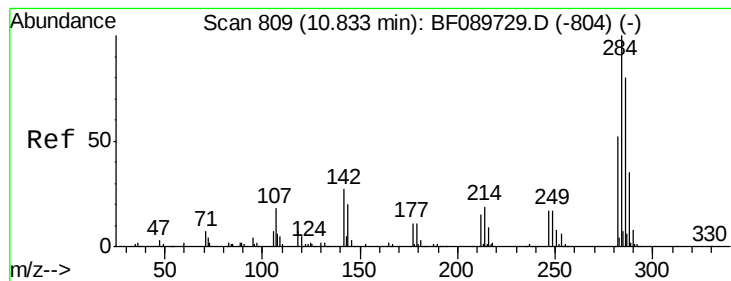
Tot Ion:169 Resp: 3032464
 Ion Ratio Lower Upper
 169 100
 168 68.4 54.6 82.0
 167 38.3 30.6 45.8



#66
 4-Bromophenyl-phenylether
 Concen: 35.26 ng
 RT: 10.776 min Scan# 804
 Delta R.T. 0.000 min
 Lab File: BF089770.D
 Acq: 17 Aug 2016 18:33

Tgt Ion:248 Resp: 945837
 Ion Ratio Lower Upper
 248 100
 250 99.2 78.6 117.8
 141 44.4 31.4 47.2





#67

Hexachlorobenzene

Concen: 36.83 ng

RT: 10.833 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MS

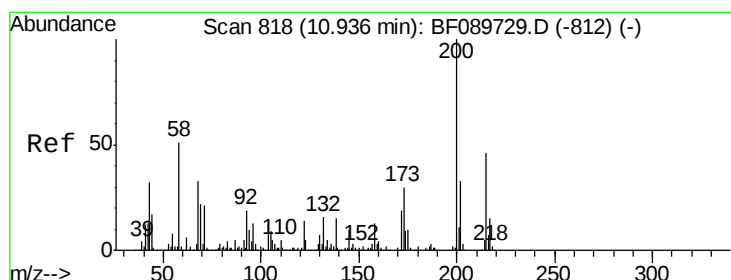
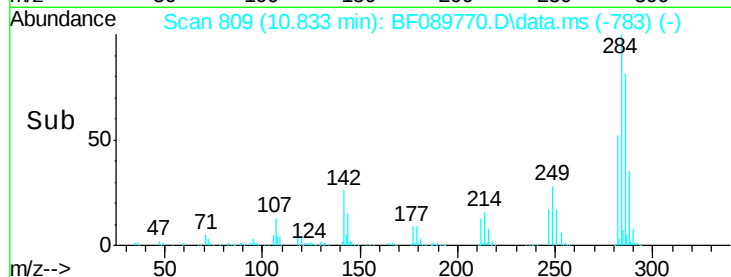
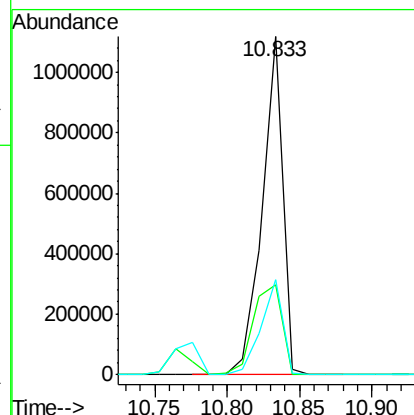
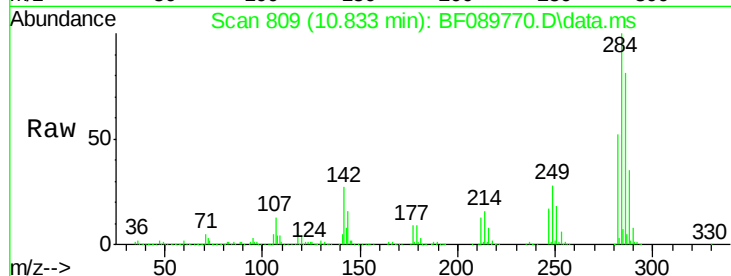
Tot Ion:284 Resp: 1098181

Ion Ratio Lower Upper

284 100

142 26.7 17.4 26.2#

249 28.0 22.8 34.2



#68

Atrazine

Concen: 35.61 ng

RT: 10.936 min Scan# 818

Delta R.T. 0.000 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

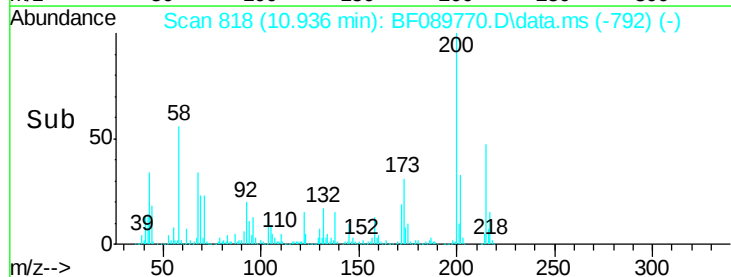
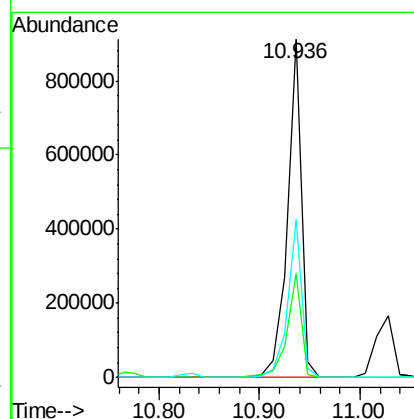
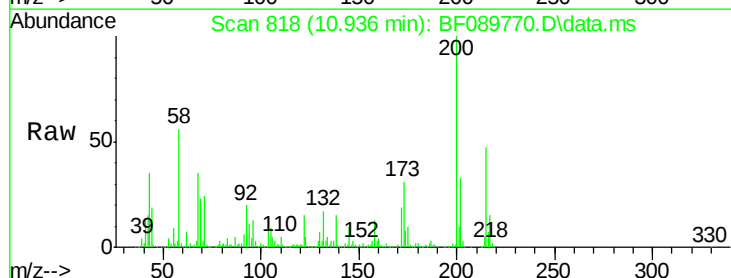
Tgt Ion:200 Resp: 876785

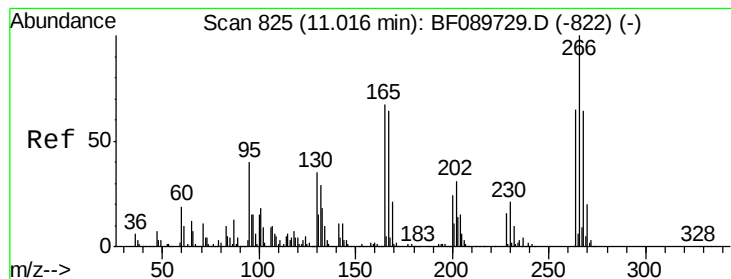
Ion Ratio Lower Upper

200 100

173 30.6 6.6 46.6

215 46.7 24.7 64.7





#69

Pentachlorophenol

Concen: 59.53 ng

RT: 11.028 min Scan# 82

Delta R.T. 0.011 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MS

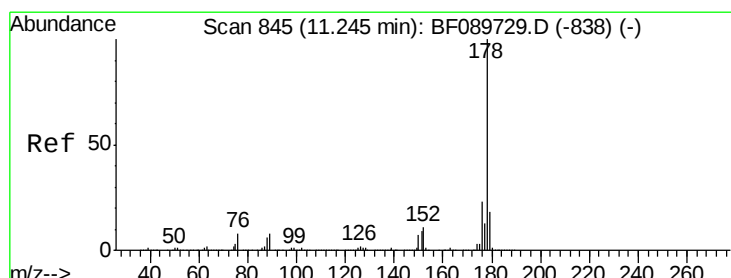
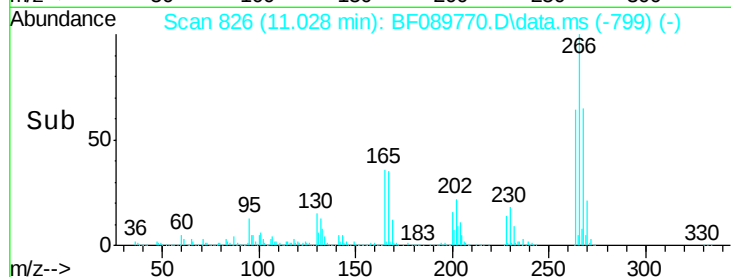
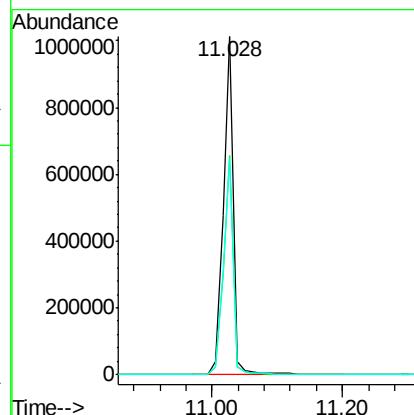
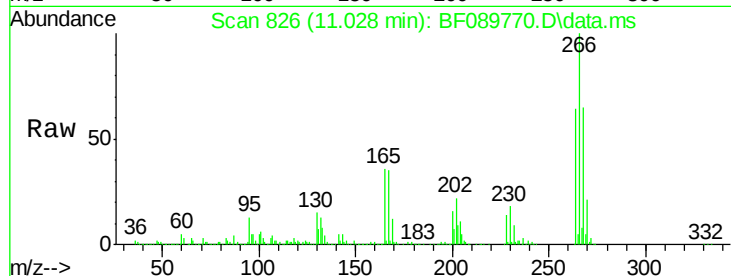
Tot Ion:266 Resp: 1105868

Ion Ratio Lower Upper

266 100

268 64.7 53.2 79.8

264 64.2 51.1 76.7



#70

Phenanthrene

Concen: 39.15 ng

RT: 11.245 min Scan# 845

Delta R.T. 0.001 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

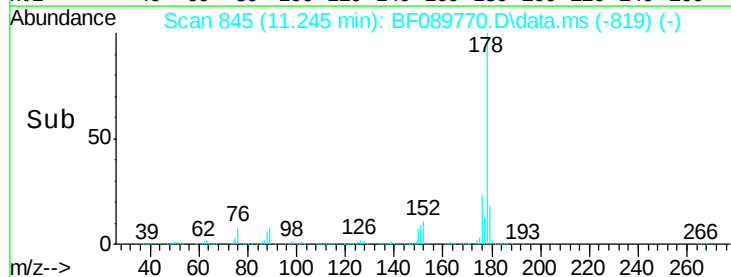
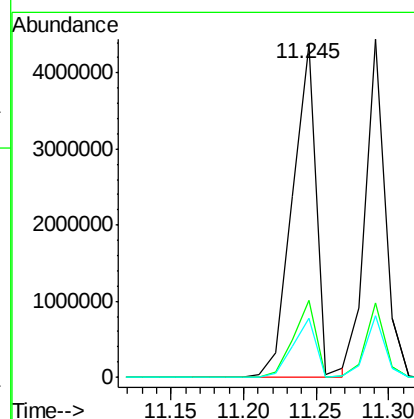
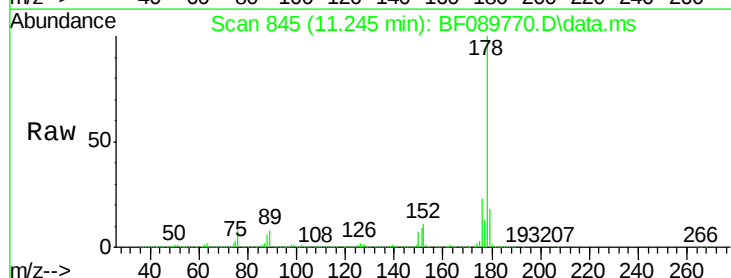
Tgt Ion:178 Resp: 4983484

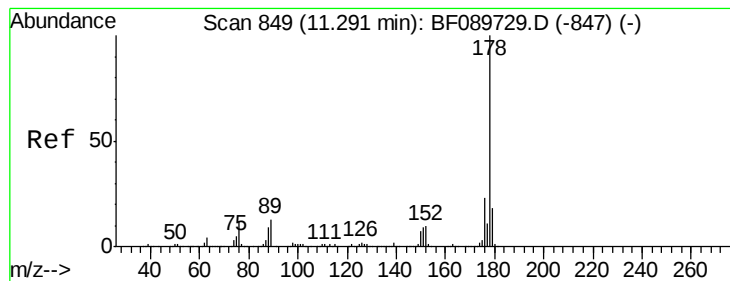
Ion Ratio Lower Upper

178 100

176 22.9 16.4 24.6

179 17.8 12.5 18.7





#71

Anthracene

Concen: 31.78 ng

RT: 11.291 min Scan# 849

Delta R.T. 0.000 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MS

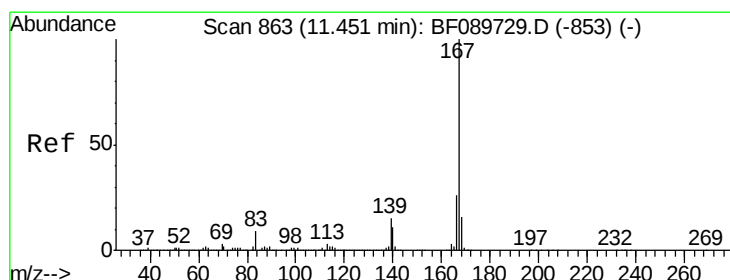
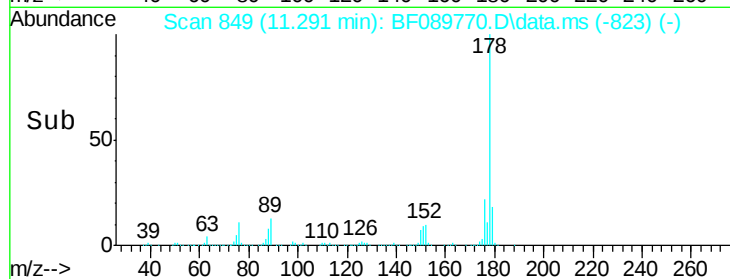
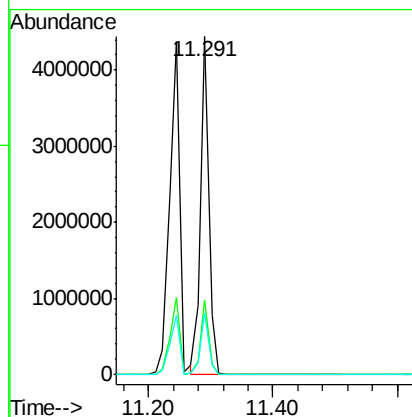
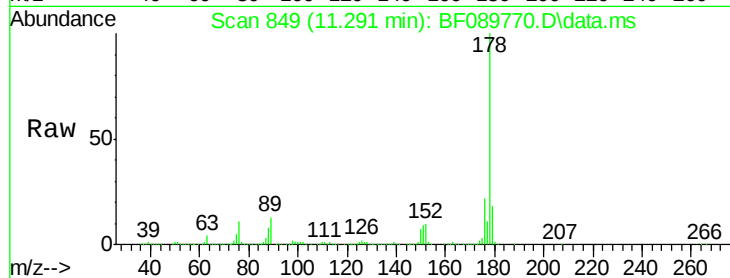
Tot Ion:178 Resp: 4227317

Ion Ratio Lower Upper

178 100

176 22.2 16.4 24.6

179 18.3 13.1 19.7



#72

Carbazole

Concen: 38.54 ng

RT: 11.451 min Scan# 863

Delta R.T. 0.000 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

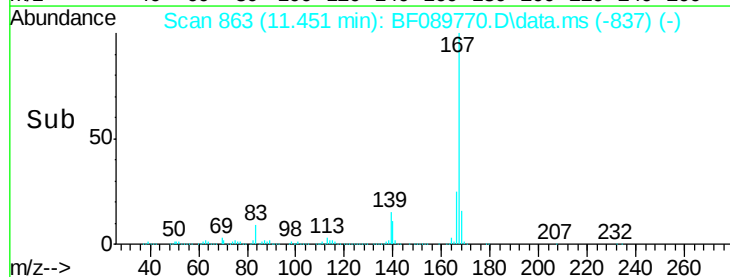
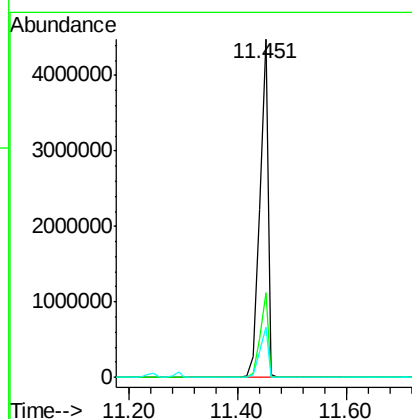
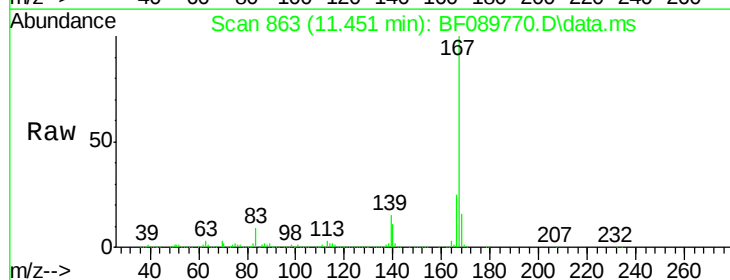
Tgt Ion:167 Resp: 4856867

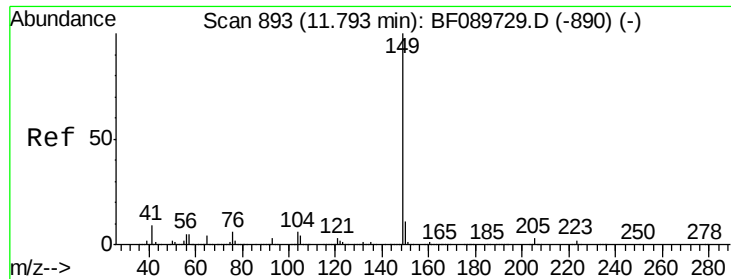
Ion Ratio Lower Upper

167 100

166 25.2 17.9 26.9

139 14.7 12.4 18.6

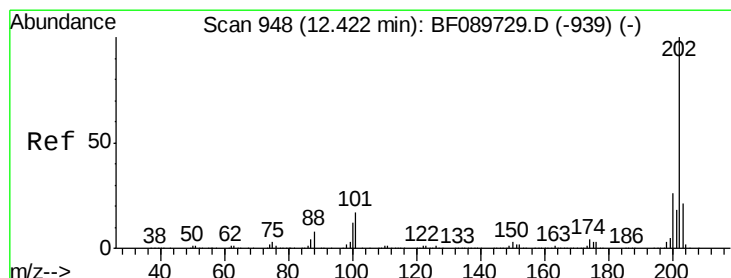
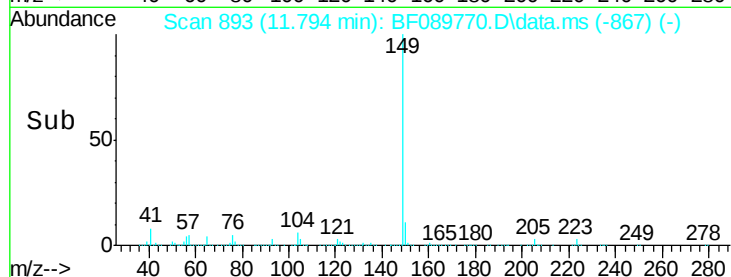
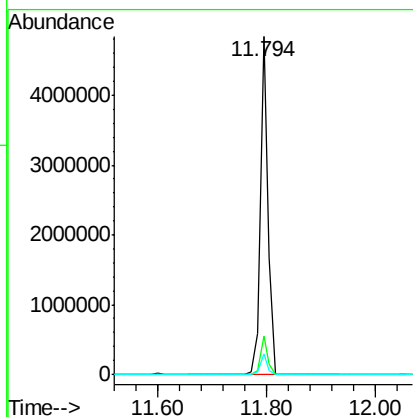
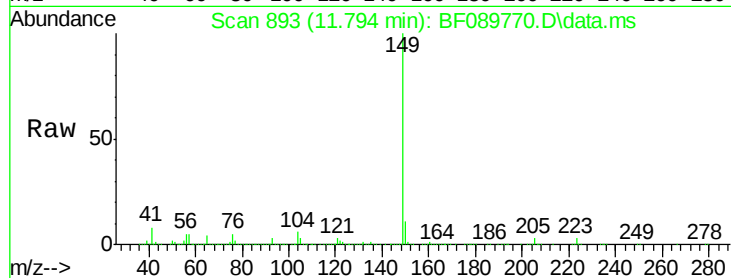




#73
Di-n-butylphthalate
Concen: 32.01 ng
RT: 11.794 min Scan# 89
Delta R.T. 0.001 min
Lab File: BF089770.D
Acq: 17 Aug 2016 18:33

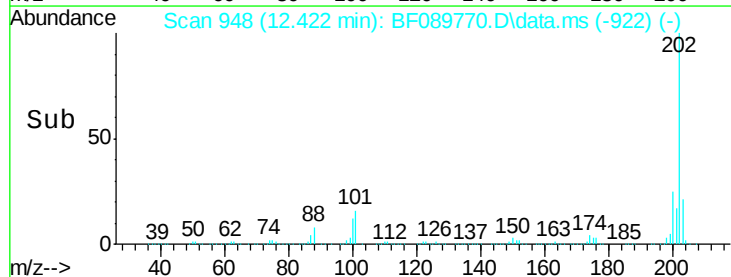
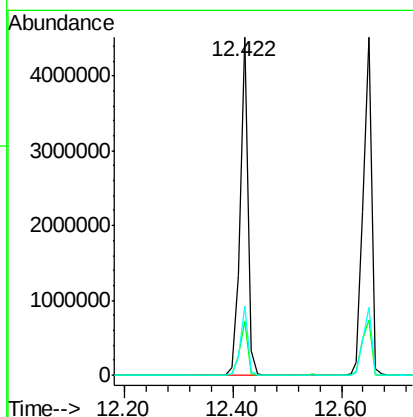
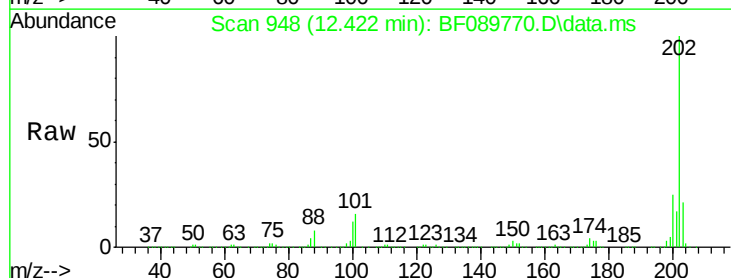
Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11MS

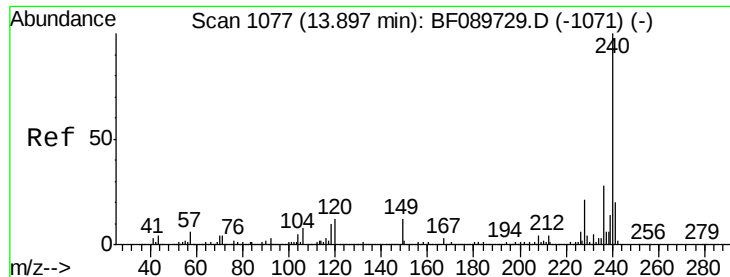
Tot Ion:149 Resp: 4907234
Ion Ratio Lower Upper
149 100
150 11.4 7.9 11.9
104 5.9 4.3 6.5



#74
Fluoranthene
Concen: 33.95 ng
RT: 12.422 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF089770.D
Acq: 17 Aug 2016 18:33

Tgt Ion:202 Resp: 4343053
Ion Ratio Lower Upper
202 100
101 15.9 0.0 31.2
203 20.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.862 min Scan# 10

Delta R.T. -0.034 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MS

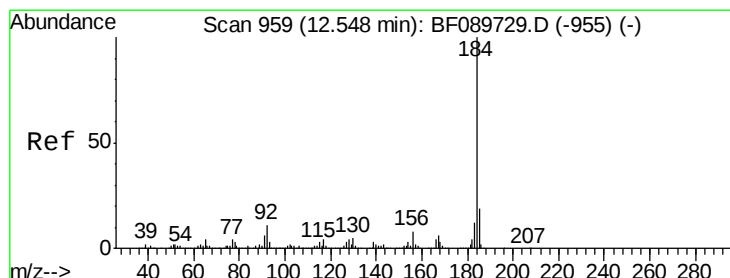
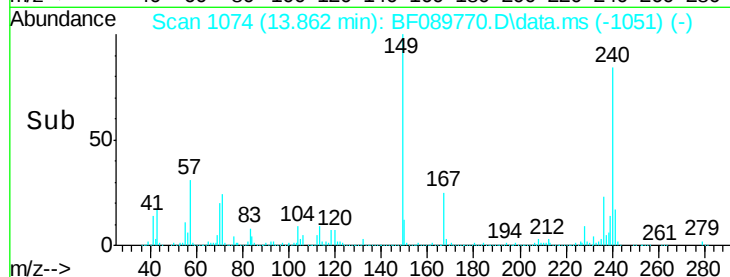
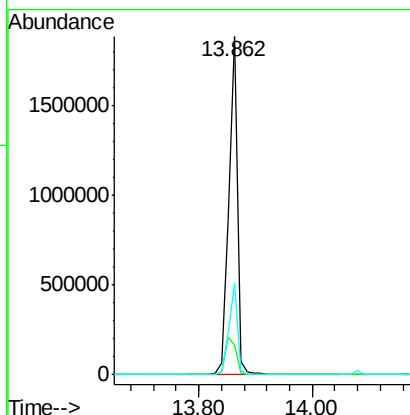
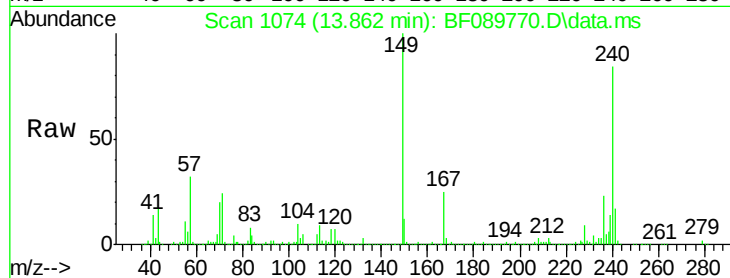
Tot Ion:240 Resp: 2014653

Ion Ratio Lower Upper

240 100

120 8.9 8.3 12.5

236 26.9 21.3 31.9



#76

Benzidine

Concen: 26.11 ng

RT: 12.548 min Scan# 959

Delta R.T. 0.000 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

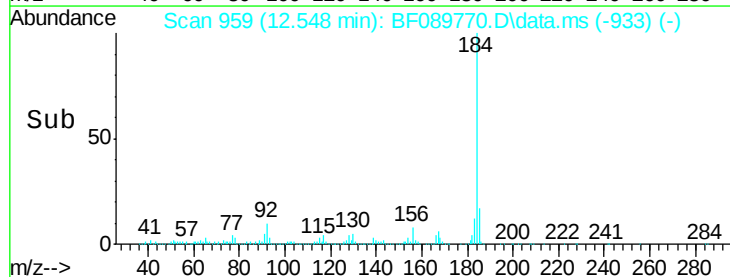
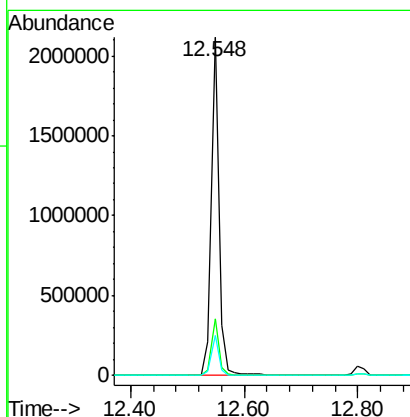
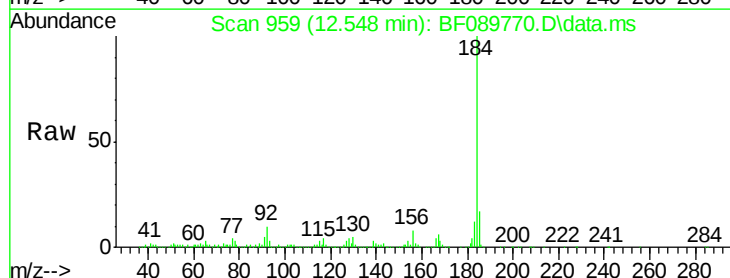
Tgt Ion:184 Resp: 1887746

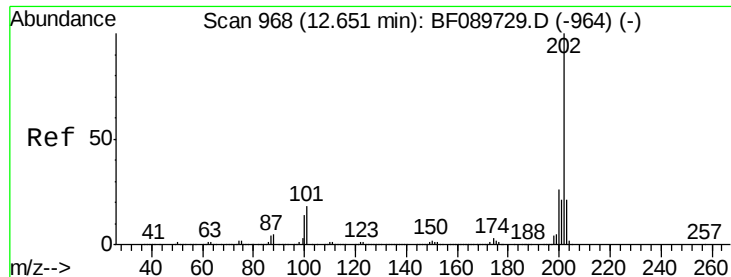
Ion Ratio Lower Upper

184 100

185 16.9 13.8 20.8

183 11.6 9.7 14.5





#77

Pvrene

Concen: 36.45 ng

RT: 12.651 min Scan# 96

Delta R.T. 0.000 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MS

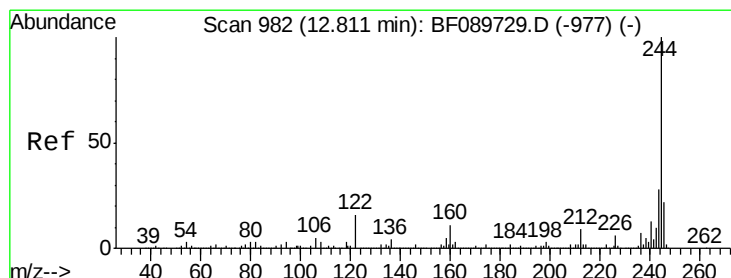
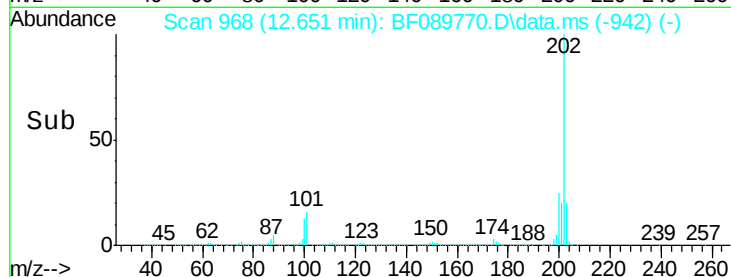
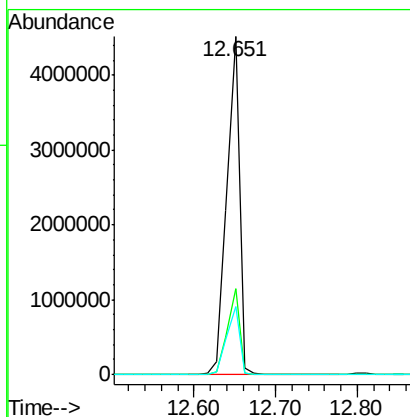
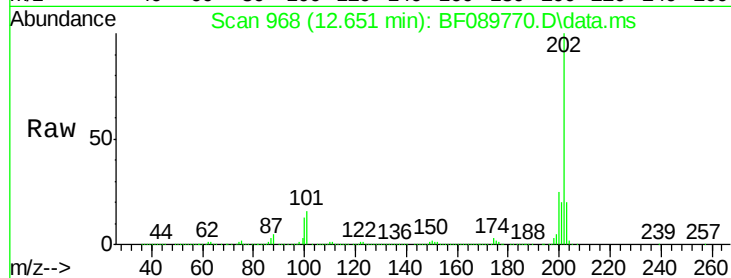
Tot Ion:202 Resp: 4805392

Ion Ratio Lower Upper

202 100

200 25.2 17.8 26.6

203 20.2 14.2 21.4



#78

Terphenyl-d14

Concen: 71.43 ng

RT: 12.811 min Scan# 982

Delta R.T. 0.001 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

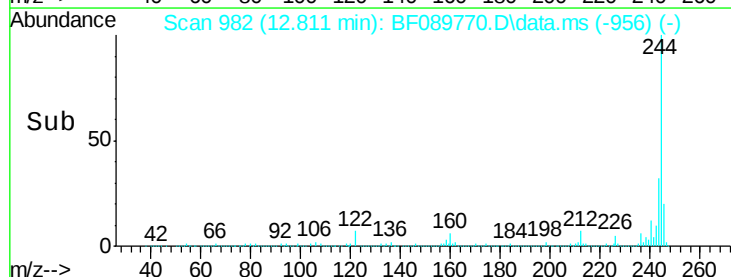
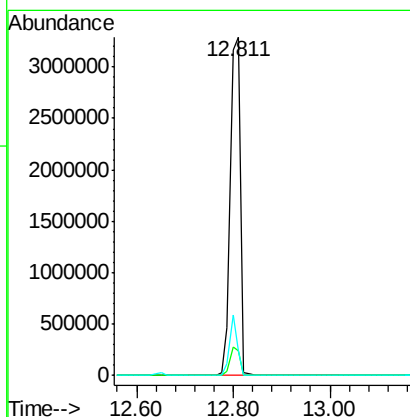
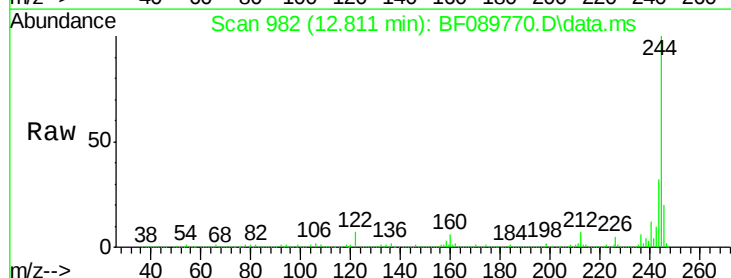
Tgt Ion:244 Resp: 4817110

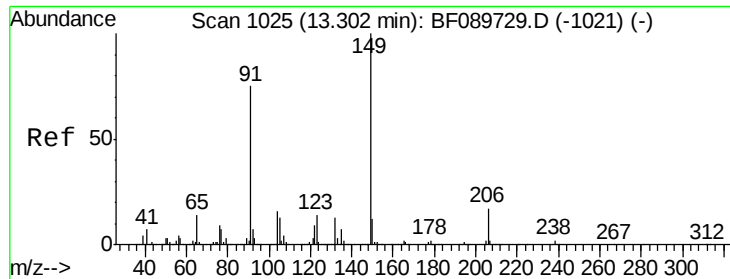
Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

122 7.1 12.0 18.0#

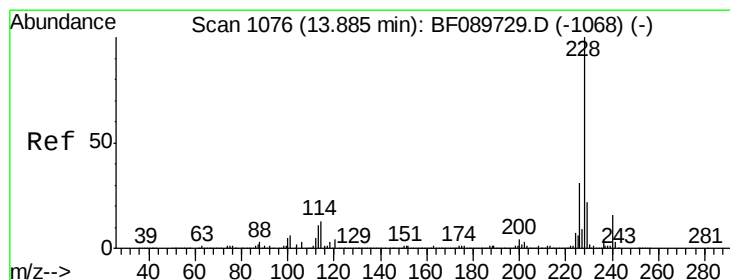
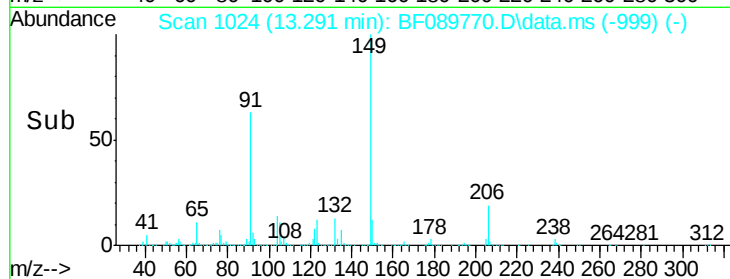
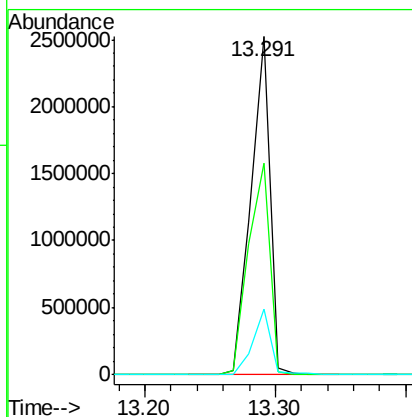
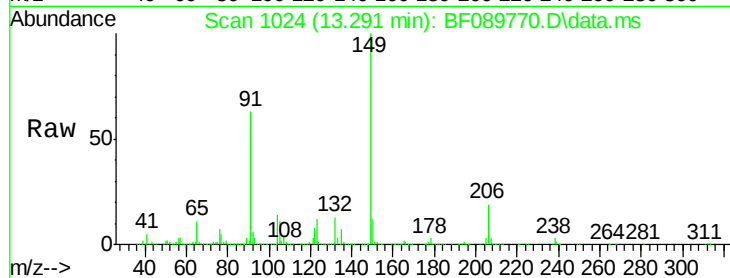




#79
Butylbenzylphthalate
Concen: 38.93 ng
RT: 13.291 min Scan# 1025
Delta R.T. -0.011 min
Lab File: BF089770.D
Acq: 17 Aug 2016 18:33

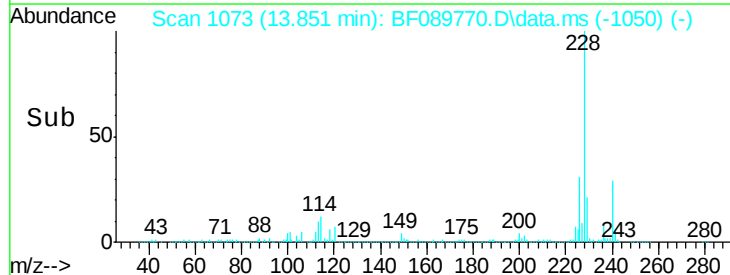
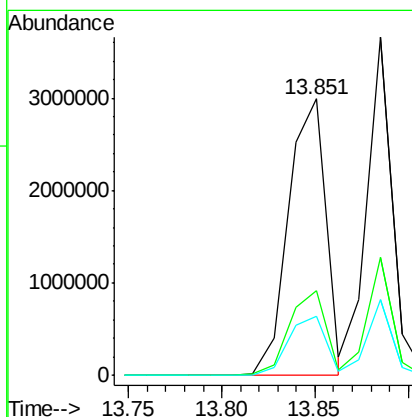
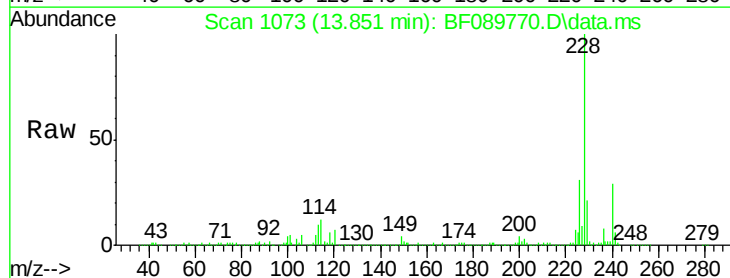
Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11MS

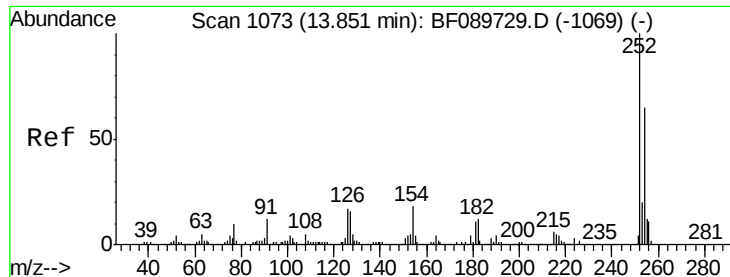
Tot Ion:149 Resp: 2575060
Ion Ratio Lower Upper
149 100
91 62.6 50.7 76.1
206 19.5 15.5 23.3



#80
Benzo(a)anthracene
Concen: 35.86 ng
RT: 13.851 min Scan# 1073
Delta R.T. -0.034 min
Lab File: BF089770.D
Acq: 17 Aug 2016 18:33

Tgt Ion:228 Resp: 4197691
Ion Ratio Lower Upper
228 100
226 30.6 23.2 34.8
229 21.4 16.2 24.4

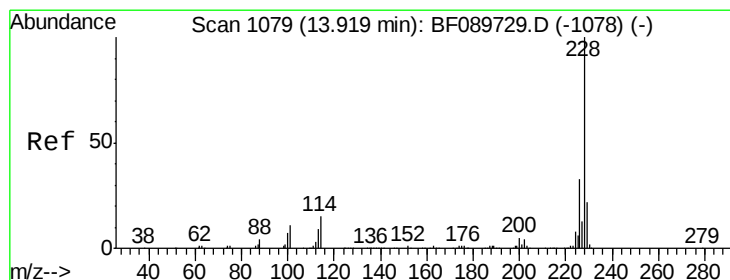
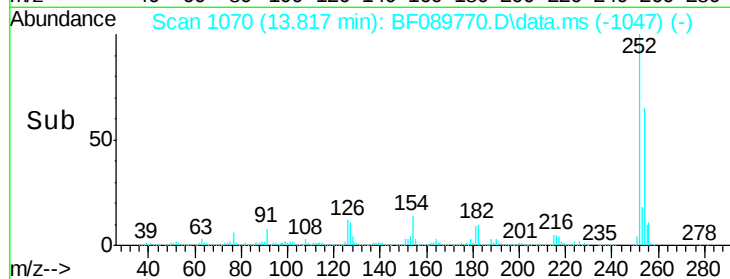
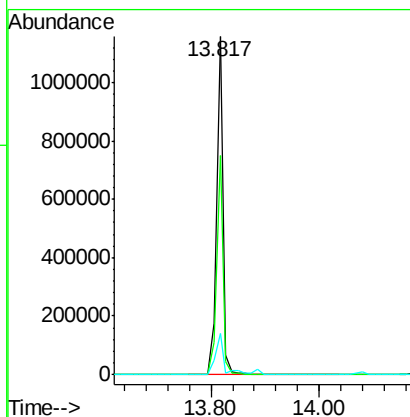
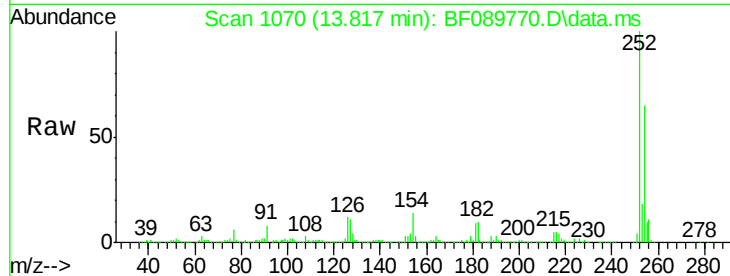




#81
 3,3'-Dichlorobenzidine
 Concen: 22.99 ng
 RT: 13.817 min Scan# 1070
 Delta R.T. -0.034 min
 Lab File: BF089770.D
 Acq: 17 Aug 2016 18:33

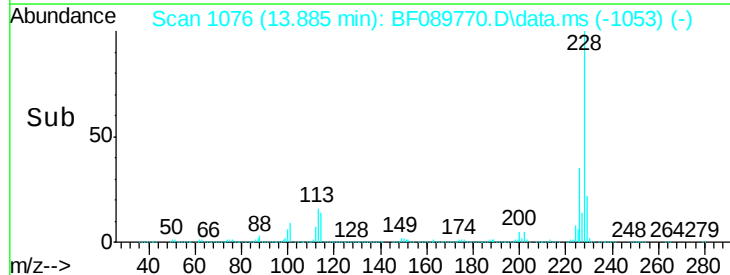
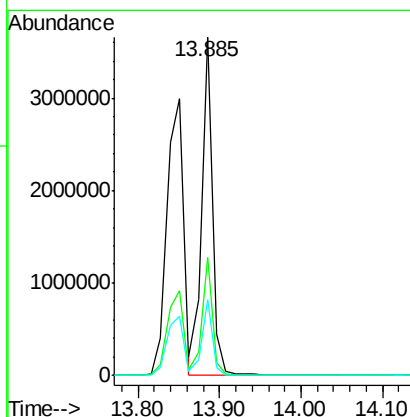
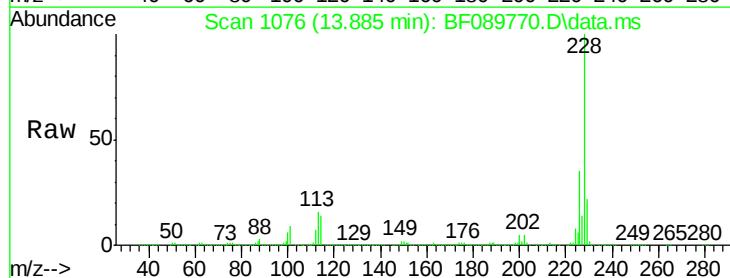
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-7A-9-11MS

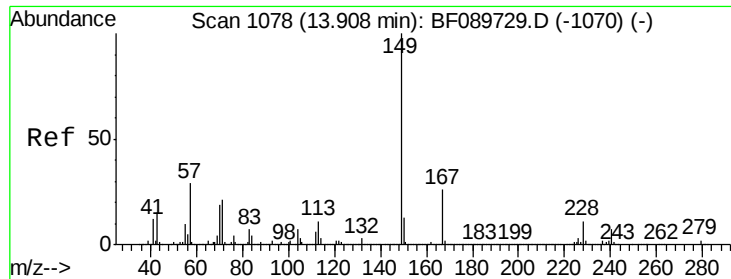
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.6	75.8
126	12.1	12.6	18.8#



#82
 Chrysene
 Concen: 32.82 ng
 RT: 13.885 min Scan# 1076
 Delta R.T. -0.034 min
 Lab File: BF089770.D
 Acq: 17 Aug 2016 18:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.9	25.4	38.0
229	22.3	16.5	24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.82 ng

RT: 13.874 min Scan# 1078

Delta R.T. -0.034 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MS

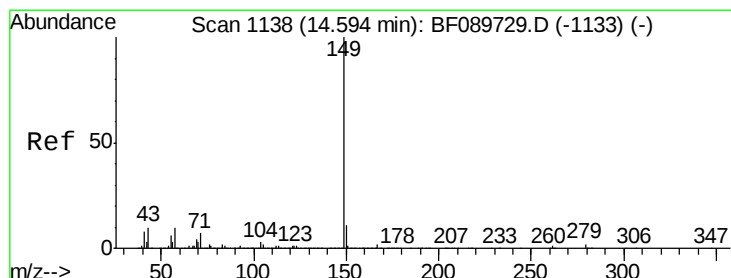
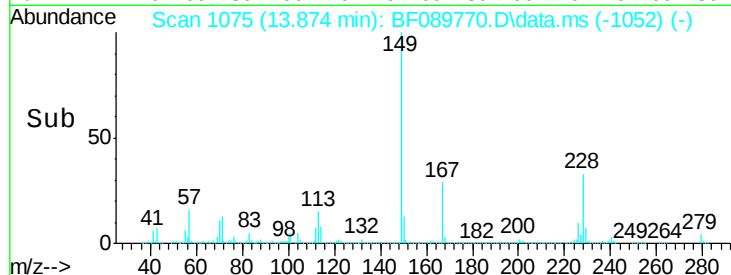
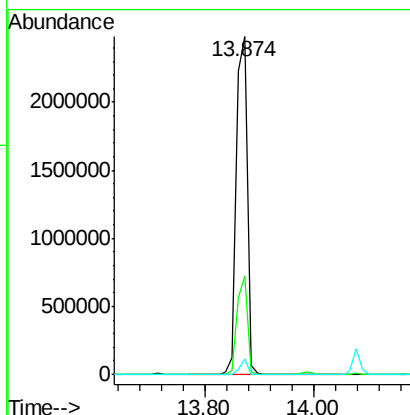
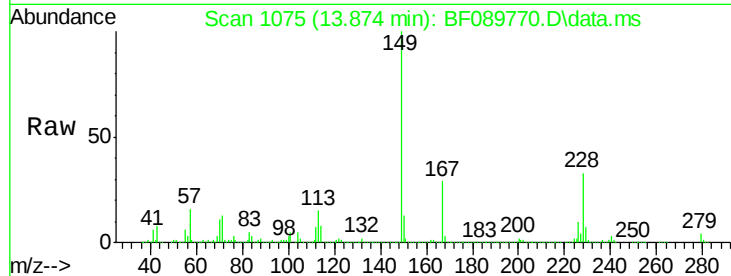
Tot Ion:149 Resp: 3398257

Ion Ratio Lower Upper

149 100

167 29.2 21.2 31.8

279 4.5 2.9 4.3#



#84

Di-n-octyl phthalate

Concen: 38.01 ng

RT: 14.514 min Scan# 1131

Delta R.T. -0.079 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

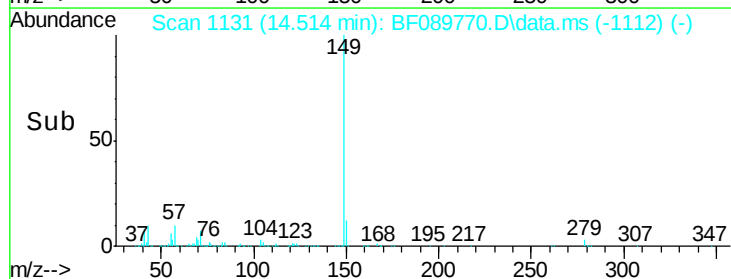
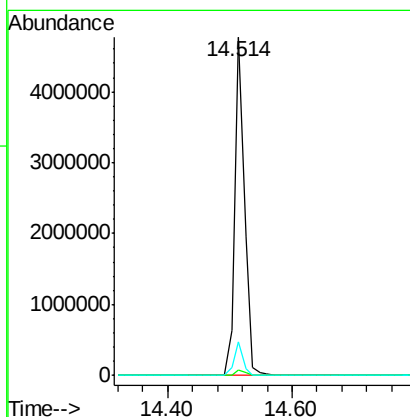
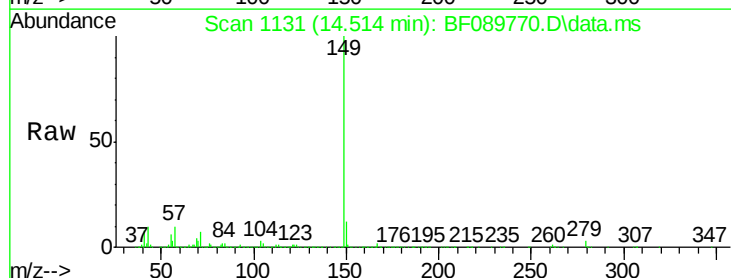
Tgt Ion:149 Resp: 5170864

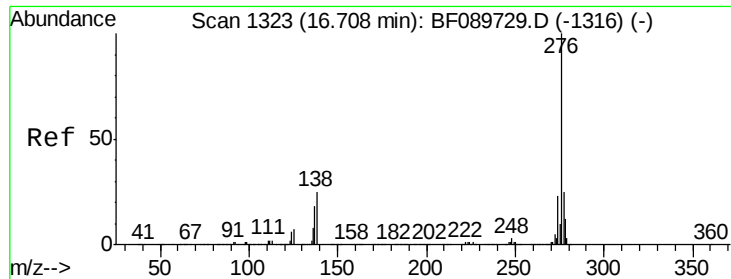
Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 9.1 8.4 12.6

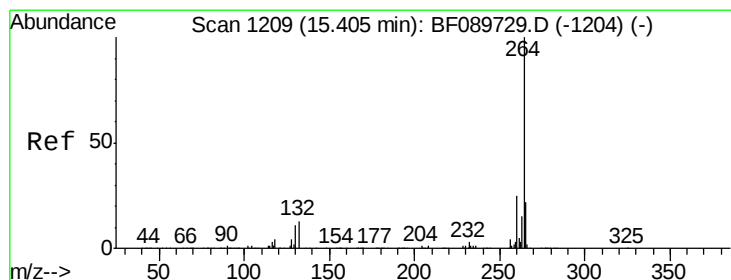
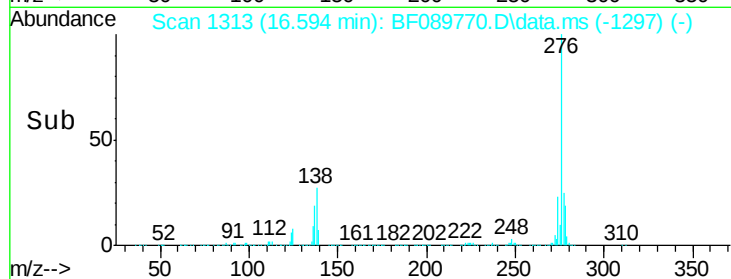
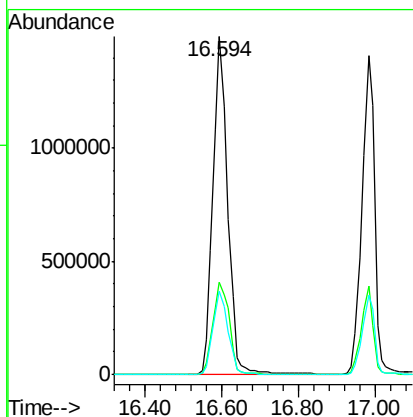
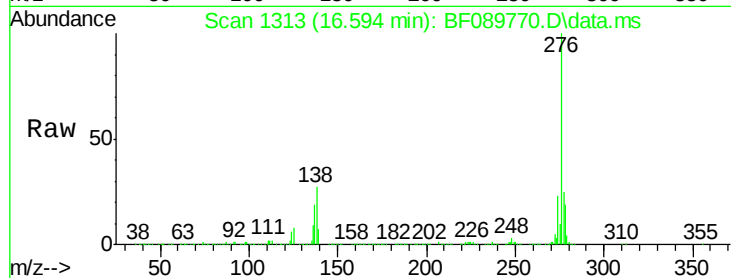




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.30 ng
 RT: 16.594 min Scan# 1313
 Delta R.T. -0.114 min
 Lab File: BF089770.D
 Acq: 17 Aug 2016 18:33

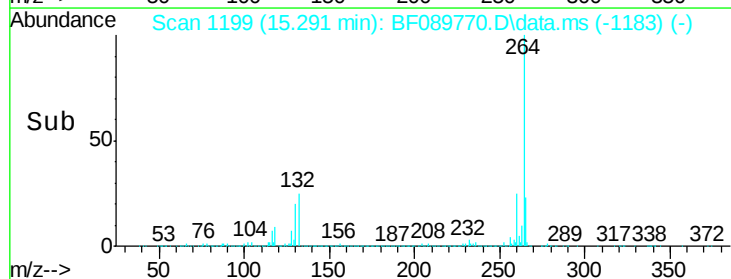
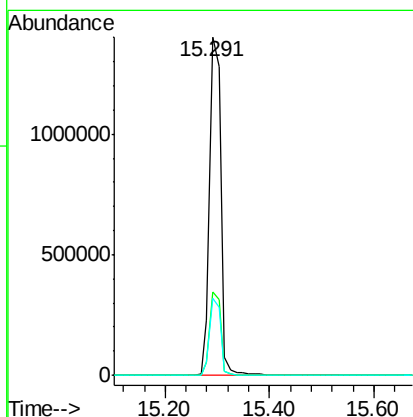
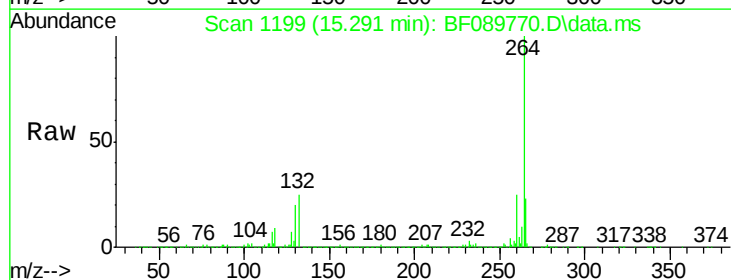
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-7A-9-11MS

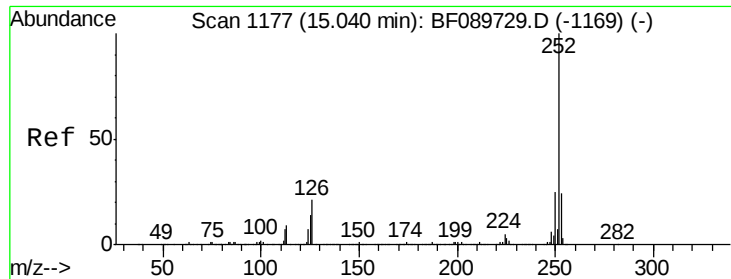
Tot Ion:276 Resp: 3975943
 Ion Ratio Lower Upper
 276 100
 138 30.4 24.6 36.8
 277 25.5 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.291 min Scan# 1199
 Delta R.T. -0.114 min
 Lab File: BF089770.D
 Acq: 17 Aug 2016 18:33

Tgt Ion:264 Resp: 2106092
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.2 30.2
 265 22.8 17.4 26.2

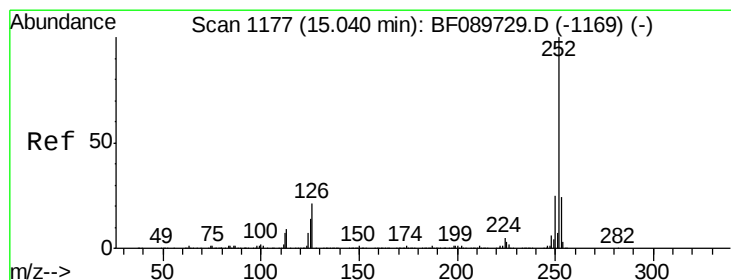
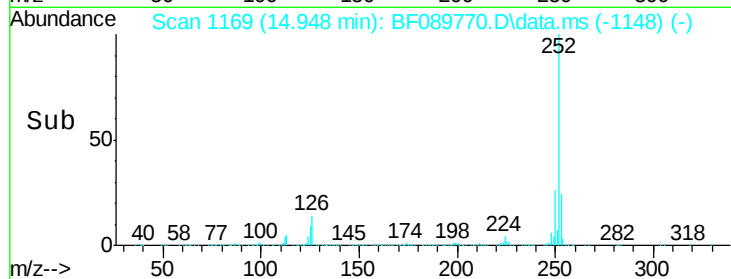
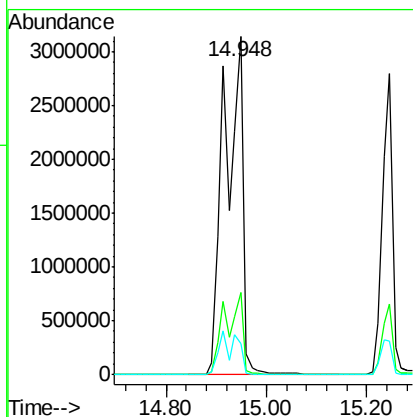
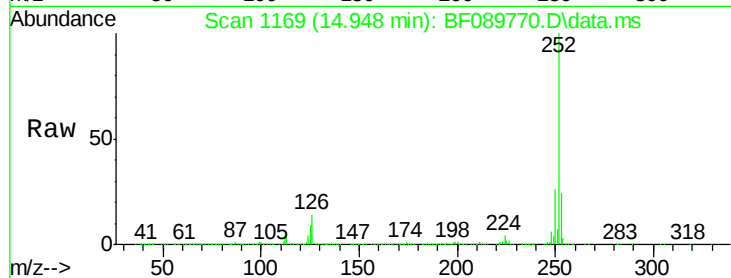




#87
Benzo(b)fluoranthene
Concen: 59.78 ng
RT: 14.948 min Scan# 1169
Delta R.T. -0.057 min
Lab File: BF089770.D
Acq: 17 Aug 2016 18:33

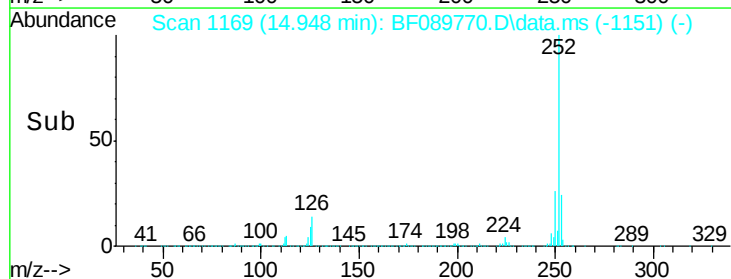
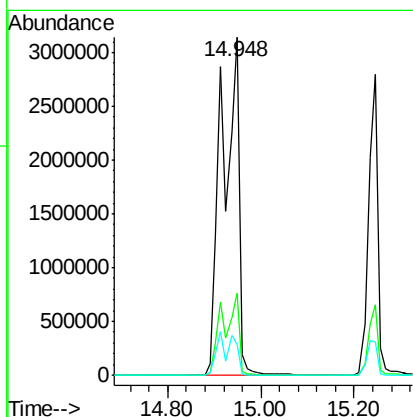
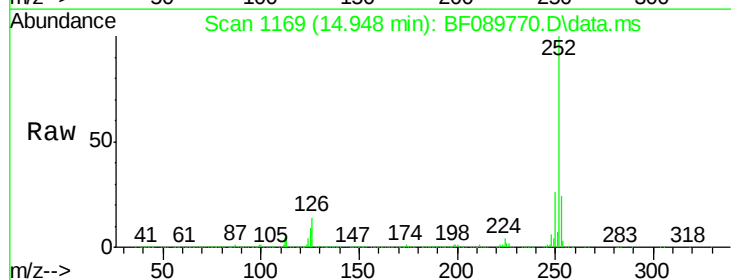
Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11MS

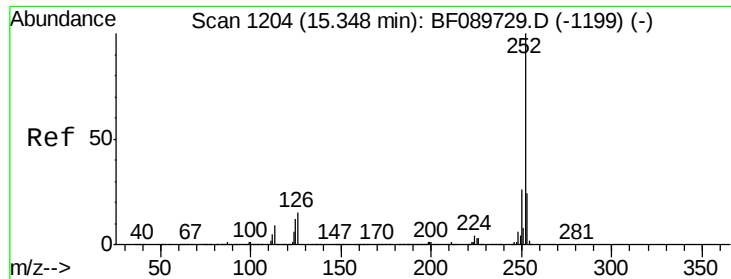
Tot Ion:252 Resp: 7977726
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.8
125 9.2 11.4 17.2#



#88
Benzo(k)fluoranthene
Concen: 72.67 ng
RT: 14.948 min Scan# 1169
Delta R.T. -0.091 min
Lab File: BF089770.D
Acq: 17 Aug 2016 18:33

Tgt Ion:252 Resp: 7982009
Ion Ratio Lower Upper
252 100
253 24.2 18.4 27.6
125 9.2 9.8 14.6#





#89

Benzo(a)pyrene

Concen: 35.78 ng

RT: 15.245 min Scan# 111

Delta R.T. -0.103 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MS

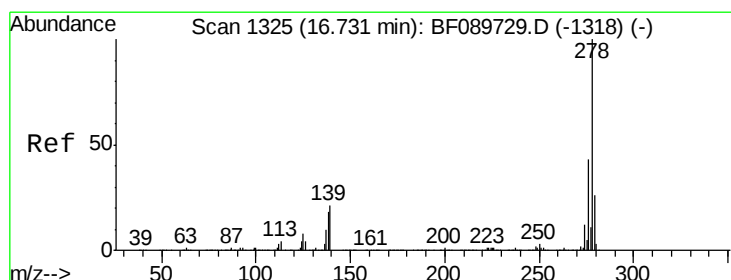
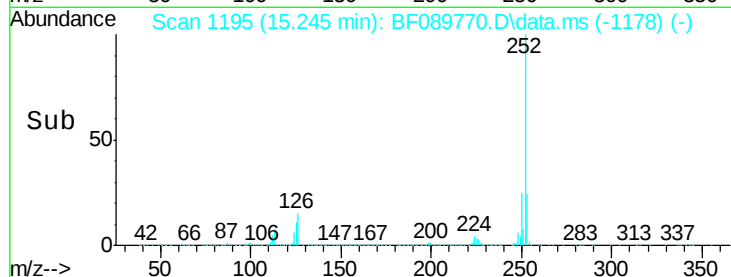
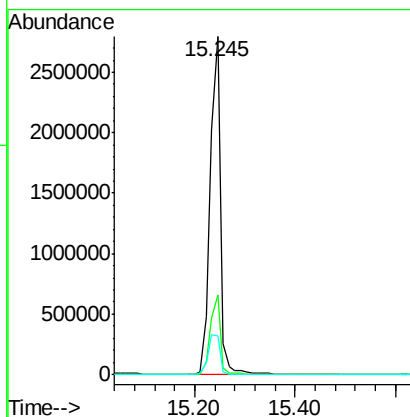
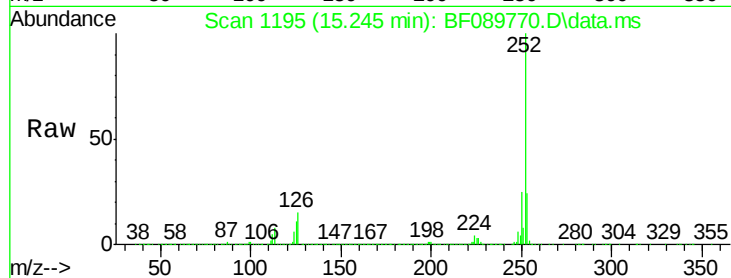
Tot Ion:252 Resp: 3942210

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.8

125 11.3 11.7 17.5#



#90

Dibenzo(a,h)anthracene

Concen: 38.03 ng

RT: 16.617 min Scan# 1315

Delta R.T. -0.114 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

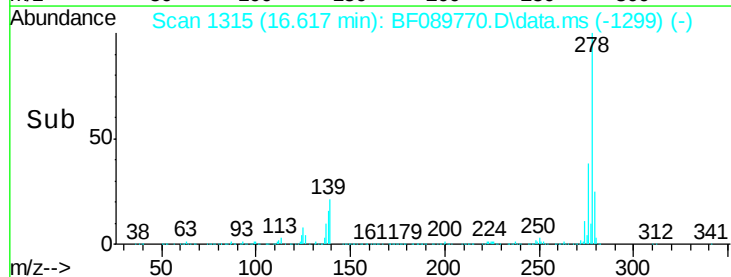
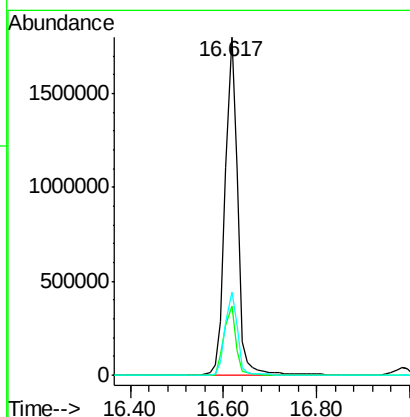
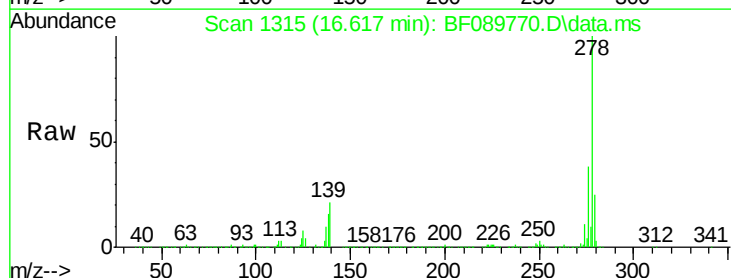
Tgt Ion:278 Resp: 3299151

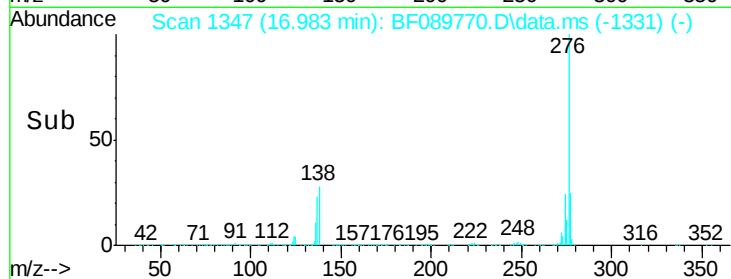
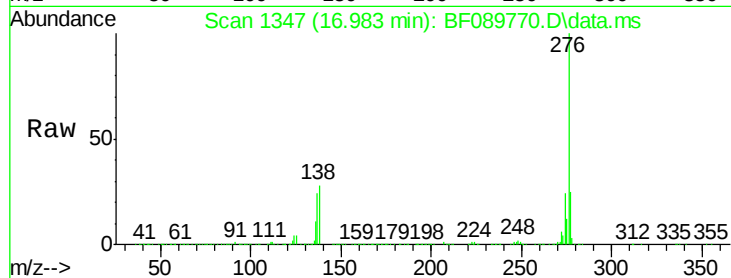
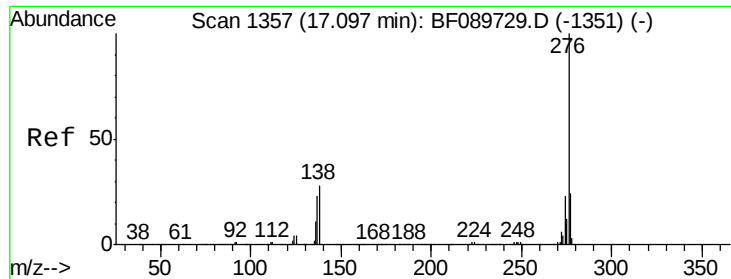
Ion Ratio Lower Upper

278 100

139 20.6 14.9 22.3

279 24.7 19.2 28.8





#91

Benzo(a,h,i)perylene

Concen: 36.48 ng

RT: 16.983 min Scan# 13

Delta R.T. -0.114 min

Lab File: BF089770.D

Acq: 17 Aug 2016 18:33

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11MS

Tot Ion:276 Resp: 3220685

Ion Ratio Lower Upper

276 100

277 25.0 19.2 28.8

138 27.6 22.1 33.1

