

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089465.D
 Acq On : 31 Jul 2016 10:53
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:12:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	49134	20.00	ng	-0.06
21) Naphthalene-d8	7.78	136	210379	20.00	ng	-0.05
38) Acenaphthene-d10	9.53	164	100190	20.00	ng	-0.05
63) Phenanthrene-d10	10.99	188	195292	20.00	ng	-0.06
75) Chrysene-d12	13.61	240	134961	20.00	ng	-0.06
86) Perylene-d12	14.95	264	110458	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	248996	80.92	ng	-0.06
7) Phenol-d6	6.16	99	323573	79.57	ng	-0.05
23) Nitrobenzene-d5	7.07	82	313228	87.88	ng	-0.05
41) 2,4,6-Tribromophenol	10.32	330	67609	81.48	ng	-0.05
44) 2-Fluorobiphenyl	8.87	172	575073	84.24	ng	-0.05
78) Terphenyl-d14	12.58	244	523902	90.85	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.87	88	57831	41.62	ng	97
3) Pyridine	2.46	79	145108	48.20	ng	99
4) n-Nitrosodimethylamine	2.43	42	49657	41.34	ng	97
6) Aniline	6.16	93	207439	47.24	ng	96
8) 2-Chlorophenol	6.27	128	139102	39.96	ng	86
9) Benzaldehyde	6.03	77	55209	27.80	ng	93
10) Phenol	6.17	94	196275	43.74	ng	90
11) bis(2-Chloroethyl)ether	6.24	93	147530	38.69	ng	90
12) 1,3-Dichlorobenzene	6.51	146	145345	39.92	ng	94
13) 1,4-Dichlorobenzene	6.51	146	158573	39.47	ng	96
14) 1,2-Dichlorobenzene	6.66	146	154375	41.01	ng	95
15) Benzyl Alcohol	6.66	79	108486	42.99	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.79	45	165538	39.80	ng	99
17) 2-Methylphenol	6.79	107	99768	37.08	ng	# 90
18) Hexachloroethane	7.00	117	61886	40.17	ng	# 82
19) n-Nitroso-di-n-propylamine	6.94	70	106572	43.46	ng	99
20) 3+4-Methylphenols	6.95	107	139343	40.33	ng	# 85
22) Acetophenone	6.92	105	217541	43.43	ng	# 98
24) Nitrobenzene	7.10	77	148185	36.53	ng	93
25) Isophorone	7.34	82	285084	39.71	ng	99
26) 2-Nitrophenol	7.40	139	73930	40.76	ng	# 79
27) 2,4-Dimethylphenol	7.46	122	118426	40.99	ng	99
28) bis(2-Chloroethoxy)methane	7.55	93	180123	45.32	ng	99
29) 2,4-Dichlorophenol	7.66	162	118556	45.03	ng	98
30) 1,2,4-Trichlorobenzene	7.72	180	122155	40.67	ng	# 95
31) Naphthalene	7.80	128	432881	41.55	ng	100
32) Benzoic acid	7.63	122	86243	42.84	ng	91
33) 4-Chloroaniline	7.87	127	170715	43.04	ng	98
34) Hexachlorobutadiene	7.93	225	67941	39.49	ng	97
35) Caprolactam	8.25	113	34566	43.50	ng	93
36) 4-Chloro-3-methylphenol	8.36	107	137307	43.88	ng	98
37) 2-Methylnaphthalene	8.49	142	256363	40.84	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	143702	40.99	ng	99
40) Hexachlorocyclopentadiene	8.65	237	32680	37.97	ng	98

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Quant Time: Aug 01 01:12:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

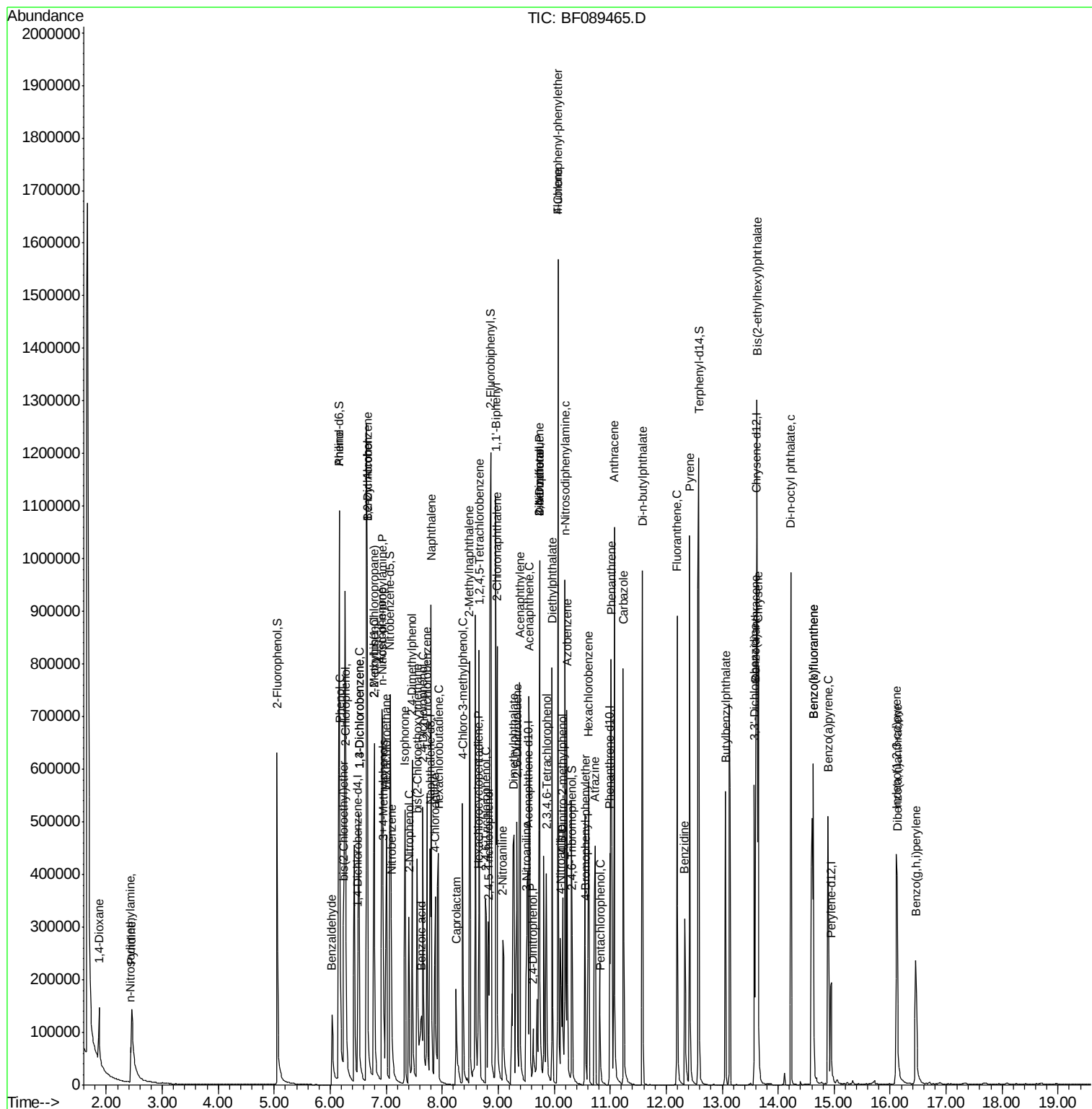
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	71952	43.16	nq	99
43) 2,4,5-Trichlorophenol	8.83	196	86205	40.83	nq	100
45) 1,1'-Biphenyl	8.96	154	353314	41.42	nq	98
46) 2-Chloronaphthalene	8.98	162	275689	43.03	nq	96
47) 2-Nitroaniline	9.08	65	88141	46.46	nq	# 68
48) Acenaphthylene	9.38	152	397074	39.35	nq	99
49) Dimethylphthalate	9.28	163	305818	40.11	nq	99
50) 2,6-Dinitrotoluene	9.34	165	68004	43.41	nq	97
51) Acenaphthene	9.55	154	232509	39.46	nq	99
52) 3-Nitroaniline	9.51	138	77559	46.91	nq	97
53) 2,4-Dinitrophenol	9.62	184	20710	40.10	nq	91
54) Dibenzofuran	9.74	168	321196	40.00	nq	95
55) 4-Nitrophenol	9.74	139	182064	214.81	nq	# 11
56) 2,4-Dinitrotoluene	9.74	165	87244	42.30	nq	92
57) Fluorene	10.07	166	264165	37.69	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.86	232	64819	45.98	nq	97
59) Diethylphthalate	9.96	149	291288	37.68	nq	99
60) 4-Chlorophenyl-phenylether	10.07	204	126059	39.21	nq	# 81
61) 4-Nitroaniline	10.11	138	75635	44.38	nq	98
62) Azobenzene	10.23	77	328876	41.31	nq	94
64) 4,6-Dinitro-2-methylphenol	10.15	198	48095	41.45	nq	93
65) n-Nitrosodiphenylamine	10.19	169	255591	41.94	nq	99
66) 4-Bromophenyl-phenylether	10.56	248	73298	39.31	nq	# 90
67) Hexachlorobenzene	10.62	284	80407	42.08	nq	# 80
68) Atrazine	10.73	200	80902	43.22	nq	98
69) Pentachlorophenol	10.82	266	34793	40.80	nq	99
70) Phenanthrene	11.02	178	385748	38.30	nq	99
71) Anthracene	11.07	178	456476	40.76	nq	99
72) Carbazole	11.23	167	386954	41.05	nq	98
73) Di-n-butylphthalate	11.58	149	484155	38.28	nq	99
74) Fluoranthene	12.19	202	412538	38.94	nq	95
76) Benzidine	12.33	184	180135	36.12	nq	98
77) Pyrene	12.42	202	445822	43.59	nq	100
79) Butylbenzylphthalate	13.06	149	203964	43.86	nq	# 82
80) Benzo(a)anthracene	13.60	228	323920	42.53	nq	100
81) 3,3'-Dichlorobenzidine	13.58	252	118610	43.28	nq	# 97
82) Chrysene	13.65	228	347107	42.81	nq	99
83) Bis(2-ethylhexyl)phthalate	13.62	149	286848	42.67	nq	# 97
84) Di-n-octyl phthalate	14.23	149	465556	44.38	nq	98
85) Indeno(1,2,3-cd)pyrene	16.11	276	216885	37.63	nq	99
87) Benzo(b)fluoranthene	14.63	252	562285	81.97	nq	# 97
88) Benzo(k)fluoranthene	14.63	252	562624	89.21	nq	# 95
89) Benzo(a)pyrene	14.89	252	242894	39.47	nq	99
90) Dibenzo(a,h)anthracene	16.13	278	191093	39.42	nq	96
91) Benzo(g,h,i)perylene	16.46	276	187382	39.32	nq	99

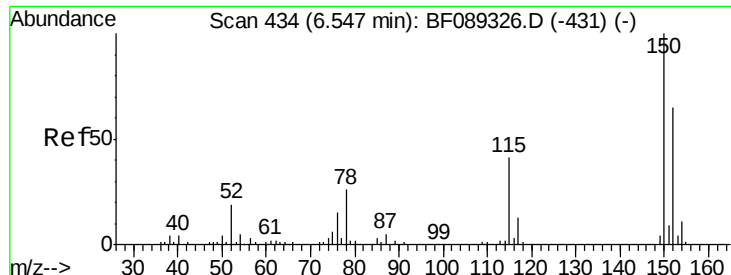
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF089465.D  
Acq On    : 31 Jul 2016   10:53  
Operator  : UM/SJ  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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Instrument :
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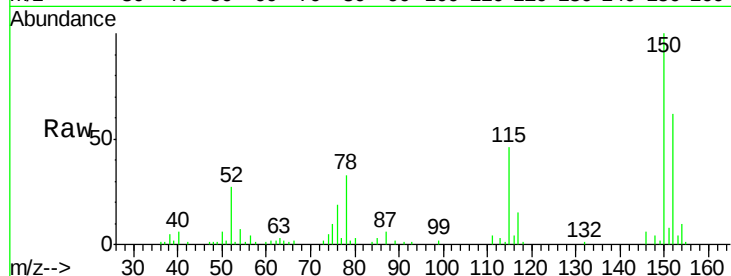




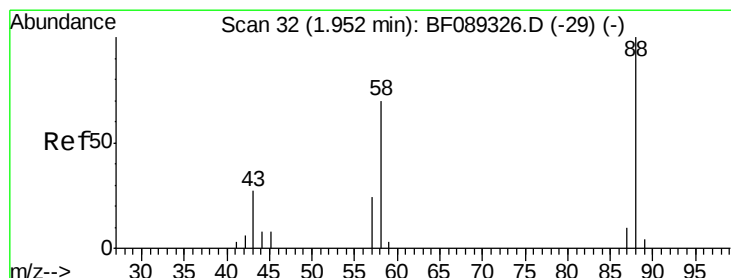
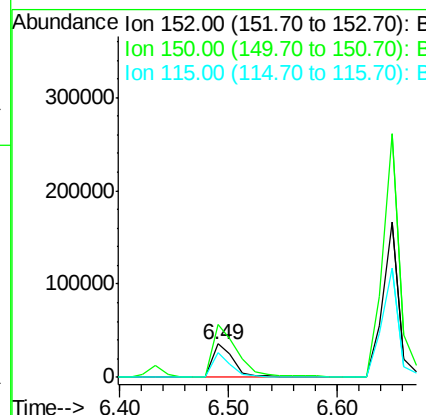
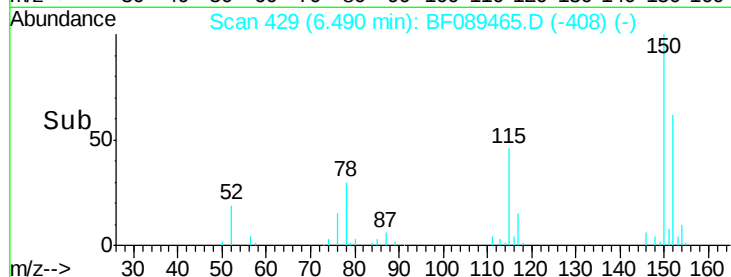
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.49 min Scan# 429
 Delta R.T. -0.06 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 49134
 Ion Ratio Lower Upper
 152 100
 150 160.6 129.5 194.3
 115 74.1 51.4 77.2

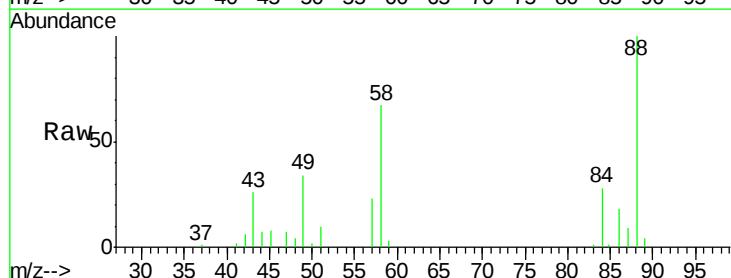


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

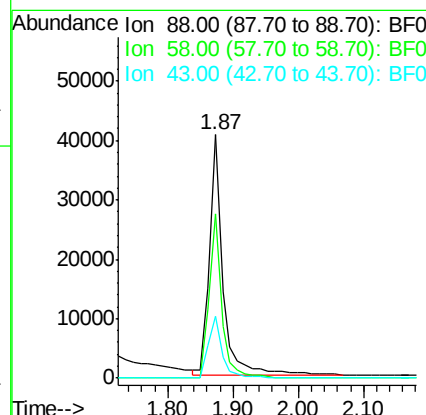
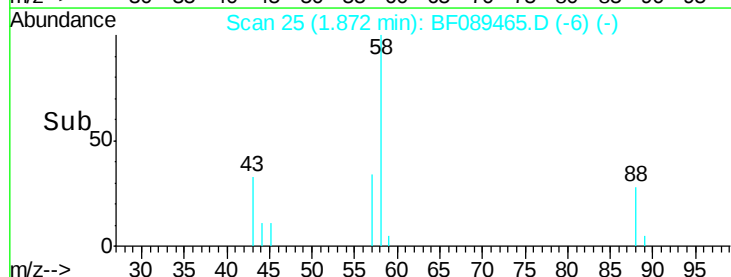


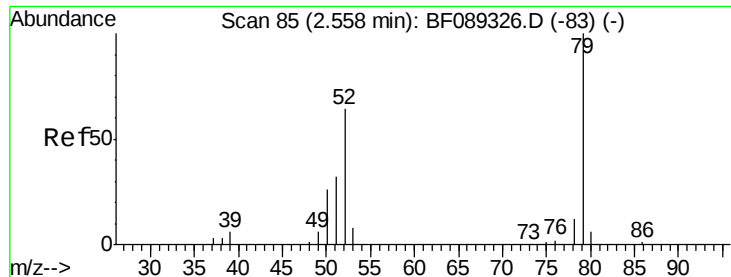
#2
 1,4-Dioxane
 Concen: 41.62 ng
 RT: 1.87 min Scan# 25
 Delta R.T. -0.08 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

Tgt Ion: 88 Resp: 57831
 Ion Ratio Lower Upper
 88 100
 58 64.1 53.2 79.8
 43 26.7 20.6 31.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 48.20 ng

RT: 2.46 min Scan# 76

Delta R.T. -0.11 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

Instrument :

BNA_F

ClientSampled :

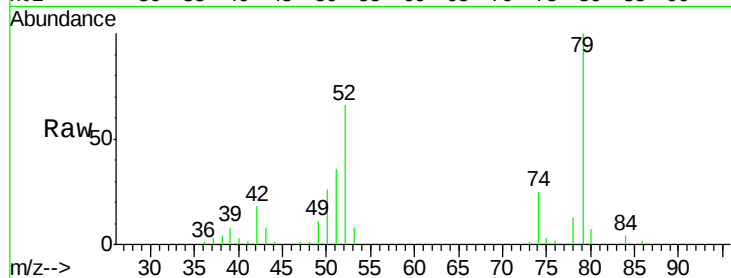
Tot Ion: 79 Resp: 145108

Ion Ratio Lower Upper

79 100

52 66.2 51.9 77.9

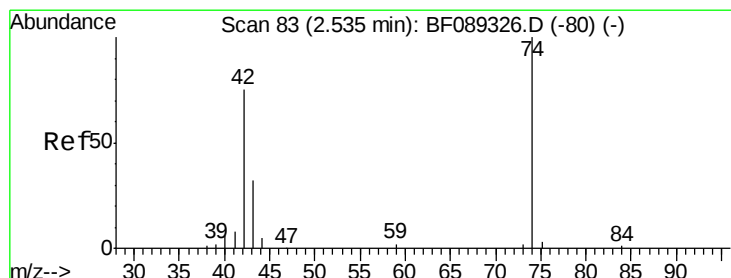
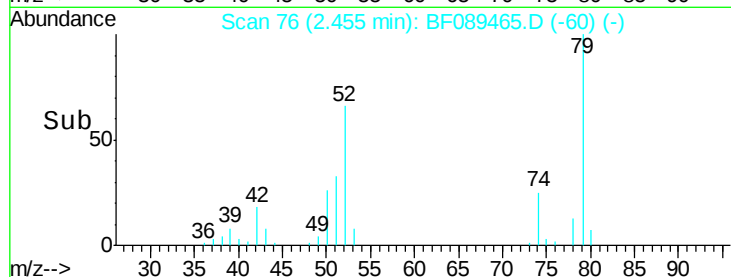
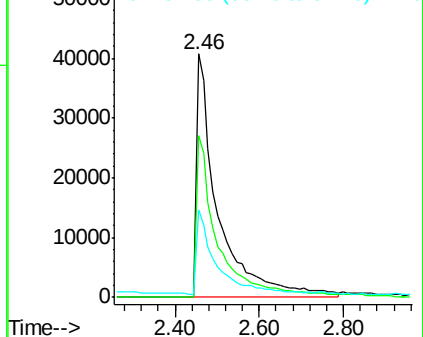
51 35.7 28.2 42.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.34 ng

RT: 2.43 min Scan# 74

Delta R.T. -0.10 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

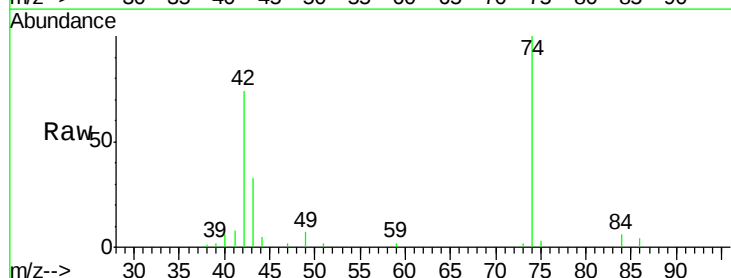
Tgt Ion: 42 Resp: 49657

Ion Ratio Lower Upper

42 100

74 135.0 110.8 166.2

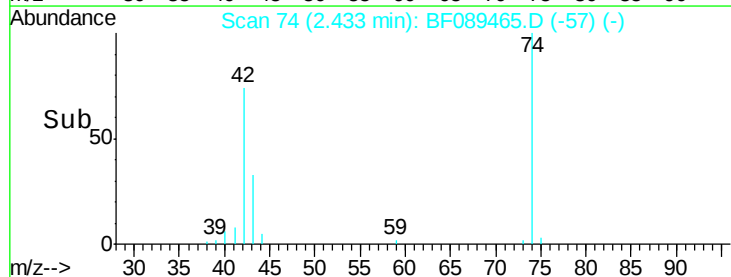
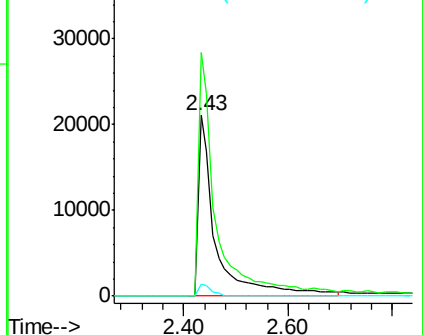
44 7.0 5.2 7.8

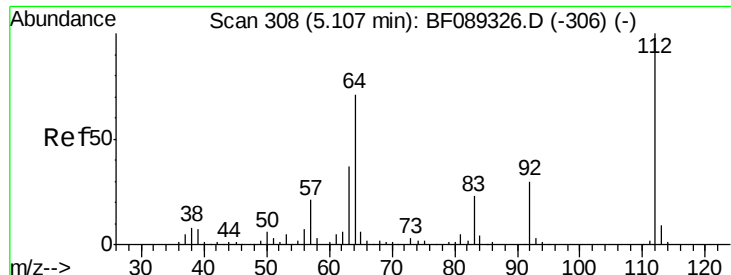


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 80.92 ng

RT: 5.05 min Scan# 303

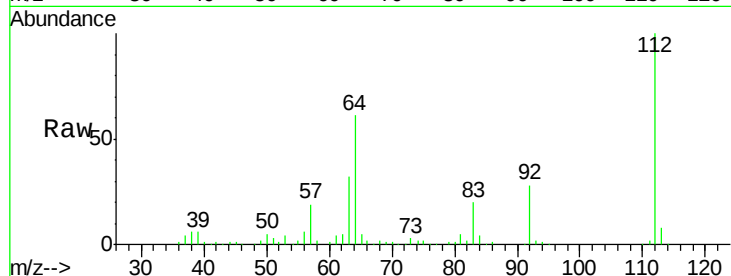
Delta R.T. -0.06 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

Instrument :
BNA_F
ClientSampled :

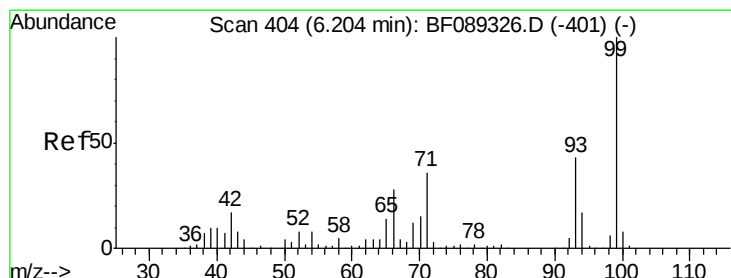
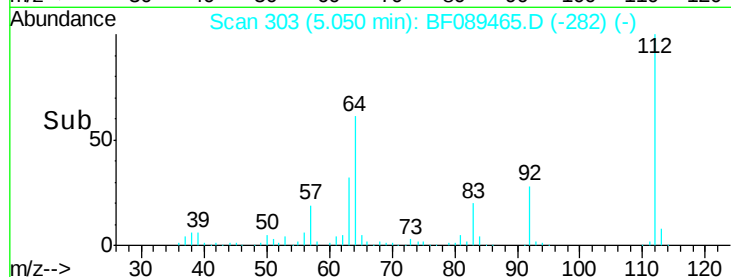
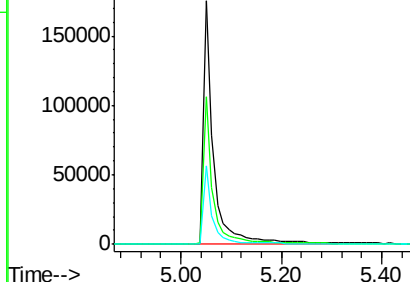
Tot Ion:	112	Resp:	248996
Ion	Ratio	Lower	Upper
112	100		
64	60.8	55.0	82.6
63	32.2	29.4	44.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 47.24 ng

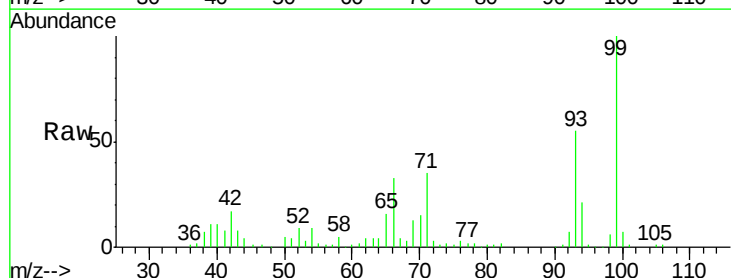
RT: 6.16 min Scan# 400

Delta R.T. -0.05 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

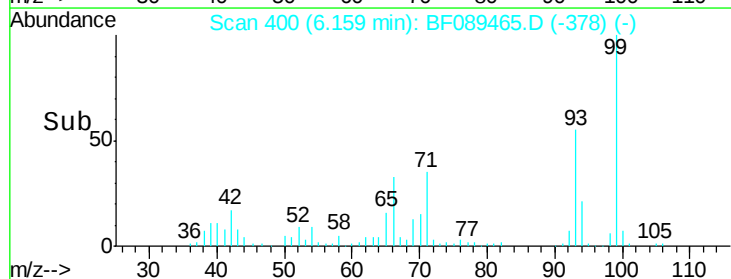
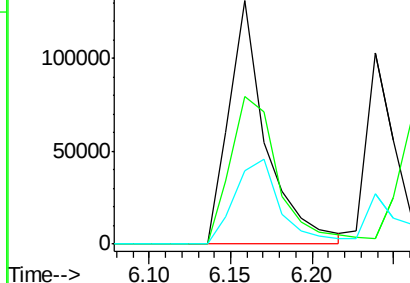
Tgt Ion:	93	Resp:	207439
Ion	Ratio	Lower	Upper
93	100		
66	60.5	51.6	77.4
65	29.9	24.7	37.1

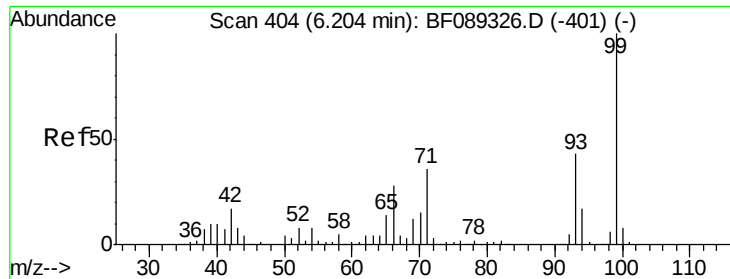


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.57 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.05 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

Instrument :

BNA_F

ClientSampleId :

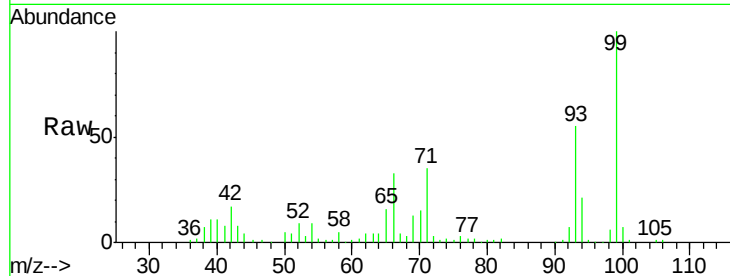
Tot Ion: 99 Resp: 323573

Ion Ratio Lower Upper

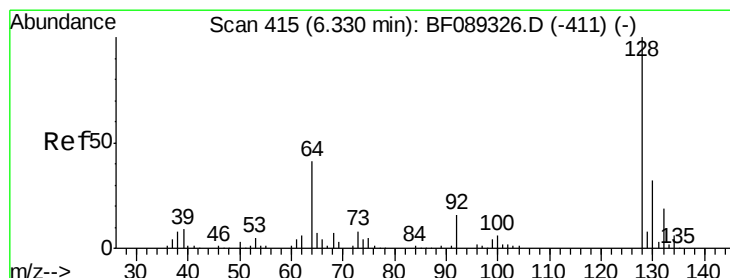
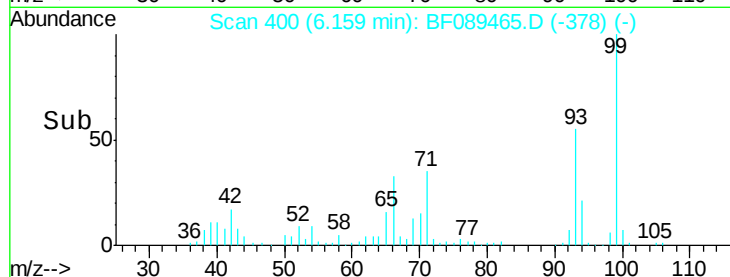
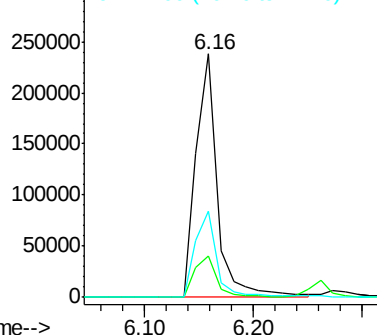
99 100

42 16.9 13.6 20.4

71 35.4 29.4 44.2



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



#8

2-Chlorophenol

Concen: 39.96 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.06 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

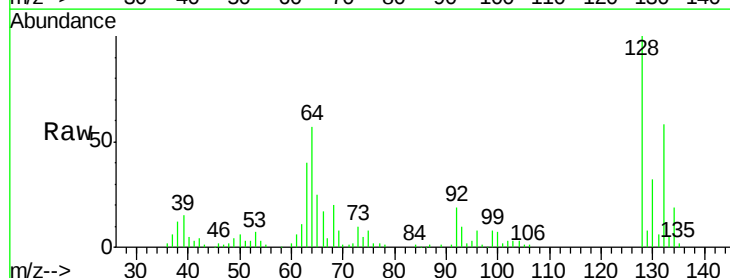
Tgt Ion: 128 Resp: 139102

Ion Ratio Lower Upper

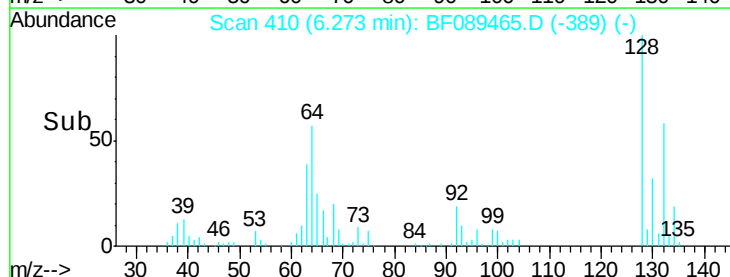
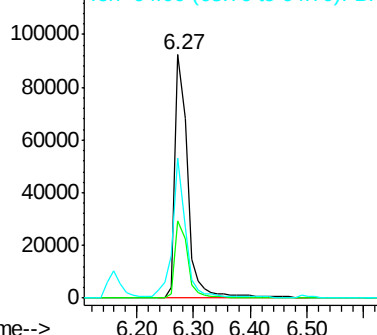
128 100

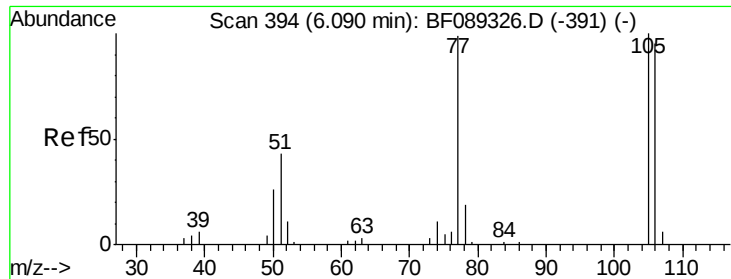
130 31.5 12.6 52.6

64 57.3 22.1 62.1



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





#9

Benzaldehyde

Concen: 27.80 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.06 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

Instrument :

BNA_F

ClientSampled :

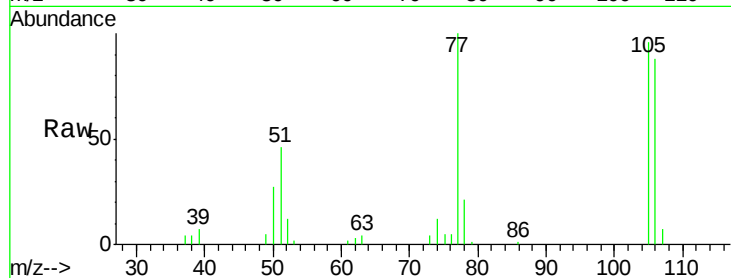
Tot Ion: 77 Resp: 55209

Ion Ratio Lower Upper

77 100

105 96.0 82.9 122.9

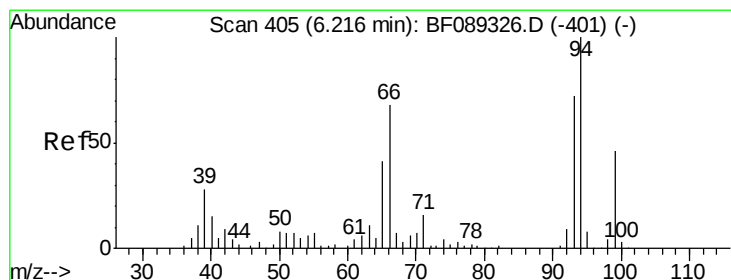
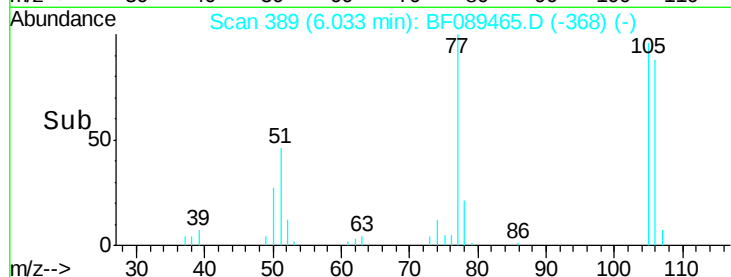
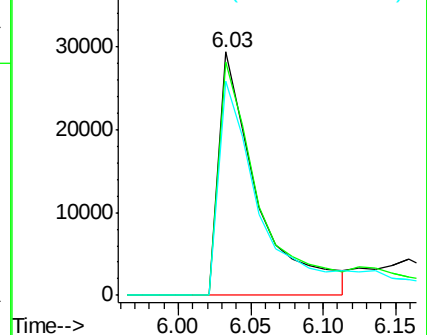
106 88.0 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.74 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

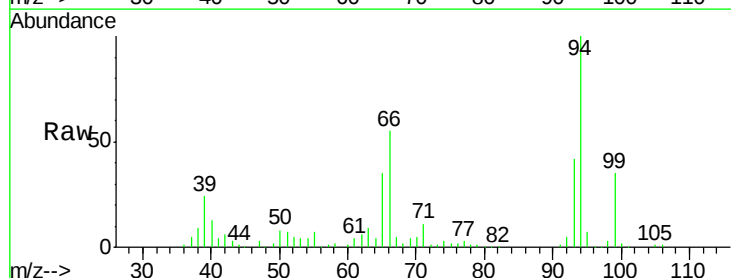
Tgt Ion: 94 Resp: 196275

Ion Ratio Lower Upper

94 100

65 34.9 19.1 59.1

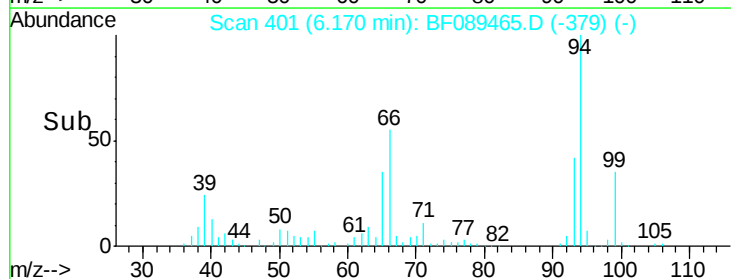
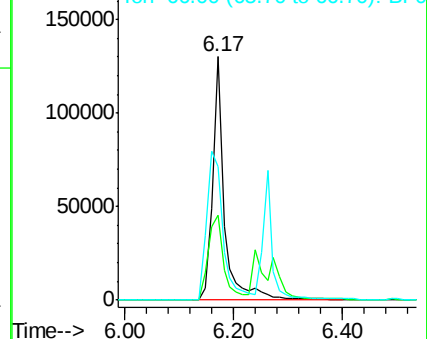
66 54.9 44.4 84.4



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

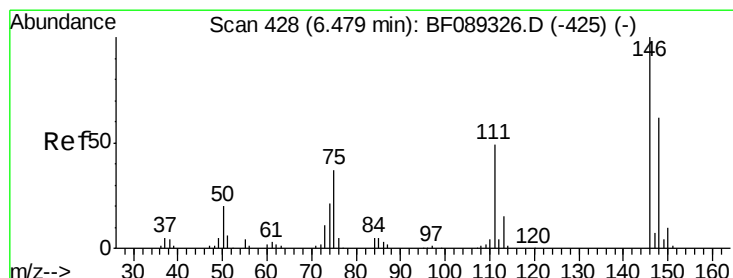
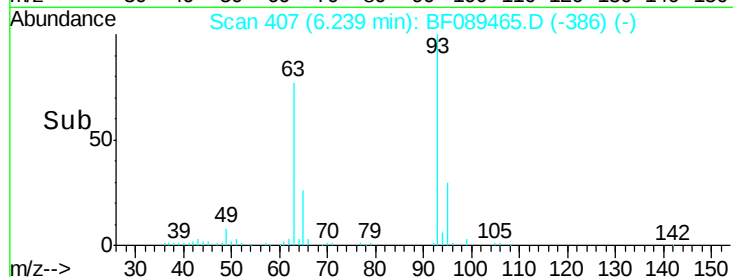
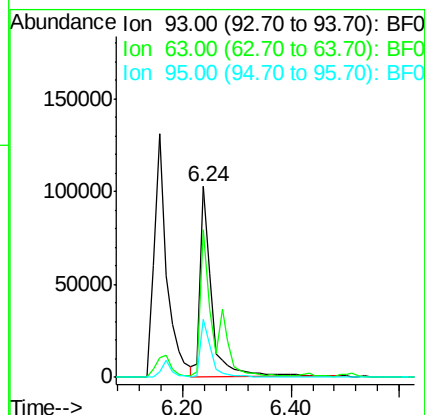
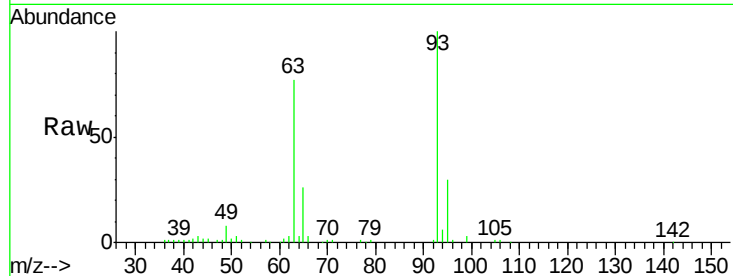




#11
bis(2-Chloroethyl)ether
Concen: 38.69 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.06 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

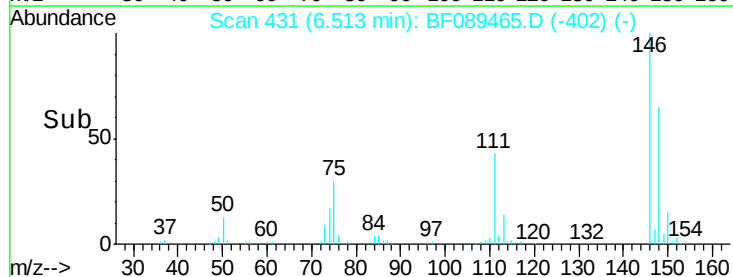
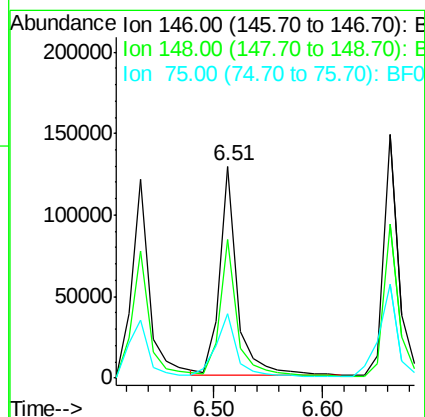
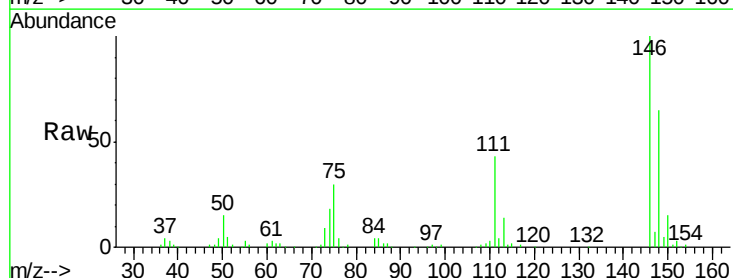
Instrument :
BNA_F
ClientSampleId :

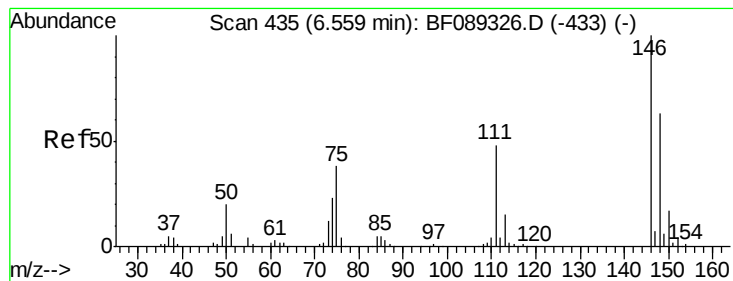
Tot Ion: 93 Resp: 147530
Ion Ratio Lower Upper
93 100
63 77.3 45.6 85.6
95 30.4 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 39.92 ng
RT: 6.51 min Scan# 431
Delta R.T. 0.03 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

Tgt Ion: 146 Resp: 145345
Ion Ratio Lower Upper
146 100
148 65.3 50.5 75.7
75 30.3 30.0 45.0





#13

1,4-Dichlorobenzene

Concen: 39.47 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

Instrument :

BNA_F

ClientSampleId :

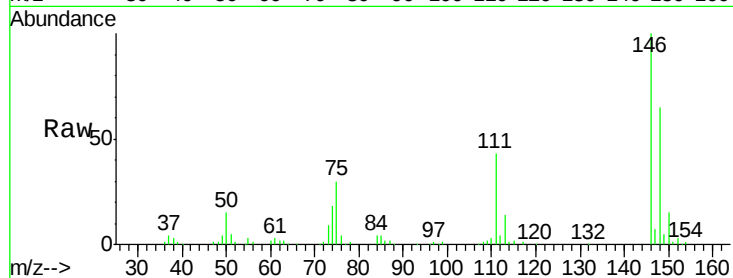
Tot Ion:146 Resp: 158573

Ion Ratio Lower Upper

146 100

148 65.3 50.8 76.2

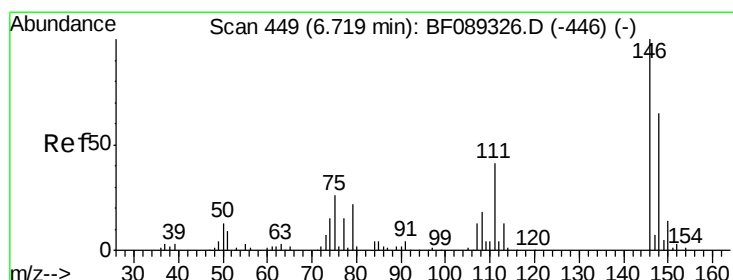
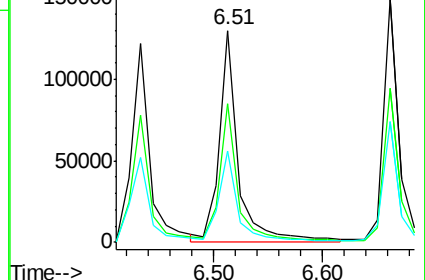
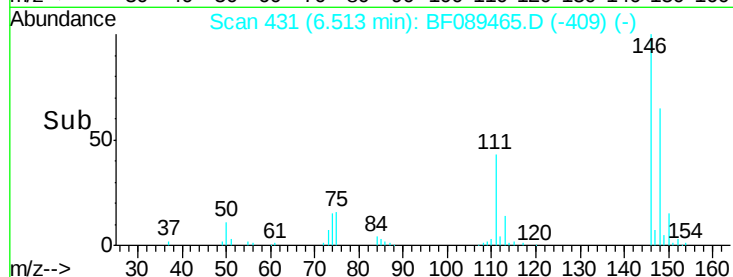
111 43.3 38.6 57.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.01 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.06 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

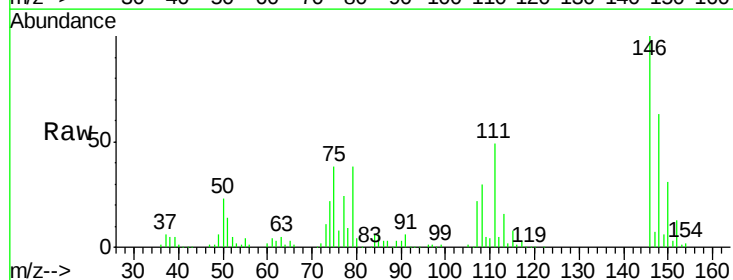
Tgt Ion:146 Resp: 154375

Ion Ratio Lower Upper

146 100

148 63.4 50.4 75.6

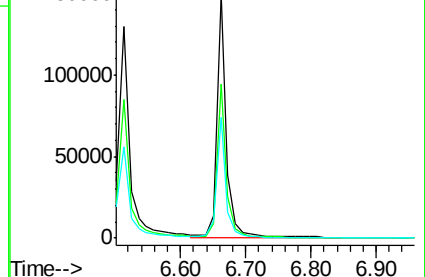
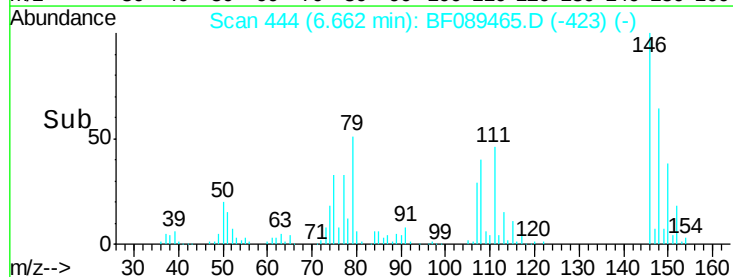
111 49.4 33.0 49.4

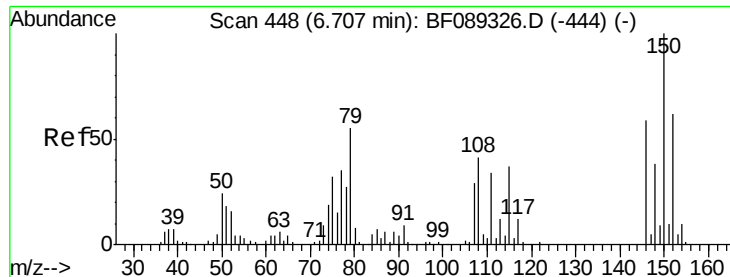


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

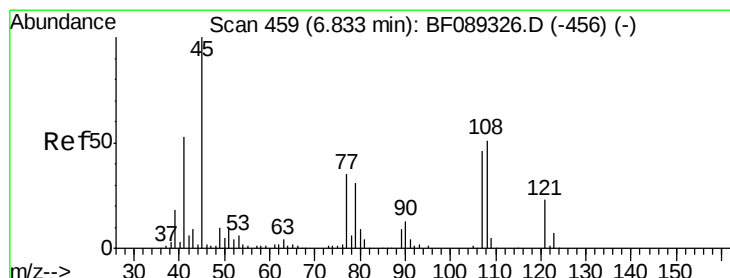
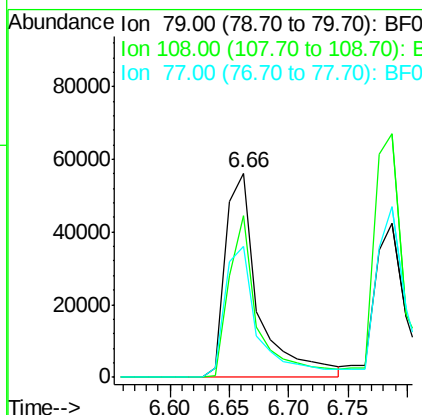
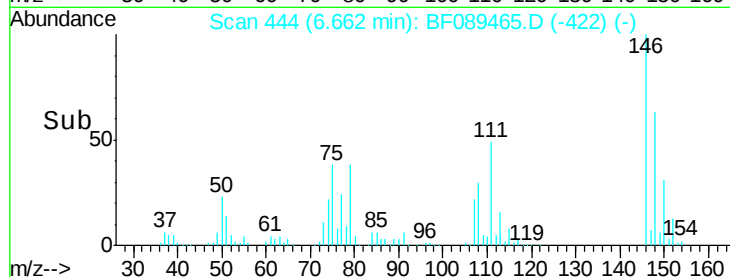
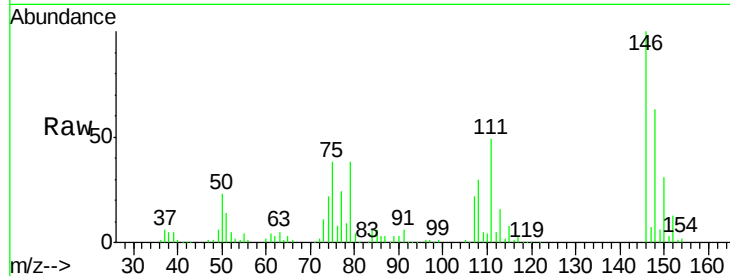




#15
Benzyl Alcohol
Concen: 42.99 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.05 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

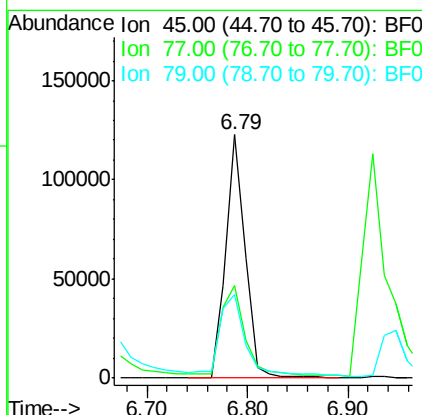
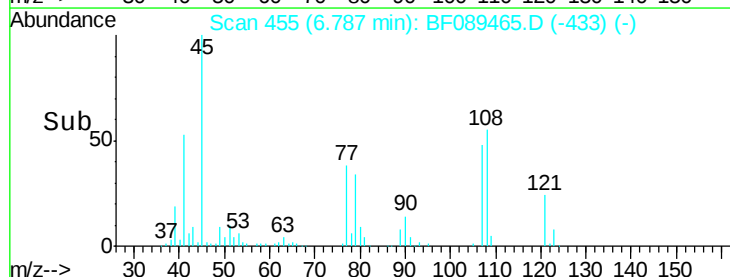
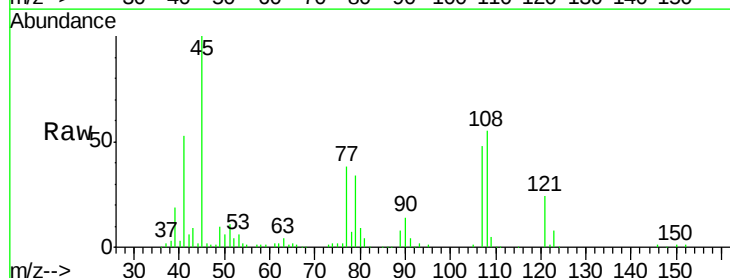
Instrument :
BNA_F
ClientSampleId :

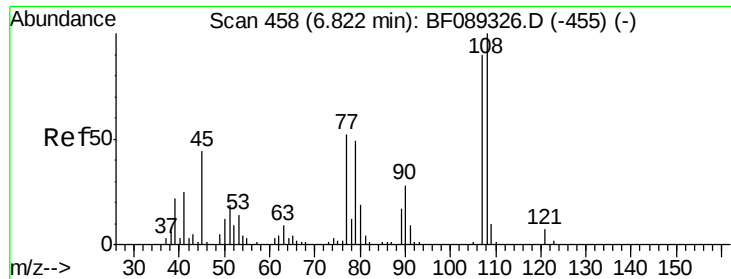
Tot Ion: 79 Resp: 108486
Ion Ratio Lower Upper
79 100
108 79.3 59.8 89.6
77 64.0 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.80 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.05 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

Tgt Ion: 45 Resp: 165538
Ion Ratio Lower Upper
45 100
77 38.2 17.3 57.3
79 34.4 13.9 53.9

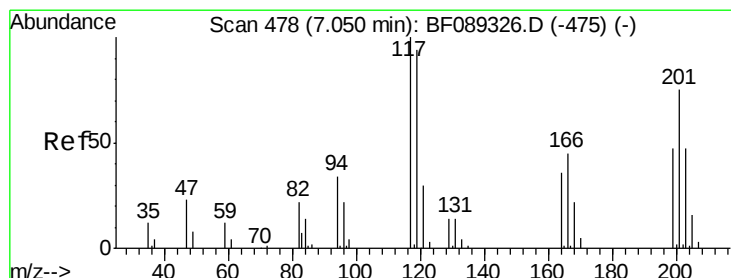
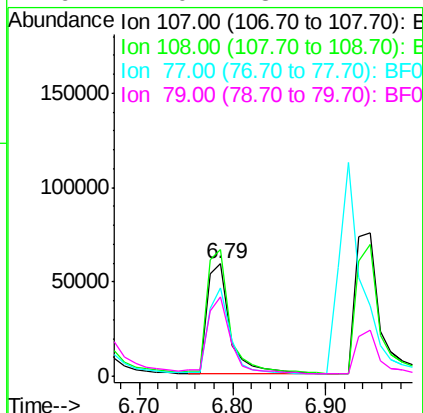
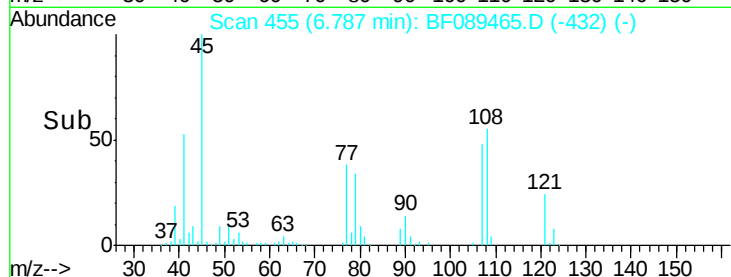
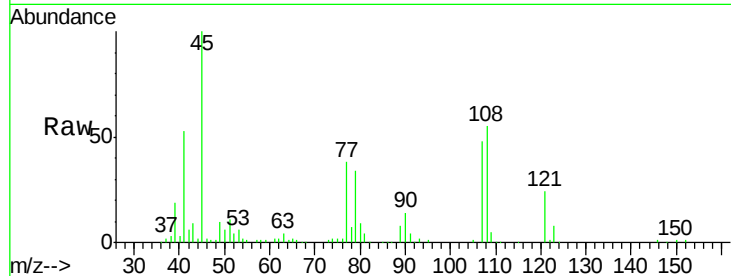




#17
2-Methylphenol
Concen: 37.08 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

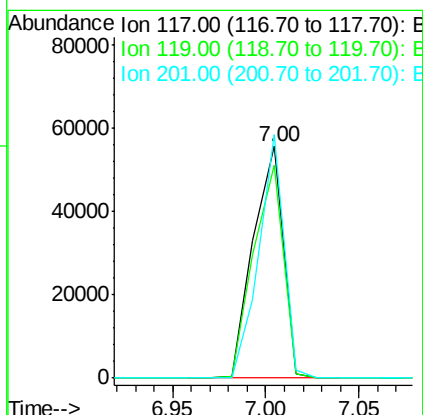
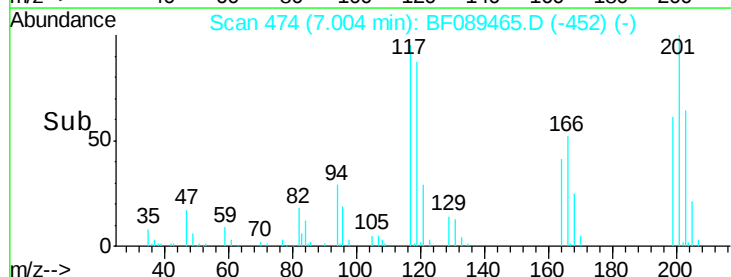
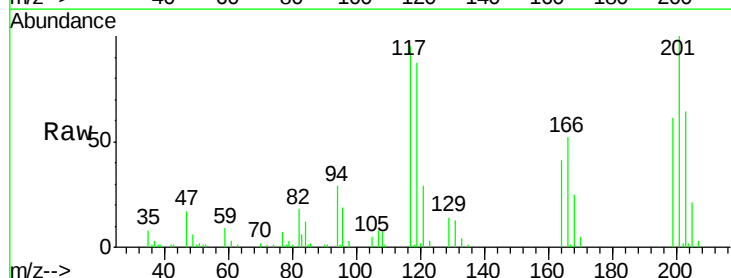
Instrument :
BNA_F
ClientSampleId :

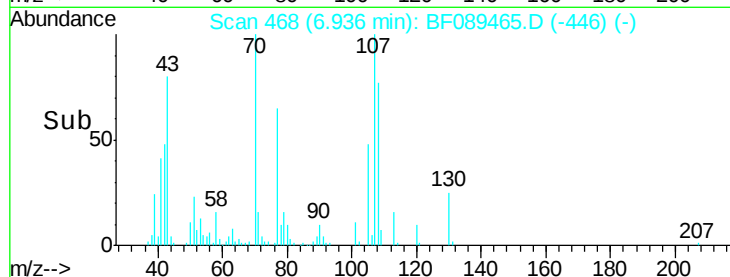
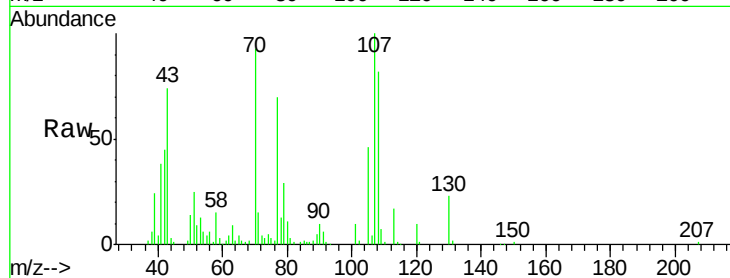
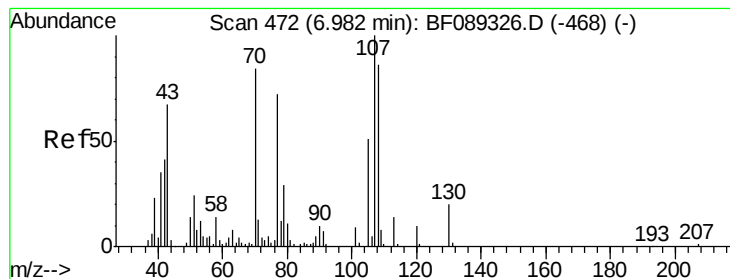
Tot Ion:107 Resp: 99768
Ion Ratio Lower Upper
107 100
108 112.6 91.4 137.0
77 78.8 48.6 73.0#
79 71.0 48.2 72.4



#18
Hexachloroethane
Concen: 40.17 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.05 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

Tgt Ion:117 Resp: 61886
Ion Ratio Lower Upper
117 100
119 91.6 76.0 114.0
201 105.1 60.0 90.0#





#19

n-Nitroso-di-n-propylamine

Concen: 43.46 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.05 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 106572

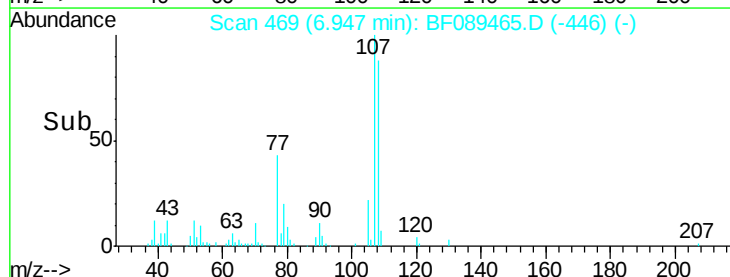
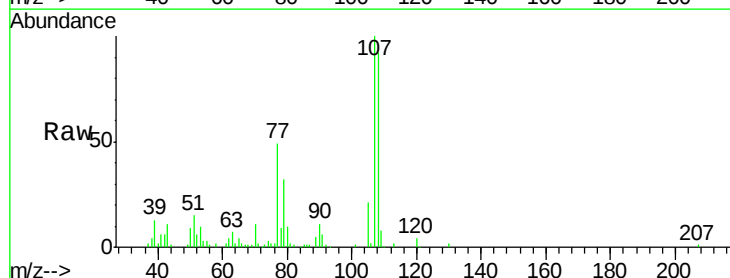
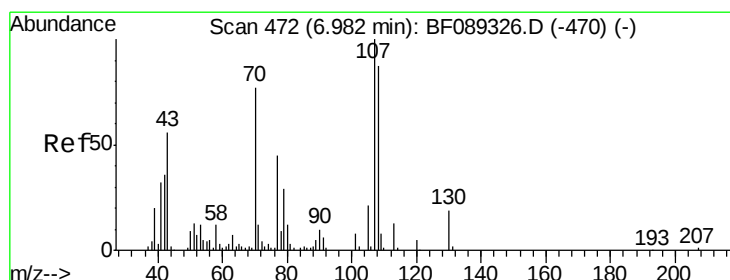
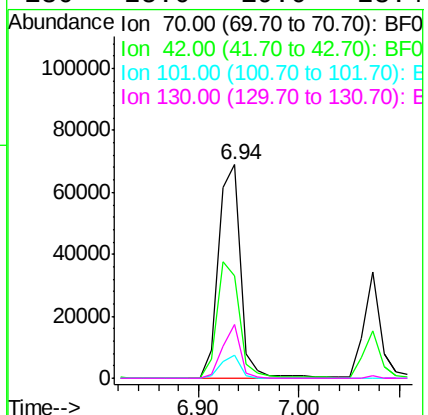
Ion Ratio Lower Upper

70 100

42 47.9 38.6 57.8

101 10.9 8.3 12.5

130 25.0 19.0 28.4



#20

3+4-Methylphenols

Concen: 40.33 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.03 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

Tgt Ion: 107 Resp: 139343

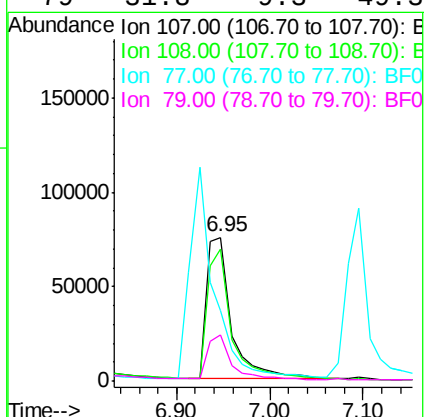
Ion Ratio Lower Upper

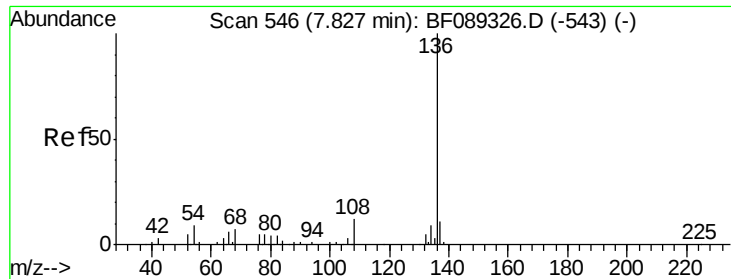
107 100

108 91.5 63.3 103.3

77 49.3 51.1 91.1#

79 31.8 9.3 49.3

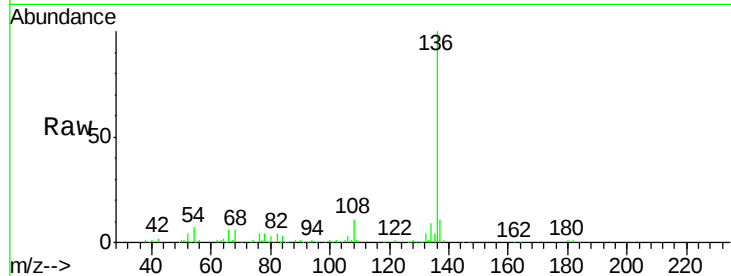




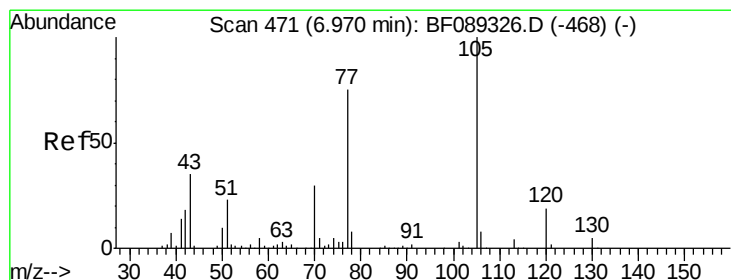
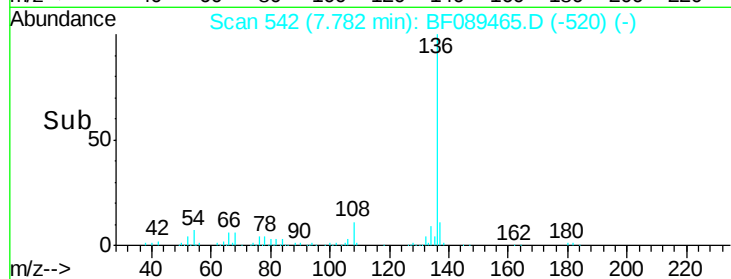
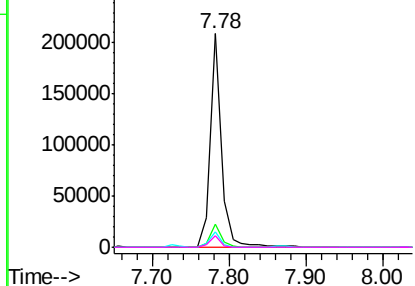
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.05 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	210379
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.6 13.0
54	7.5	7.0 10.4
68	5.7	4.9 7.3

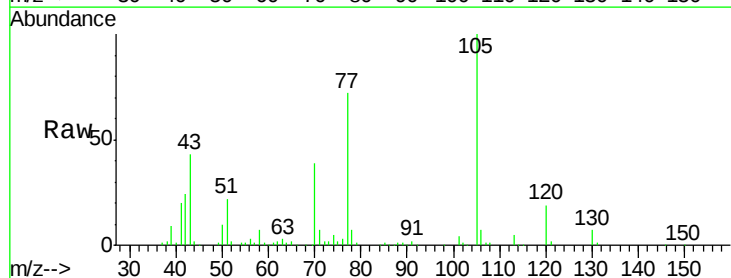


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

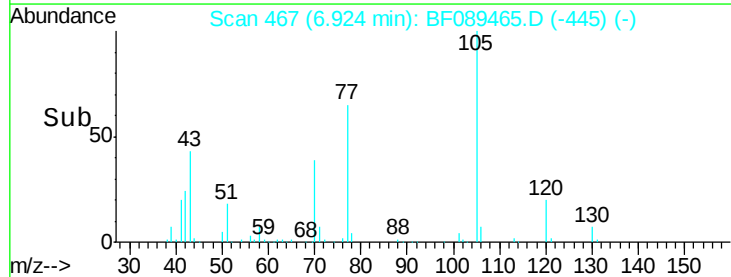
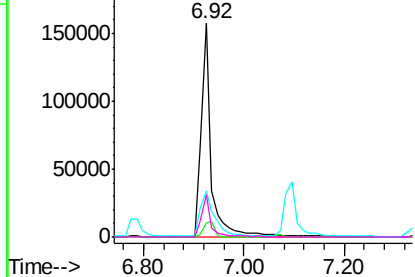


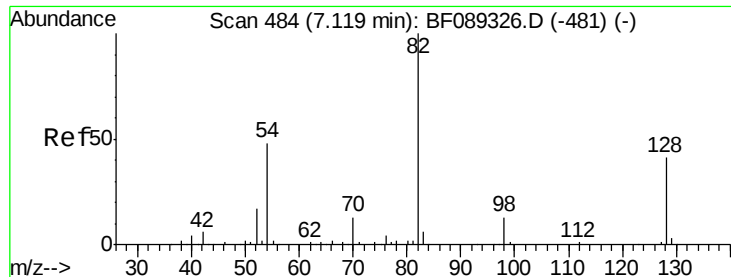
#22
Acetophenone
Concen: 43.43 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

Tgt Ion:105	Resp:	217541
Ion Ratio	Lower	Upper
105	100	
71	6.6	4.2 6.2#
51	21.6	18.7 28.1
120	19.5	15.8 23.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

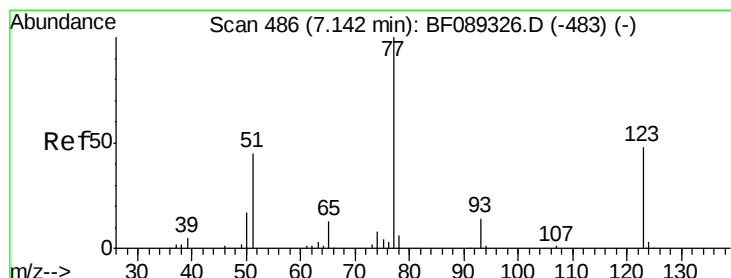
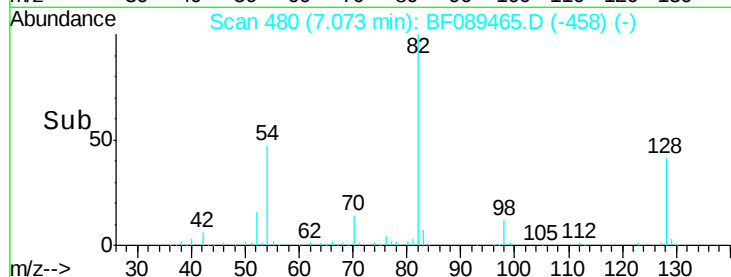
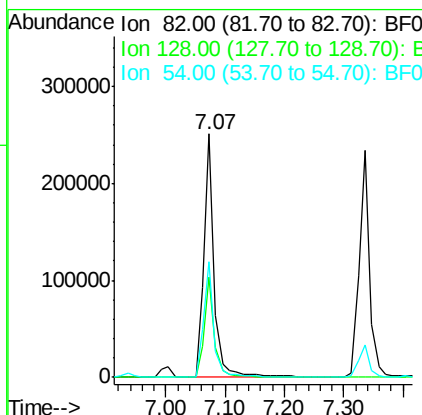
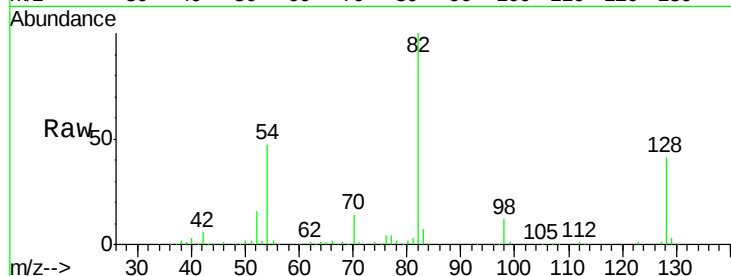




#23
Nitrobenzene-d5
Concen: 87.88 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

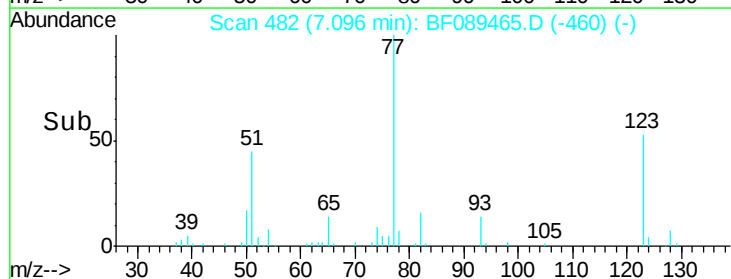
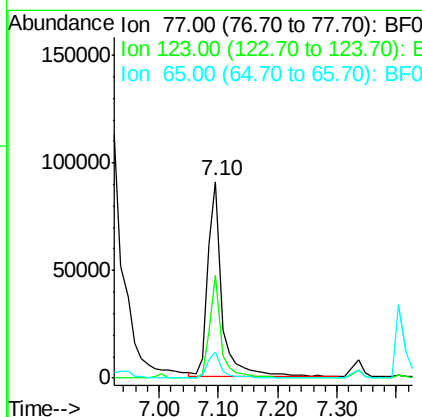
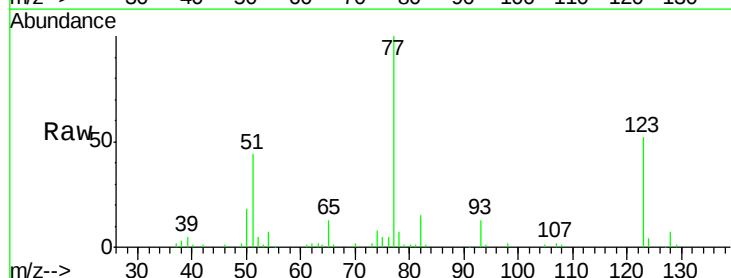
Instrument :
BNA_F
ClientSampleId :

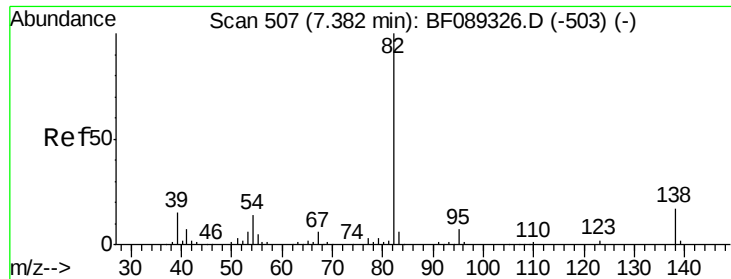
Tot Ion	82	Resp	313228
Ion Ratio	Lower	Upper	
82	100		
128	41.1	32.5	48.7
54	47.3	38.8	58.2



#24
Nitrobenzene
Concen: 36.53 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

Tgt Ion	77	Resp	148185
Ion Ratio	Lower	Upper	
77	100		
123	52.0	37.2	55.8
65	13.5	10.2	15.4





#25

Isophorone

Concen: 39.71 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.05 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

Instrument :

BNA_F

ClientSampleId :

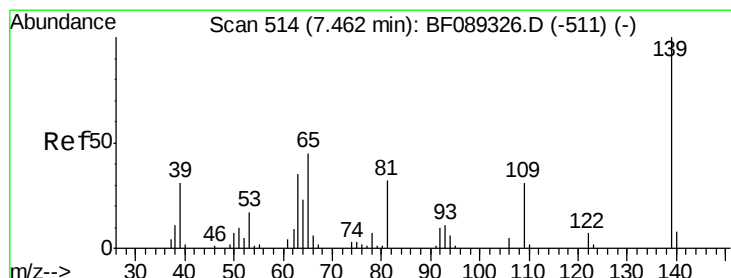
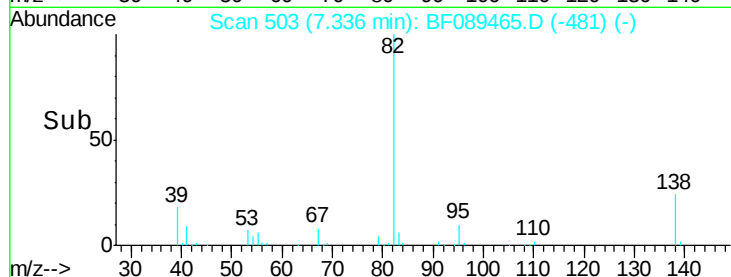
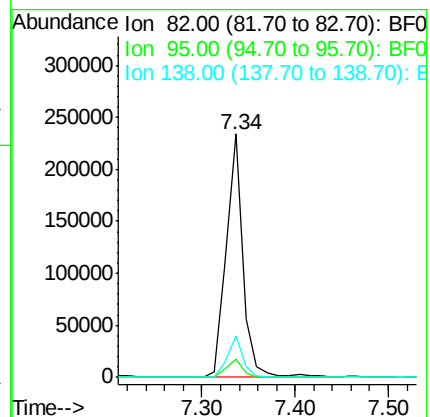
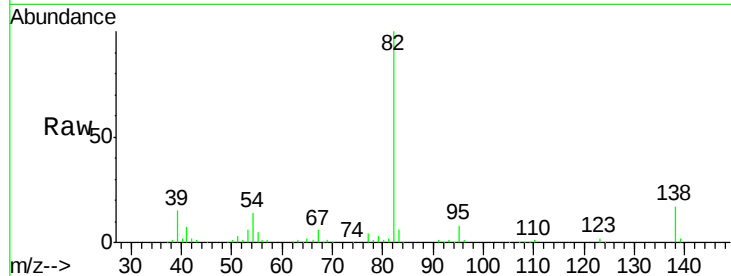
Tot Ion: 82 Resp: 285084

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

138 17.2 13.3 19.9



#26

2-Nitrophenol

Concen: 40.76 ng

RT: 7.40 min Scan# 509

Delta R.T. -0.06 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

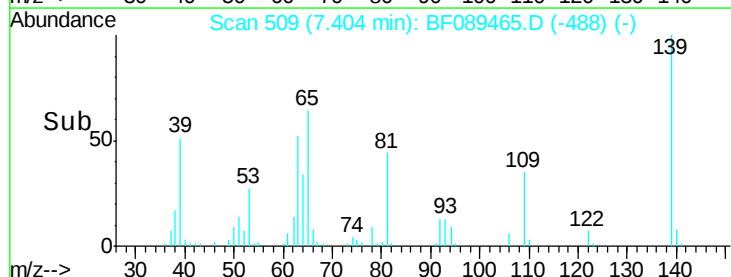
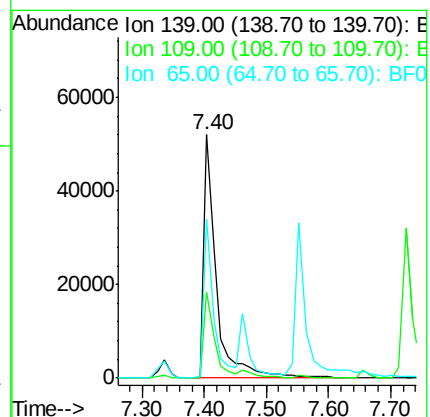
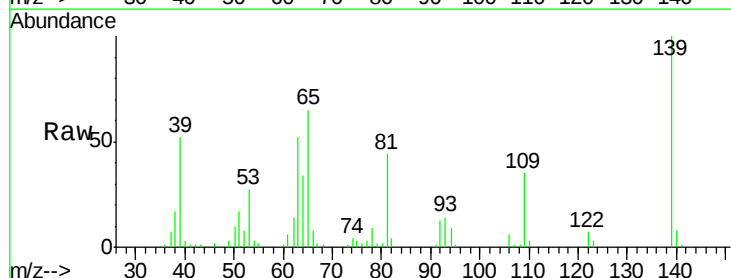
Tgt Ion: 139 Resp: 73930

Ion Ratio Lower Upper

139 100

109 35.3 25.8 38.8

65 65.2 35.2 52.8#

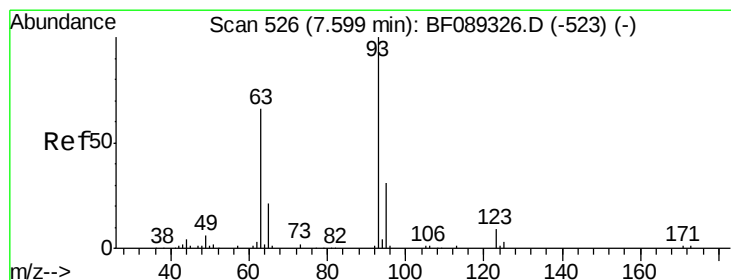
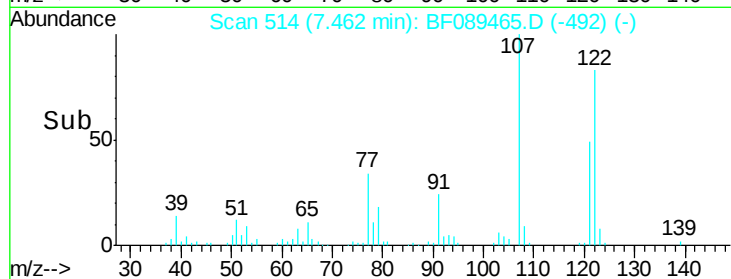
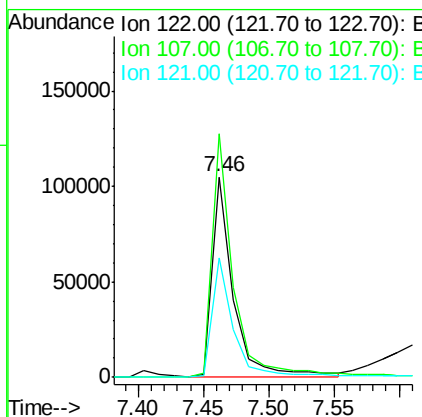
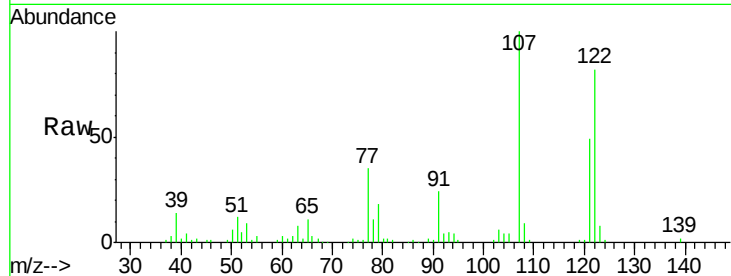




#27
 2,4-Dimethylphenol
 Concen: 40.99 ng
 RT: 7.46 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

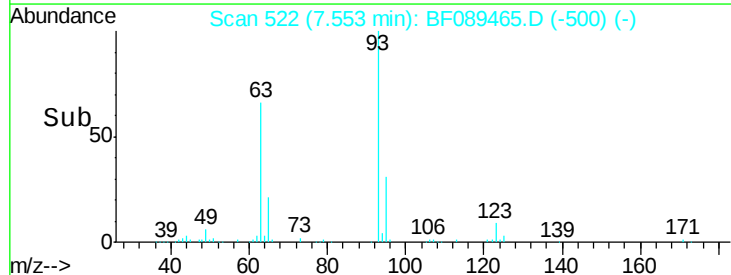
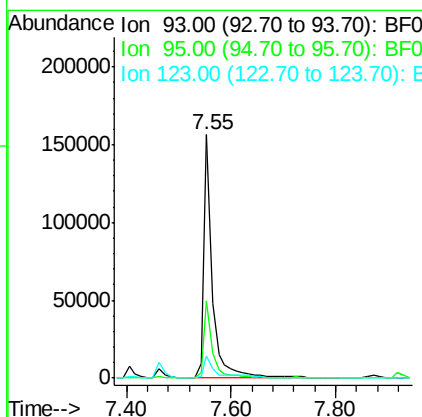
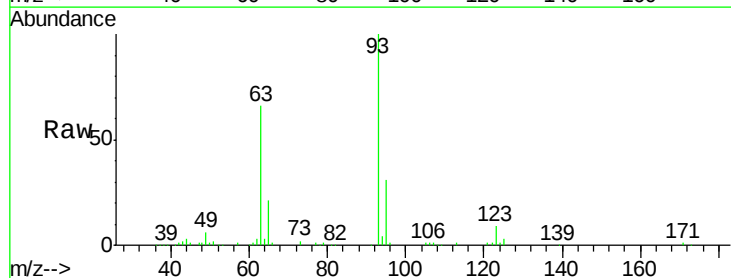
Instrument :
 BNA_F
 ClientSampleId :

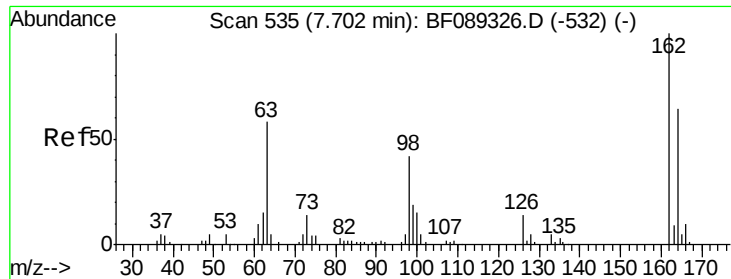
Tot Ion:122 Resp: 118426
 Ion Ratio Lower Upper
 122 100
 107 121.5 97.2 145.8
 121 59.5 48.8 73.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.32 ng
 RT: 7.55 min Scan# 522
 Delta R.T. -0.05 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

Tgt Ion: 93 Resp: 180123
 Ion Ratio Lower Upper
 93 100
 95 31.5 24.7 37.1
 123 9.3 7.5 11.3

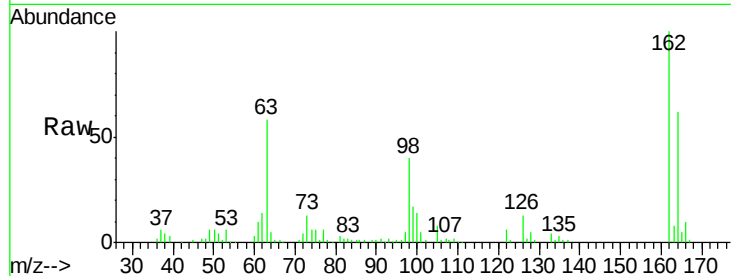




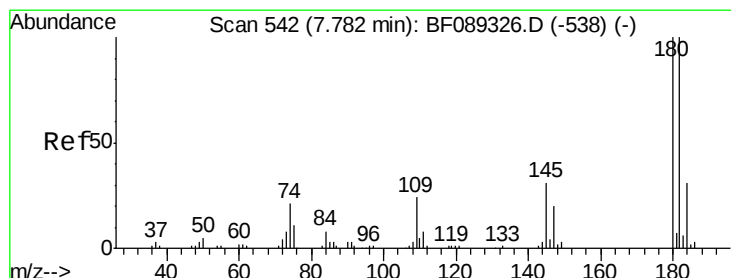
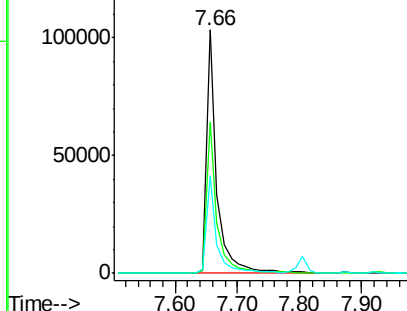
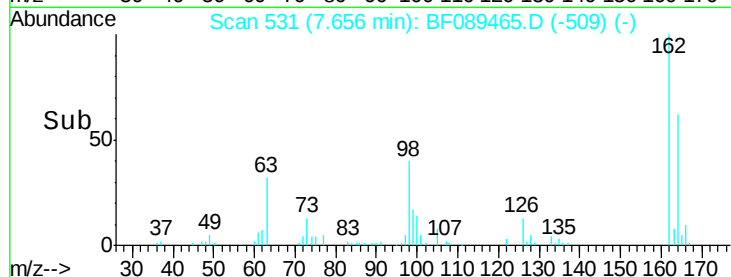
#29
2,4-Dichlorophenol
Concen: 45.03 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 118556
Ion Ratio Lower Upper
162 100
164 62.1 44.0 84.0
98 40.1 21.8 61.8

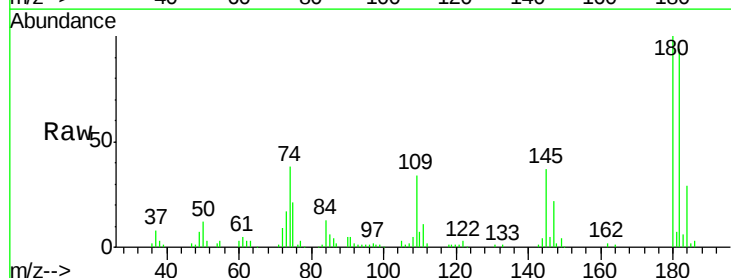


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

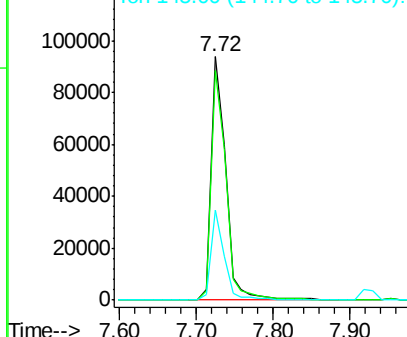
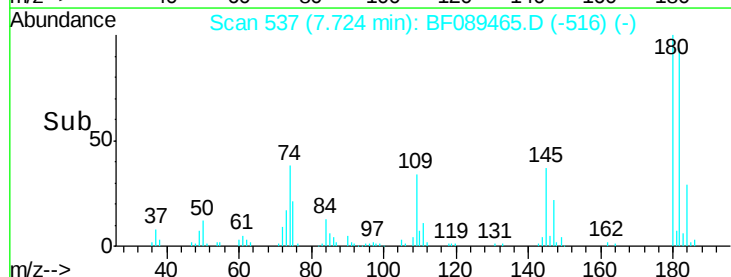


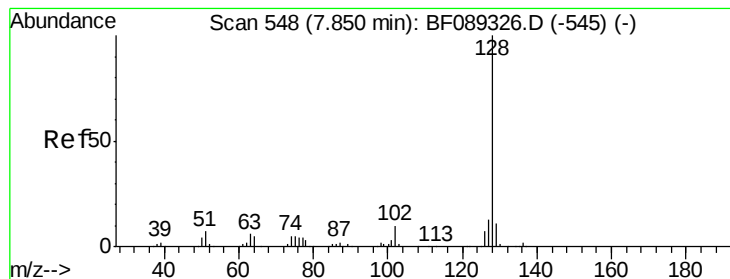
#30
1,2,4-Trichlorobenzene
Concen: 40.67 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.06 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

Tgt Ion:180 Resp: 122155
Ion Ratio Lower Upper
180 100
182 94.1 78.2 117.2
145 36.9 24.6 36.8#



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





#31

Naphthalene

Concen: 41.55 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.05 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

Instrument :

BNA_F

ClientSampled :

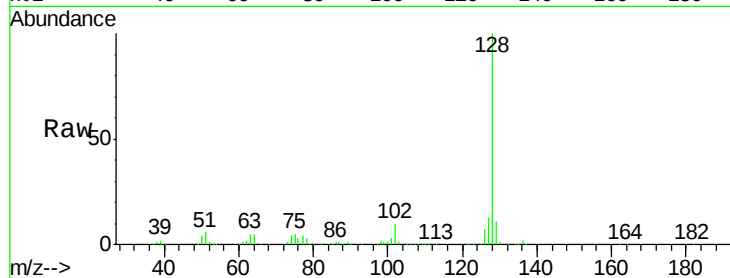
Tot Ion:128 Resp: 432881

Ion Ratio Lower Upper

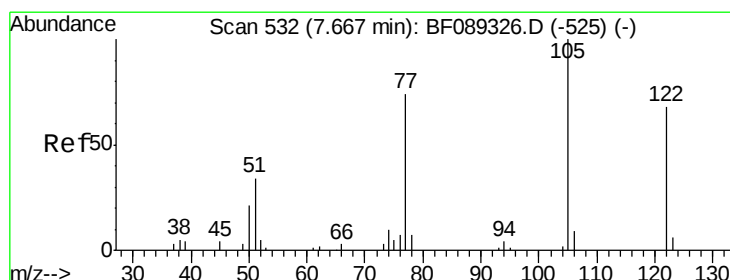
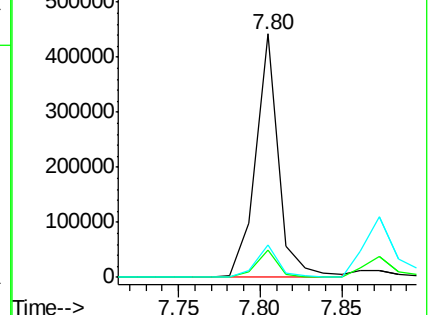
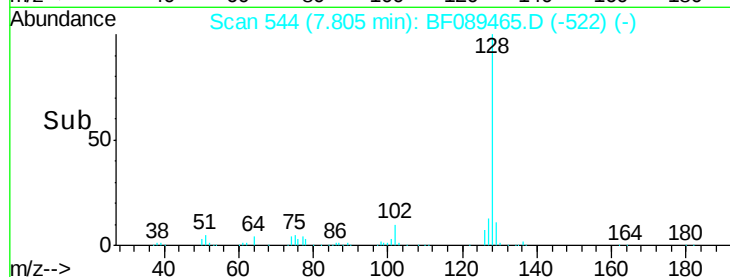
128 100

129 11.1 8.8 13.2

127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.84 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

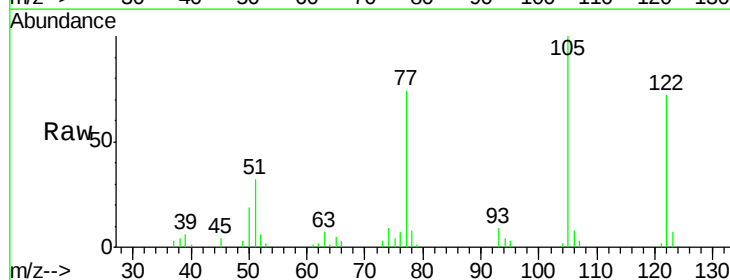
Tgt Ion:122 Resp: 86243

Ion Ratio Lower Upper

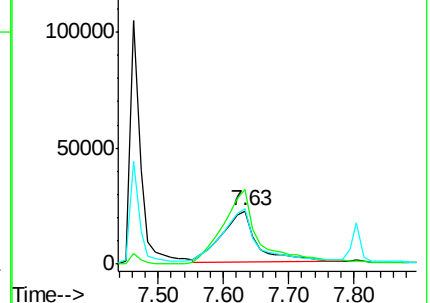
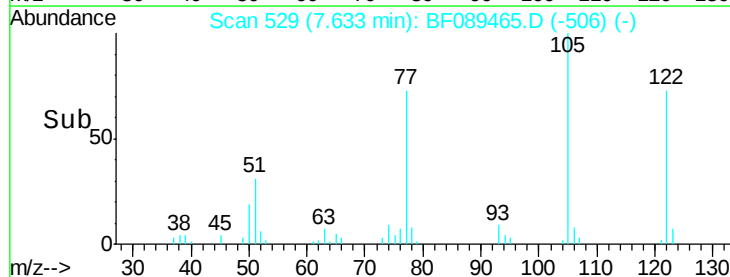
122 100

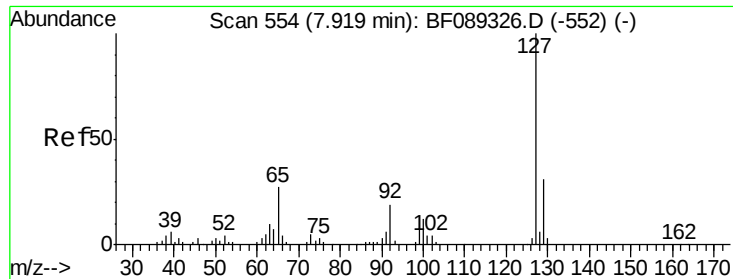
105 139.2 106.4 146.4

77 102.6 76.4 116.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

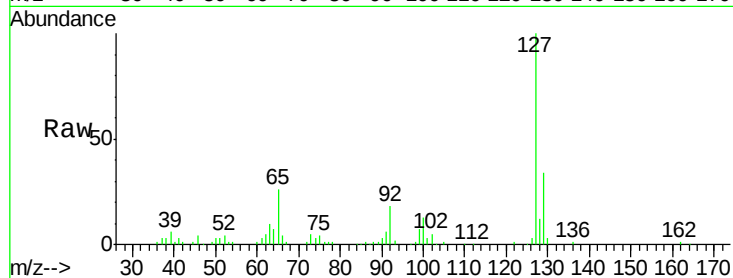




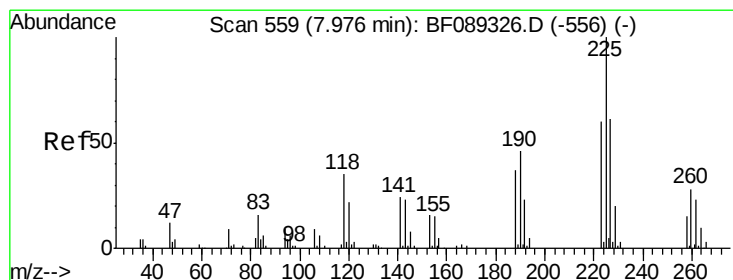
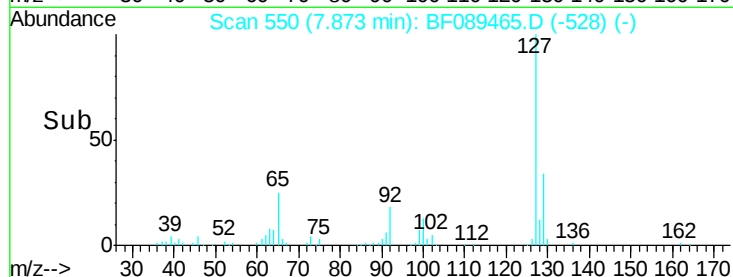
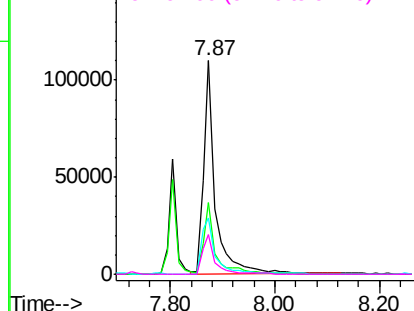
#33
4-Chloroaniline
Concen: 43.04 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.05 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	170715
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.1	39.1
65	26.3	22.0	33.0
92	18.3	15.2	22.8

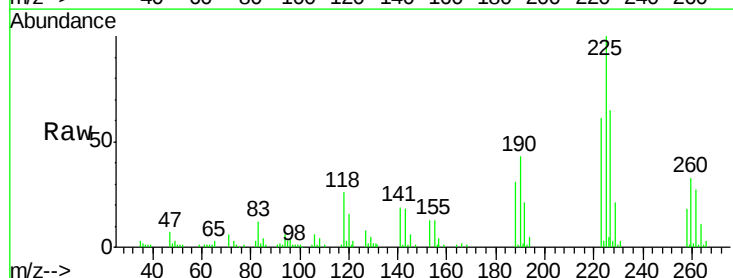


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

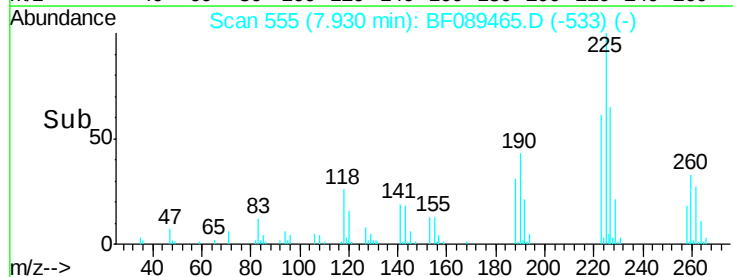
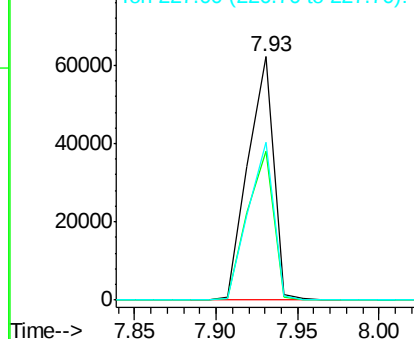


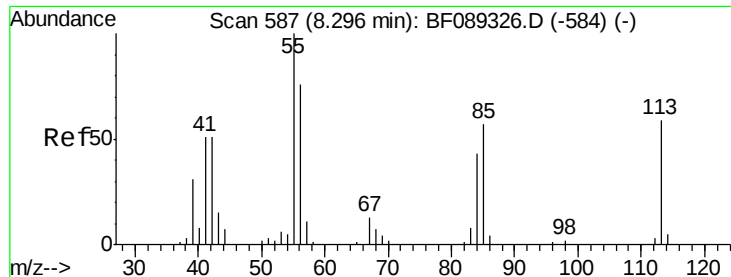
#34
Hexachlorobutadiene
Concen: 39.49 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.05 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

Tgt Ion:	225	Resp:	67941
Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.8	74.8
227	64.9	49.4	74.2



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





#35

Caprolactam

Concen: 43.50 ng

RT: 8.25 min Scan# 583

Delta R.T. -0.04 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

Instrument :

BNA_F

ClientSampled :

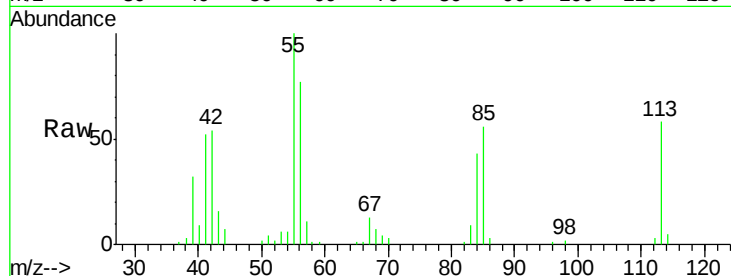
Tot Ion:113 Resp: 34566

Ion Ratio Lower Upper

113 100

55 172.4 142.3 182.3

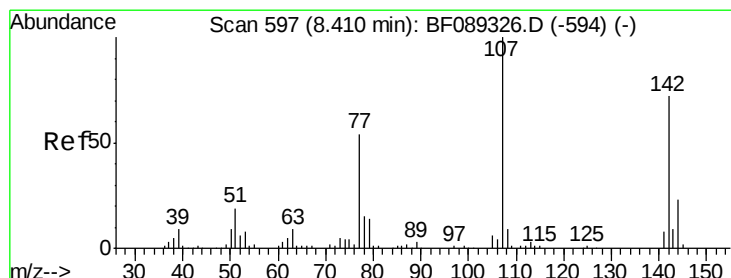
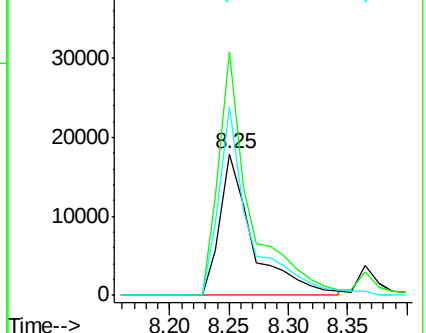
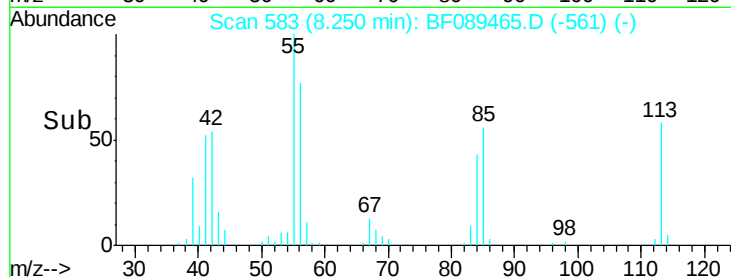
56 133.6 105.8 145.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.88 ng

RT: 8.36 min Scan# 593

Delta R.T. -0.05 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

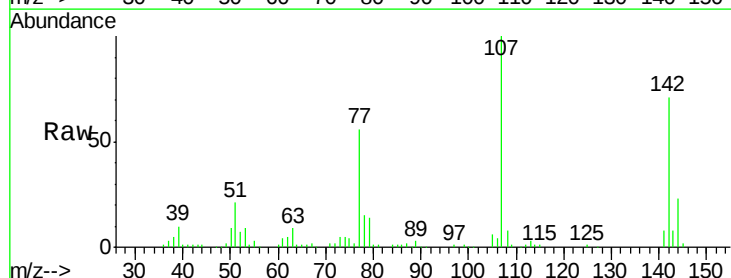
Tgt Ion:107 Resp: 137307

Ion Ratio Lower Upper

107 100

144 22.7 18.4 27.6

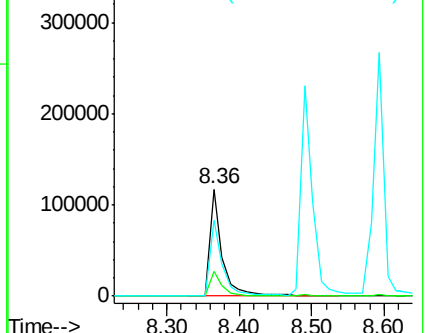
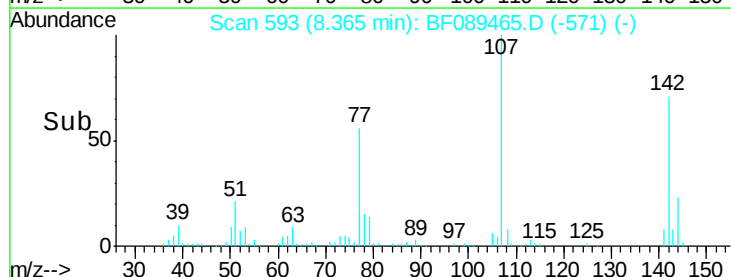
142 70.8 58.6 87.8

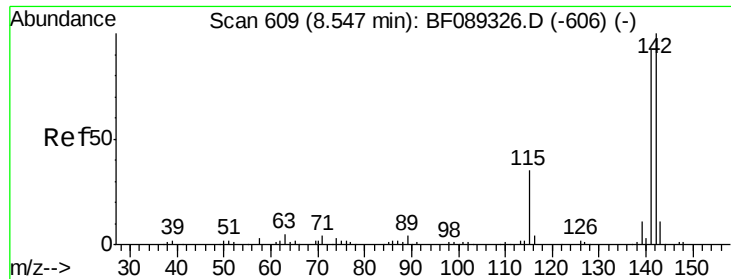


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

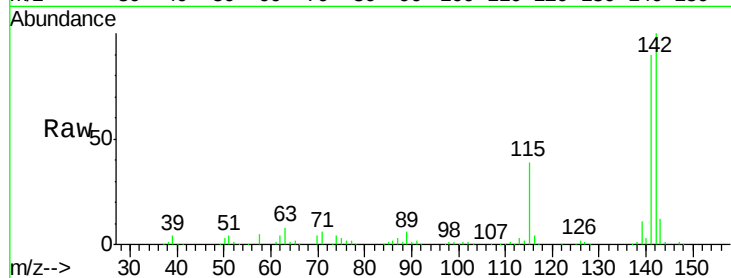




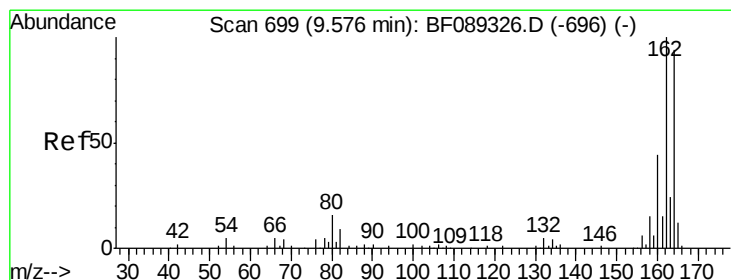
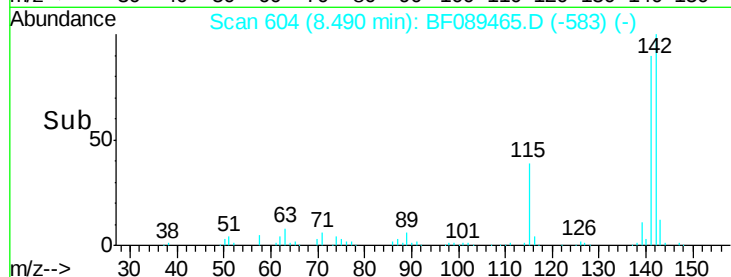
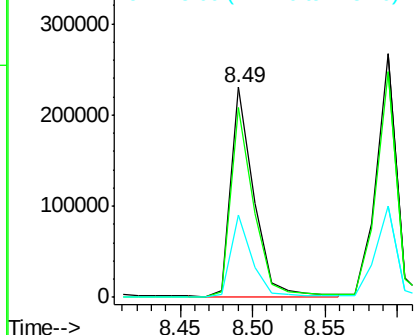
#37
 2-Methylnaphthalene
 Concen: 40.84 ng
 RT: 8.49 min Scan# 604
 Delta R.T. -0.06 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 256363
 Ion Ratio Lower Upper
 142 100
 141 90.3 70.9 106.3
 115 39.1 27.6 41.4

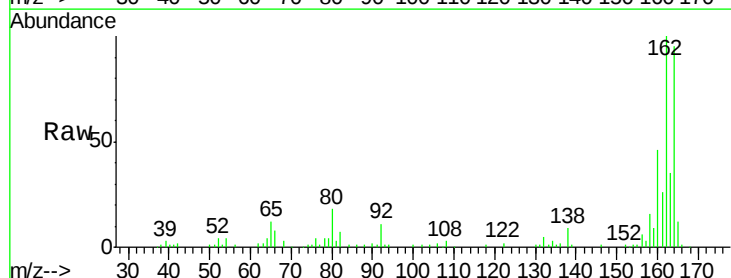


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

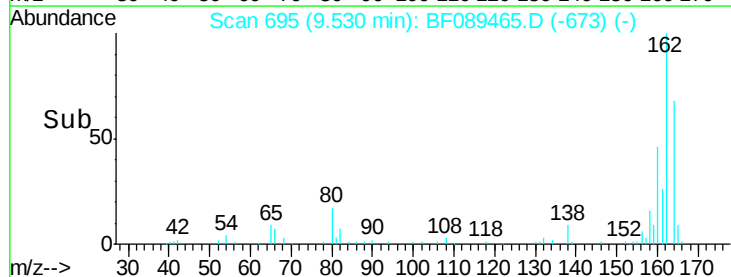
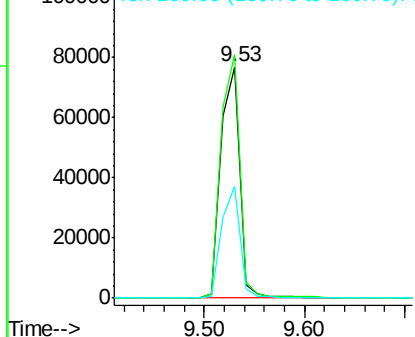


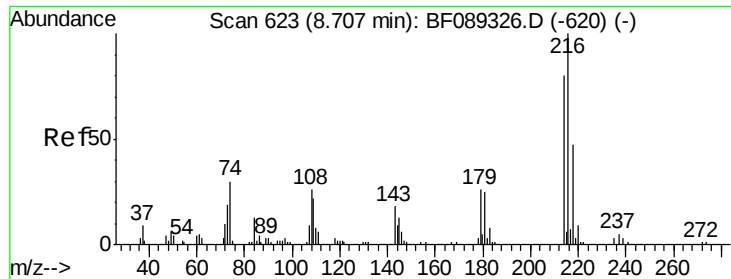
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.05 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

Tgt Ion:164 Resp: 100190
 Ion Ratio Lower Upper
 164 100
 162 105.2 83.7 125.5
 160 48.2 37.8 56.6



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

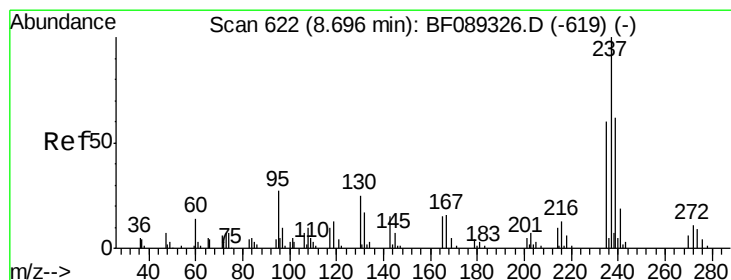
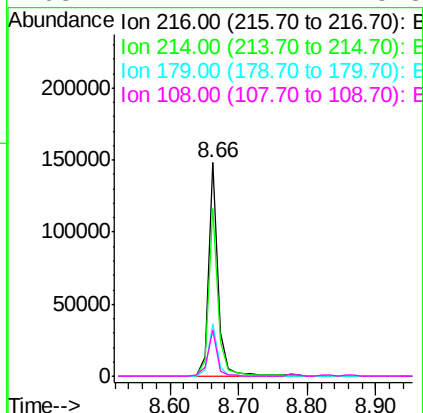
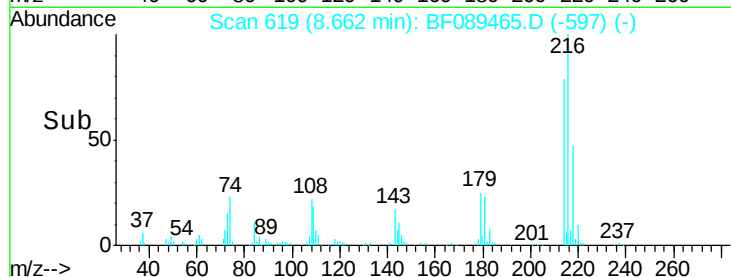
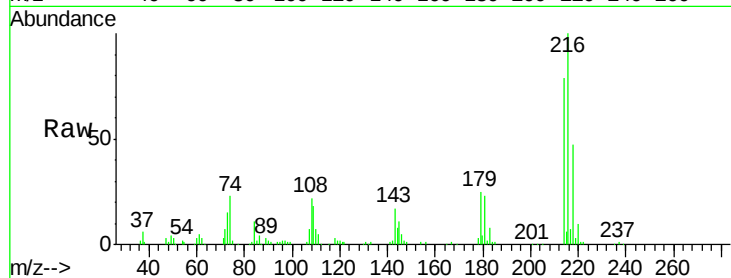




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.99 ng
 RT: 8.66 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

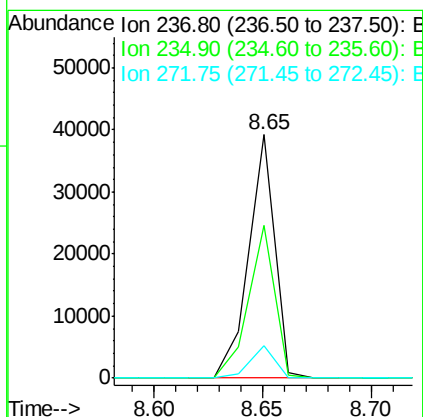
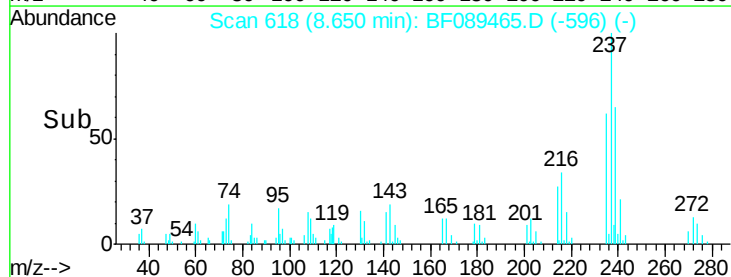
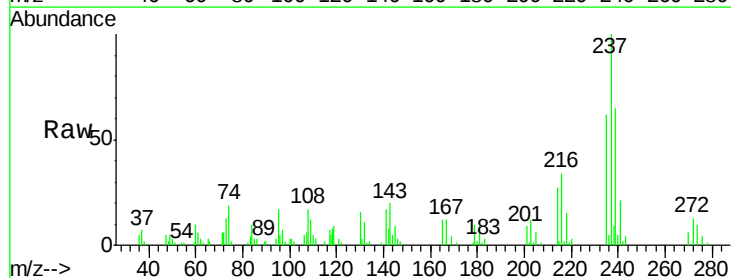
Instrument :
 BNA_F
 ClientSampleId :

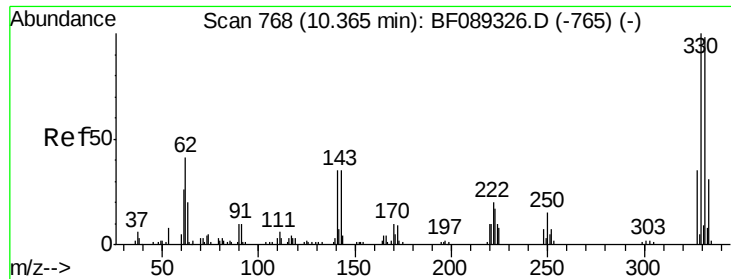
Tot Ion:	216	Resp:	143702
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.3	94.9
179	23.5	18.1	27.1
108	21.7	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 37.97 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.05 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

Tgt Ion:	237	Resp:	32680
Ion	Ratio	Lower	Upper
237	100		
235	62.5	41.6	81.6
272	13.1	0.0	30.8

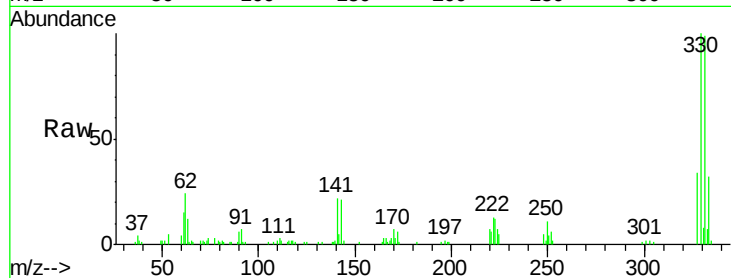




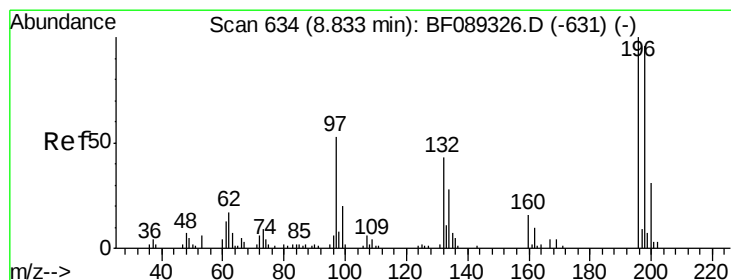
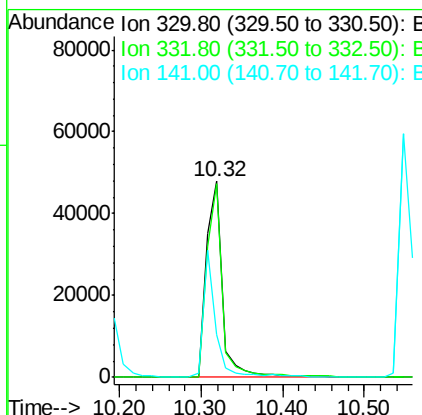
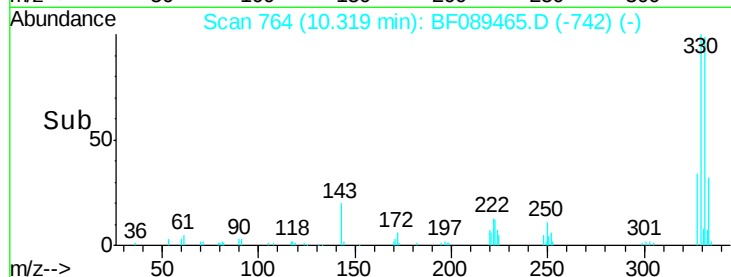
#41
 2,4,6-Tribromophenol
 Concen: 81.48 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.05 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 67609
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.8 115.2
 141 50.0 37.3 55.9

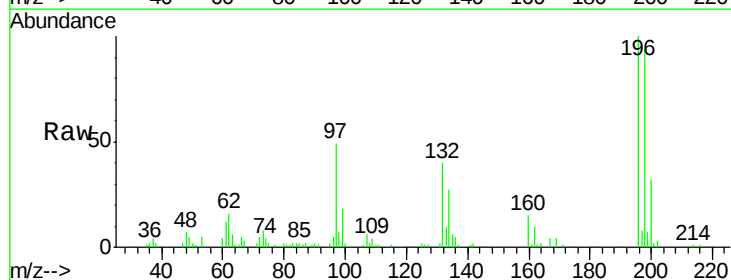


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

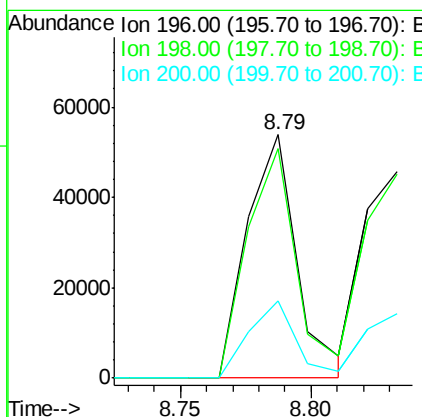
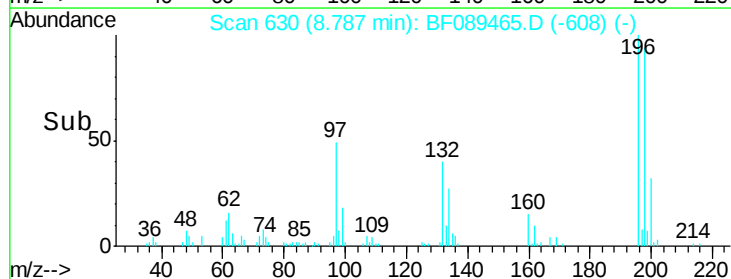


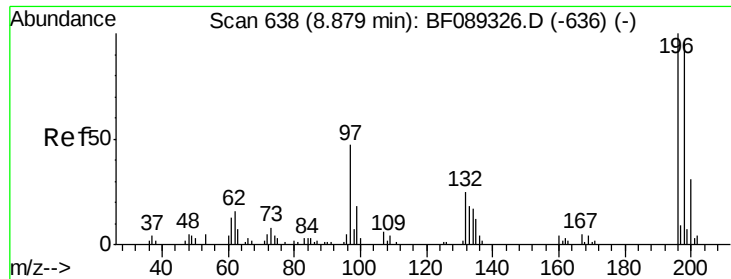
#42
 2,4,6-Trichlorophenol
 Concen: 43.16 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.05 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

Tgt Ion:196 Resp: 71952
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.5 113.3
 200 31.6 23.9 35.9



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

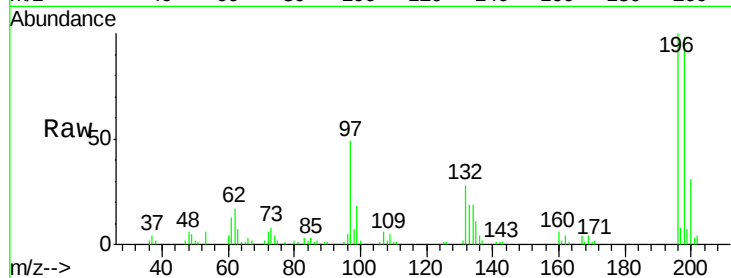




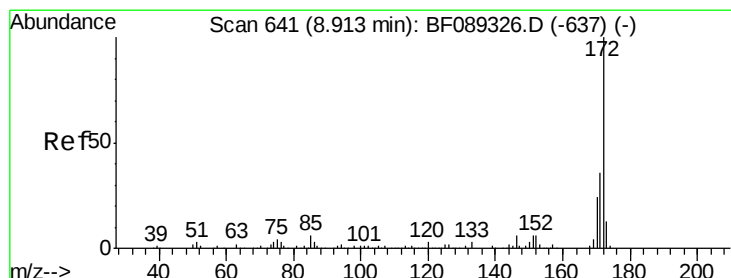
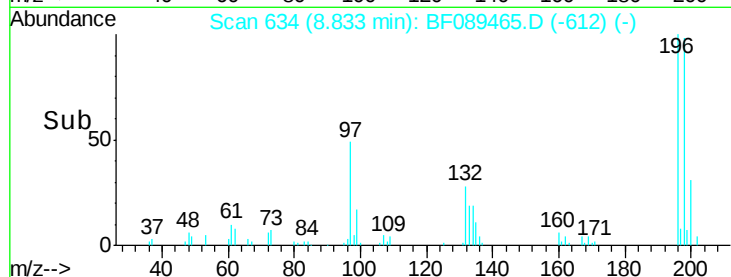
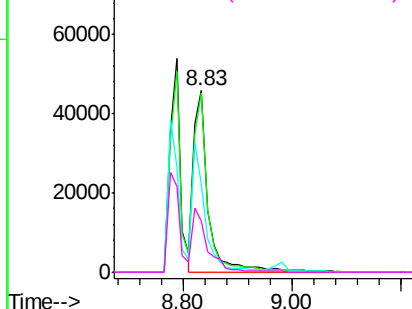
#43
 2,4,5-Trichlorophenol
 Concen: 40.83 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.05 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 86205
 Ion Ratio Lower Upper
 196 100
 198 98.5 78.7 118.1
 97 48.9 39.7 59.5
 132 28.3 22.8 34.2

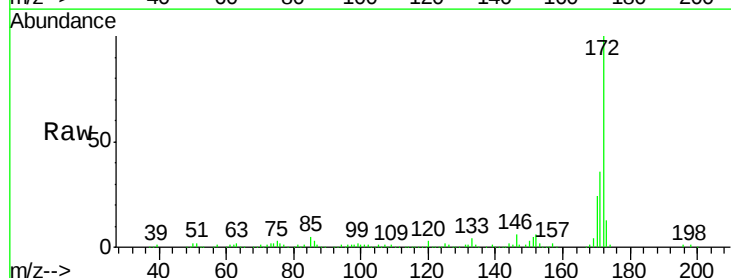


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

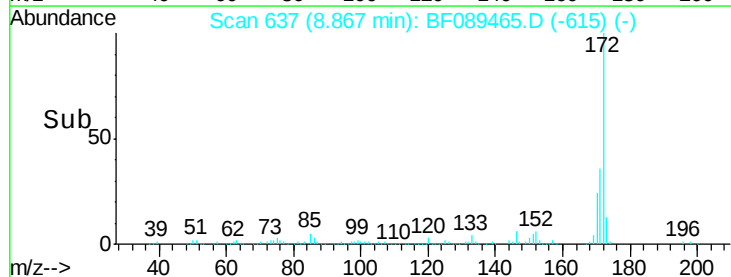
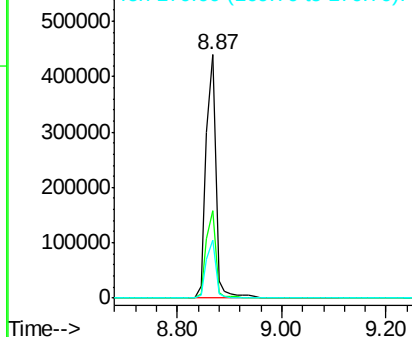


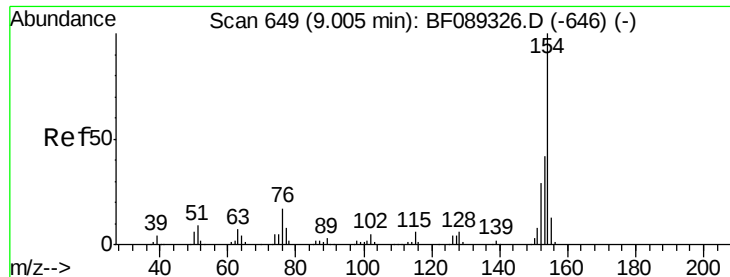
#44
 2-Fluorobiphenyl
 Concen: 84.24 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.05 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

Tgt Ion:172 Resp: 575073
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.2 43.8
 170 23.7 19.2 28.8



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

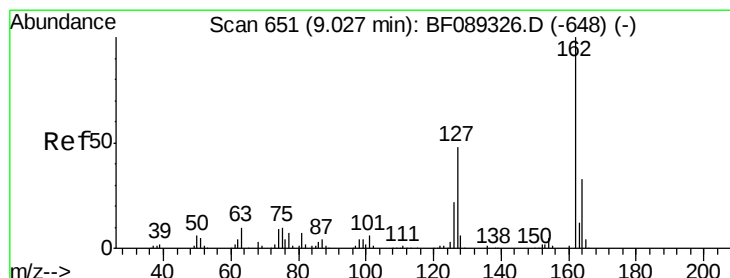
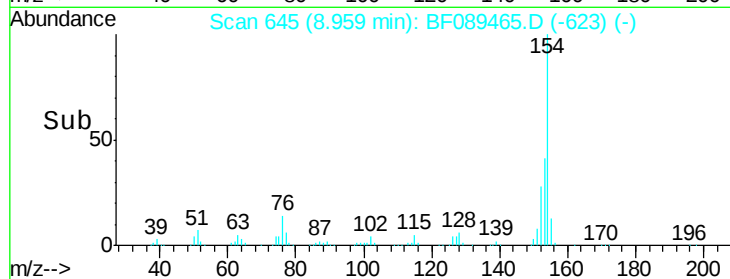
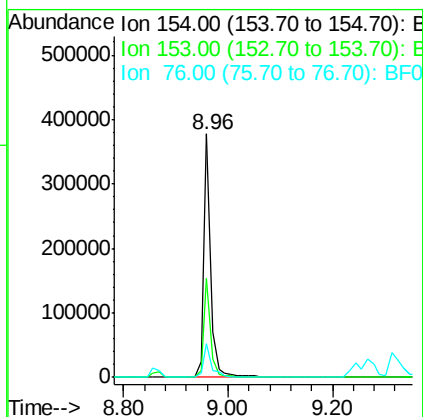
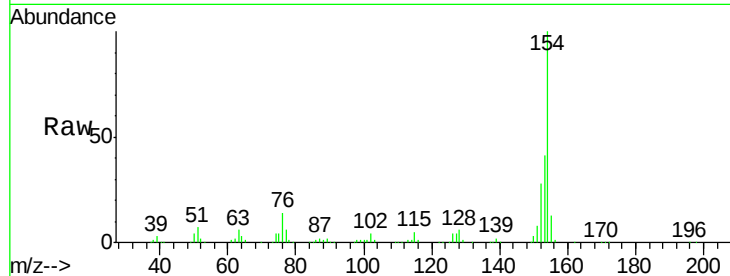




#45
 1,1'-Biphenyl
 Concen: 41.42 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.05 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

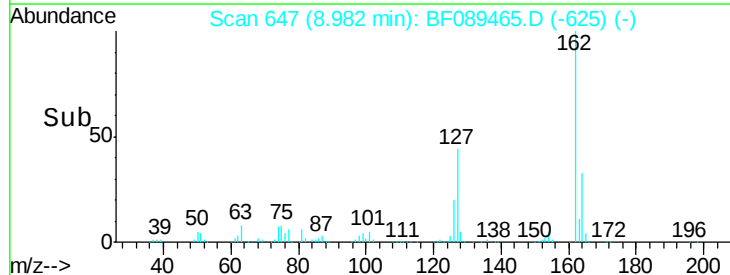
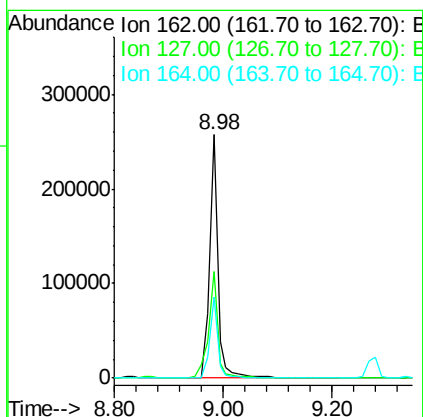
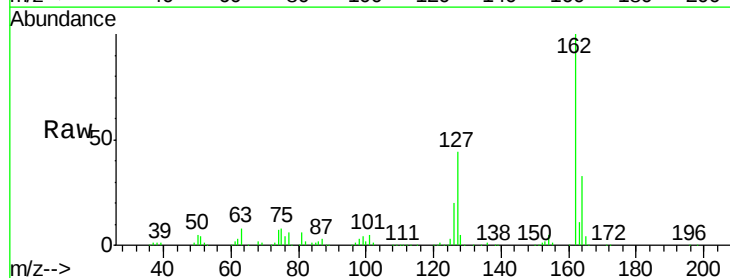
Instrument :
 BNA_F
 ClientSampled :

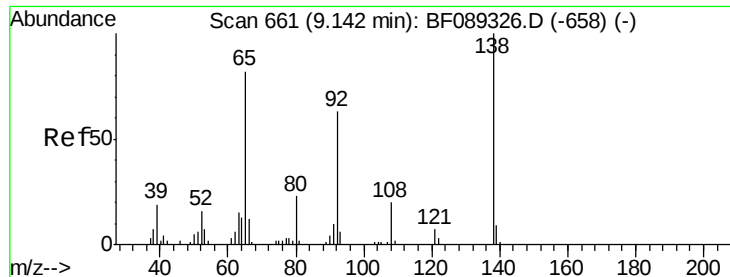
Tot Ion:154 Resp: 353314
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.0 61.0
 76 14.0 0.0 36.6



#46
 2-Chloronaphthalene
 Concen: 43.03 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.05 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

Tgt Ion:162 Resp: 275689
 Ion Ratio Lower Upper
 162 100
 127 43.6 37.8 56.8
 164 33.2 25.8 38.8

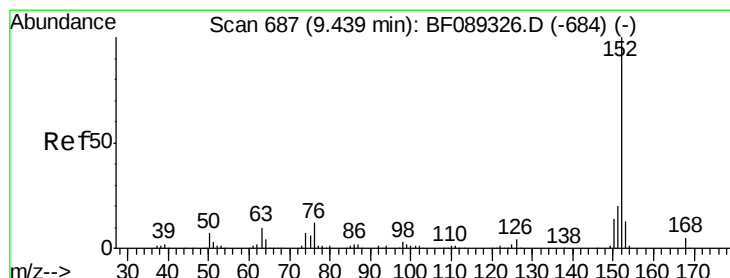
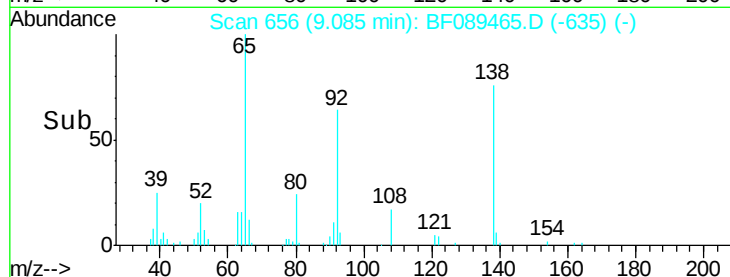
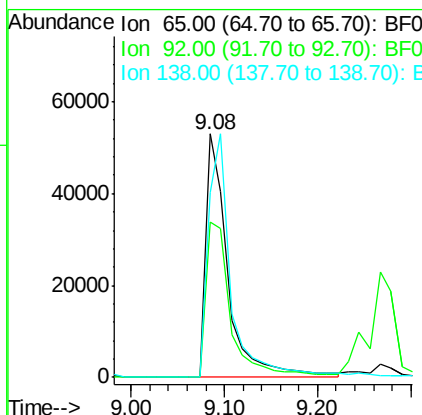
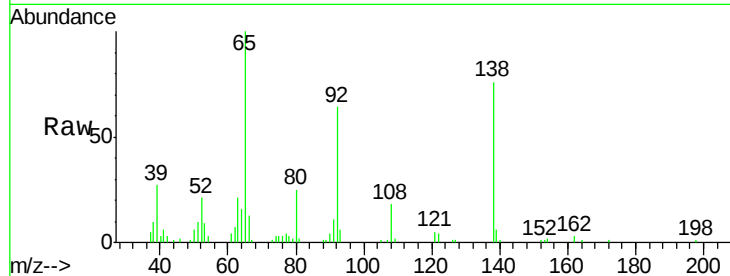




#47
2-Nitroaniline
Concen: 46.46 ng
RT: 9.08 min Scan# 656
Delta R.T. -0.06 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

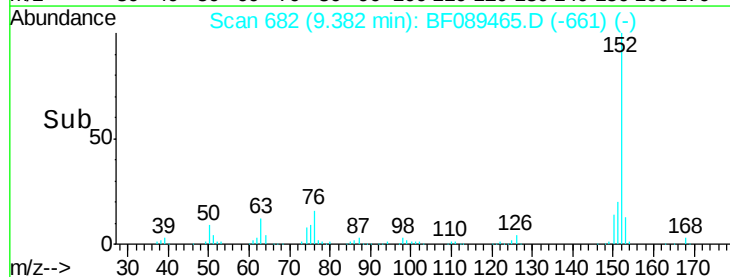
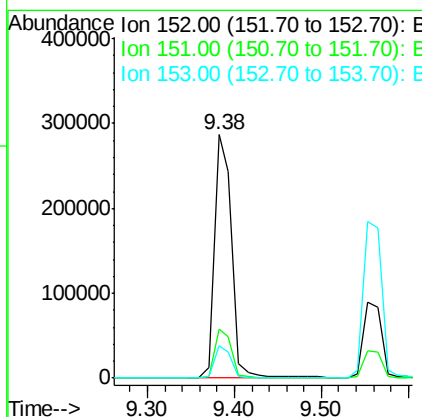
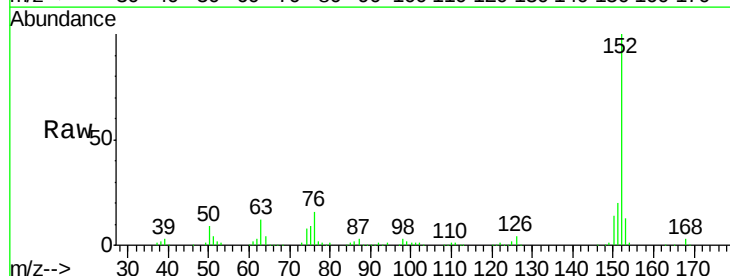
Instrument :
BNA_F
ClientSampleId :

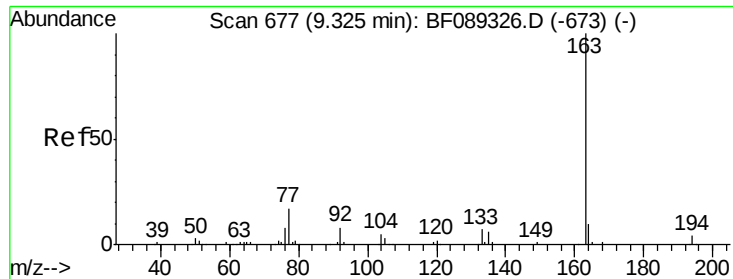
Tot Ion: 65 Resp: 88141
Ion Ratio Lower Upper
65 100
92 63.7 61.0 91.4
138 75.7 99.1 148.7#



#48
Acenaphthylene
Concen: 39.35 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.06 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

Tgt Ion: 152 Resp: 397074
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.2 10.2 15.4

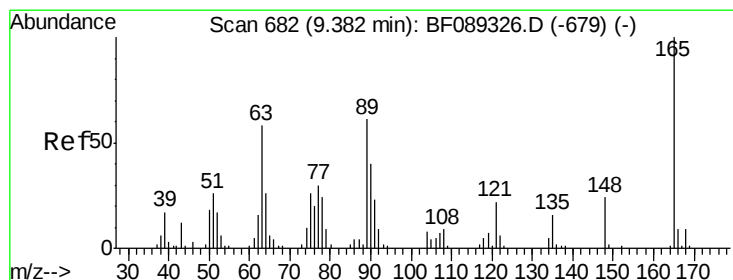
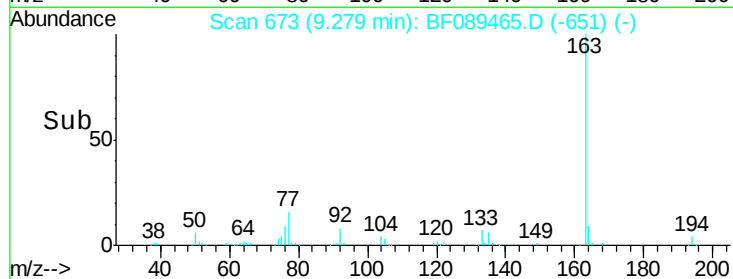
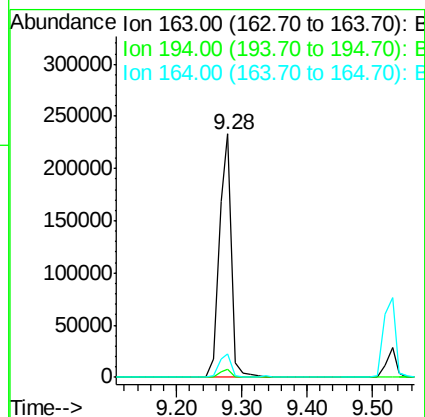
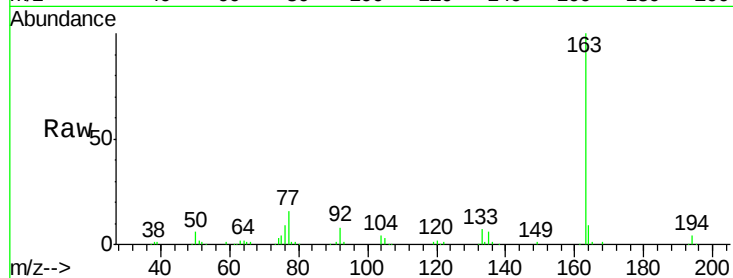




#49
Dimethylphthalate
Concen: 40.11 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

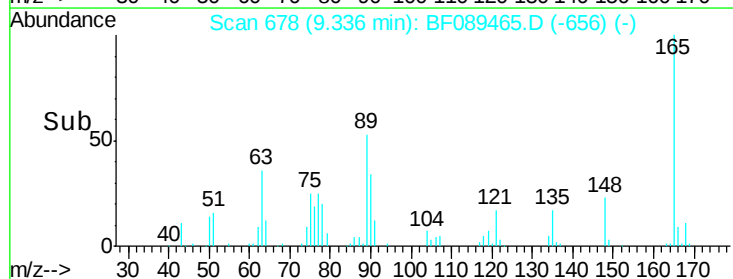
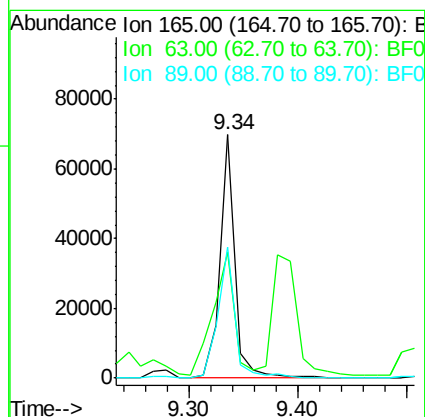
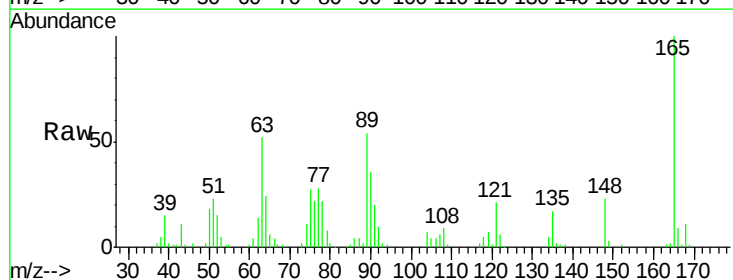
Instrument :
BNA_F
ClientSampleId :

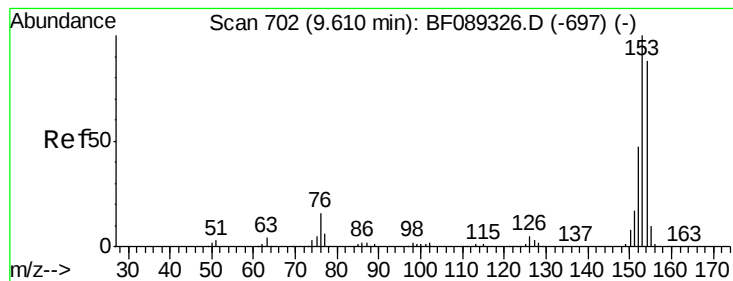
Tot Ion:163 Resp: 305818
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.4 7.8 11.8



#50
2,6-Dinitrotoluene
Concen: 43.41 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

Tgt Ion:165 Resp: 68004
Ion Ratio Lower Upper
165 100
63 51.8 43.5 65.3
89 53.9 45.0 67.4





#51

Acenaphthene

Concen: 39.46 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.06 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

Instrument :

BNA_F

ClientSampleId :

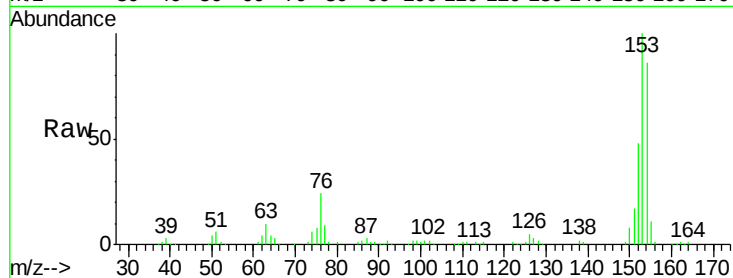
Tot Ion:154 Resp: 232509

Ion Ratio Lower Upper

154 100

153 115.6 91.4 137.2

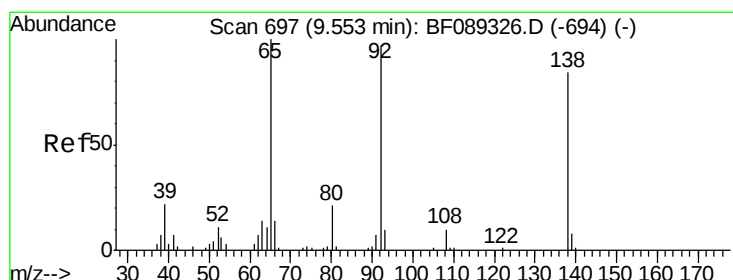
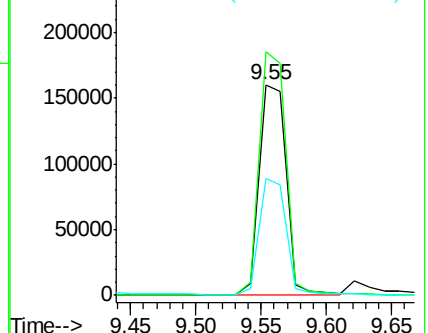
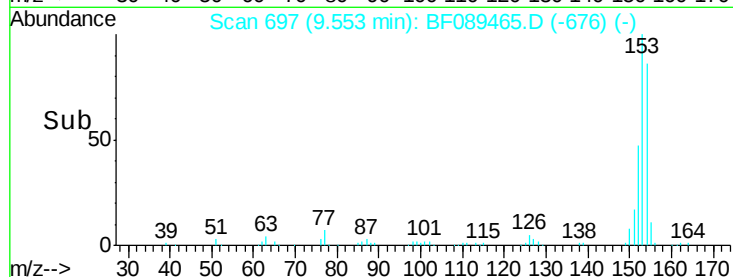
152 55.5 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 46.91 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.05 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

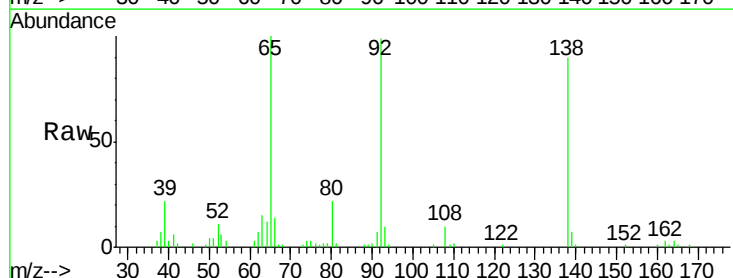
Tgt Ion:138 Resp: 77559

Ion Ratio Lower Upper

138 100

108 11.2 8.6 13.0

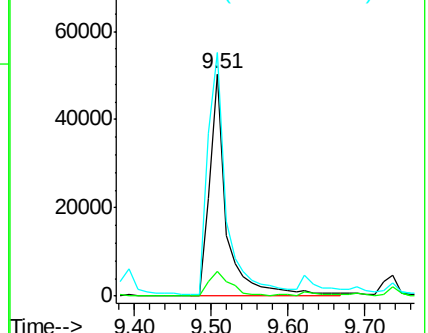
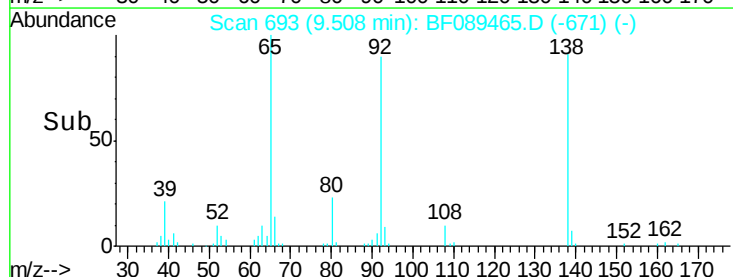
92 109.5 90.0 135.0

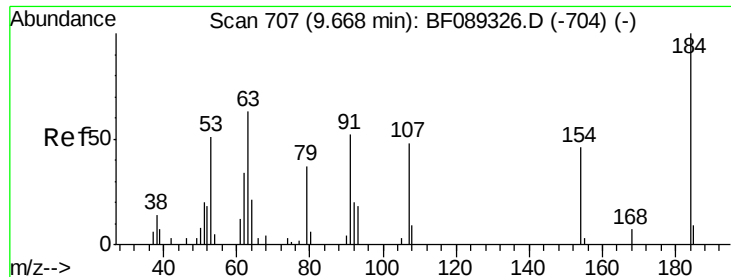


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

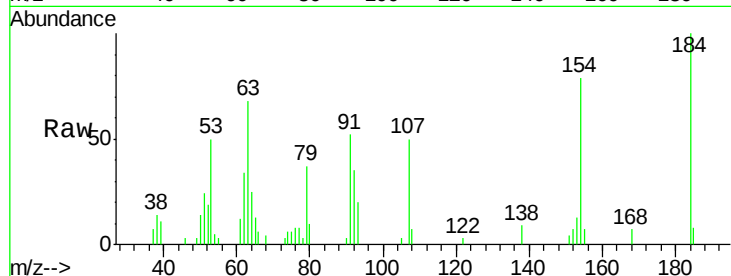




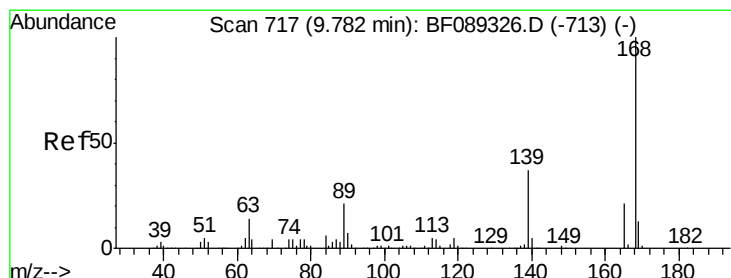
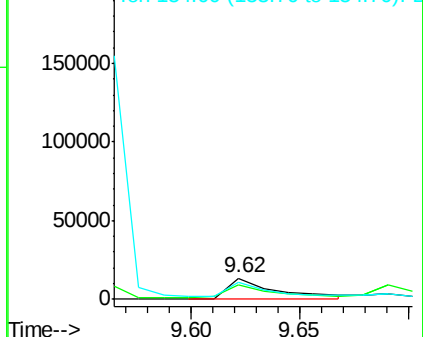
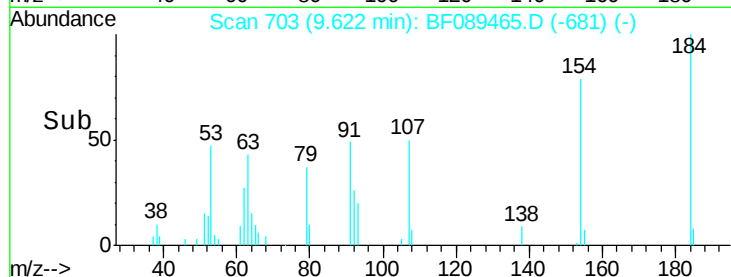
#53
2,4-Dinitrophenol
Concen: 40.10 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.05 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 20710
Ion Ratio Lower Upper
184 100
63 68.4 60.6 90.8
154 79.3 69.8 104.8

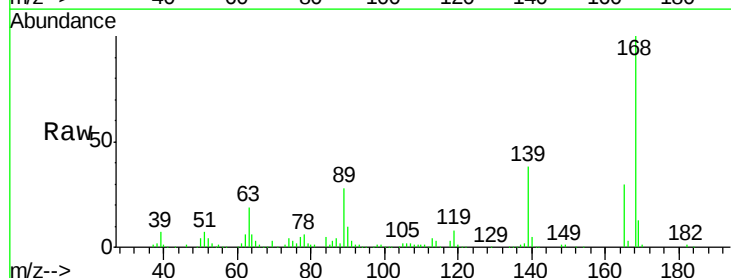


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

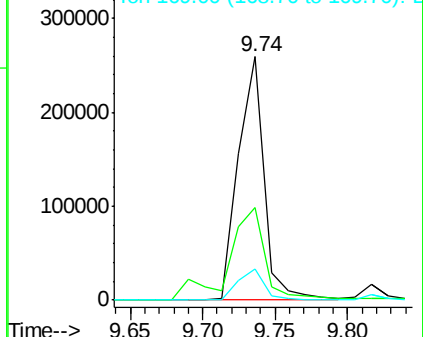
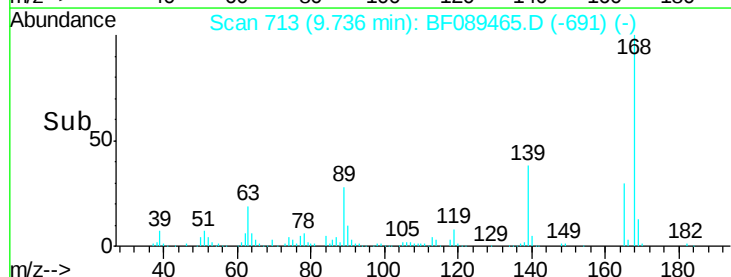


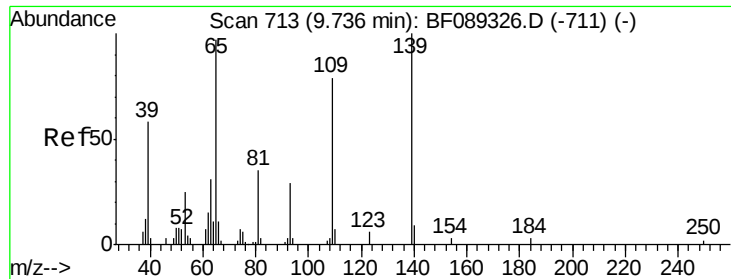
#54
Dibenzofuran
Concen: 40.00 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.05 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

Tgt Ion:168 Resp: 321196
Ion Ratio Lower Upper
168 100
139 38.3 33.7 50.5
169 12.9 10.7 16.1



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

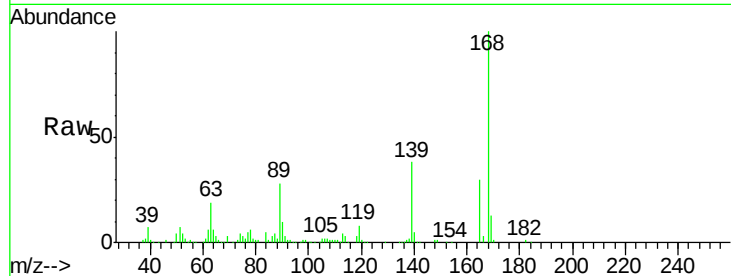




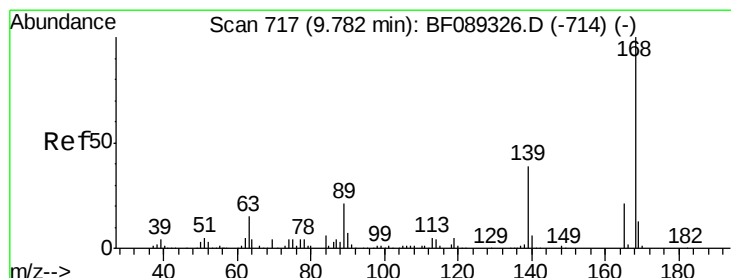
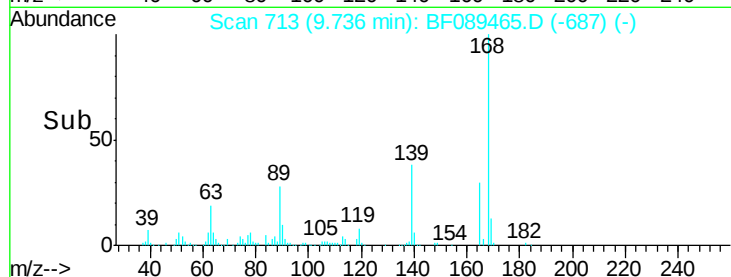
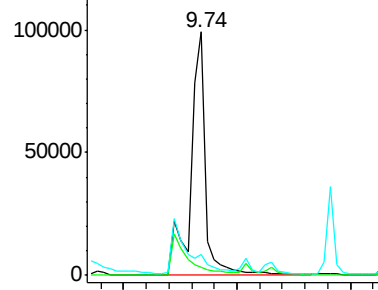
#55
4-Nitrophenol
Concen: 214.81 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 182064
Ion Ratio Lower Upper
139 100
109 3.5 57.8 97.8#
65 8.8 81.7 121.7#

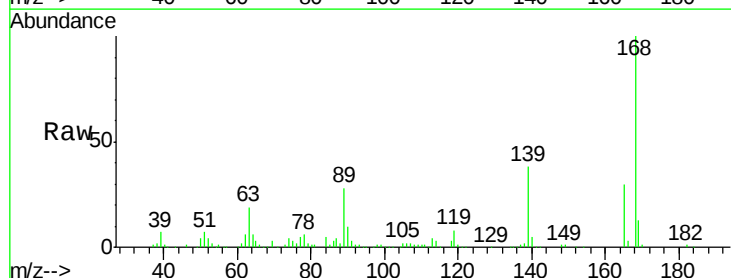


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

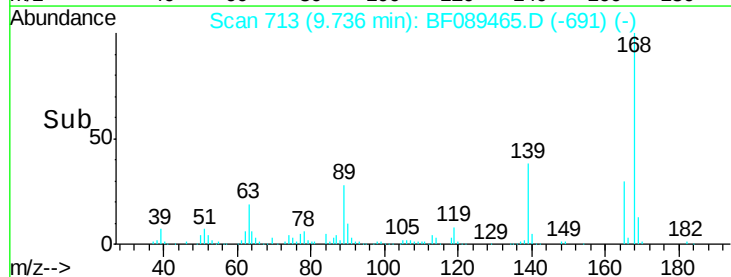
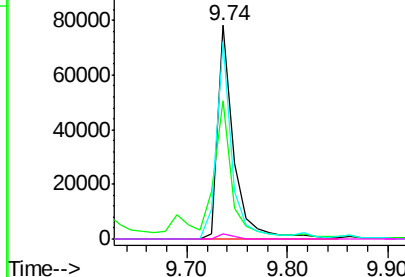


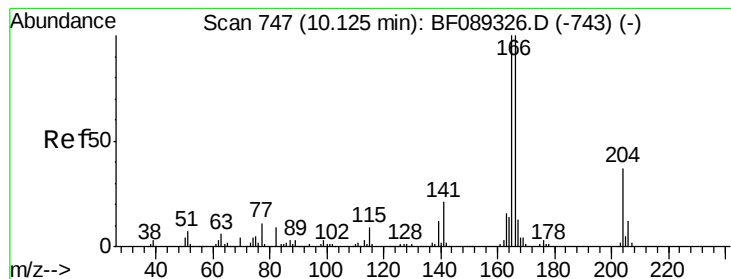
#56
2,4-Dinitrotoluene
Concen: 42.30 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.05 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

Tgt Ion:165 Resp: 87244
Ion Ratio Lower Upper
165 100
63 64.7 58.2 87.2
89 92.5 79.1 118.7
182 2.3 1.8 2.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.69 ng

RT: 10.07 min Scan# 742

Delta R.T. -0.06 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

Instrument :

BNA_F

ClientSampleId :

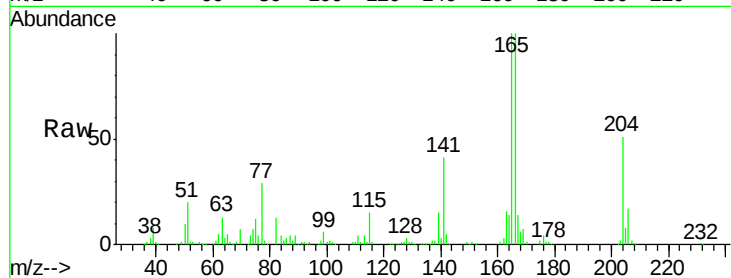
Tot Ion:166 Resp: 264165

Ion Ratio Lower Upper

166 100

165 100.1 79.0 118.4

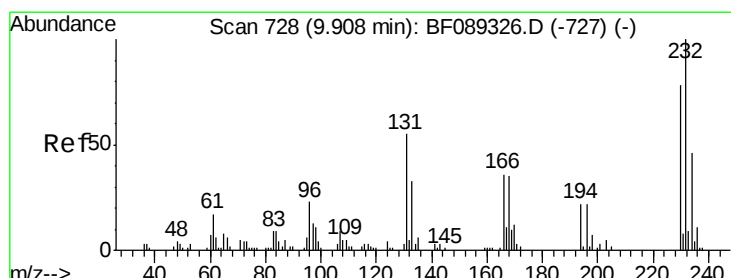
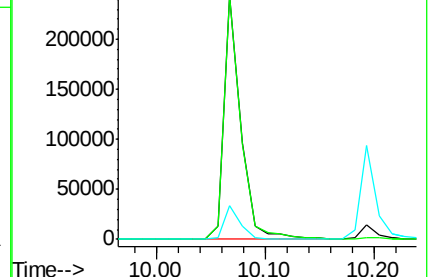
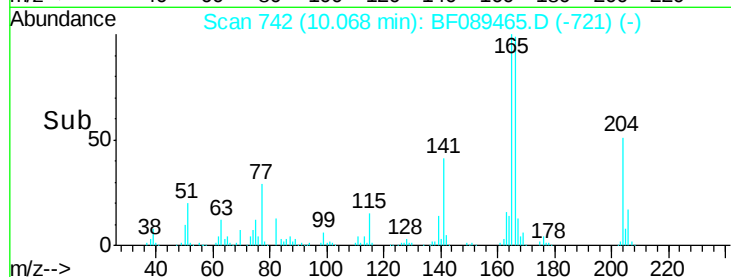
167 13.7 10.2 15.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.98 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.05 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

Tgt Ion:232 Resp: 64819

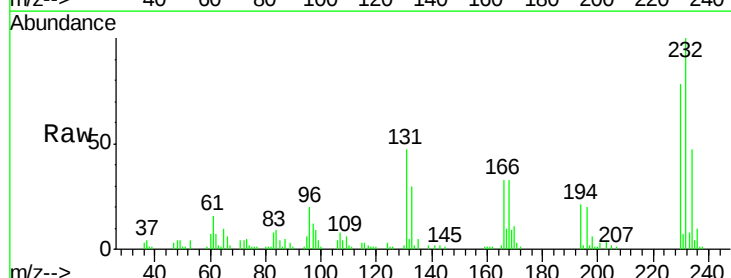
Ion Ratio Lower Upper

232 100

131 51.7 42.7 64.1

130 2.4 1.7 2.5

166 34.5 25.7 38.5

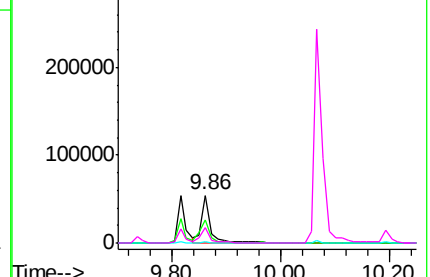
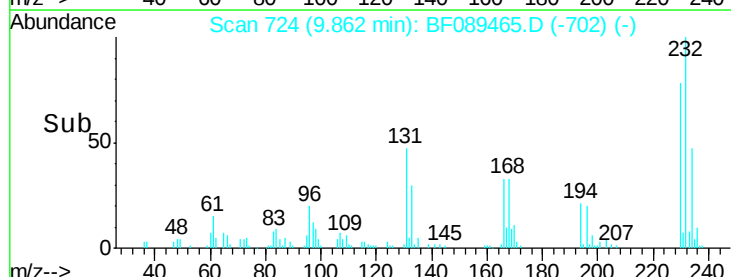


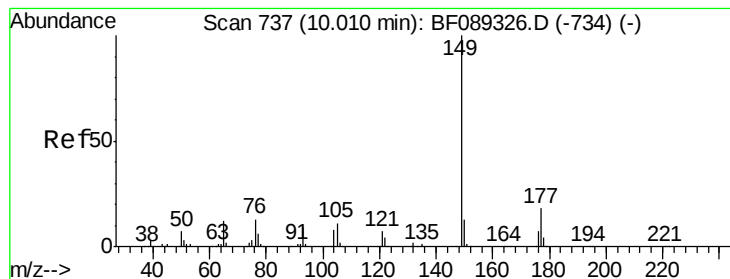
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.68 ng

RT: 9.96 min Scan# 733

Delta R.T. -0.05 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

Instrument :

BNA_F

ClientSampleId :

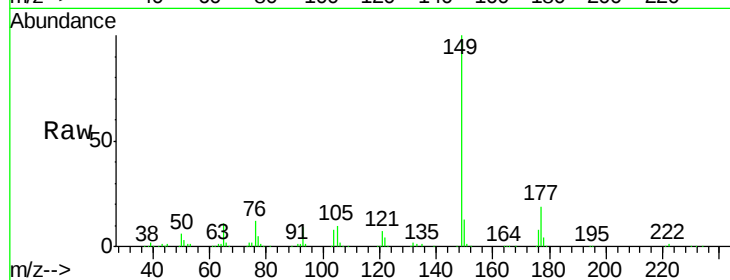
Tot Ion:149 Resp: 291288

Ion Ratio Lower Upper

149 100

177 19.4 15.1 22.7

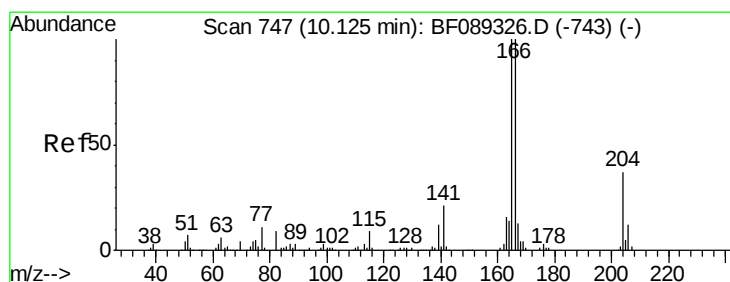
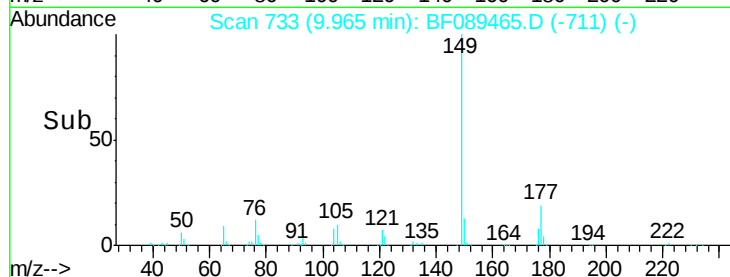
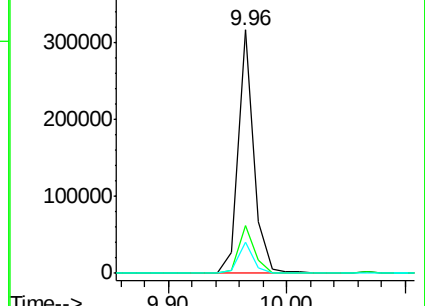
150 12.7 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.21 ng

RT: 10.07 min Scan# 742

Delta R.T. -0.06 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

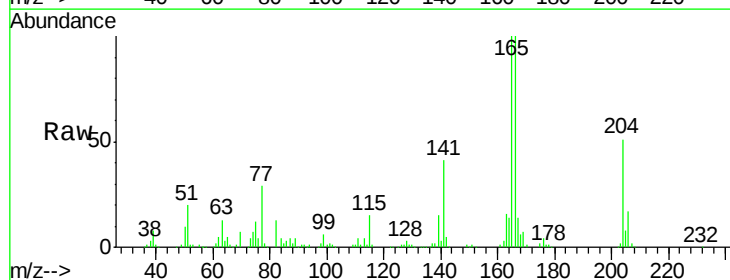
Tgt Ion:204 Resp: 126059

Ion Ratio Lower Upper

204 100

206 32.6 26.6 39.8

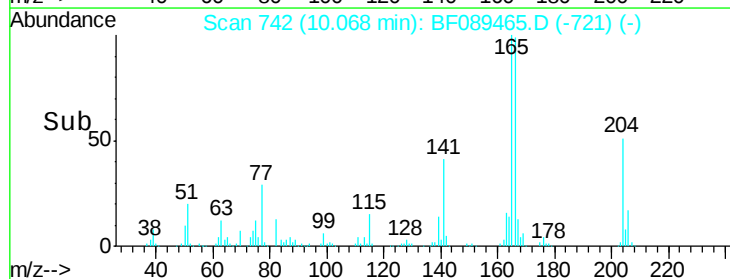
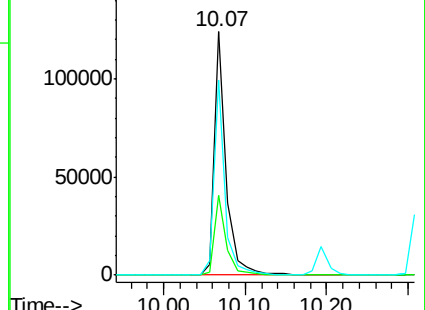
141 80.3 46.6 70.0#

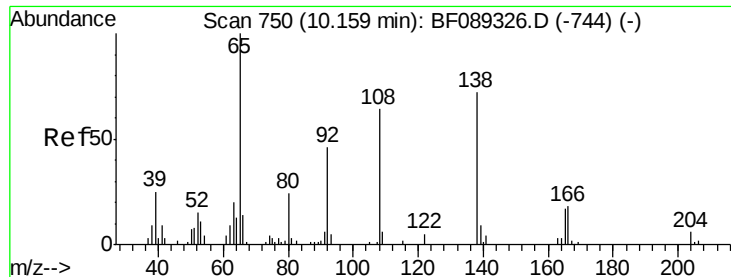


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.38 ng

RT: 10.11 min Scan# 746

Delta R.T. -0.05 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

Instrument :

BNA_F

ClientSampled :

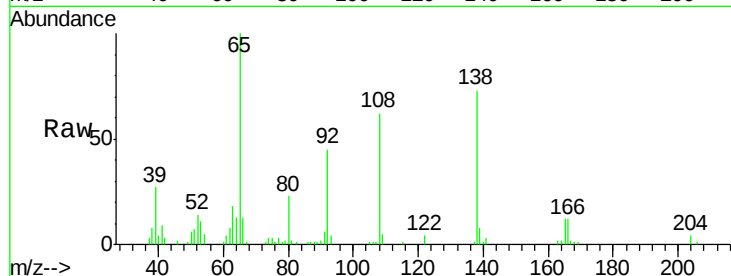
Tot Ion:138 Resp: 75635

Ion Ratio Lower Upper

138 100

92 61.2 41.2 81.2

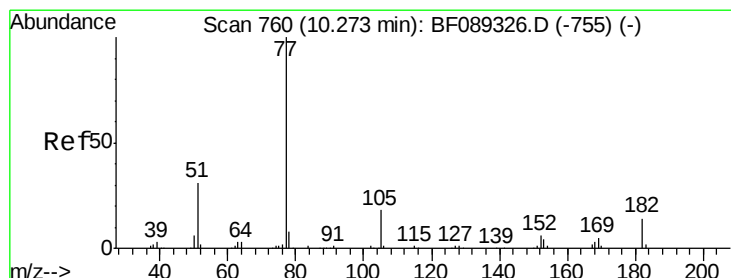
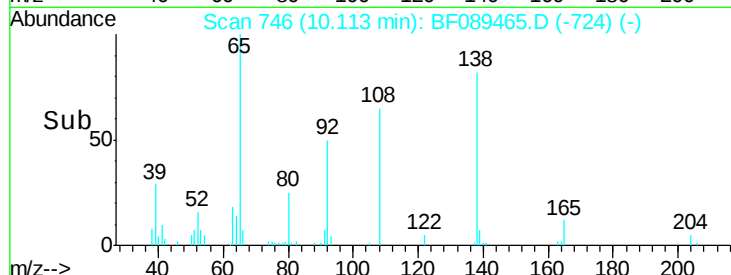
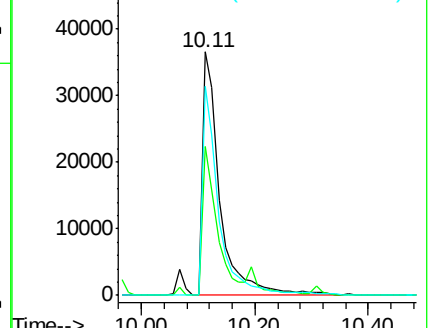
108 85.7 69.6 109.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.31 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.05 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

Tgt Ion: 77 Resp: 328876

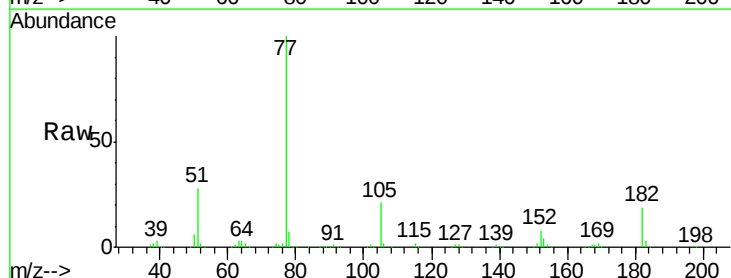
Ion Ratio Lower Upper

77 100

182 18.8 0.0 33.8

105 20.9 0.0 39.8

51 28.4 11.0 51.0

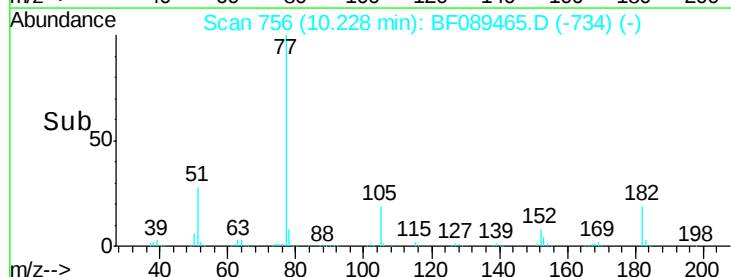
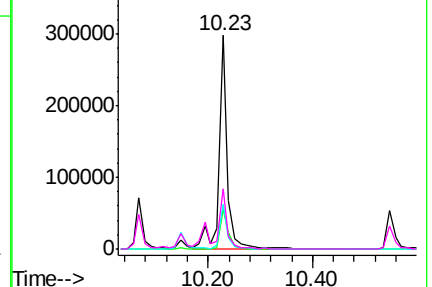


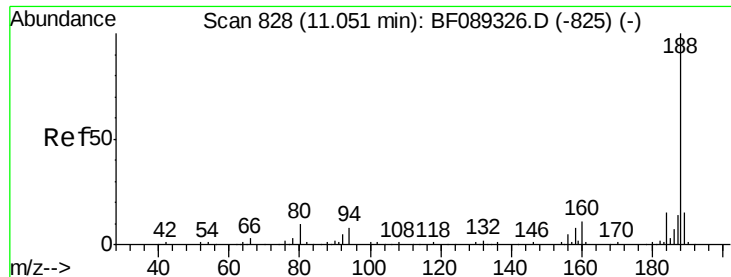
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

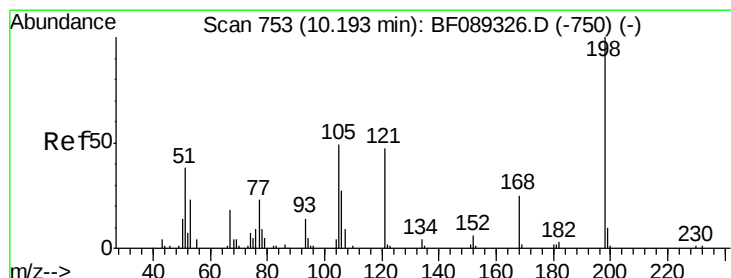
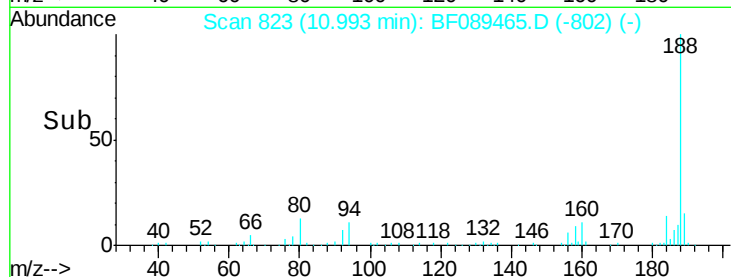
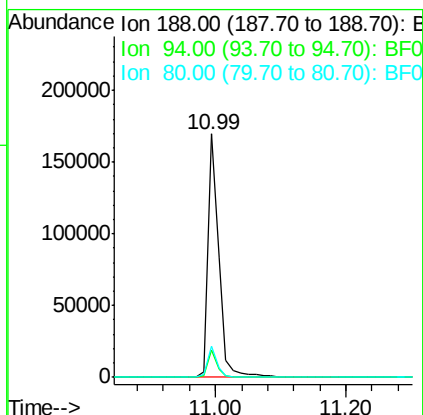
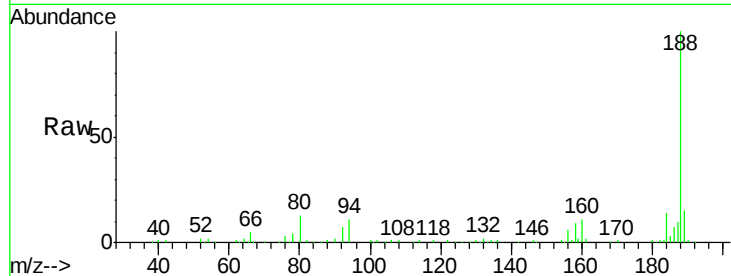




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.06 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

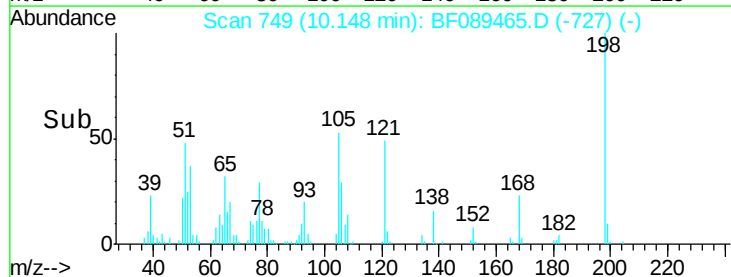
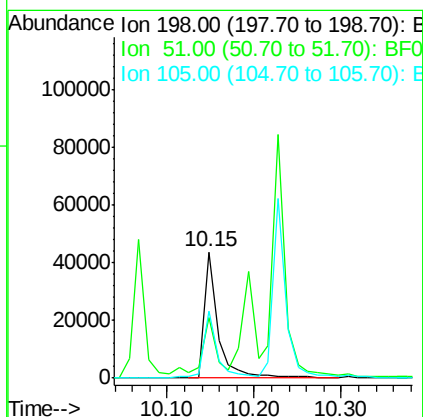
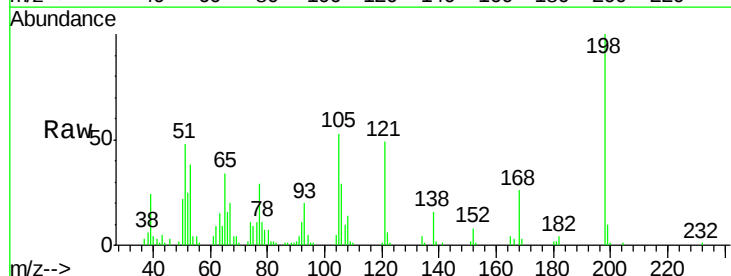
Instrument :
 BNA_F
 ClientSampleId :

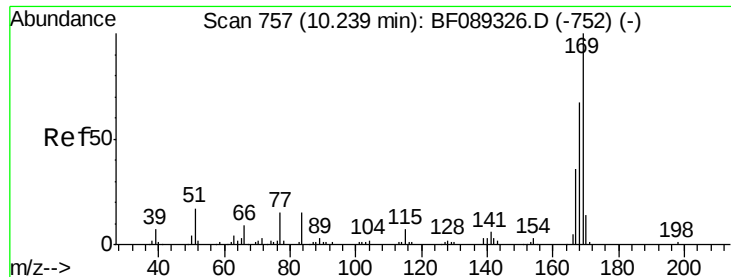
Tot Ion:188 Resp: 195292
 Ion Ratio Lower Upper
 188 100
 94 11.2 6.5 9.7#
 80 13.0 7.2 10.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.45 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.05 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

Tgt Ion:198 Resp: 48095
 Ion Ratio Lower Upper
 198 100
 51 48.0 23.0 63.0
 105 53.0 28.3 68.3

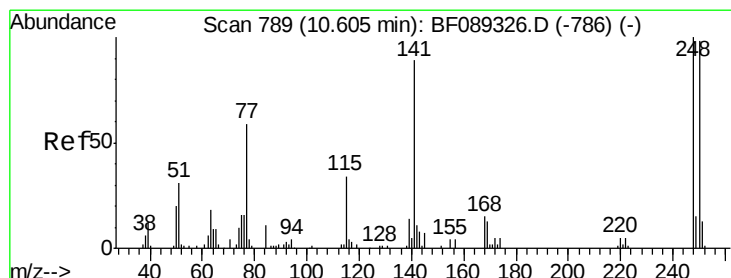
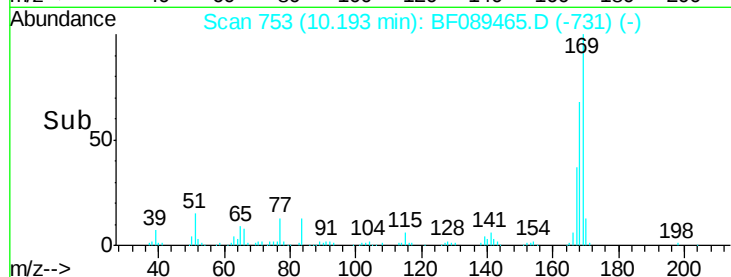
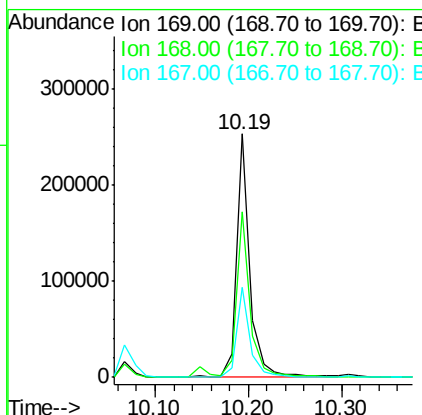
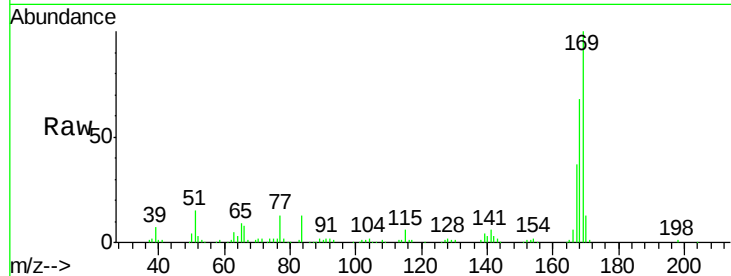




#65
 n-Nitrosodiphenylamine
 Concen: 41.94 ng
 RT: 10.19 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

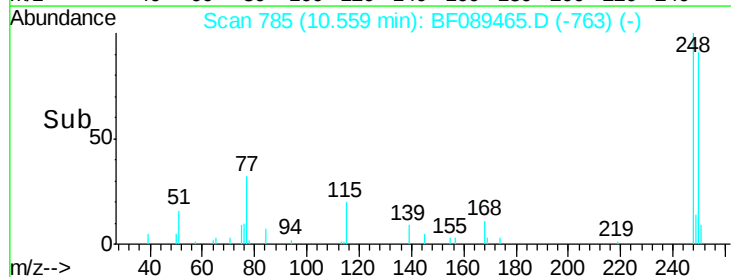
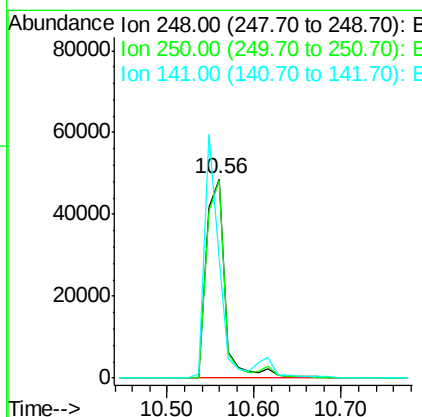
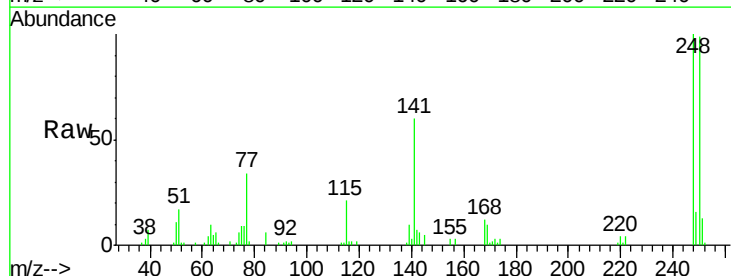
Instrument :
 BNA_F
 ClientSampleId :

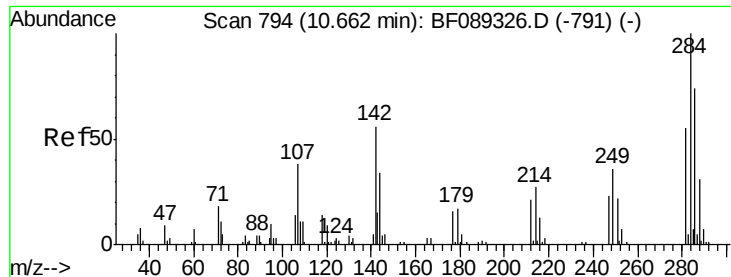
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.9	55.4	83.0
167	37.0	29.7	44.5



#66
 4-Bromophenyl-phenylether
 Concen: 39.31 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.5	78.2	117.2
141	60.0	62.0	93.0

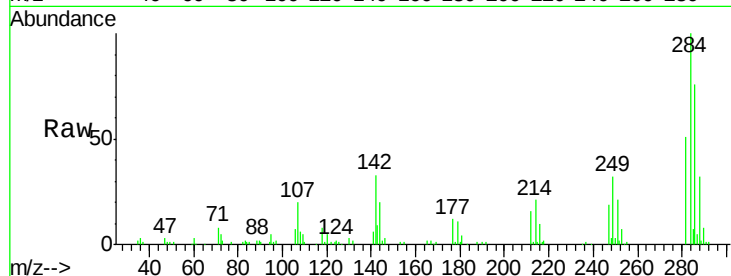




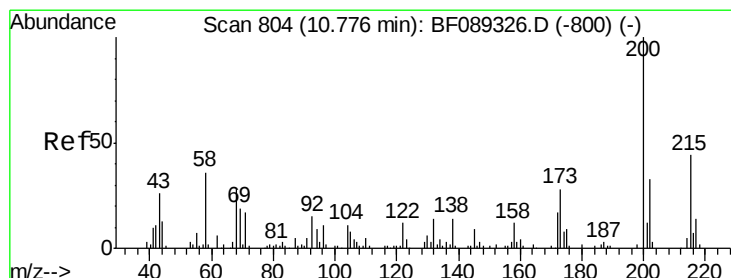
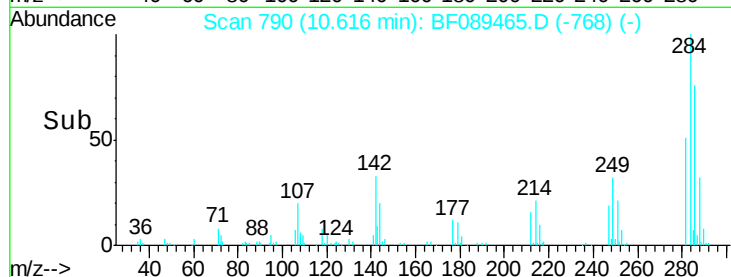
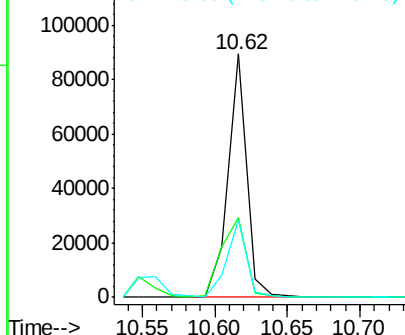
#67
Hexachlorobenzene
Concen: 42.08 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.05 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 80407
Ion Ratio Lower Upper
284 100
142 32.6 42.2 63.4#
249 31.8 29.4 44.0

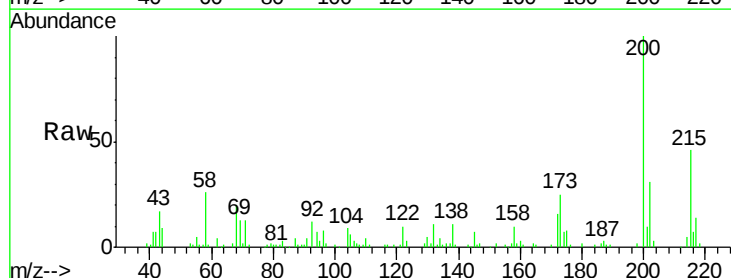


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

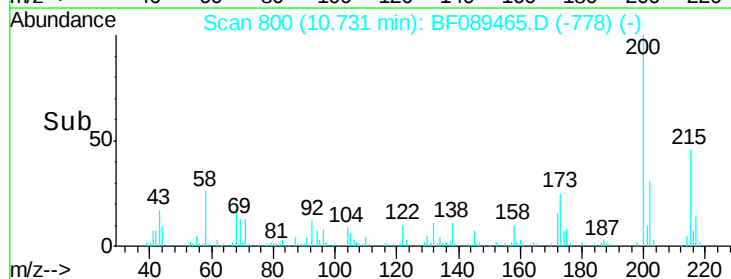
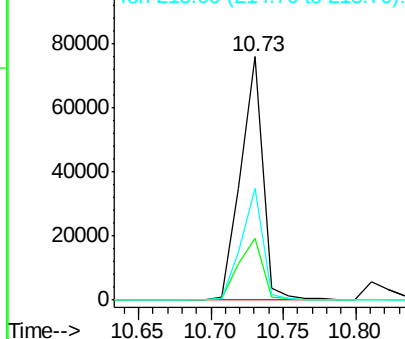


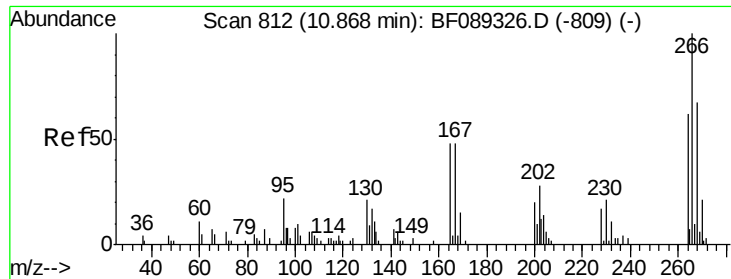
#68
Atrazine
Concen: 43.22 ng
RT: 10.73 min Scan# 800
Delta R.T. -0.05 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

Tgt Ion:200 Resp: 80902
Ion Ratio Lower Upper
200 100
173 25.3 6.0 46.0
215 45.8 24.3 64.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

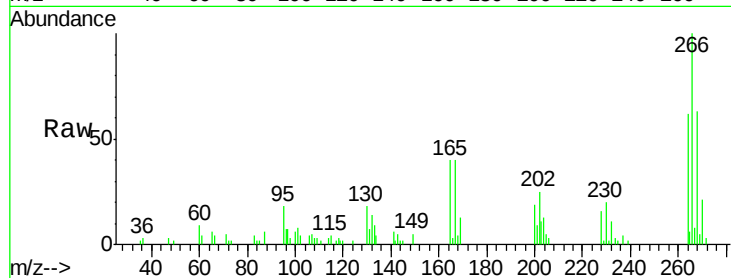




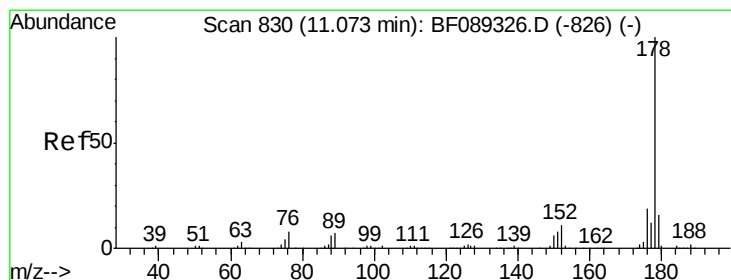
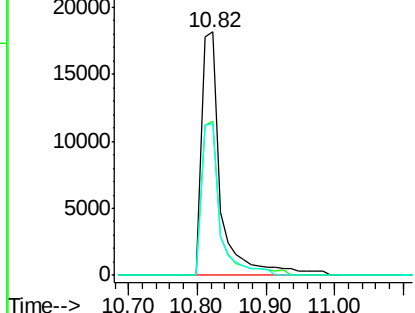
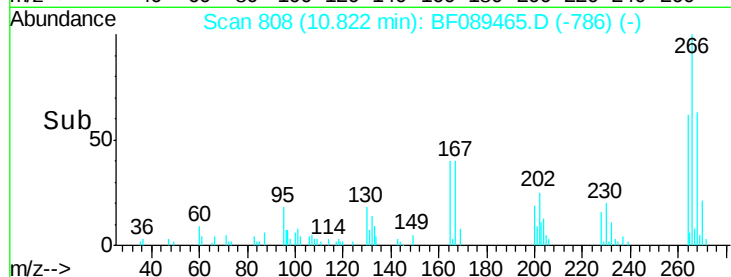
#69
 Pentachlorophenol
 Concen: 40.80 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.05 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 34793
 Ion Ratio Lower Upper
 266 100
 268 63.4 49.4 74.2
 264 62.3 50.2 75.2

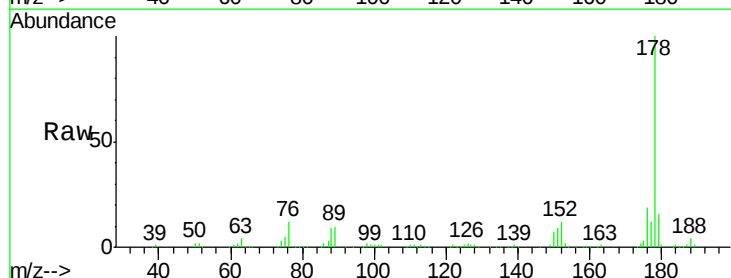


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

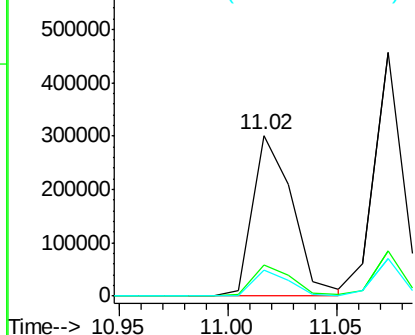
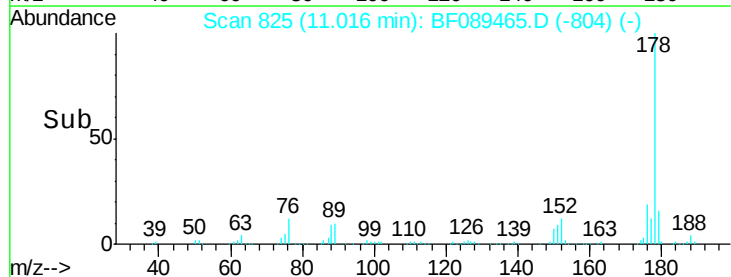


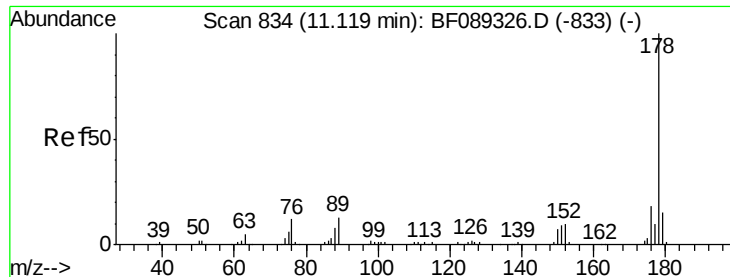
#70
 Phenanthrene
 Concen: 38.30 ng
 RT: 11.02 min Scan# 825
 Delta R.T. -0.06 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

Tgt Ion:178 Resp: 385748
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.5 23.3
 179 15.9 12.3 18.5



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

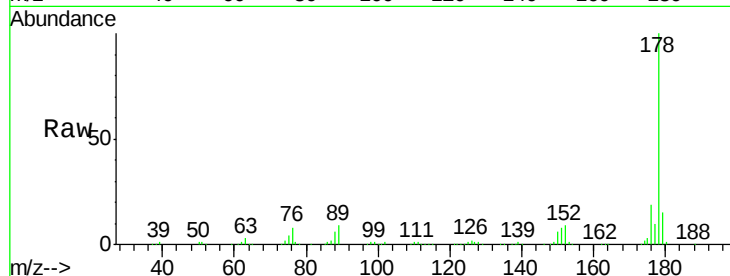




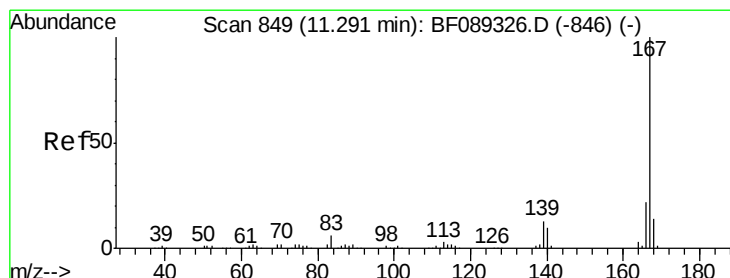
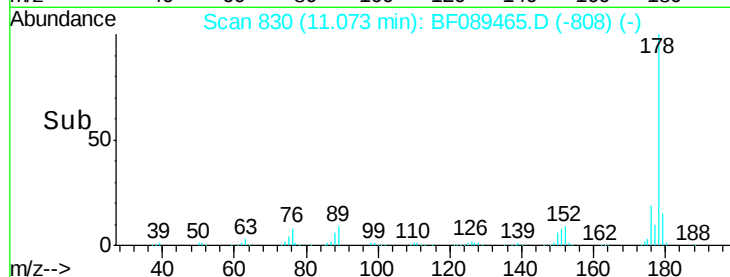
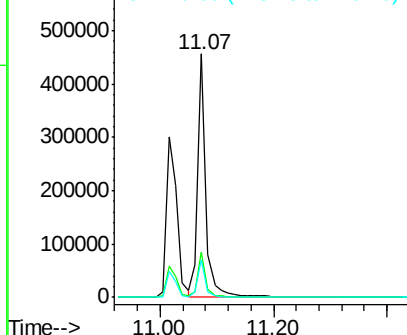
#71
 Anthracene
 Concen: 40.76 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.05 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 456476
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.8 22.2
 179 15.4 12.6 18.8

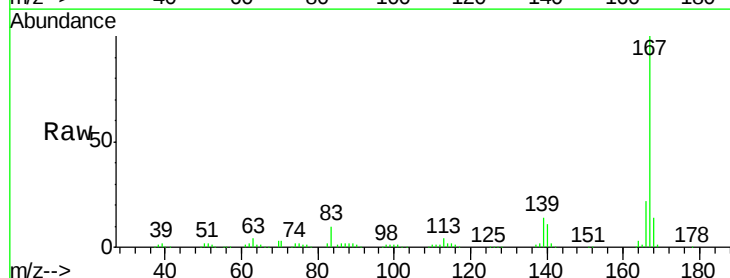


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

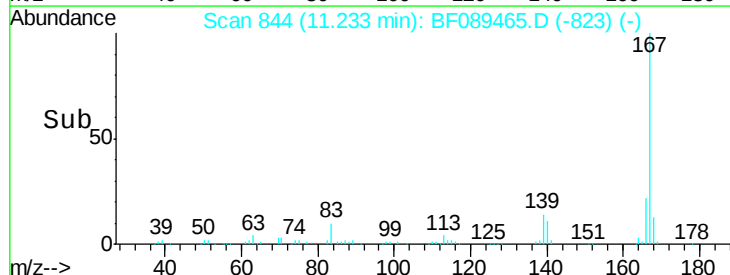
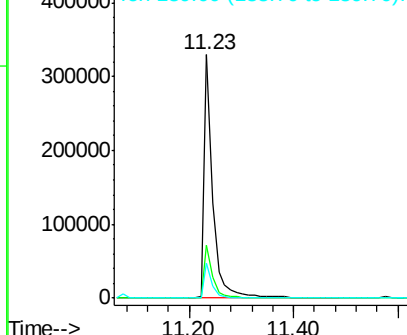


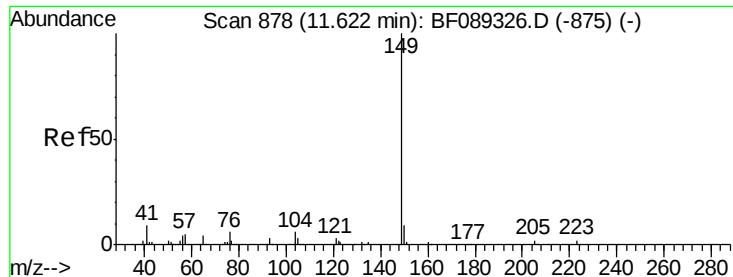
#72
 Carbazole
 Concen: 41.05 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.06 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

Tgt Ion:167 Resp: 386954
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 14.4 10.1 15.1



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





#73

Di-n-butylphthalate

Concen: 38.28 ng

RT: 11.58 min Scan# 874

Delta R.T. -0.05 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

Instrument :

BNA_F

ClientSampleId :

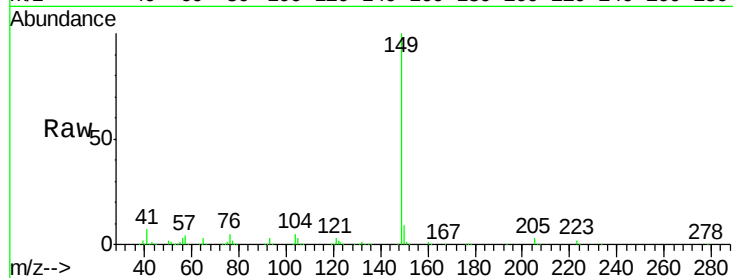
Tot Ion:149 Resp: 484155

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

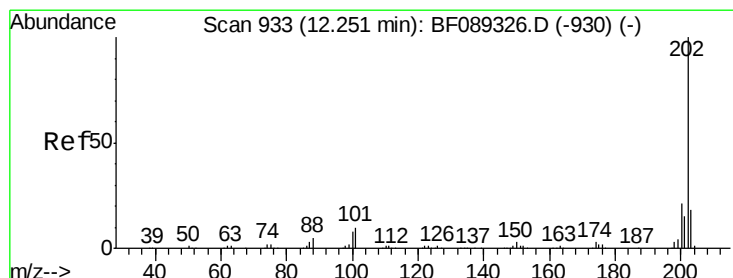
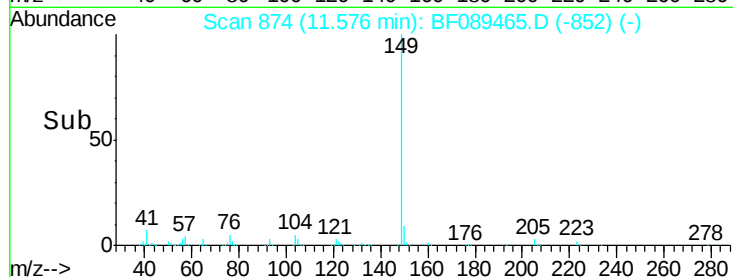
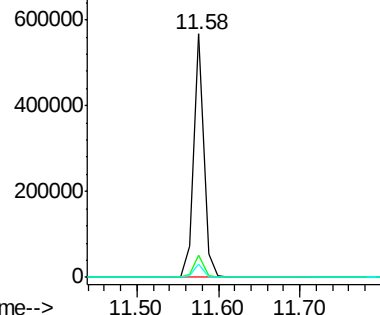
104 5.4 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.94 ng

RT: 12.19 min Scan# 928

Delta R.T. -0.06 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

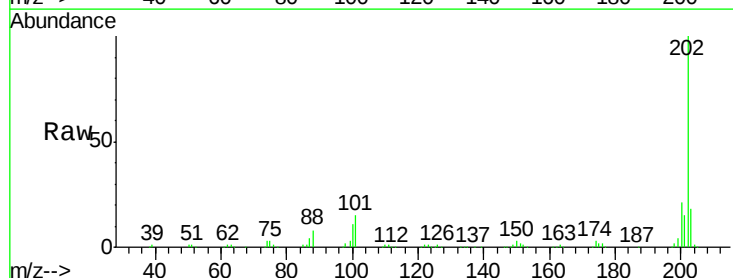
Tgt Ion:202 Resp: 412538

Ion Ratio Lower Upper

202 100

101 15.1 0.0 29.9

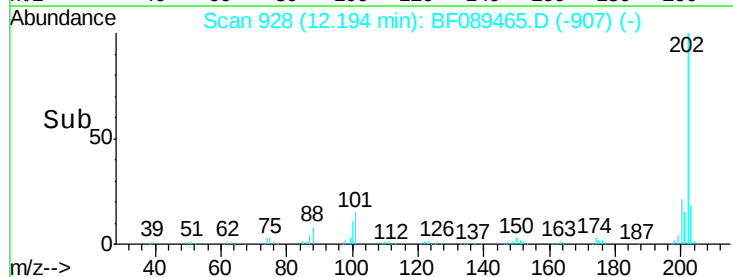
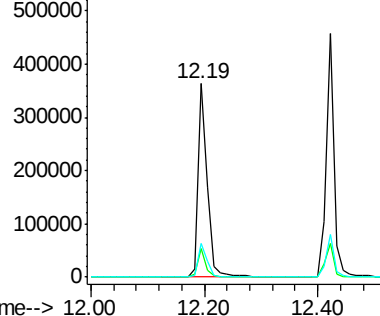
203 17.6 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.06 min

Lab File: BF089465.D

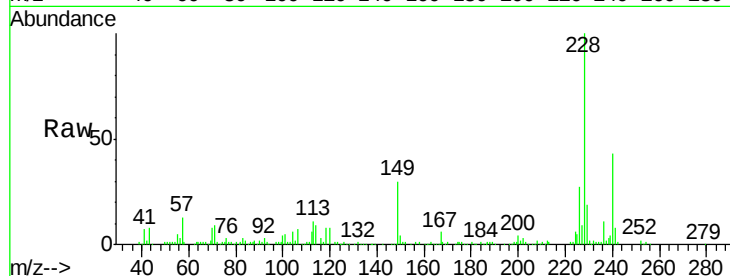
Acq: 31 Jul 2016 10:53

Instrument :

BNA_F

ClientSampled :

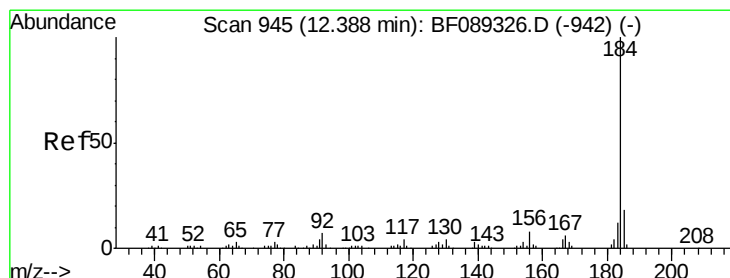
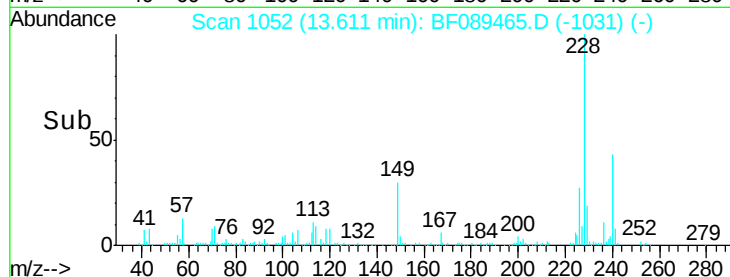
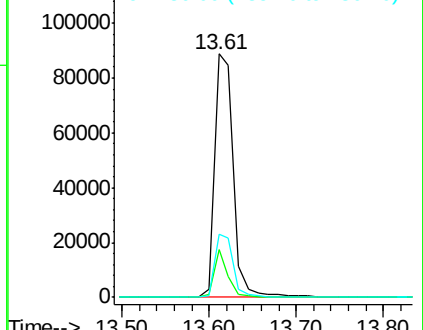
Tot Ion	Ratio	Lower	Upper
240	100		
120	19.7	9.1	13.7#
236	25.9	20.6	30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.12 ng

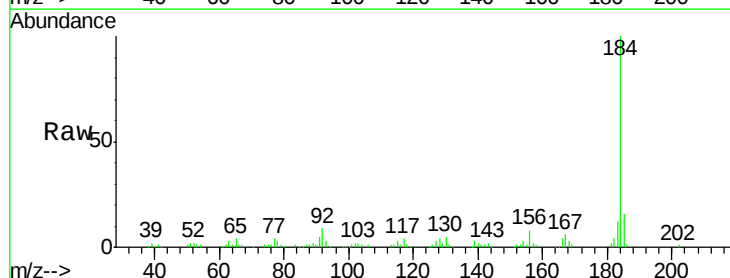
RT: 12.33 min Scan# 940

Delta R.T. -0.06 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

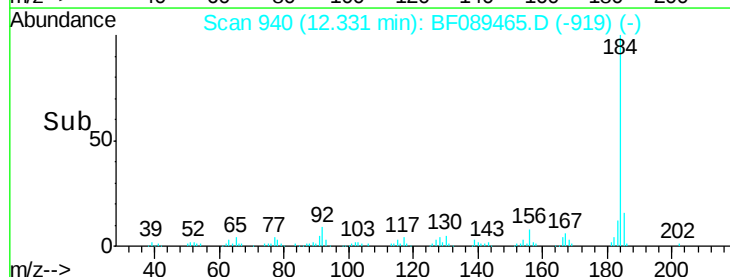
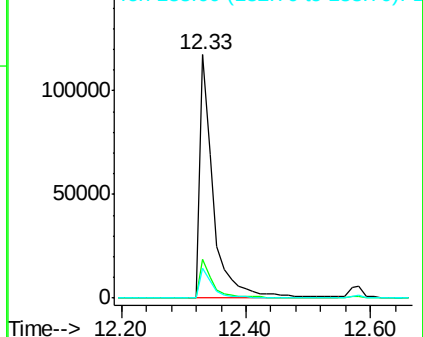
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.9	13.5	20.3
183	12.1	9.8	14.6

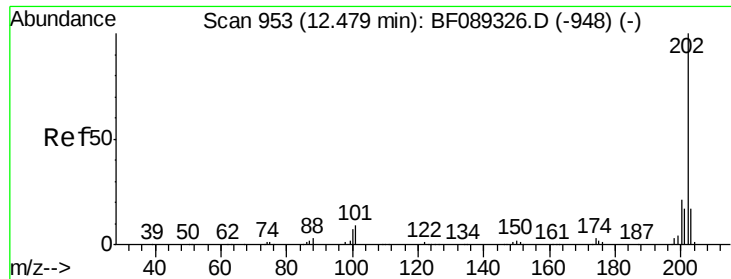


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

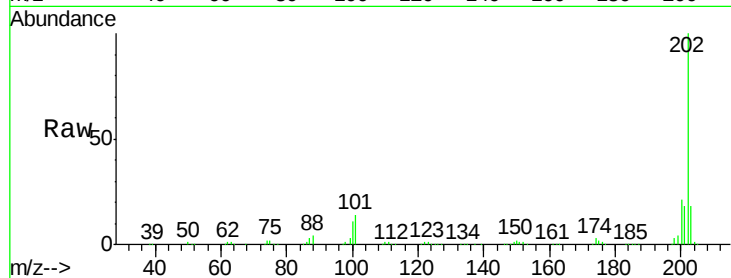




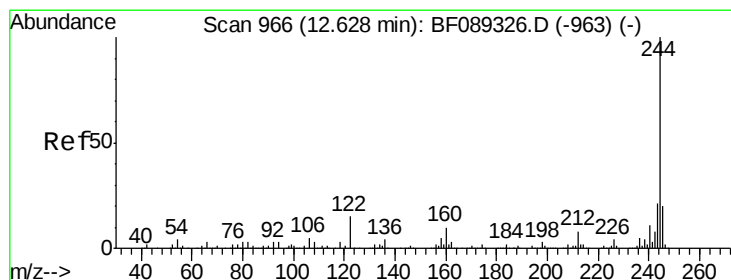
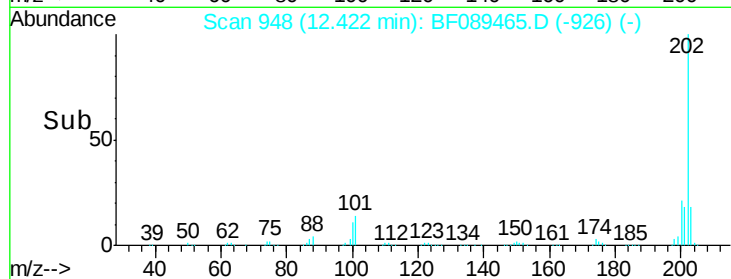
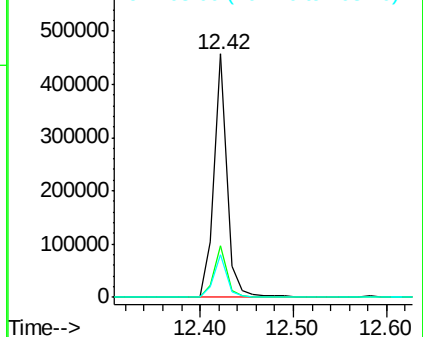
#77
 Pvrene
 Concen: 43.59 ng
 RT: 12.42 min Scan# 948
 Delta R.T. -0.05 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 445822
 Ion Ratio Lower Upper
 202 100
 200 21.3 16.9 25.3
 203 17.5 14.0 21.0

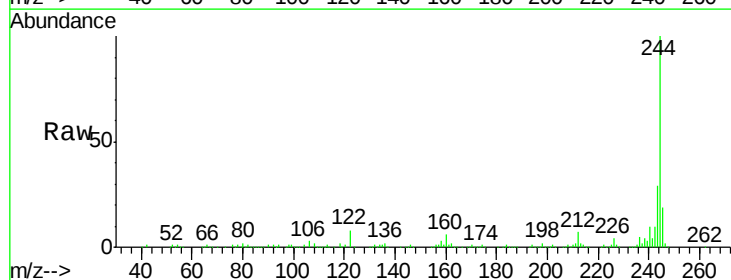


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

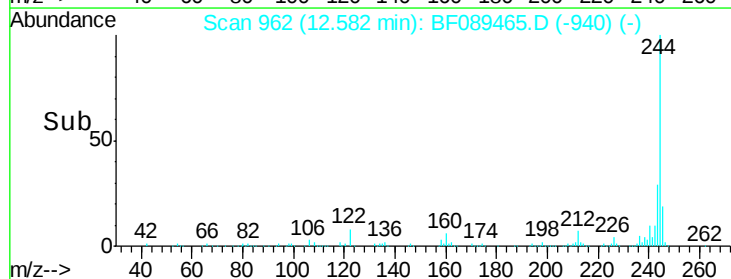
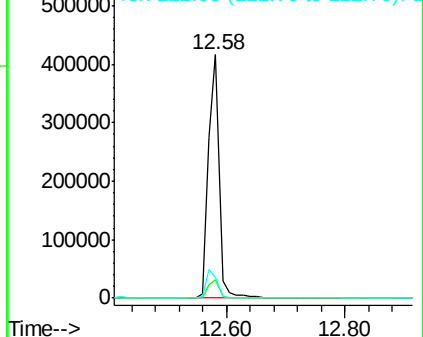


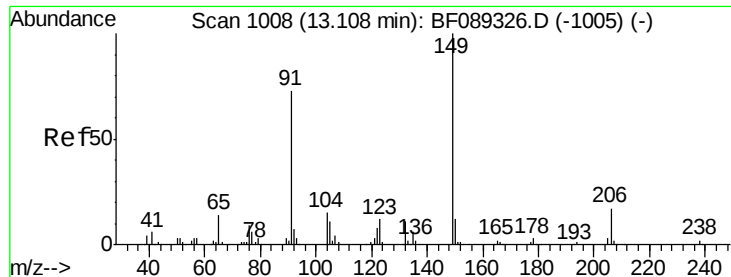
#78
 Terphenyl-d14
 Concen: 90.85 ng
 RT: 12.58 min Scan# 962
 Delta R.T. -0.05 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

Tgt Ion:244 Resp: 523902
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 8.4 11.4 17.0#



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

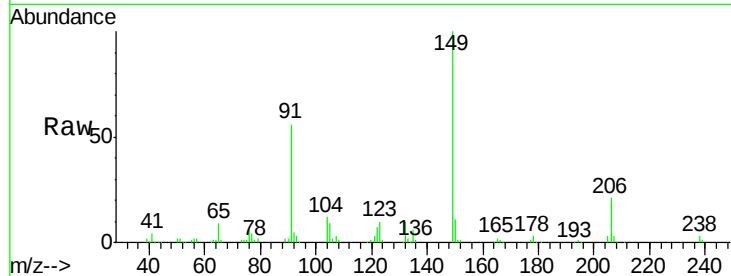




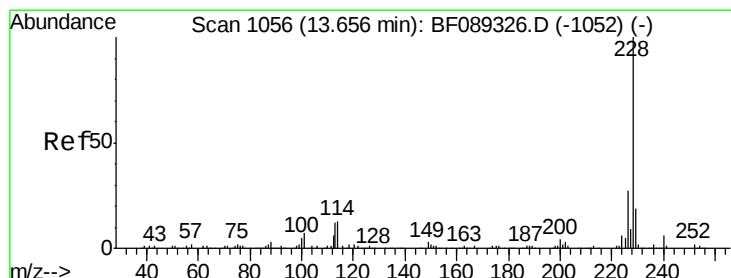
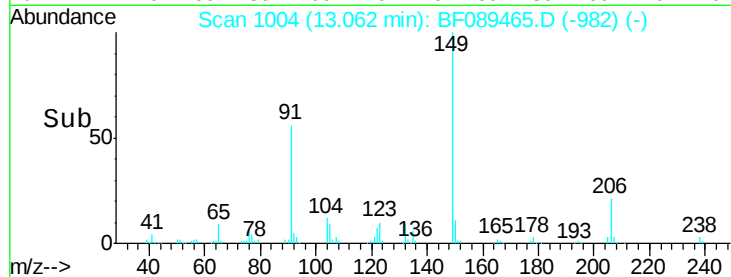
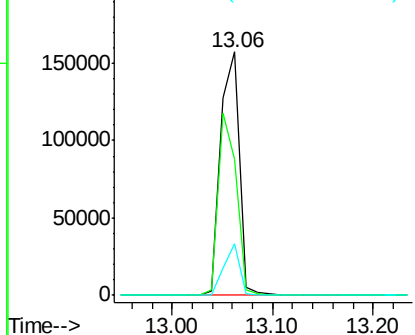
#79
Butylbenzylphthalate
Concen: 43.86 ng
RT: 13.06 min Scan# 1004
Delta R.T. -0.05 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 203964
Ion Ratio Lower Upper
149 100
91 56.1 58.5 87.7#
206 21.0 13.8 20.8#

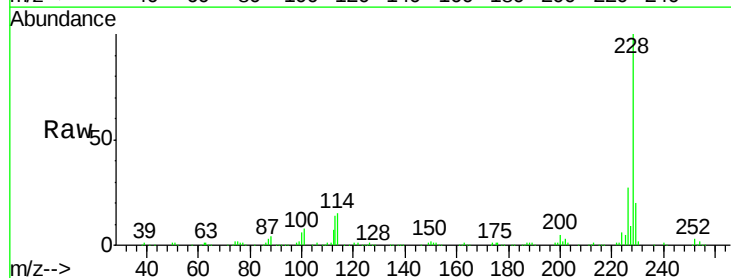


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

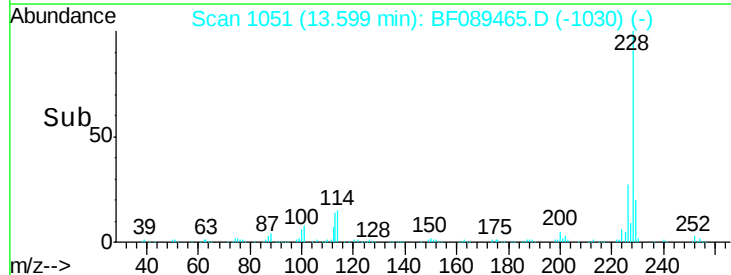
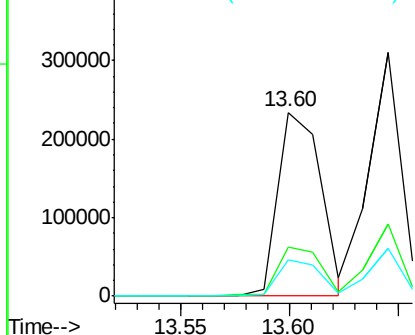


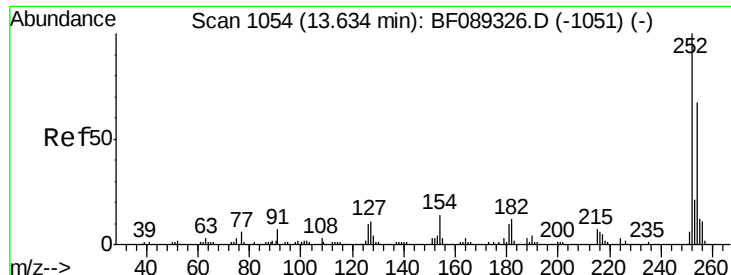
#80
Benzo(a)anthracene
Concen: 42.53 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.06 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

Tgt Ion:228 Resp: 323920
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.2
229 19.8 15.9 23.9



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

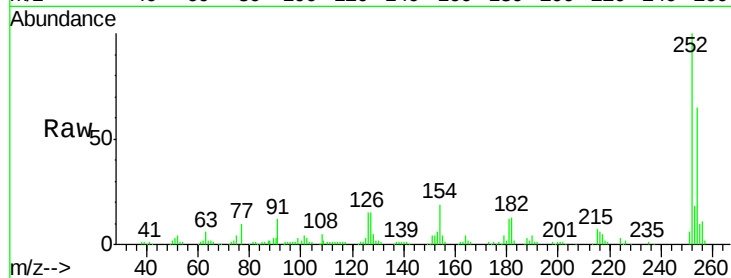




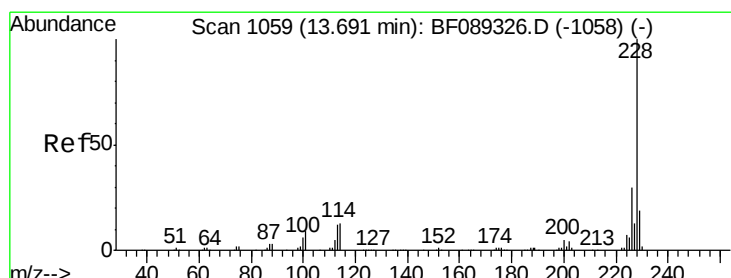
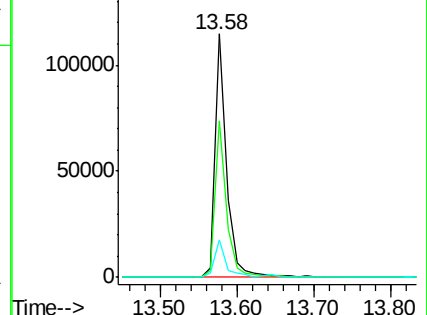
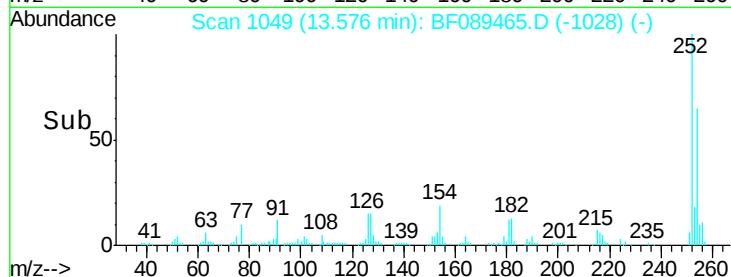
#81
 3,3'-Dichlorobenzidine
 Concen: 43.28 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.06 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 118610
 Ion Ratio Lower Upper
 252 100
 254 64.6 52.5 78.7
 126 15.3 7.4 11.2#

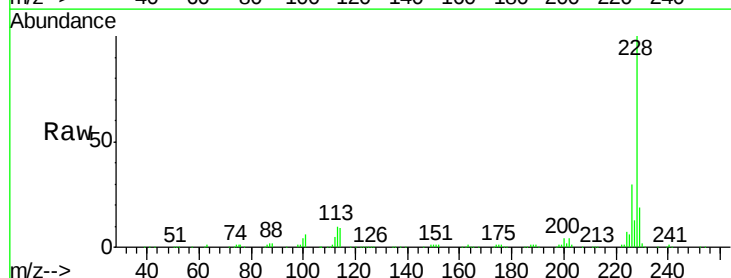


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

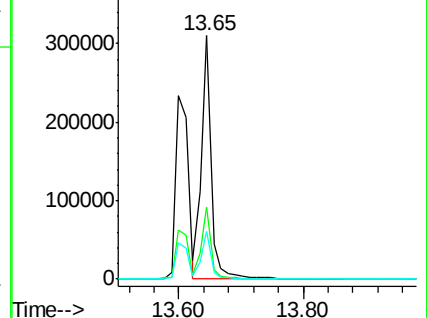
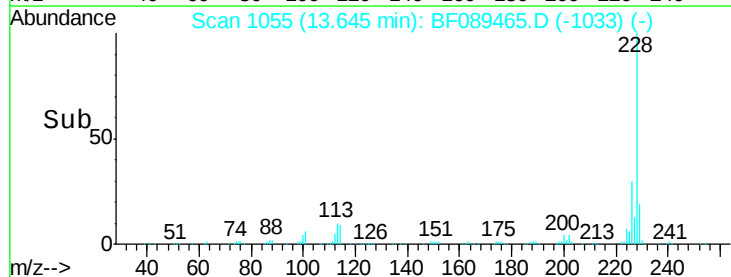


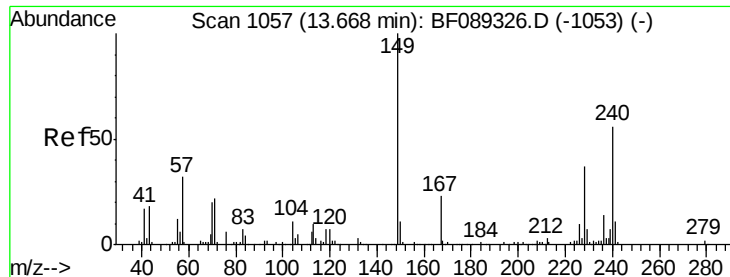
#82
 Chrysene
 Concen: 42.81 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.05 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

Tgt Ion:228 Resp: 347107
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.2 36.2
 229 19.4 15.9 23.9



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.67 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.05 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

Instrument :

BNA_F

ClientSampleId :

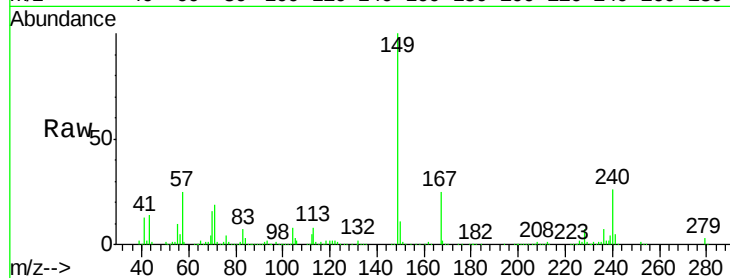
Tot Ion:149 Resp: 286848

Ion Ratio Lower Upper

149 100

167 24.9 18.8 28.2

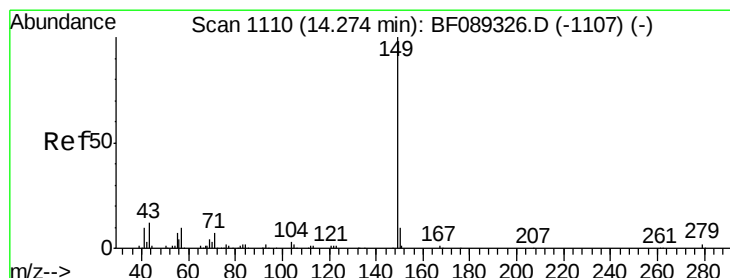
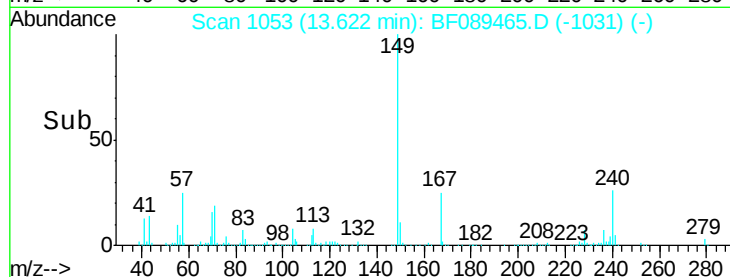
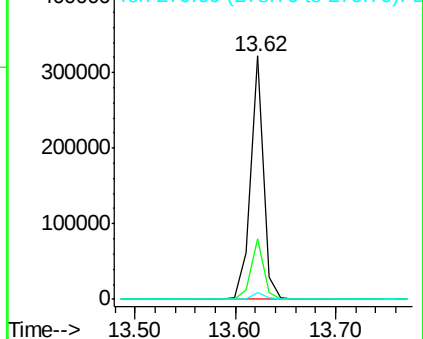
279 2.5 1.4 2.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.38 ng

RT: 14.23 min Scan# 1106

Delta R.T. -0.05 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

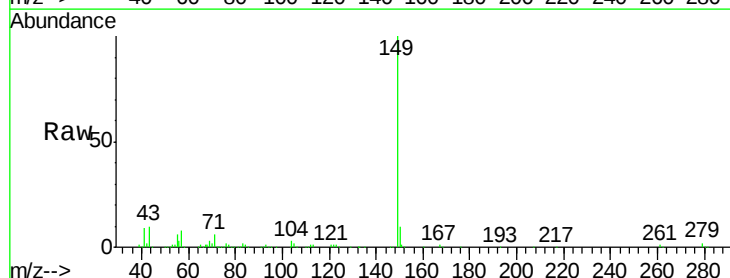
Tgt Ion:149 Resp: 465556

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

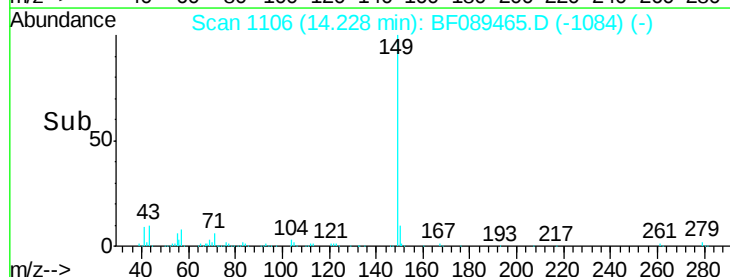
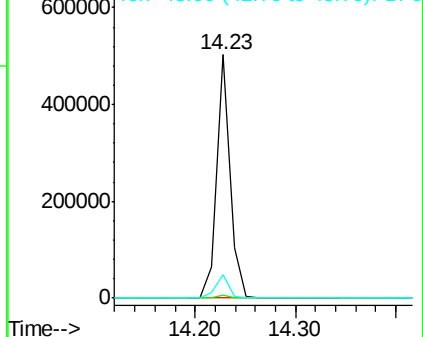
43 9.9 7.3 10.9

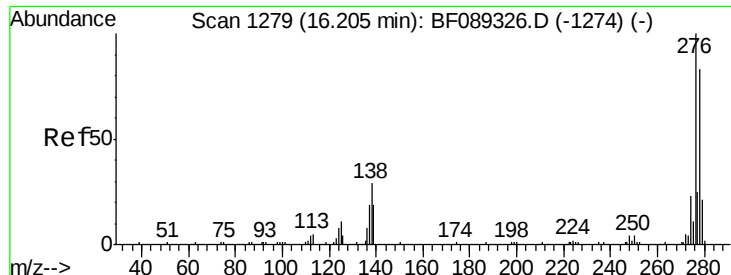


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

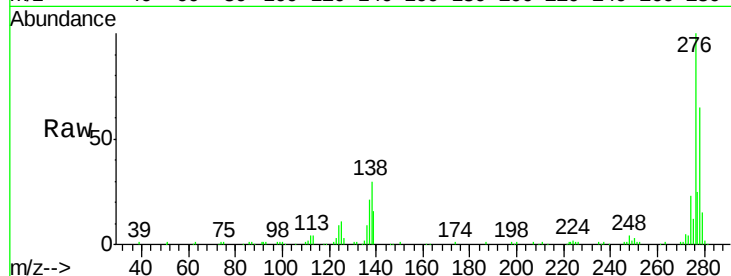




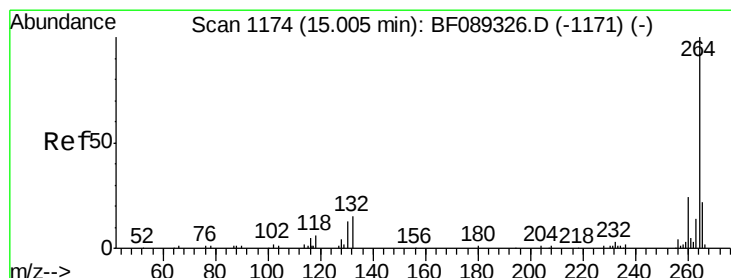
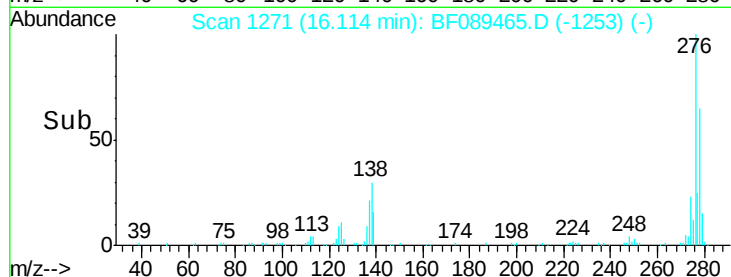
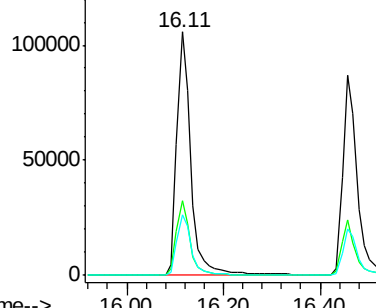
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.63 ng
 RT: 16.11 min Scan# 1271
 Delta R.T. -0.09 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.7	23.0	34.4
277	25.6	20.2	30.4

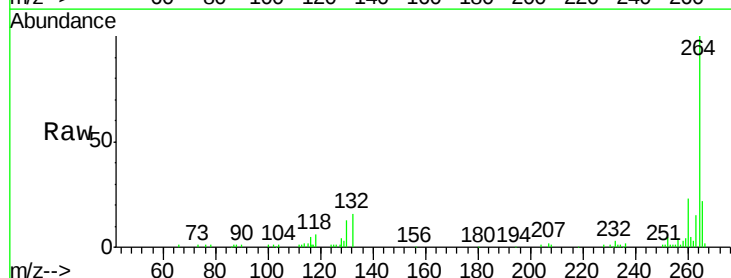


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

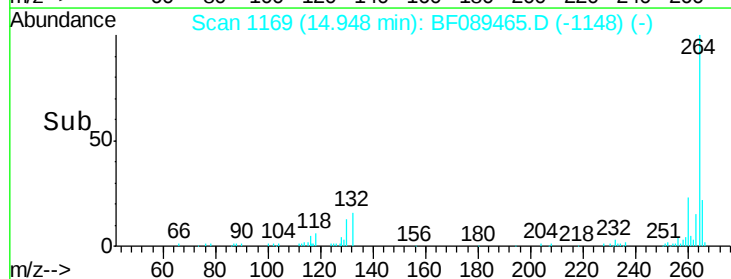
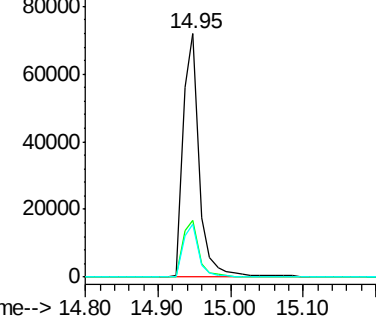


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF089465.D
 Acq: 31 Jul 2016 10:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.4
265	21.9	17.5	26.3



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





#87

Benzo(b)fluoranthene

Concen: 81.97 ng

RT: 14.63 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

Instrument :

BNA_F

ClientSampleId :

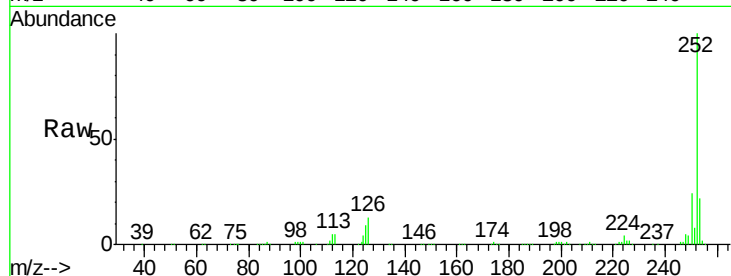
Tot Ion:252 Resp: 562285

Ion Ratio Lower Upper

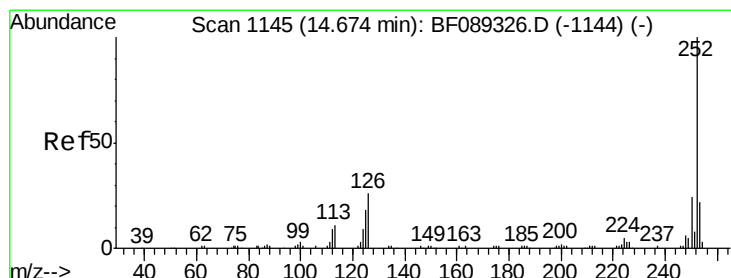
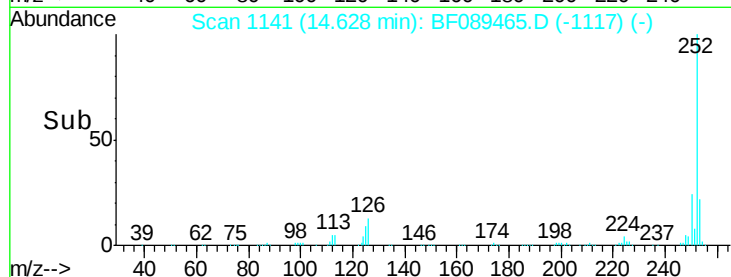
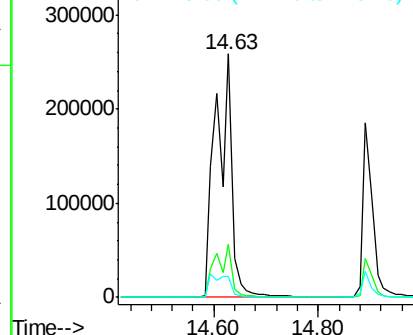
252 100

253 21.7 17.2 25.8

125 8.8 9.7 14.5#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 89.21 ng

RT: 14.63 min Scan# 1141

Delta R.T. -0.05 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

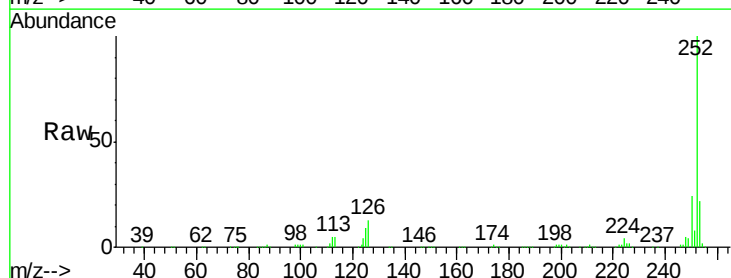
Tgt Ion:252 Resp: 562624

Ion Ratio Lower Upper

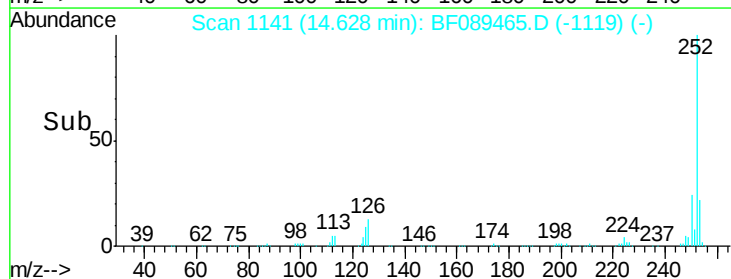
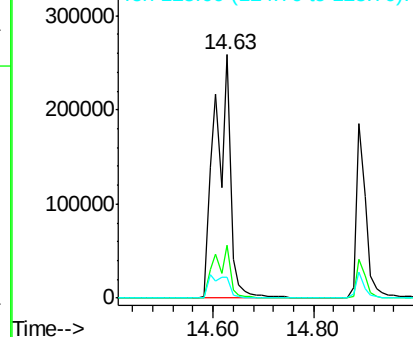
252 100

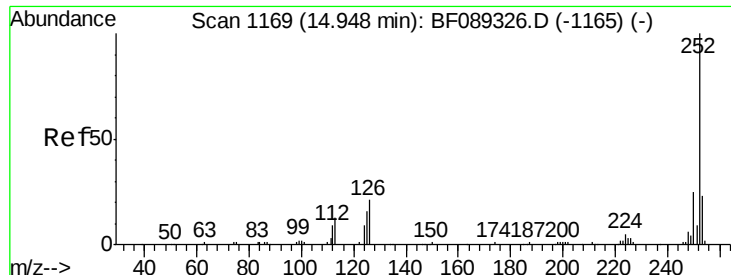
253 21.7 17.8 26.8

125 8.8 10.7 16.1#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

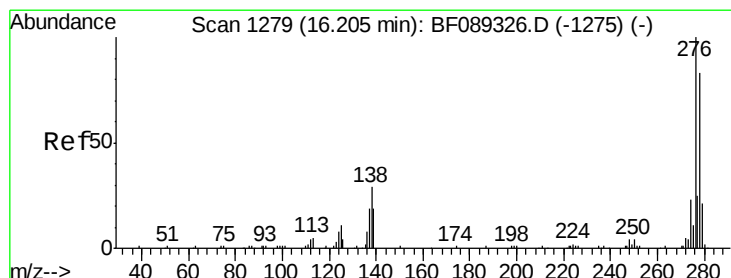
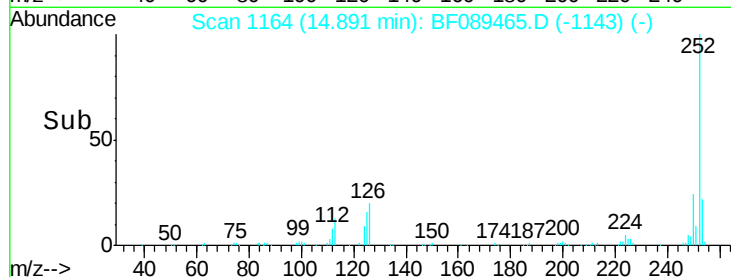
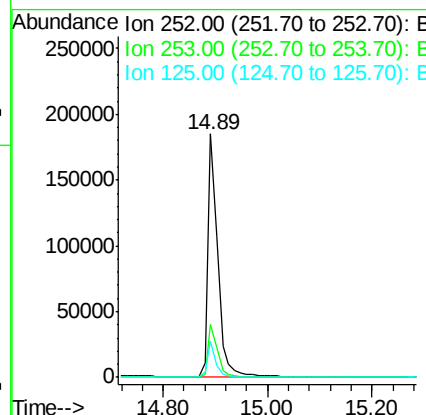
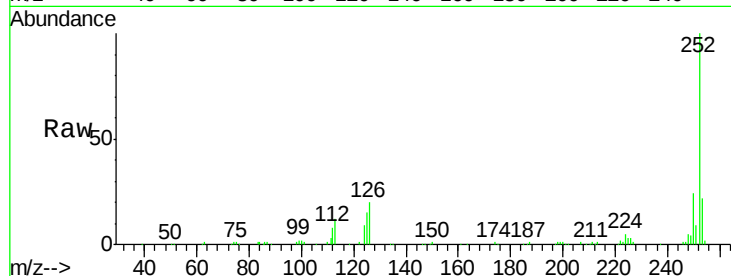




#89
Benzo(a)pyrene
Concen: 39.47 ng
RT: 14.89 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

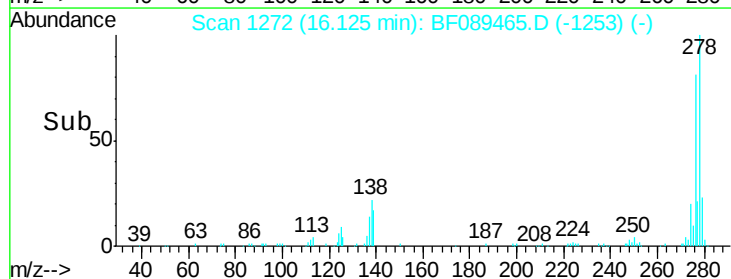
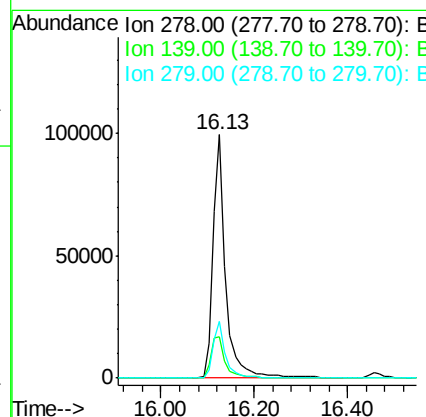
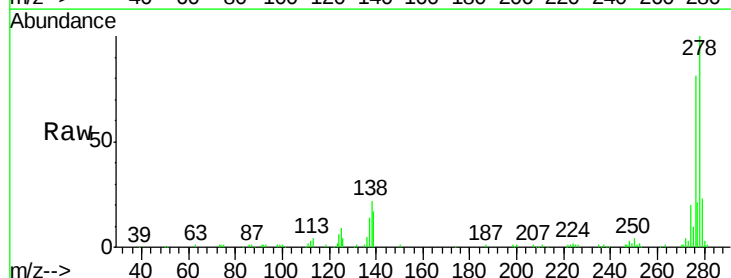
Instrument :
BNA_F
ClientSampled :

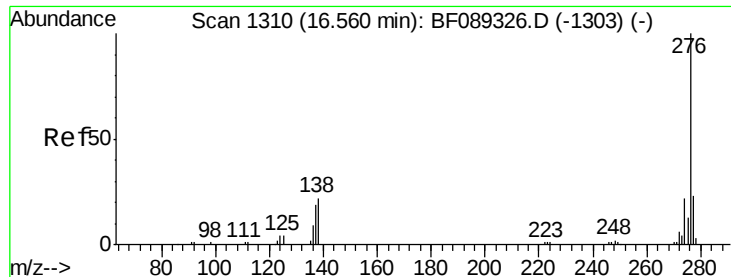
Tot Ion:252 Resp: 242894
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 15.1 12.4 18.6



#90
Dibenzo(a,h)anthracene
Concen: 39.42 ng
RT: 16.13 min Scan# 1272
Delta R.T. -0.08 min
Lab File: BF089465.D
Acq: 31 Jul 2016 10:53

Tgt Ion:278 Resp: 191093
Ion Ratio Lower Upper
278 100
139 16.9 16.3 24.5
279 23.1 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 39.32 ng

RT: 16.46 min Scan# 1301

Delta R.T. -0.09 min

Lab File: BF089465.D

Acq: 31 Jul 2016 10:53

Instrument :

BNA_F

ClientSampleId :

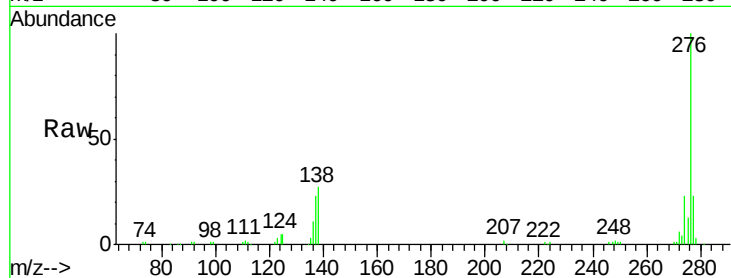
Tot Ion:276 Resp: 187382

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 27.4 21.4 32.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

