

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072916\
 Data File : BF089413.D
 Acq On : 29 Jul 2016 16:31
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 18:16:25 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	6.51	152	63438	20.00	ng	-0.03
21) Naphthalene-d8	7.80	136	263237	20.00	ng	-0.02
38) Acenaphthene-d10	9.55	164	119735	20.00	ng	-0.02
63) Phenanthrene-d10	11.02	188	231988	20.00	ng	-0.03
75) Chrysene-d12	13.65	240	149569	20.00	ng	-0.02
86) Perylene-d12	14.97	264	122969	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	324938	81.79	ng	-0.02
7) Phenol-d6	6.18	99	399906	76.17	ng	-0.02
23) Nitrobenzene-d5	7.10	82	360675	80.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	85046	85.76	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	692838	84.92	ng	-0.02
78) Terphenyl-d14	12.61	244	572933	89.65	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.91	88	67651	37.35	ng	99
3) Pyridine	2.50	79	167215	43.02	ng	98
4) n-Nitrosodimethylamine	2.48	42	65981	42.32	ng	94
6) Aniline	6.18	93	236196	41.66	ng	94
8) 2-Chlorophenol	6.31	128	181207	40.32	ng	98
9) Benzaldehyde	6.06	77	101505	39.59	ng	94
10) Phenol	6.19	94	219434	37.87	ng	95
11) bis(2-Chloroethyl)ether	6.27	93	183578	37.29	ng	99
12) 1,3-Dichlorobenzene	6.46	146	183443	39.02	ng	95
13) 1,4-Dichlorobenzene	6.54	146	204964	39.51	ng	96
14) 1,2-Dichlorobenzene	6.54	146	207487	42.69	ng	97
15) Benzyl Alcohol	6.68	79	135413	41.56	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.81	45	207438	38.63	ng	88
17) 2-Methylphenol	6.81	107	132522	38.15	ng	# 92
18) Hexachloroethane	7.03	117	78749	39.59	ng	# 89
19) n-Nitroso-di-n-propylamine	6.96	70	129578	40.93	ng	95
20) 3+4-Methylphenols	6.97	107	181195	40.62	ng	# 82
22) Acetophenone	6.95	105	266795	42.57	ng	# 99
24) Nitrobenzene	7.12	77	204087	40.21	ng	99
25) Isophorone	7.36	82	346926	38.62	ng	99
26) 2-Nitrophenol	7.43	139	90950	40.08	ng	# 83
27) 2,4-Dimethylphenol	7.48	122	142021	39.29	ng	98
28) bis(2-Chloroethoxy)methane	7.58	93	204174	41.06	ng	99
29) 2,4-Dichlorophenol	7.68	162	141335	42.90	ng	100
30) 1,2,4-Trichlorobenzene	7.75	180	147616	39.28	ng	# 95
31) Naphthalene	7.83	128	520764	39.95	ng	100
32) Benzoic acid	7.67	122	109544	43.49	ng	99
33) 4-Chloroaniline	7.90	127	196645	39.63	ng	98
34) Hexachlorobutadiene	7.95	225	83199	38.65	ng	98
35) Caprolactam	8.28	113	43501	43.75	ng	92
36) 4-Chloro-3-methylphenol	8.39	107	157784	40.30	ng	98
37) 2-Methylnaphthalene	8.51	142	294329	37.47	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	170982	40.81	ng	100
40) Hexachlorocyclopentadiene	8.67	237	44011	41.66	ng	98

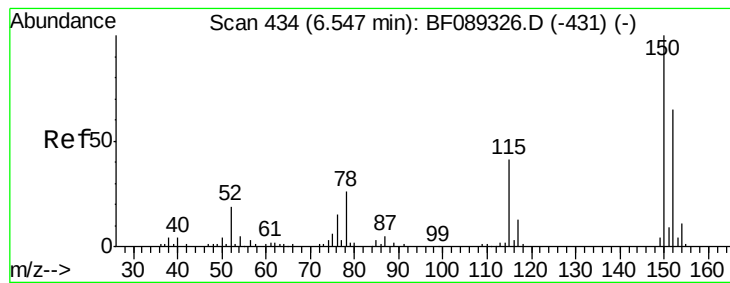
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072916\
 Data File : BF089413.D
 Acq On : 29 Jul 2016 16:31
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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Quant Time: Jul 29 18:16:25 2016
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 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	8.81	196	88687	44.52	nq	96
43) 2,4,5-Trichlorophenol	8.84	196	97255	38.54	nq	# 81
45) 1,1'-Biphenyl	8.98	154	398401	39.08	nq	98
46) 2-Chloronaphthalene	9.00	162	322336	42.10	nq	97
47) 2-Nitroaniline	9.11	65	94716	41.77	nq	# 76
48) Acenaphthylene	9.42	152	493114	40.89	nq	100
49) Dimethylphthalate	9.30	163	382420	41.97	nq	100
50) 2,6-Dinitrotoluene	9.36	165	84484	45.12	nq	99
51) Acenaphthene	9.59	154	290087	41.19	nq	99
52) 3-Nitroaniline	9.53	138	85366	43.20	nq	100
53) 2,4-Dinitrophenol	9.64	184	25918	41.39	nq	85
54) Dibenzofuran	9.76	168	377680	39.36	nq	95
55) 4-Nitrophenol	9.76	139	212670	210.10	nq	# 10
56) 2,4-Dinitrotoluene	9.76	165	102926	41.76	nq	91
57) Fluorene	10.09	166	312774	37.34	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.88	232	75195	44.63	nq	98
59) Diethylphthalate	9.99	149	352740	38.18	nq	99
60) 4-Chlorophenyl-phenylether	10.09	204	148389	38.62	nq	# 80
61) 4-Nitroaniline	10.14	138	82182	40.35	nq	99
62) Azobenzene	10.25	77	385403	40.51	nq	94
64) 4,6-Dinitro-2-methylphenol	10.17	198	53903	39.36	nq	92
65) n-Nitrosodiphenylamine	10.22	169	288617	39.87	nq	99
66) 4-Bromophenyl-phenylether	10.58	248	87319	39.42	nq	# 90
67) Hexachlorobenzene	10.64	284	91196	40.18	nq	# 89
68) Atrazine	10.75	200	99967	44.95	nq	99
69) Pentachlorophenol	10.83	266	43522	42.64	nq	99
70) Phenanthrene	11.05	178	459554	38.41	nq	98
71) Anthracene	11.10	178	509207	38.28	nq	100
72) Carbazole	11.26	167	429729	38.38	nq	98
73) Di-n-butylphthalate	11.60	149	568782	37.86	nq	99
74) Fluoranthene	12.22	202	476395	37.85	nq	93
76) Benzidine	12.35	184	247654	44.81	nq	96
77) Pyrene	12.45	202	483443	42.65	nq	100
79) Butylbenzylphthalate	13.09	149	238017	46.18	nq	# 82
80) Benzo(a)anthracene	13.63	228	350699	41.55	nq	99
81) 3,3'-Dichlorobenzidine	13.60	252	128258	42.23	nq	# 95
82) Chrysene	13.67	228	375050	41.74	nq	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	324849	43.60	nq	# 97
84) Di-n-octyl phthalate	14.25	149	499377	42.96	nq	99
85) Indeno(1,2,3-cd)pyrene	16.16	276	280901	43.97	nq	99
87) Benzo(b)fluoranthene	14.65	252	594101	77.80	nq	# 97
88) Benzo(k)fluoranthene	14.65	252	594747	84.71	nq	# 95
89) Benzo(a)pyrene	14.93	252	270960	39.55	nq	# 93
90) Dibenzo(a,h)anthracene	16.17	278	231107	42.83	nq	# 94
91) Benzo(g,h,i)perylene	16.50	276	236607	44.60	nq	99

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

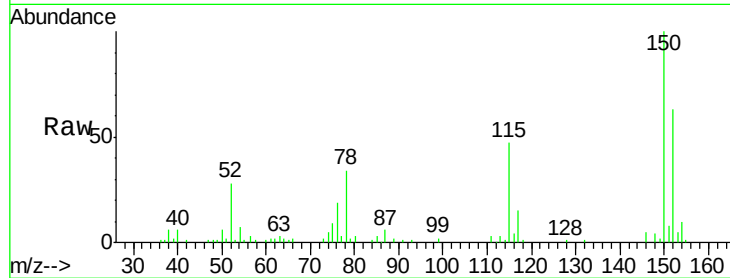


#1

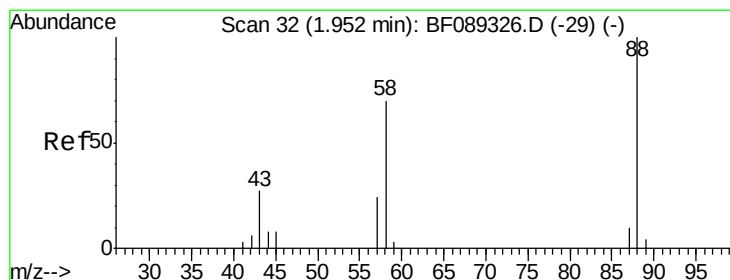
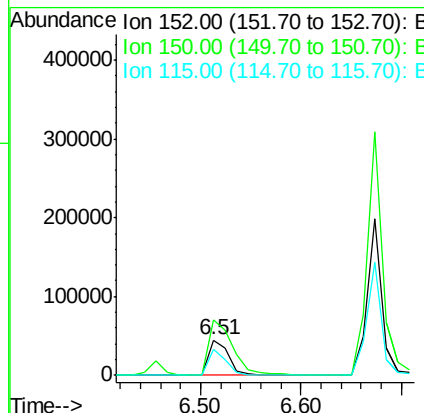
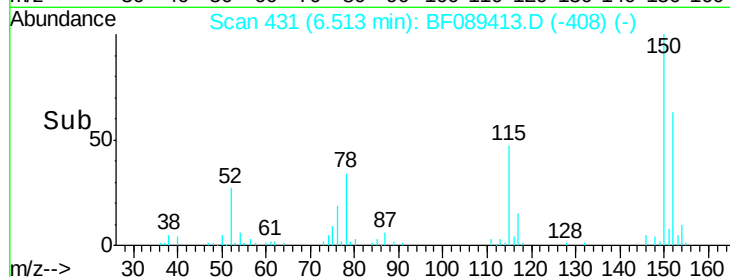
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.51 min Scan# 431
Delta R.T. -0.03 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 63438
Ion Ratio Lower Upper
152 100
150 158.5 129.5 194.3
115 74.4 51.4 77.2



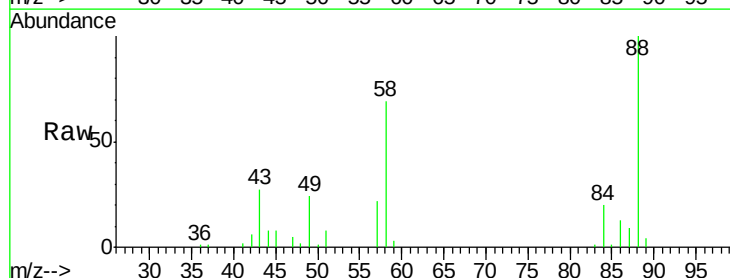
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



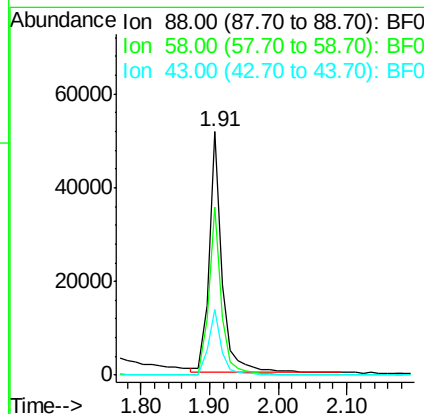
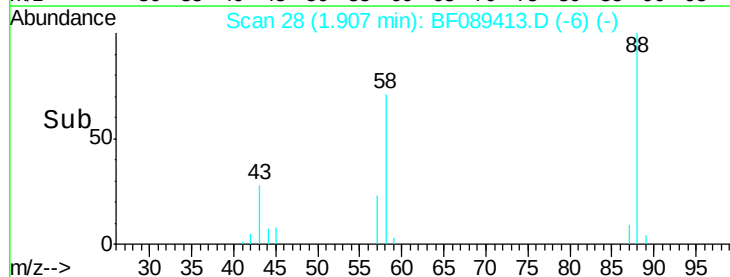
#2

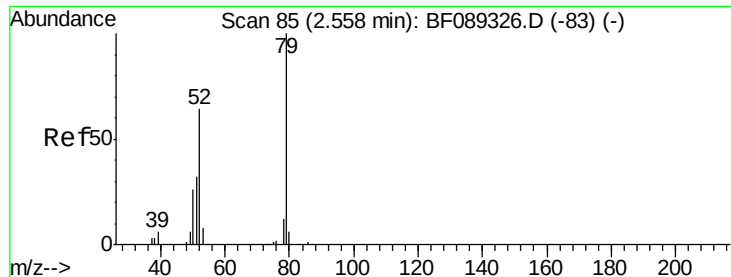
1,4-Dioxane
Concen: 37.35 ng
RT: 1.91 min Scan# 28
Delta R.T. -0.05 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

Tgt Ion: 88 Resp: 67651
Ion Ratio Lower Upper
88 100
58 67.0 53.2 79.8
43 27.3 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: 43.02 ng

RT: 2.50 min Scan# 80

Delta R.T. -0.07 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

Instrument :

BNA_F

ClientSampled :

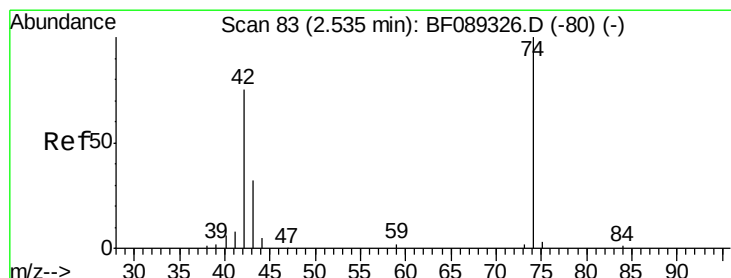
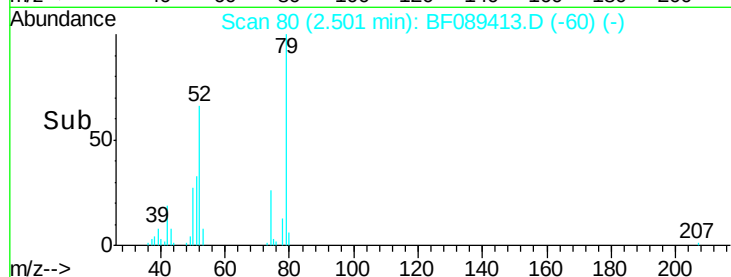
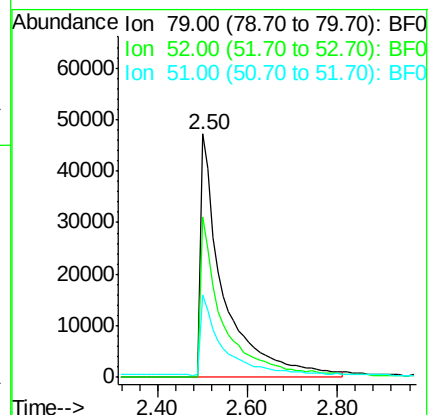
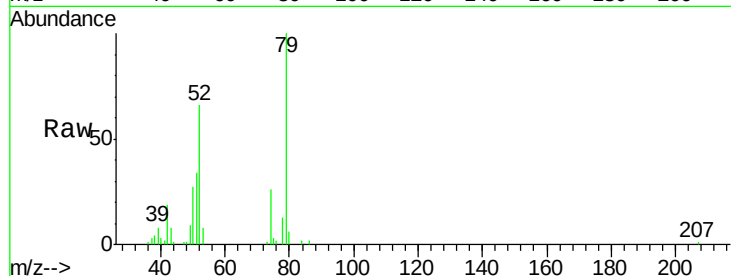
Tot Ion: 79 Resp: 167215

Ion Ratio Lower Upper

79 100

52 65.9 51.9 77.9

51 34.0 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 42.32 ng

RT: 2.48 min Scan# 78

Delta R.T. -0.06 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

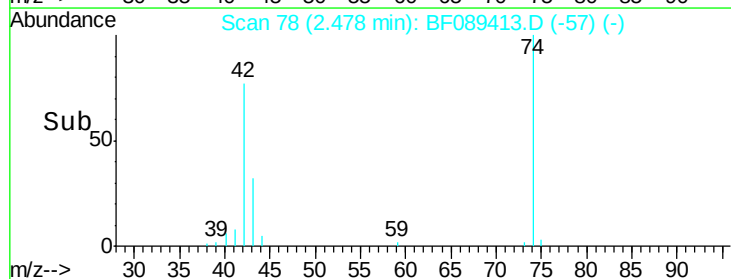
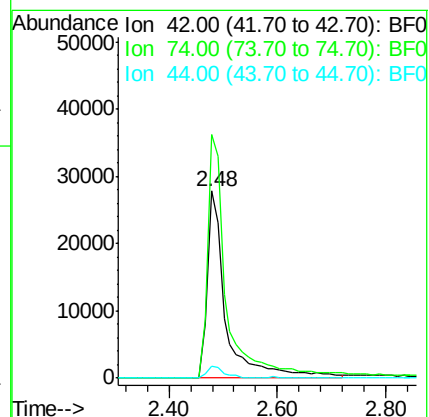
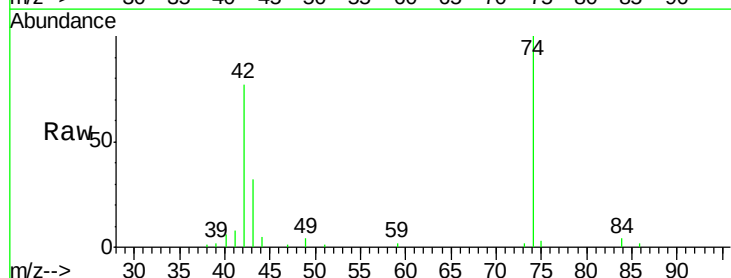
Tgt Ion: 42 Resp: 65981

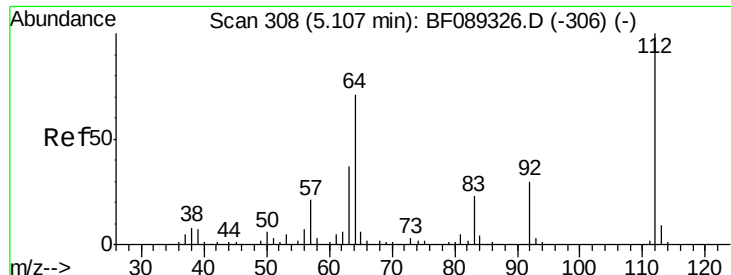
Ion Ratio Lower Upper

42 100

74 130.4 110.8 166.2

44 6.5 5.2 7.8





#5

2-Fluorophenol

Concen: 81.79 ng

RT: 5.08 min Scan# 306

Delta R.T. -0.02 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

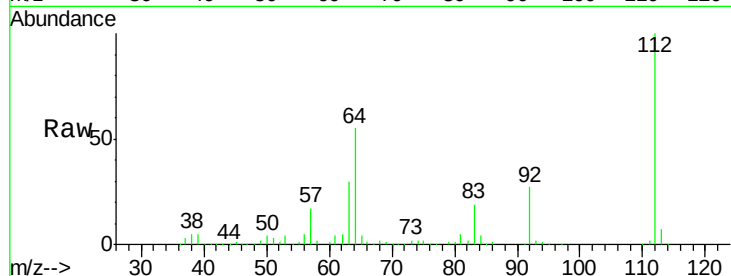
Tot Ion:112 Resp: 324938

Ion Ratio Lower Upper

112 100

64 55.0 55.0 82.6#

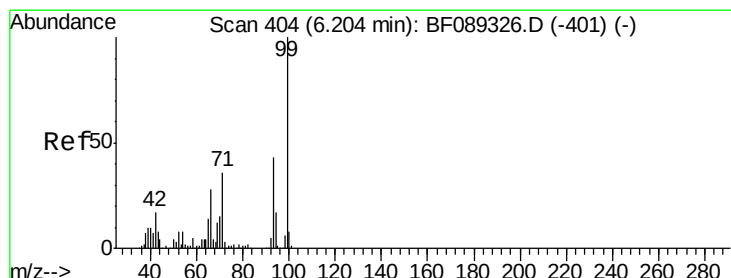
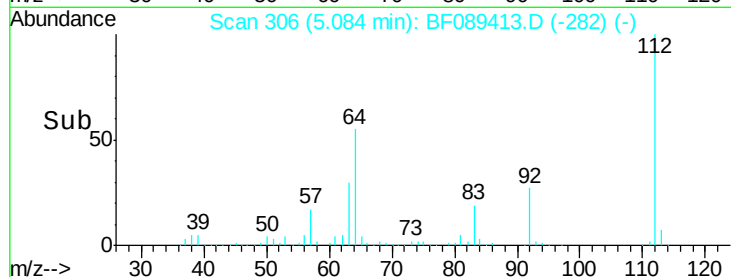
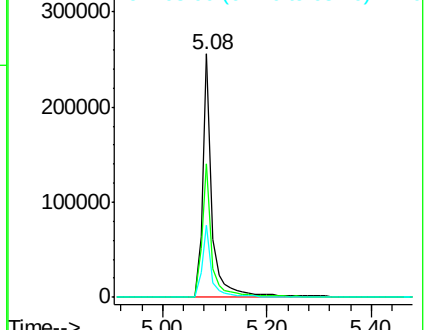
63 29.8 29.4 44.2



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: 41.66 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

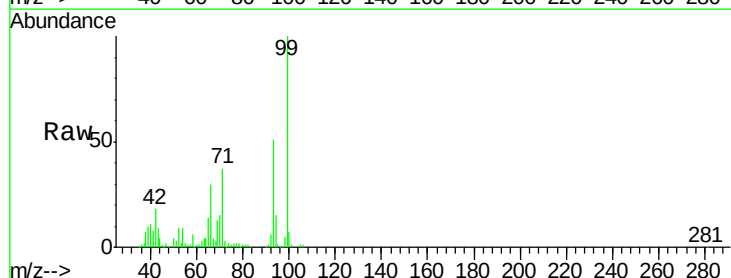
Tgt Ion: 93 Resp: 236196

Ion Ratio Lower Upper

93 100

66 59.2 51.6 77.4

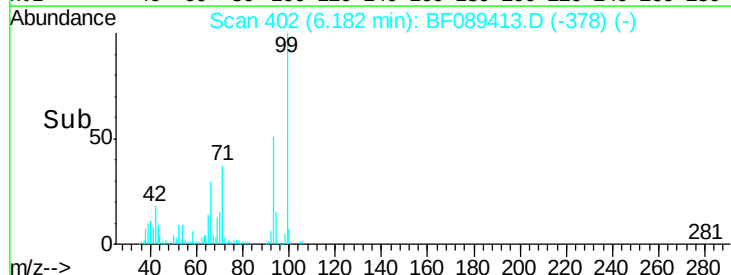
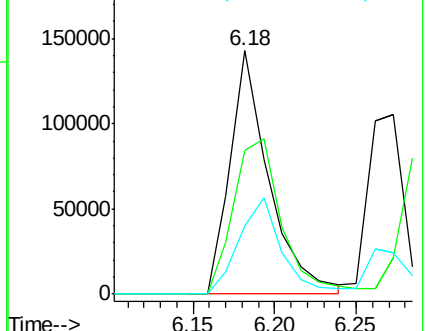
65 28.2 24.7 37.1

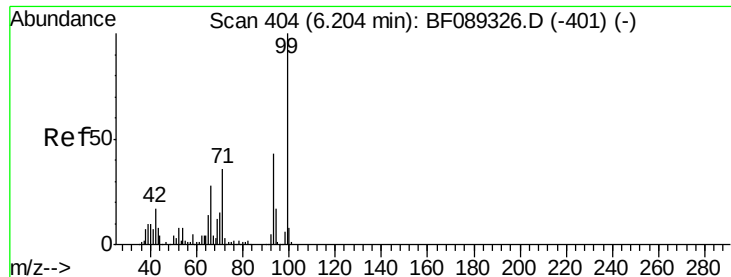


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.17 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

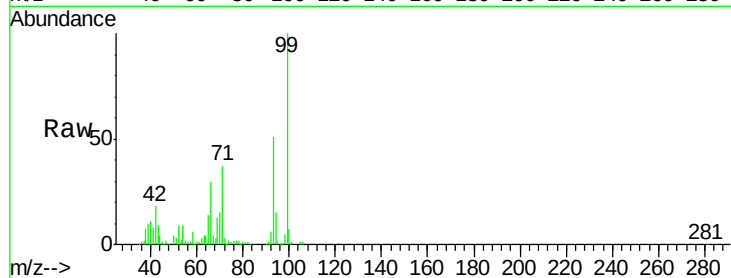
Tot Ion: 99 Resp: 399906

Ion Ratio Lower Upper

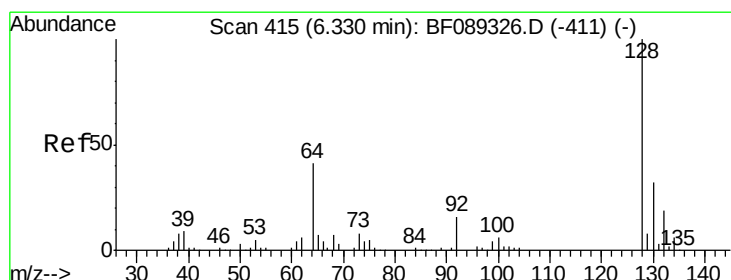
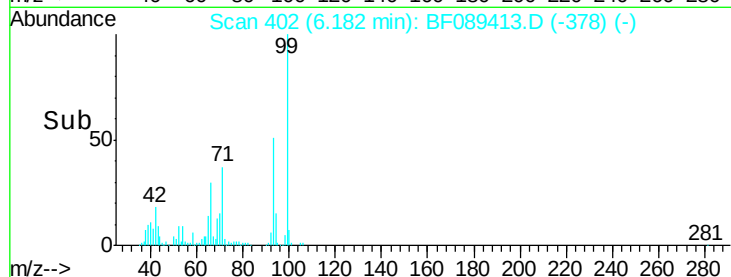
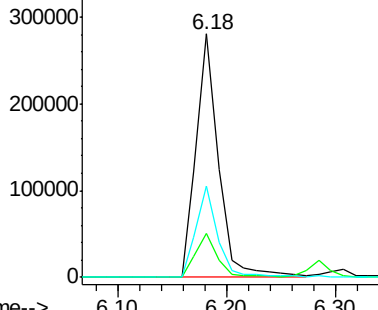
99 100

42 18.2 13.6 20.4

71 37.3 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: 40.32 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

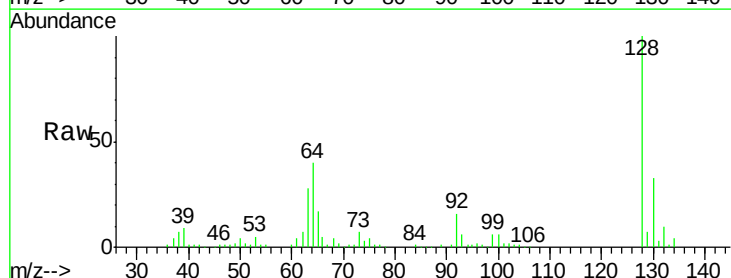
Tgt Ion: 128 Resp: 181207

Ion Ratio Lower Upper

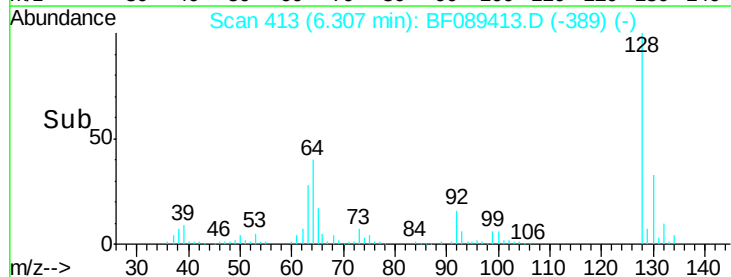
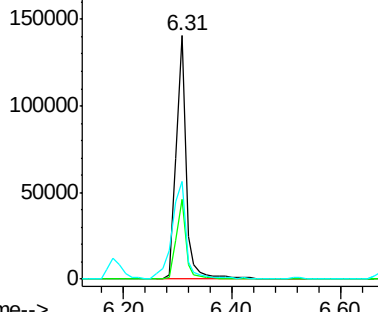
128 100

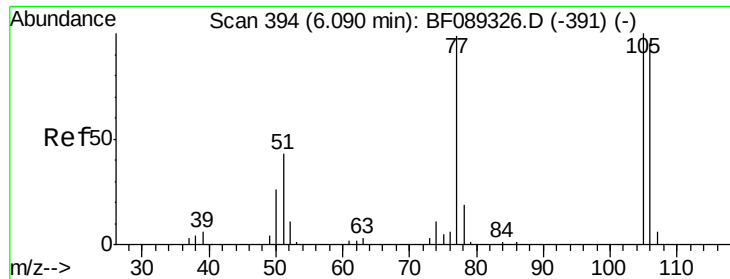
130 32.9 12.6 52.6

64 40.0 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

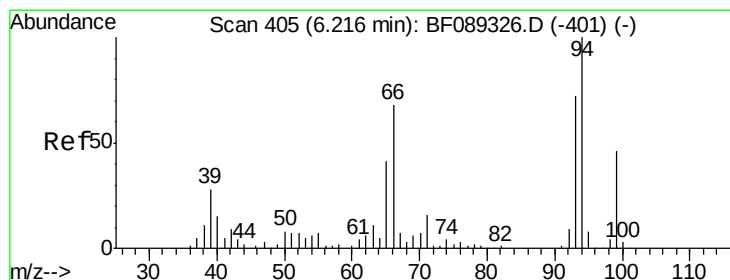
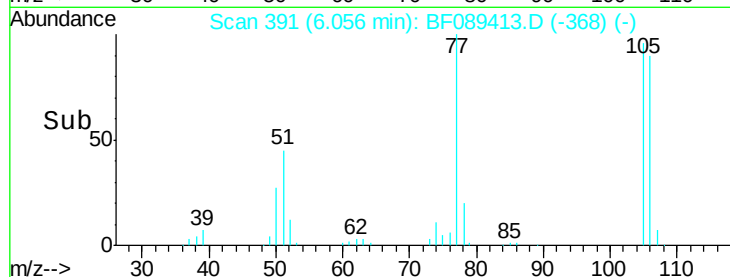
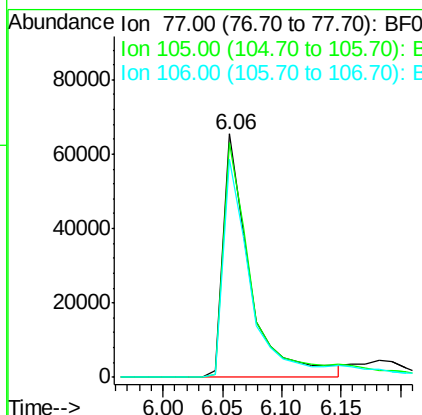
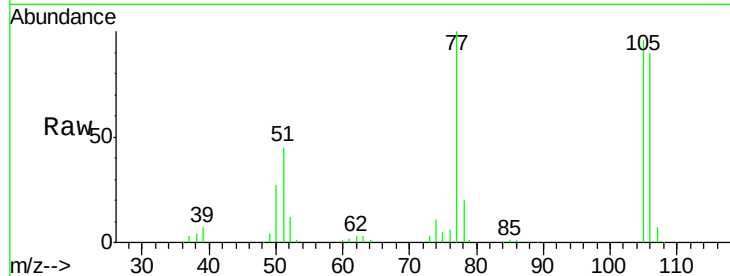




#9
Benzaldehyde
Concen: 39.59 ng
RT: 6.06 min Scan# 391
Delta R.T. -0.03 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

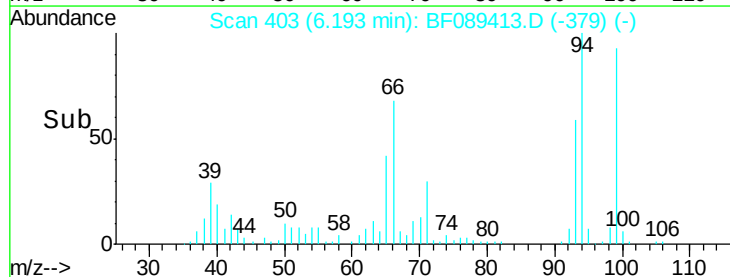
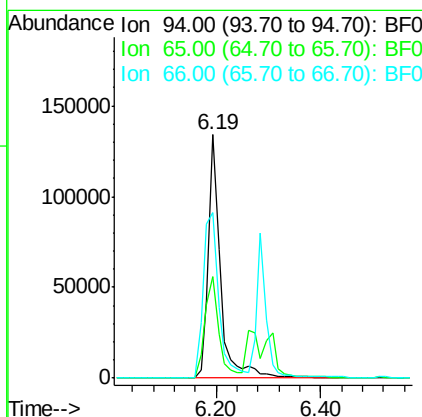
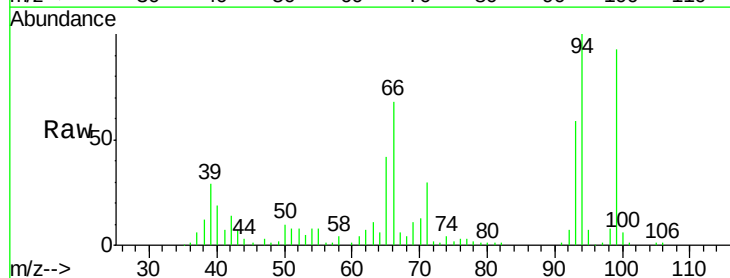
Instrument :
BNA_F
ClientSampled :

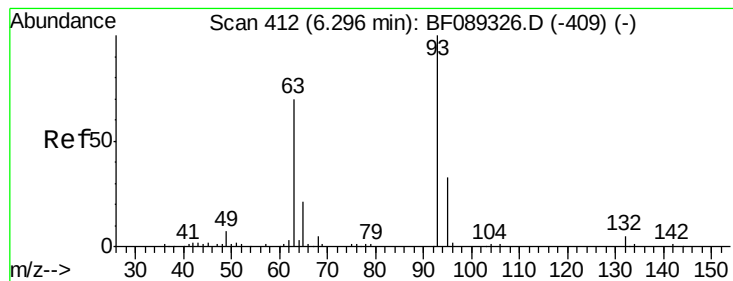
Tot Ion: 77 Resp: 101505
Ion Ratio Lower Upper
77 100
105 96.4 82.9 122.9
106 89.8 75.9 115.9



#10
Phenol
Concen: 37.87 ng
RT: 6.19 min Scan# 403
Delta R.T. -0.02 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

Tgt Ion: 94 Resp: 219434
Ion Ratio Lower Upper
94 100
65 41.9 19.1 59.1
66 67.9 44.4 84.4

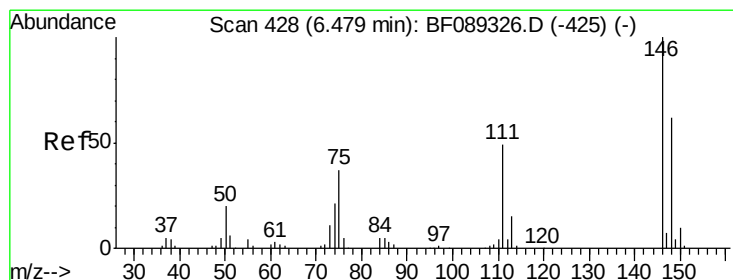
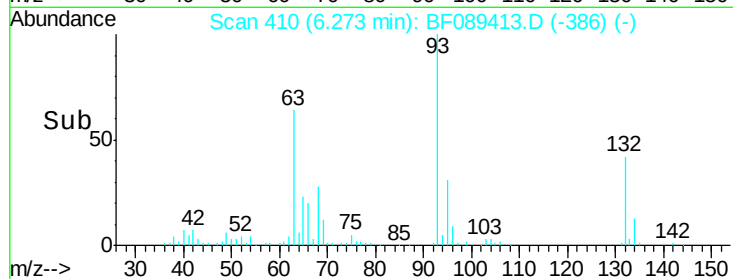
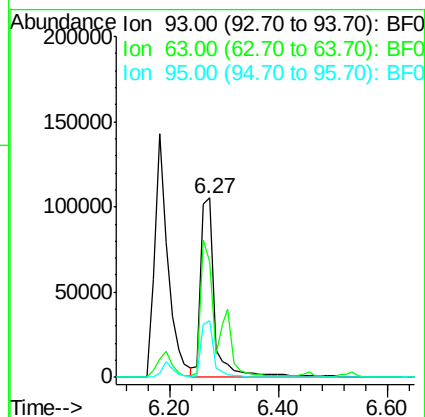
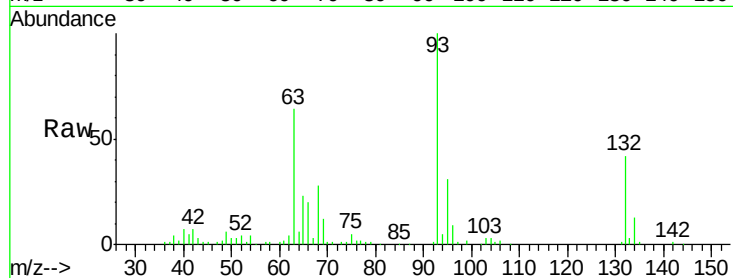




#11
bis(2-Chloroethyl)ether
Concen: 37.29 ng
RT: 6.27 min Scan# 410
Delta R.T. -0.02 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

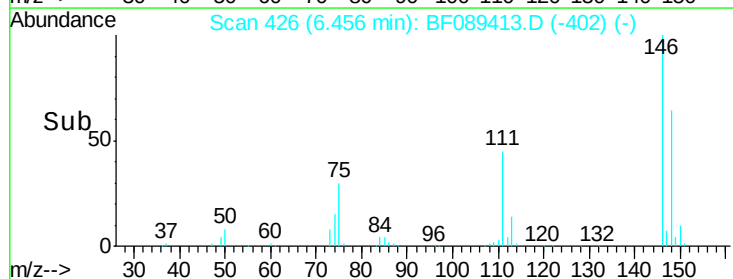
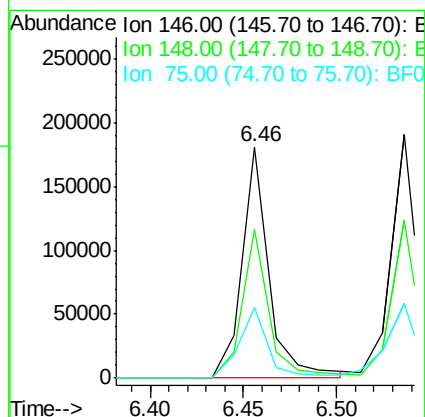
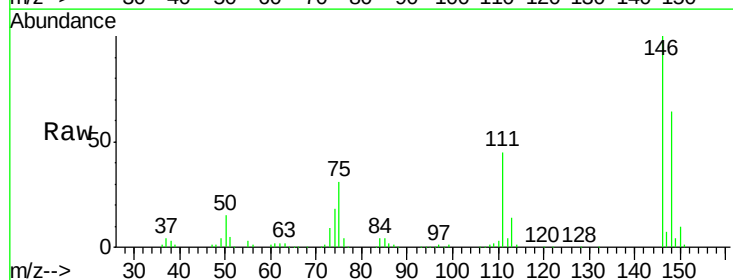
Instrument :
BNA_F
ClientSampleId :

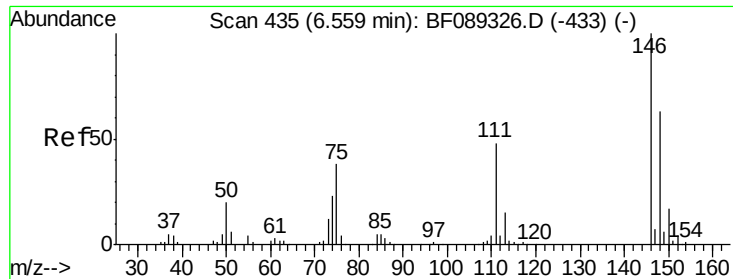
Tot Ion: 93 Resp: 183578
Ion Ratio Lower Upper
93 100
63 64.5 45.6 85.6
95 31.3 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 39.02 ng
RT: 6.46 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

Tgt Ion: 146 Resp: 183443
Ion Ratio Lower Upper
146 100
148 64.2 50.5 75.7
75 30.6 30.0 45.0

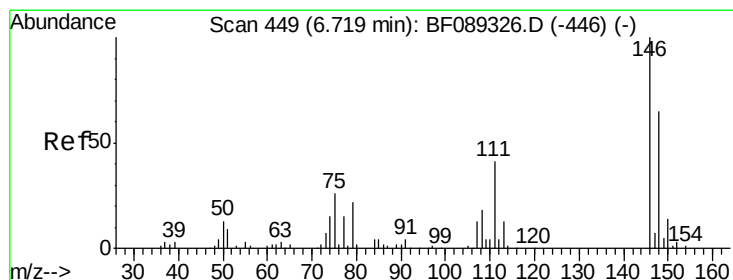
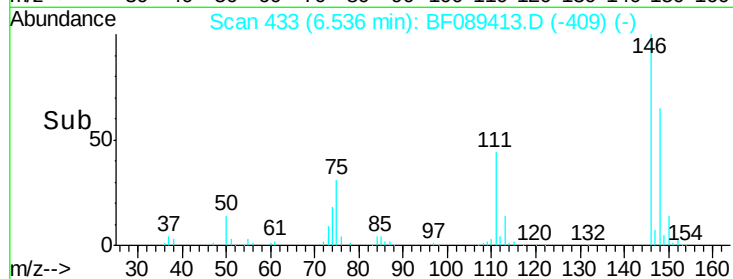
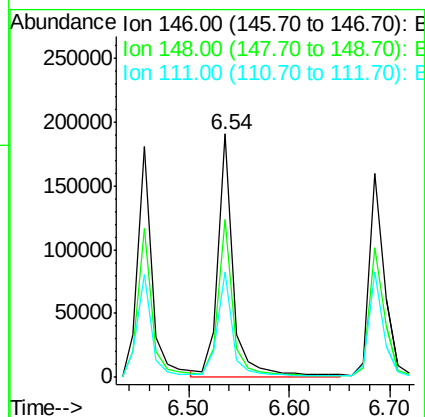
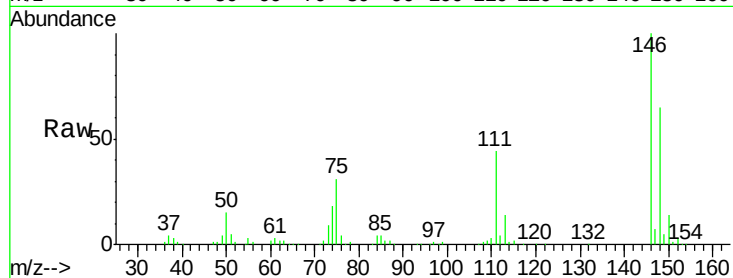




#13
1,4-Dichlorobenzene
Concen: 39.51 ng
RT: 6.54 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

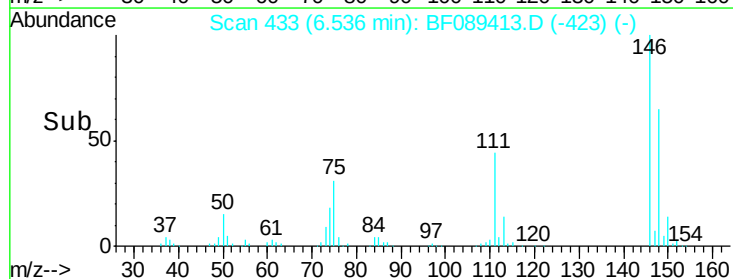
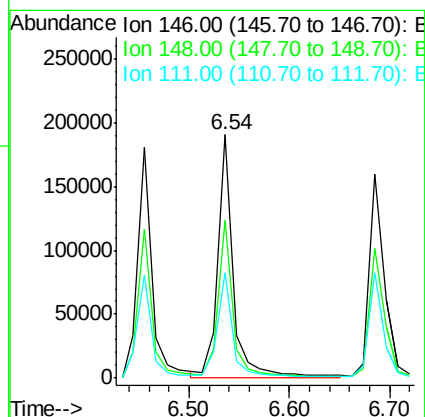
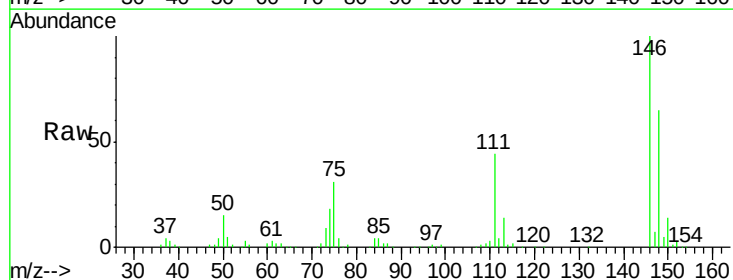
Instrument :
BNA_F
ClientSampleId :

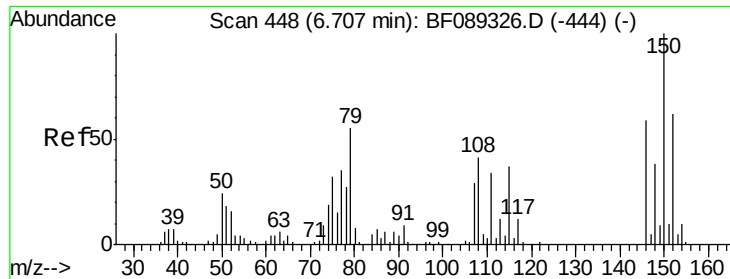
Tot Ion:146 Resp: 204964
Ion Ratio Lower Upper
146 100
148 64.7 50.8 76.2
111 43.5 38.6 57.8



#14
1,2-Dichlorobenzene
Concen: 42.69 ng
RT: 6.54 min Scan# 433
Delta R.T. -0.18 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

Tgt Ion:146 Resp: 207487
Ion Ratio Lower Upper
146 100
148 64.7 50.4 75.6
111 43.5 33.0 49.4





#15

Benzyl Alcohol

Concen: 41.56 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

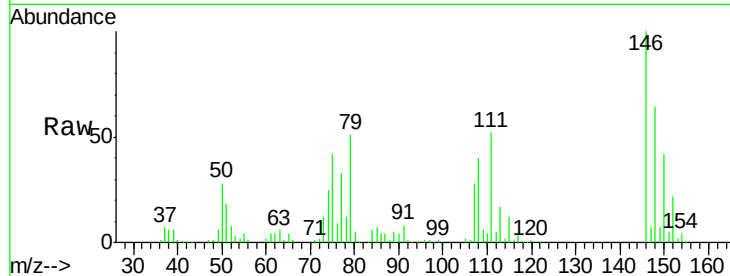
Tot Ion: 79 Resp: 135413

Ion Ratio Lower Upper

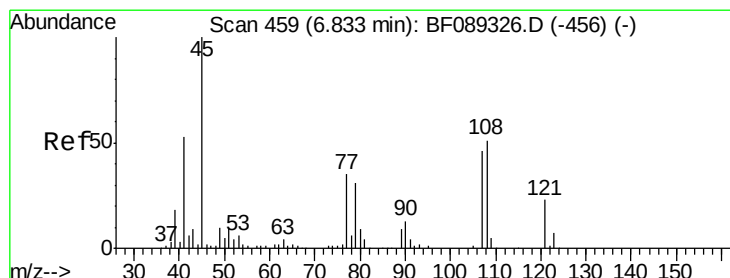
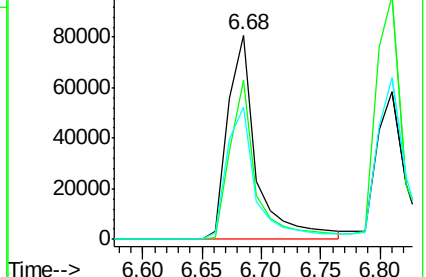
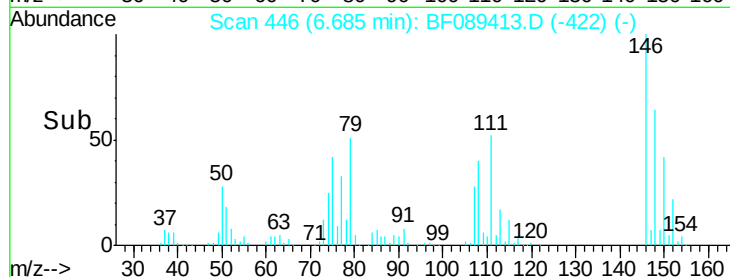
79 100

108 78.0 59.8 89.6

77 65.0 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.63 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

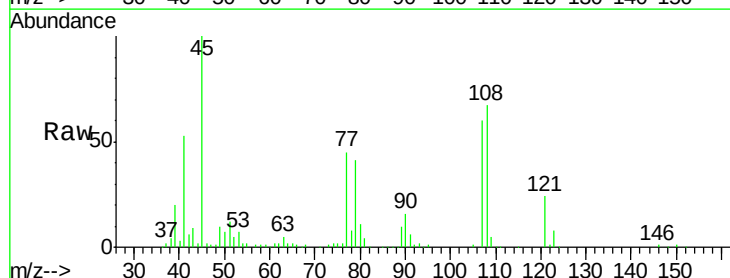
Tgt Ion: 45 Resp: 207438

Ion Ratio Lower Upper

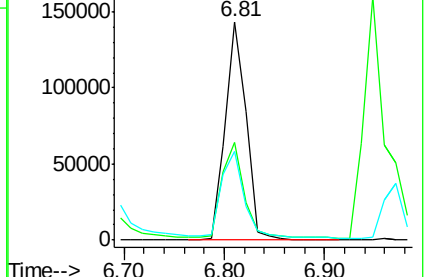
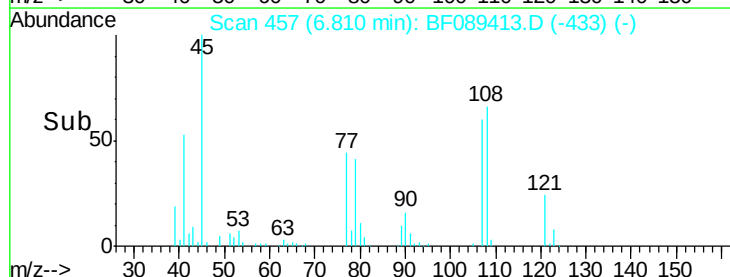
45 100

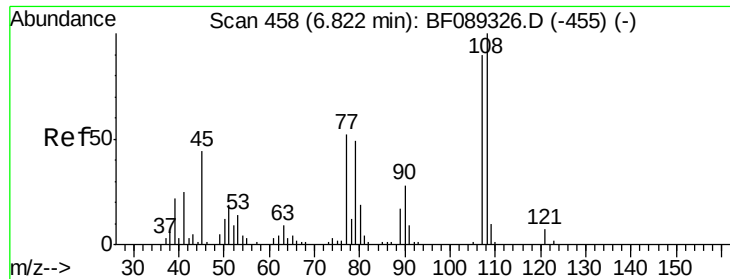
77 44.5 17.3 57.3

79 40.5 13.9 53.9



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 38.15 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 132522

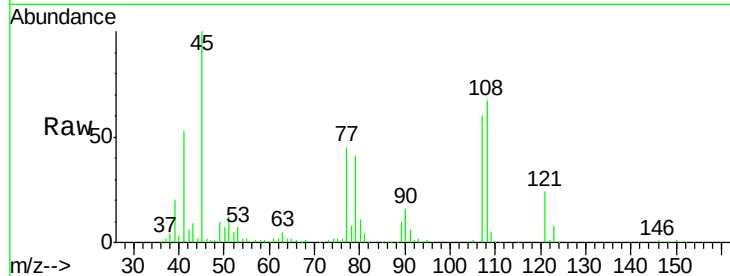
Ion Ratio Lower Upper

107 100

108 111.0 91.4 137.0

77 73.6 48.6 73.0#

79 67.0 48.2 72.4

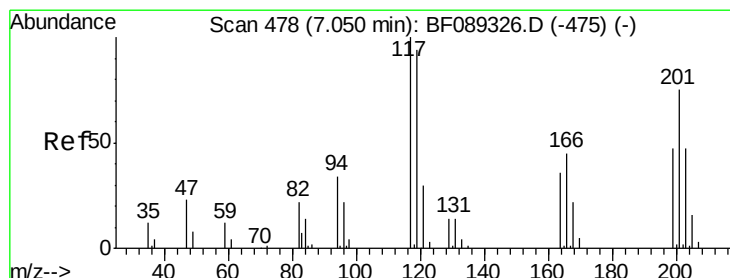
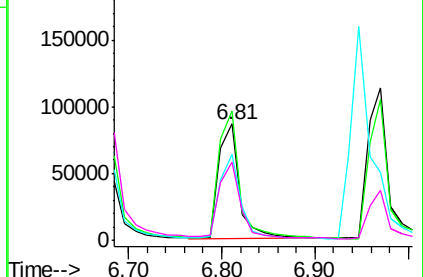
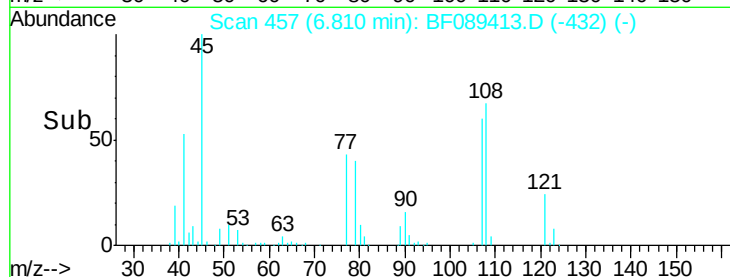


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.59 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.02 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

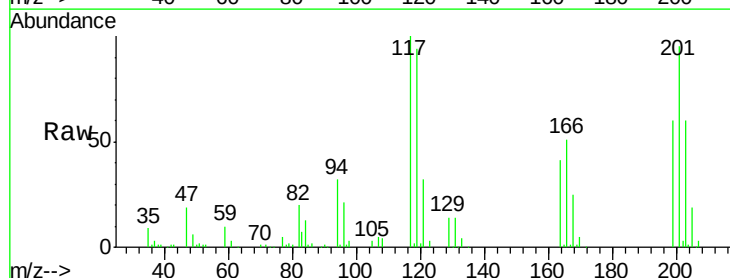
Tgt Ion:117 Resp: 78749

Ion Ratio Lower Upper

117 100

119 94.5 76.0 114.0

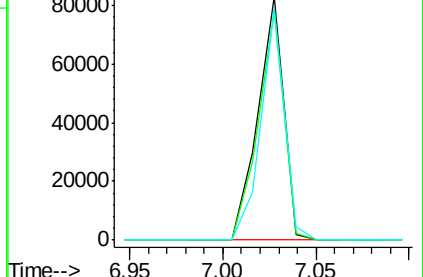
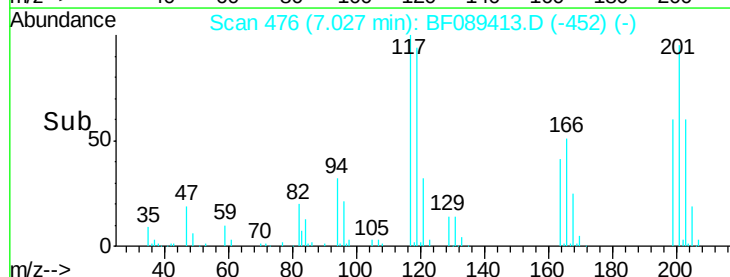
201 95.2 60.0 90.0#

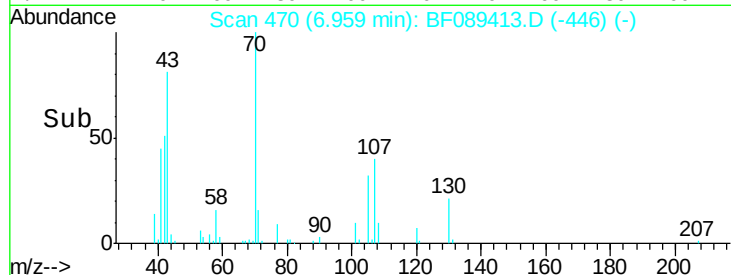
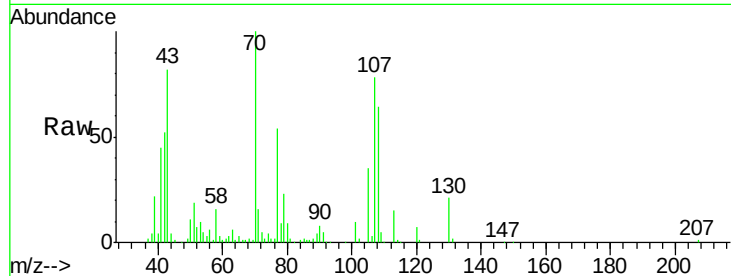
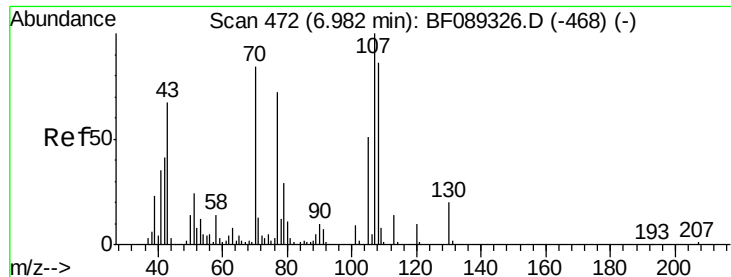


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

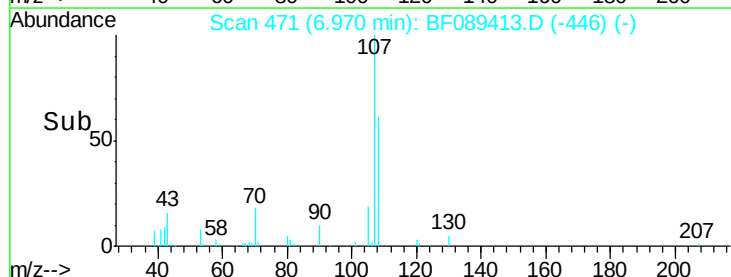
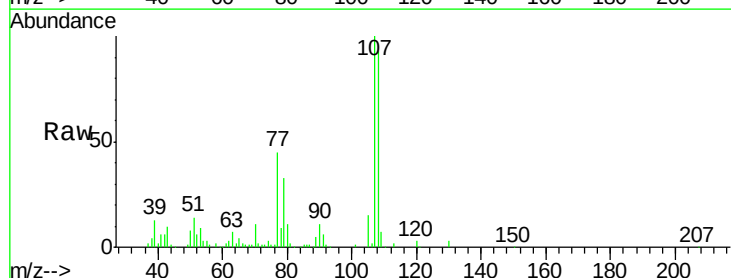
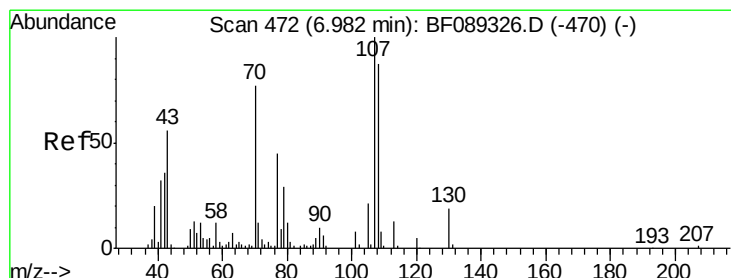
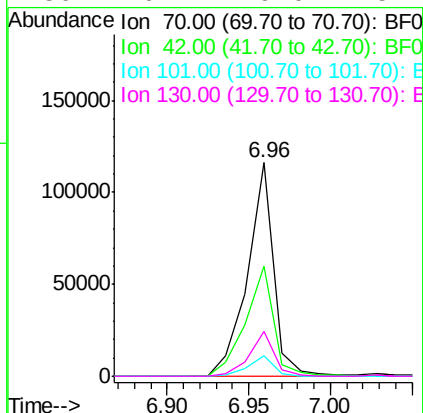




#19
n-Nitroso-di-n-propylamine
Concen: 40.93 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

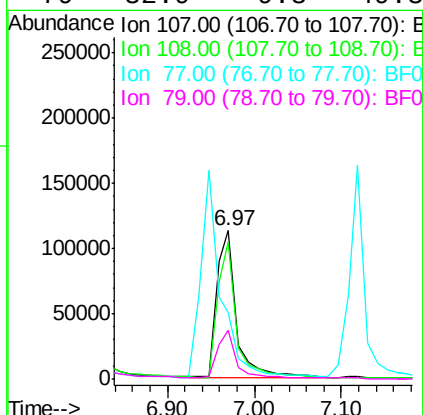
Instrument :
BNA_F
ClientSampleId :

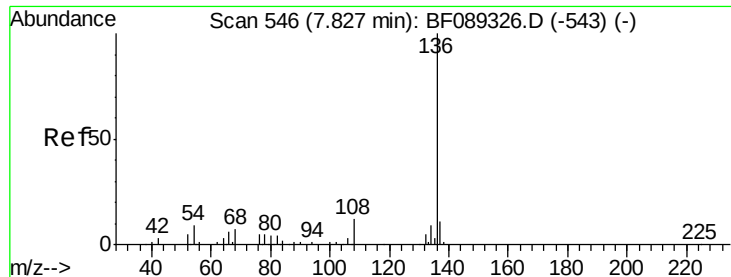
Tot Ion:	70	Resp:	129578
Ion	Ratio	Lower	Upper
70	100		
42	51.8	38.6	57.8
101	9.6	8.3	12.5
130	20.7	19.0	28.4



#20
3+4-Methylphenols
Concen: 40.62 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

Tgt Ion:	107	Resp:	181195
Ion	Ratio	Lower	Upper
107	100		
108	92.7	63.3	103.3
77	44.6	51.1	91.1#
79	32.9	9.3	49.3

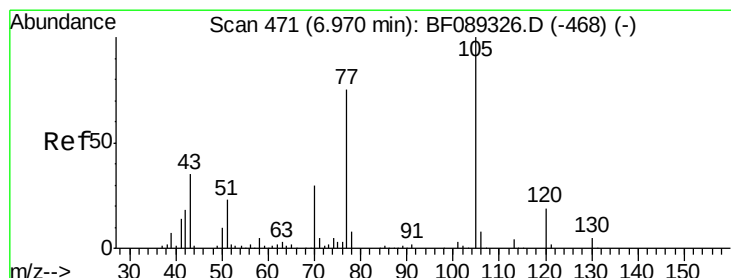
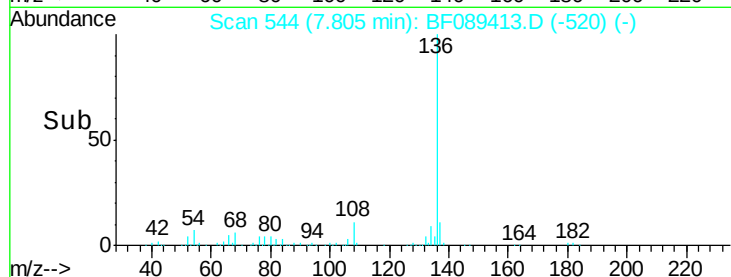
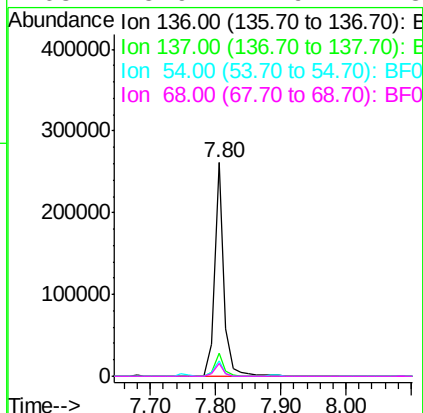
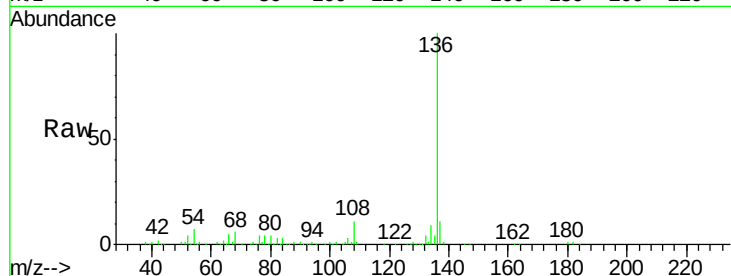




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

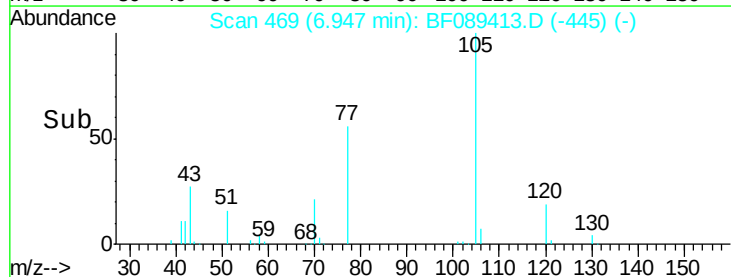
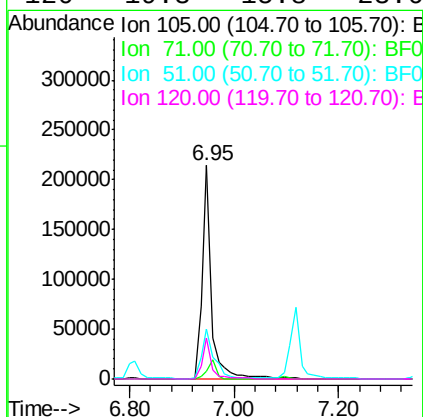
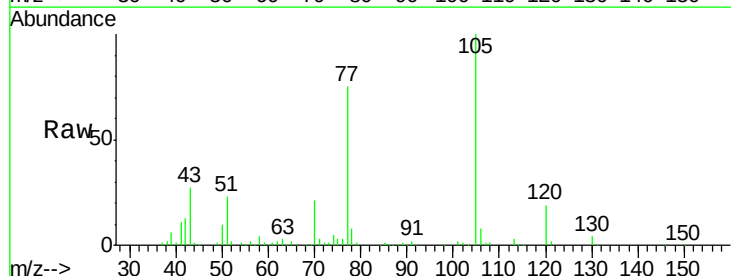
Instrument :
BNA_F
ClientSampleId :

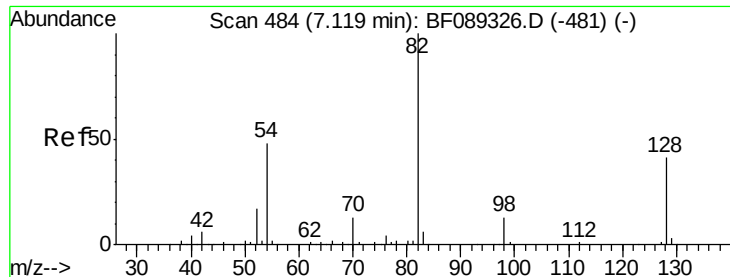
Tot Ion:136	Resp:	263237
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.6	13.0
54 7.3	7.0	10.4
68 5.9	4.9	7.3



#22
Acetophenone
Concen: 42.57 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

Tgt	Ion:105	Resp:	266795
Ion	Ratio	Lower	Upper
105	100		
71	3.5	4.2	6.2#
51	23.1	18.7	28.1
120	19.3	15.8	23.6

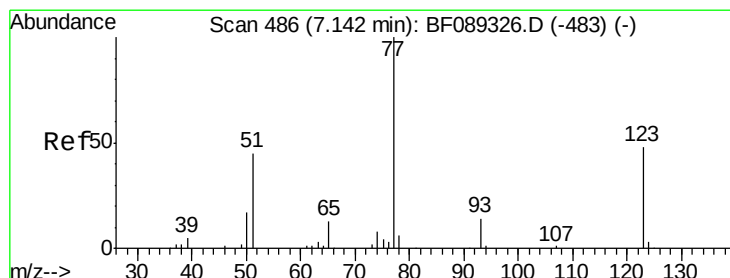
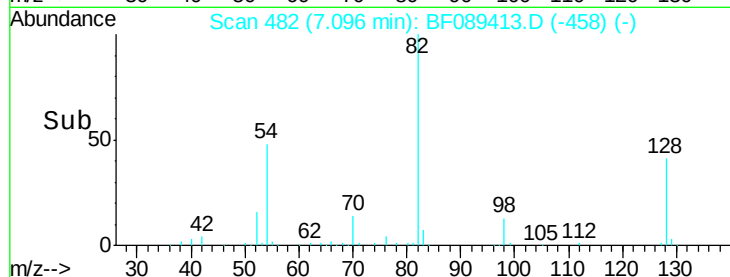
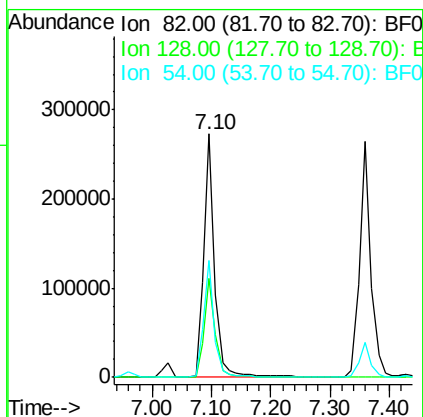
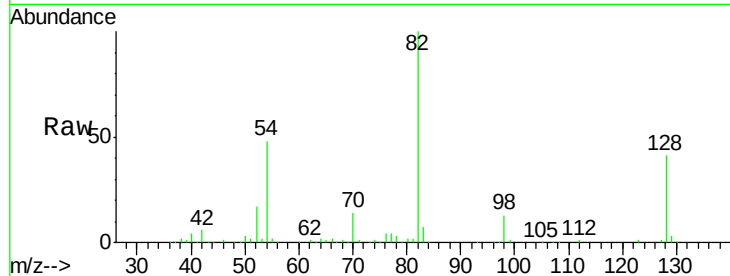




#23
 Nitrobenzene-d5
 Concen: 80.87 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.02 min
 Lab File: BF089413.D
 Acq: 29 Jul 2016 16:31

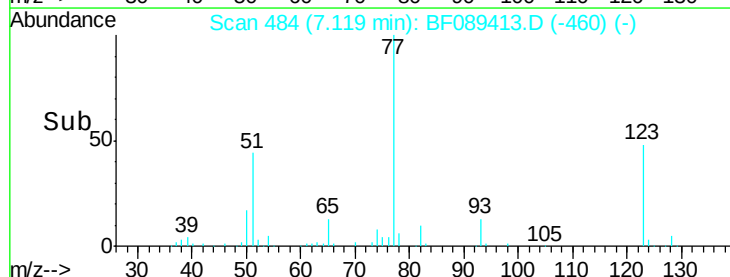
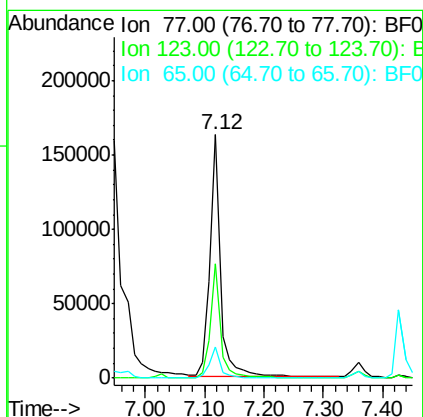
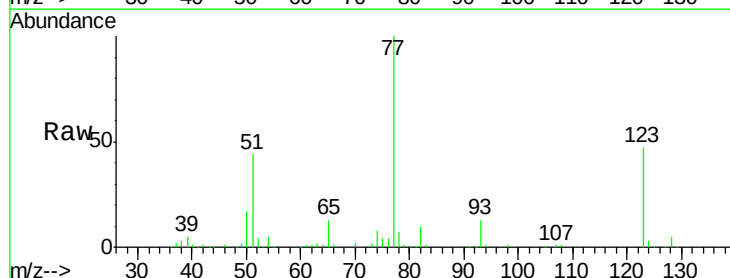
Instrument :
 BNA_F
 ClientSampleId :

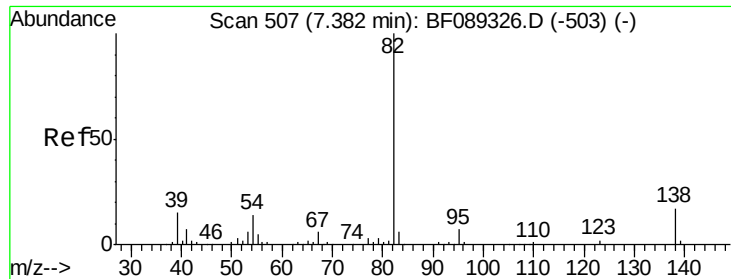
Tot Ion	82	Resp	360675
Ion Ratio	100	Lower	Upper
128	40.9	32.5	48.7
54	48.2	38.8	58.2



#24
 Nitrobenzene
 Concen: 40.21 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF089413.D
 Acq: 29 Jul 2016 16:31

Tgt Ion	77	Resp	204087
Ion Ratio	100	Lower	Upper
123	47.2	37.2	55.8
65	12.8	10.2	15.4





#25

Isophorone

Concen: 38.62 ng

RT: 7.36 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

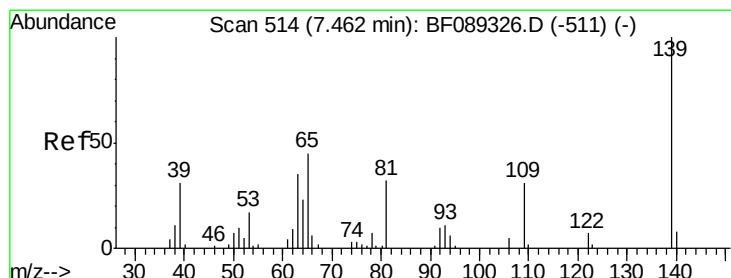
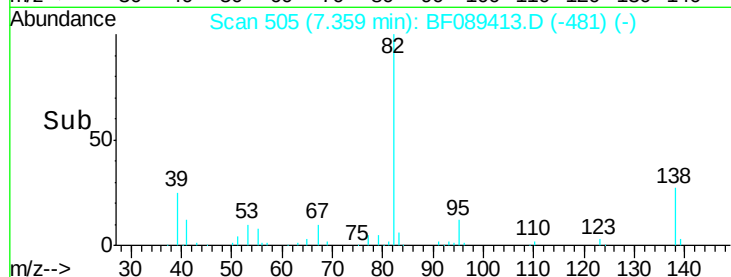
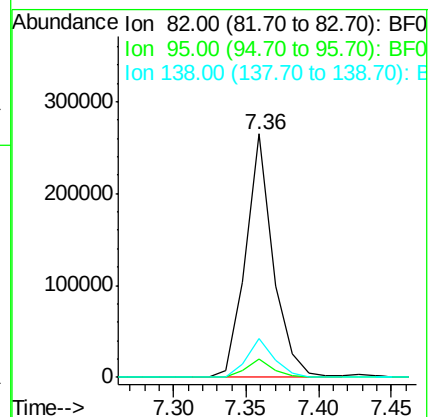
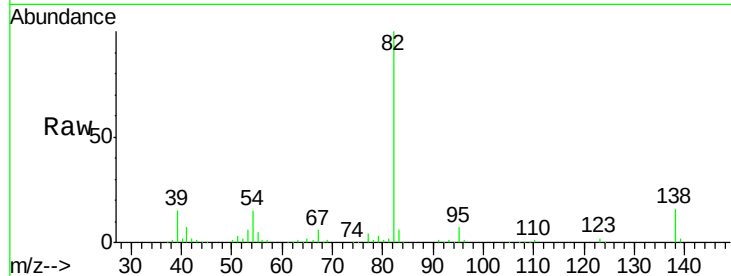
Tot Ion: 82 Resp: 346926

Ion Ratio Lower Upper

82 100

95 7.4 6.0 9.0

138 16.0 13.3 19.9



#26

2-Nitrophenol

Concen: 40.08 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.03 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

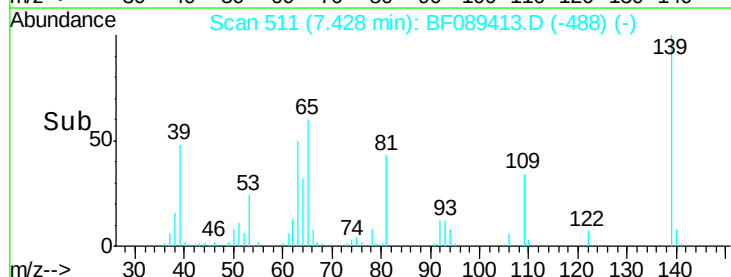
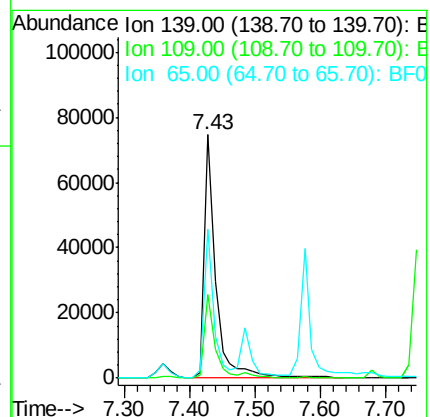
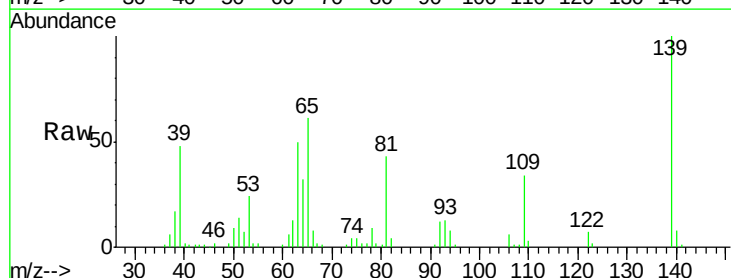
Tgt Ion: 139 Resp: 90950

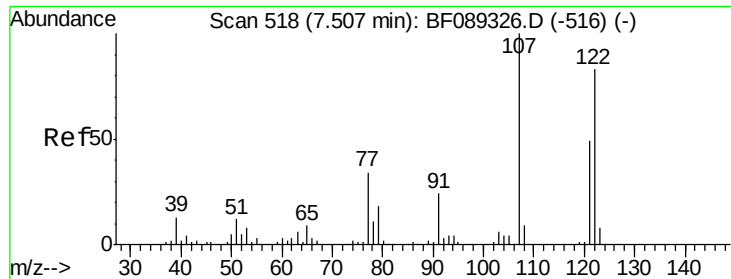
Ion Ratio Lower Upper

139 100

109 34.4 25.8 38.8

65 61.1 35.2 52.8#

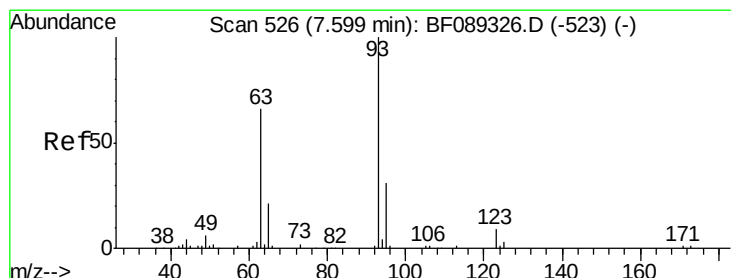
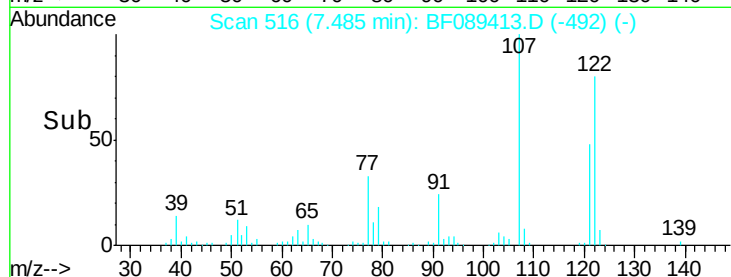
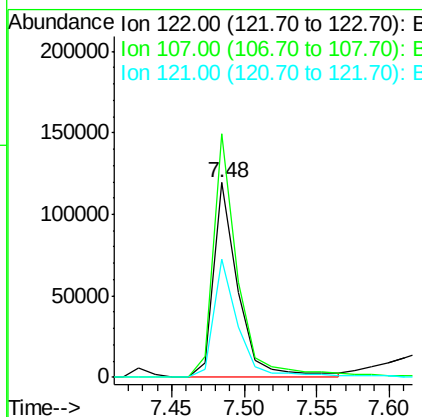
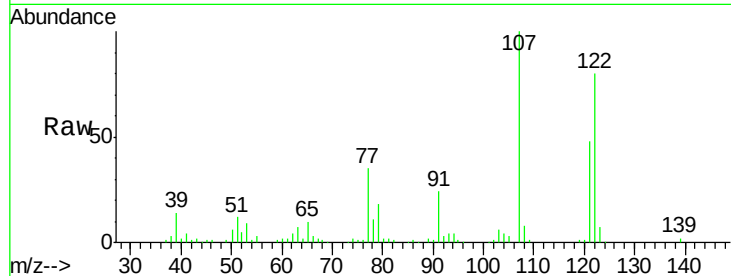




#27
 2,4-Dimethylphenol
 Concen: 39.29 ng
 RT: 7.48 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: BF089413.D
 Acq: 29 Jul 2016 16:31

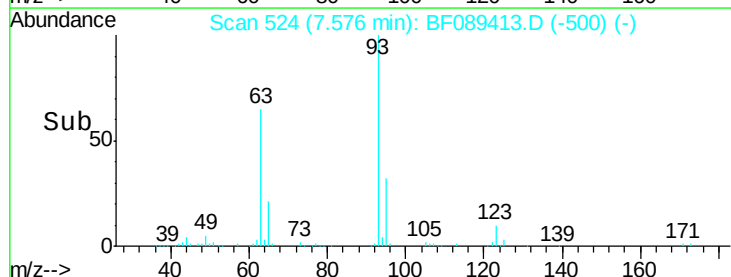
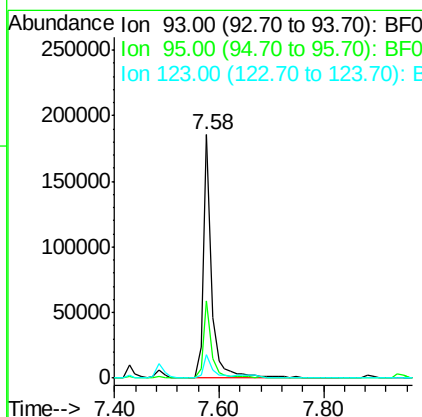
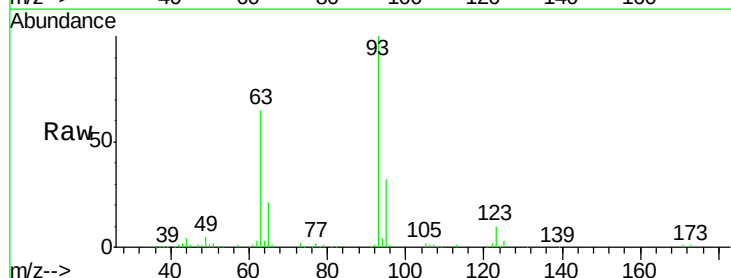
Instrument :
 BNA_F
 ClientSampleId :

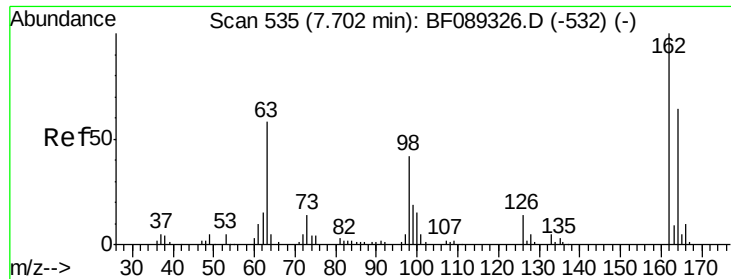
Tot Ion:122 Resp: 142021
 Ion Ratio Lower Upper
 122 100
 107 125.2 97.2 145.8
 121 60.4 48.8 73.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.06 ng
 RT: 7.58 min Scan# 524
 Delta R.T. -0.02 min
 Lab File: BF089413.D
 Acq: 29 Jul 2016 16:31

Tgt Ion: 93 Resp: 204174
 Ion Ratio Lower Upper
 93 100
 95 31.7 24.7 37.1
 123 9.6 7.5 11.3

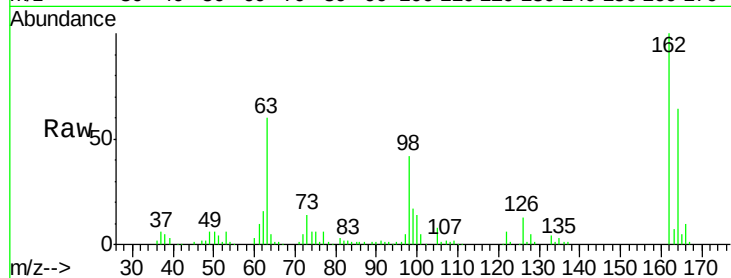




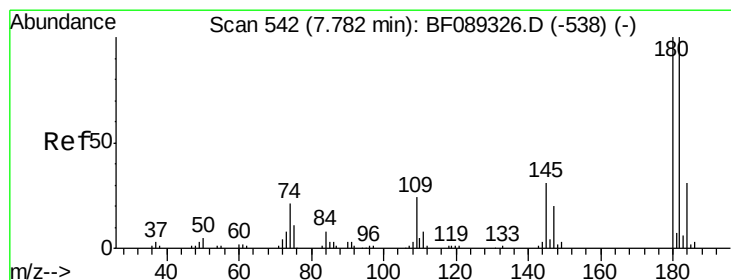
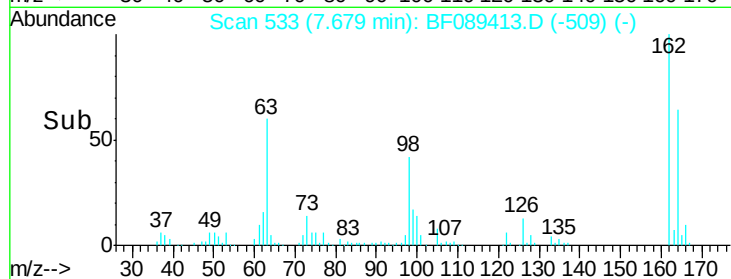
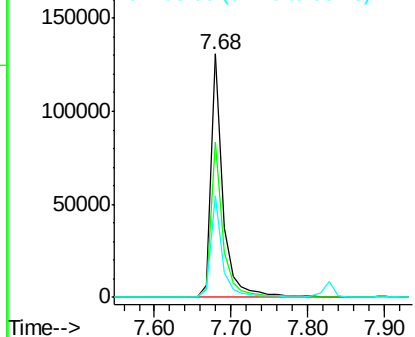
#29
 2,4-Dichlorophenol
 Concen: 42.90 ng
 RT: 7.68 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: BF089413.D
 Acq: 29 Jul 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.0	84.0
98	41.7	21.8	61.8

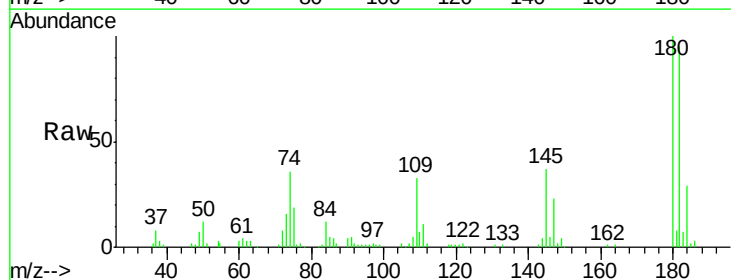


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

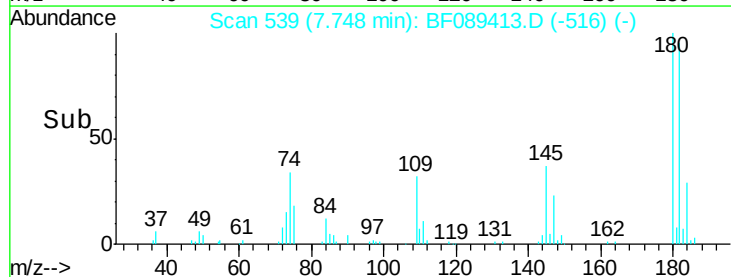
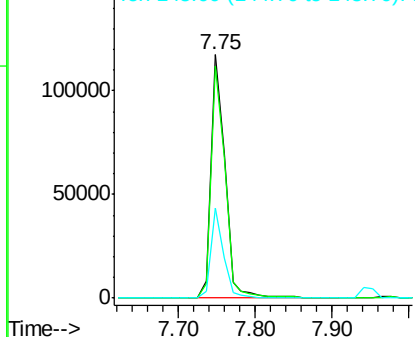


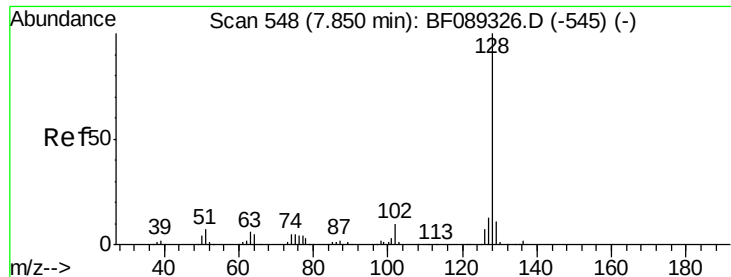
#30
 1,2,4-Trichlorobenzene
 Concen: 39.28 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.03 min
 Lab File: BF089413.D
 Acq: 29 Jul 2016 16:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	78.2	117.2
145	37.2	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: 39.95 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

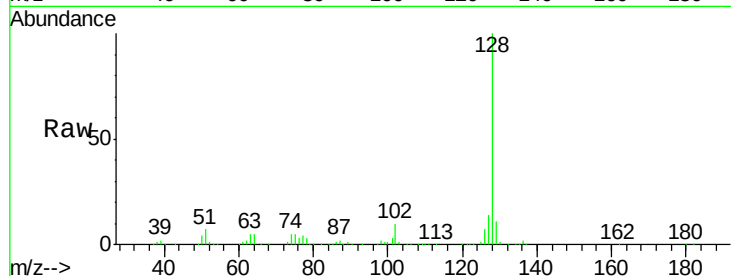
Tot Ion:128 Resp: 520764

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

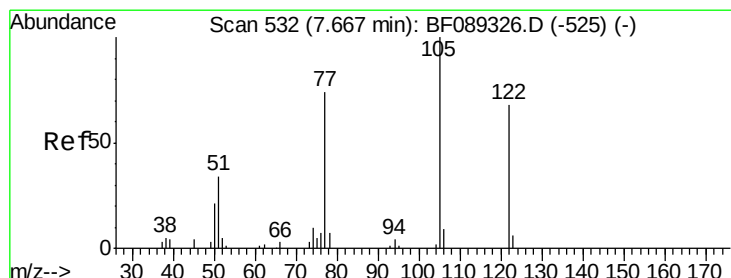
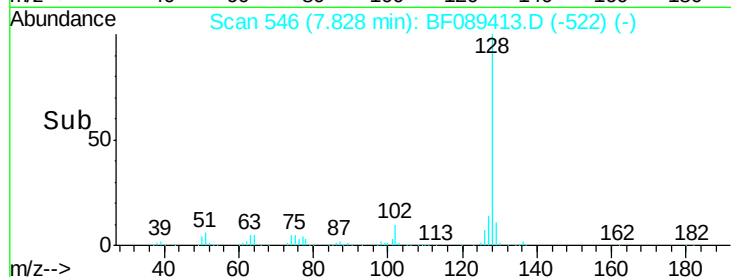
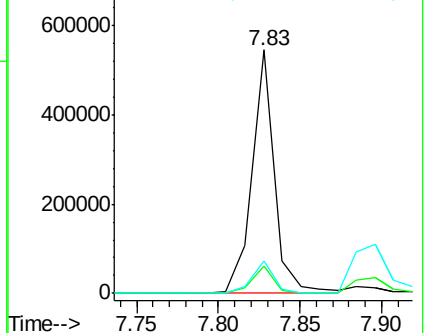
127 13.5 10.8 16.2



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: 43.49 ng

RT: 7.67 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

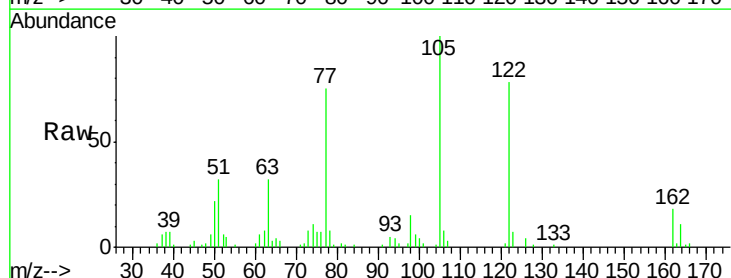
Tgt Ion:122 Resp: 109544

Ion Ratio Lower Upper

122 100

105 128.3 106.4 146.4

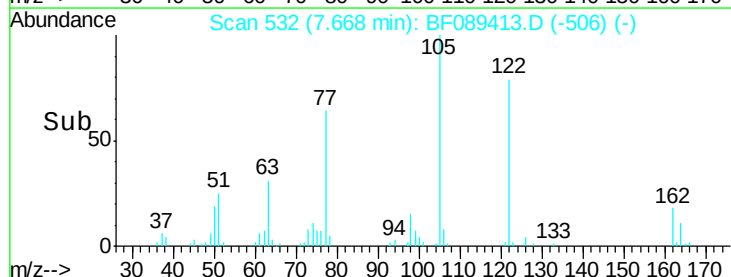
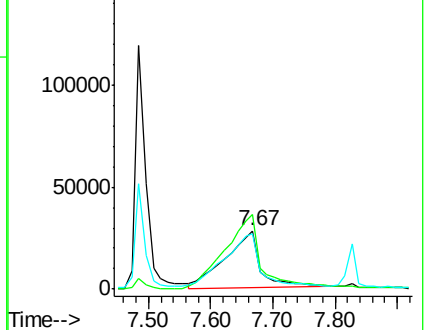
77 96.5 76.4 116.4

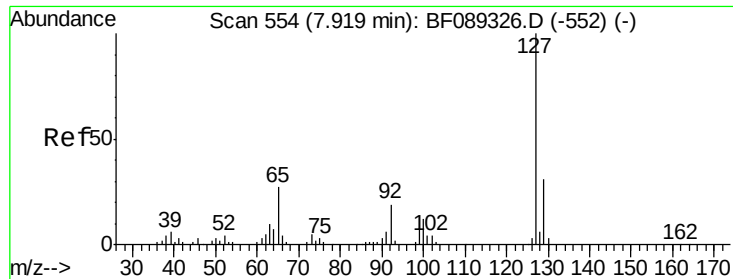


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

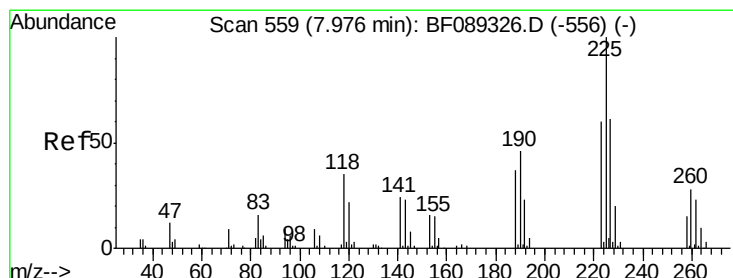
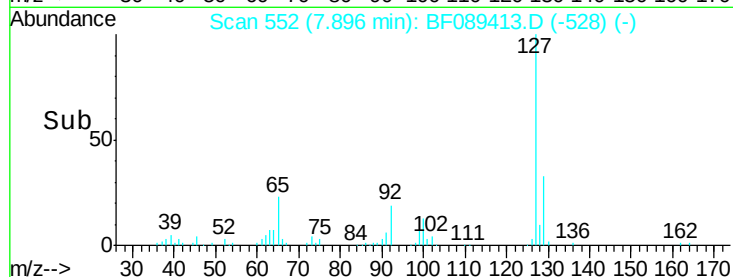
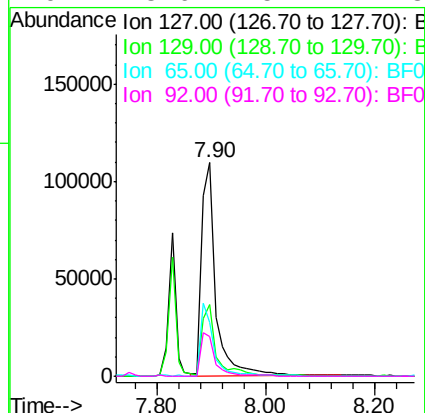
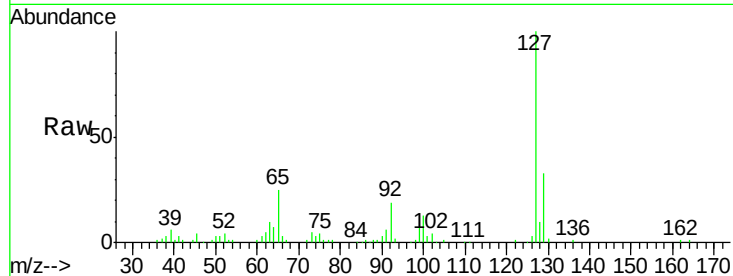




#33
4-Chloroaniline
Concen: 39.63 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

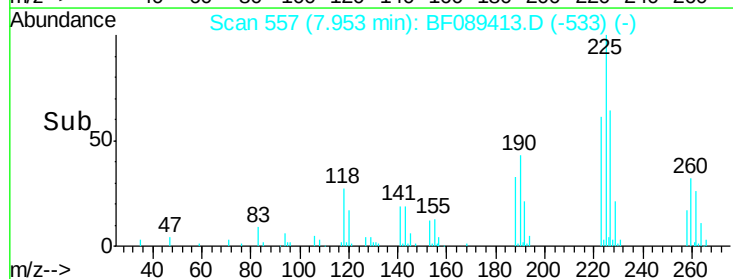
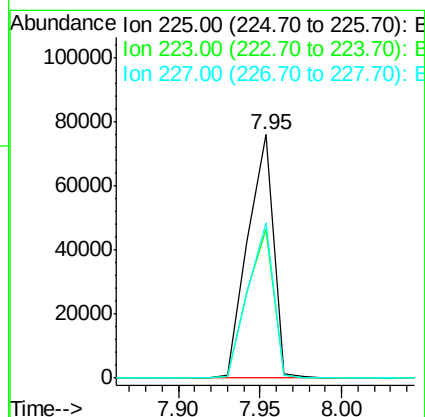
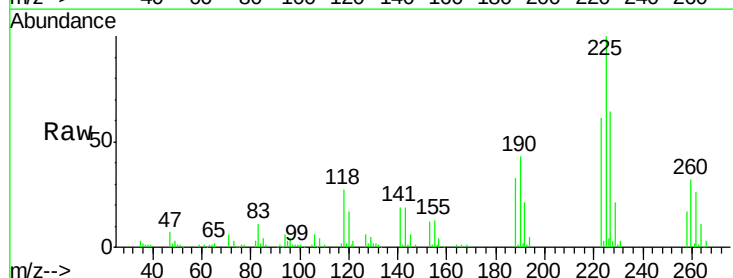
Instrument :
BNA_F
ClientSampleId :

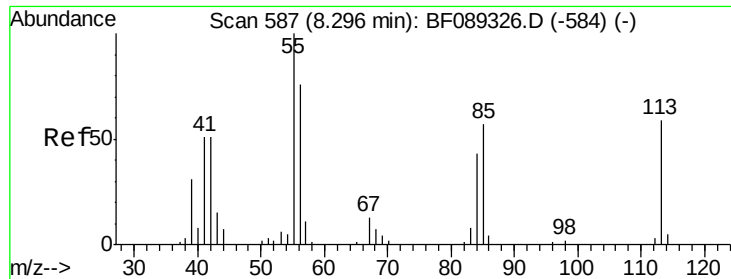
Tot Ion:	127	Resp:	196645
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.1	39.1
65	25.1	22.0	33.0
92	18.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.65 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

Tgt Ion:	225	Resp:	83199
Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.8	74.8
227	63.7	49.4	74.2





#35

Caprolactam

Concen: 43.75 ng

RT: 8.28 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

Instrument :

BNA_F

ClientSampled :

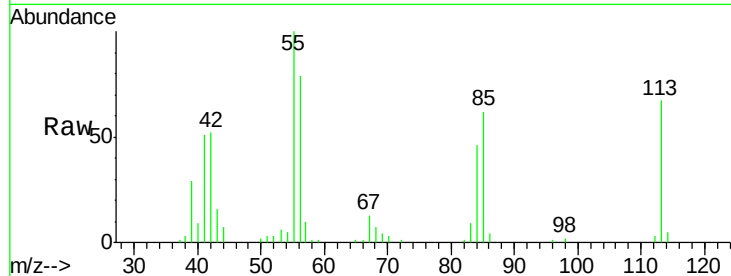
Tot Ion:113 Resp: 43501

Ion Ratio Lower Upper

113 100

55 149.6 142.3 182.3

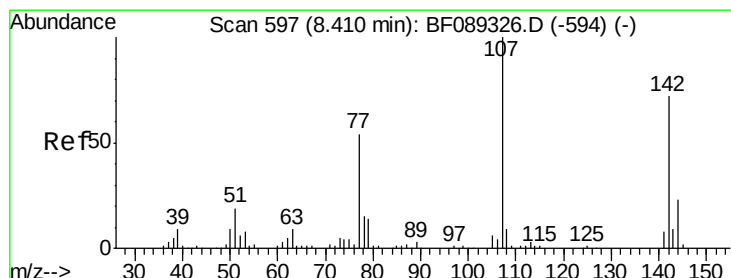
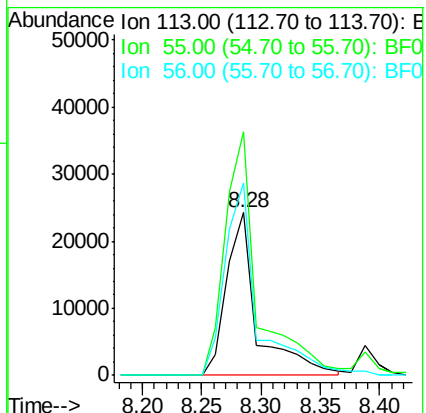
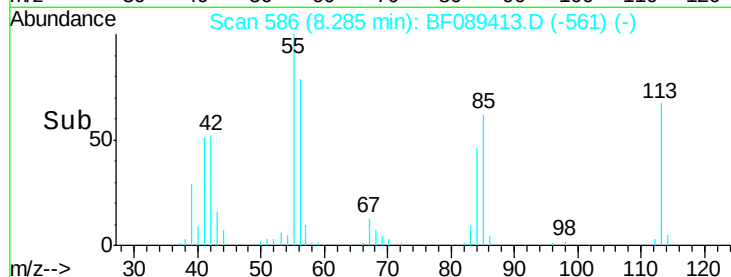
56 118.1 105.8 145.8



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: 40.30 ng

RT: 8.39 min Scan# 595

Delta R.T. -0.02 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

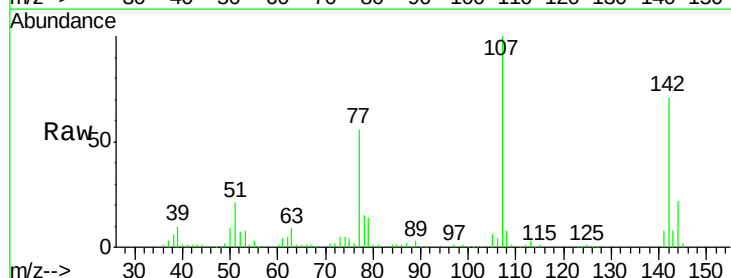
Tgt Ion:107 Resp: 157784

Ion Ratio Lower Upper

107 100

144 22.3 18.4 27.6

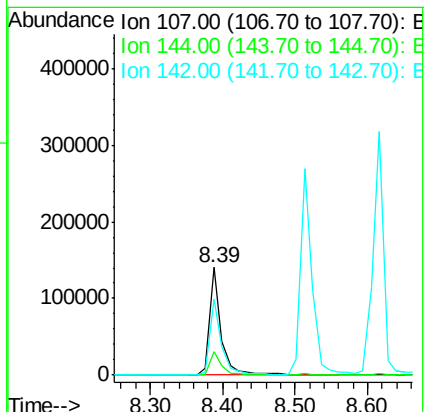
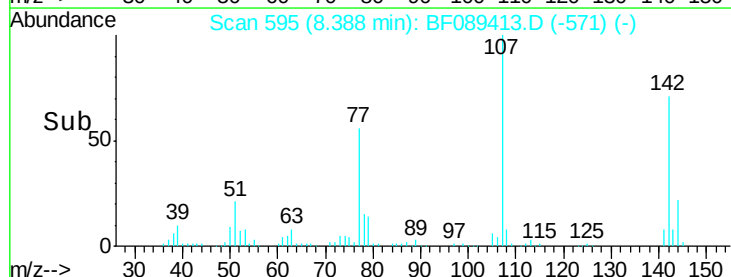
142 71.0 58.6 87.8

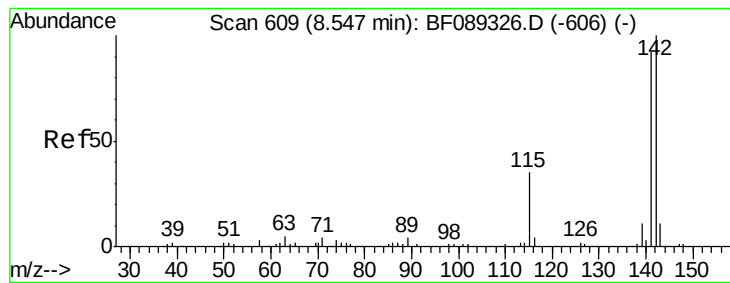


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.47 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.03 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

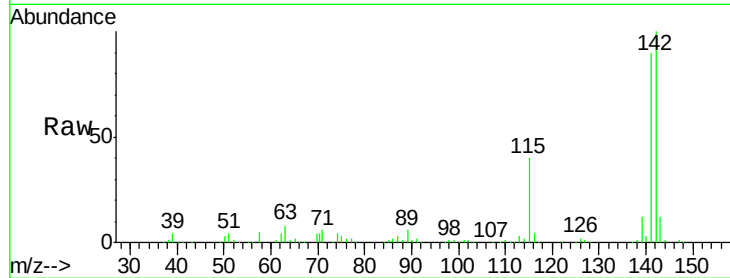
Tot Ion:142 Resp: 294329

Ion Ratio Lower Upper

142 100

141 90.3 70.9 106.3

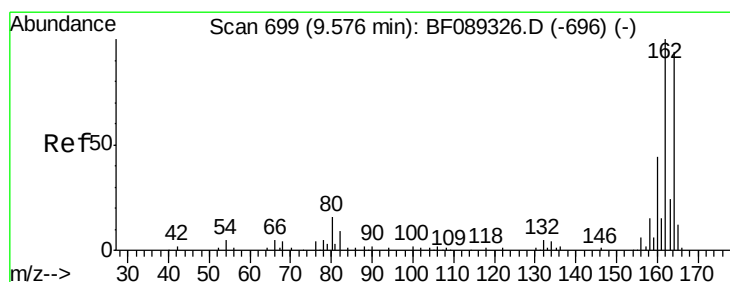
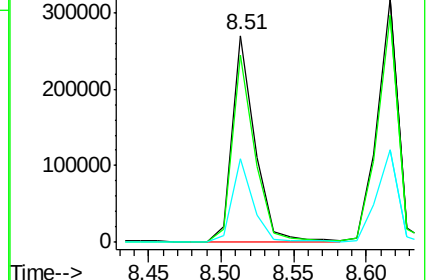
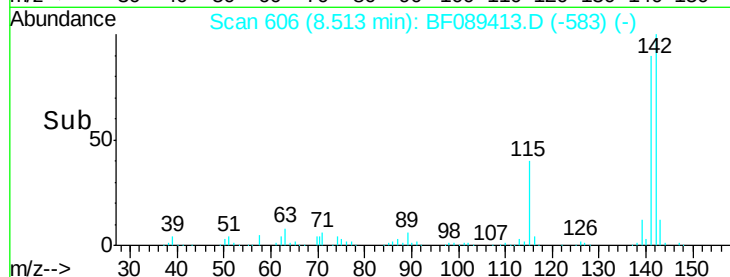
115 40.3 27.6 41.4



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: 9.55 min Scan# 697

Delta R.T. -0.02 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

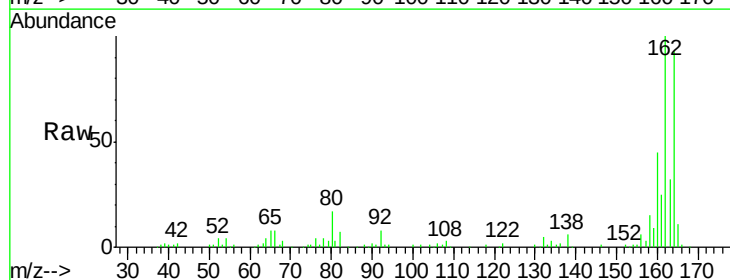
Tgt Ion:164 Resp: 119735

Ion Ratio Lower Upper

164 100

162 107.8 83.7 125.5

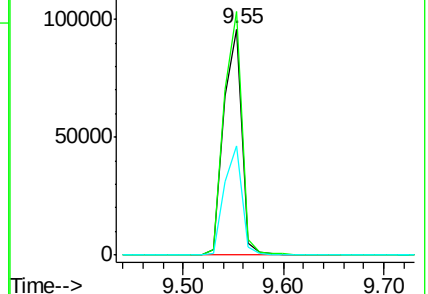
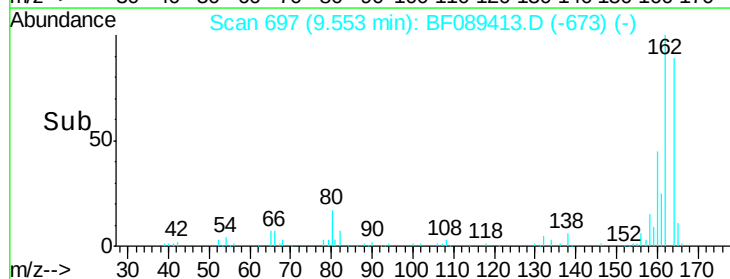
160 48.5 37.8 56.6

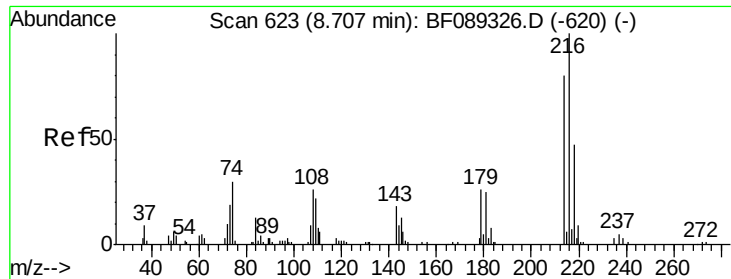


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

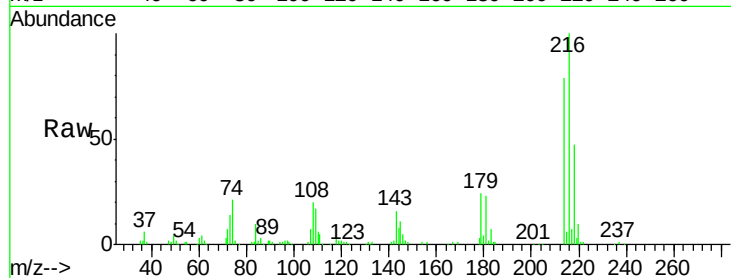




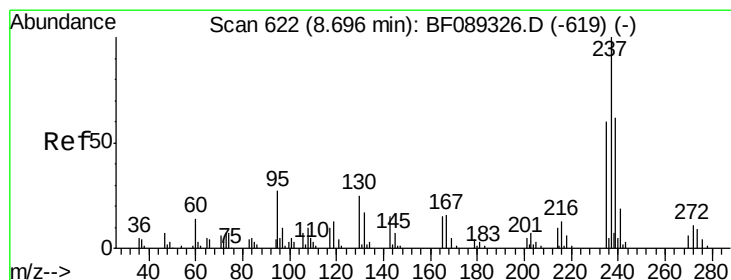
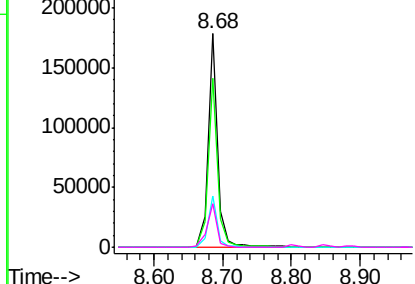
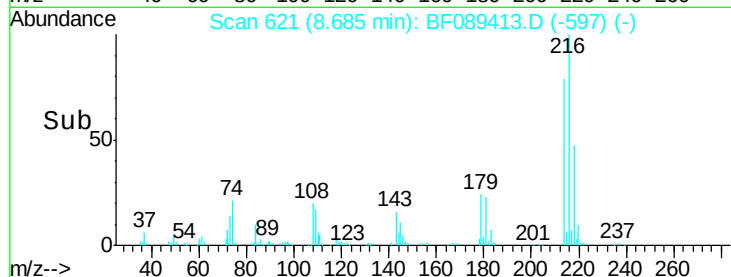
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.81 ng
 RT: 8.68 min Scan# 621
 Delta R.T. -0.02 min
 Lab File: BF089413.D
 Acq: 29 Jul 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	170982
Ion Ratio	Lower	Upper
216	100	
214	78.9	63.3 94.9
179	23.1	18.1 27.1
108	21.3	17.2 25.8

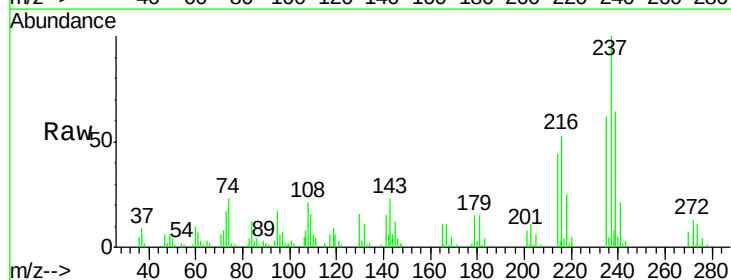


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

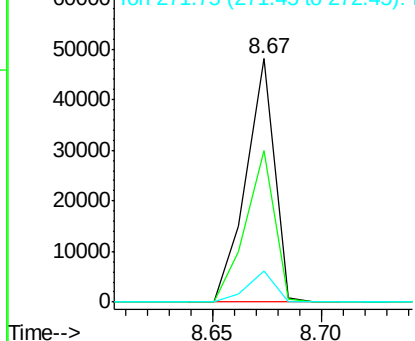
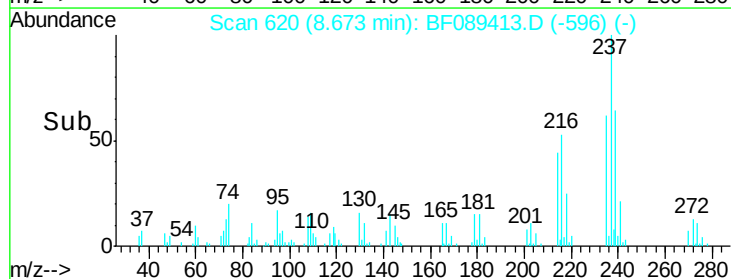


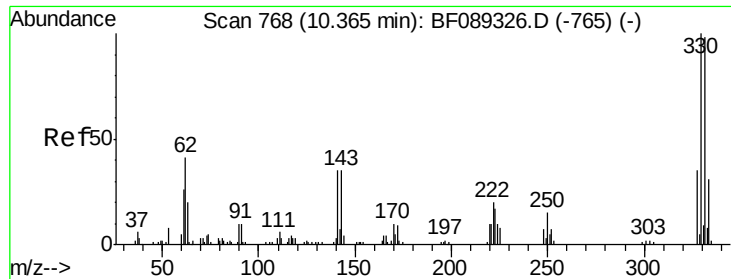
#40
 Hexachlorocyclopentadiene
 Concen: 41.66 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF089413.D
 Acq: 29 Jul 2016 16:31

Tgt Ion:237	Resp:	44011
Ion Ratio	Lower	Upper
237	100	
235	62.4	41.6 81.6
272	12.6	0.0 30.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

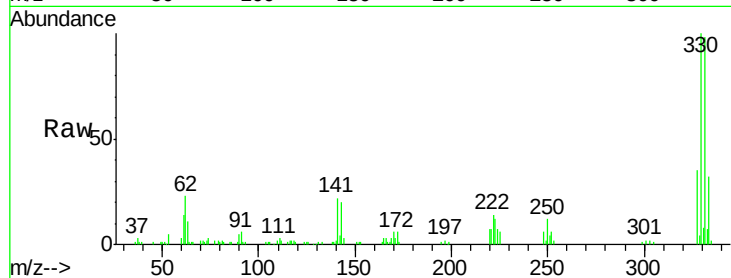




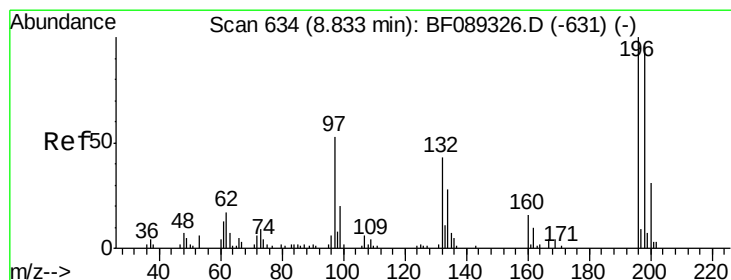
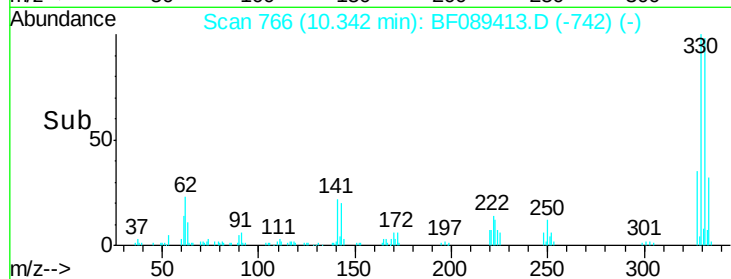
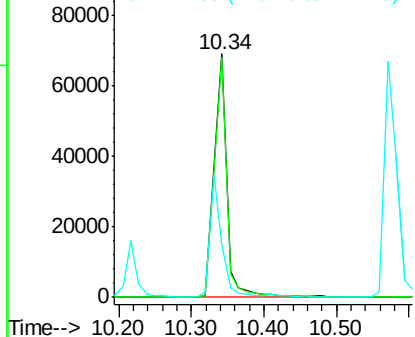
#41
 2,4,6-Tribromophenol
 Concen: 85.76 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BF089413.D
 Acq: 29 Jul 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 85046
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.8 115.2
 141 45.9 37.3 55.9

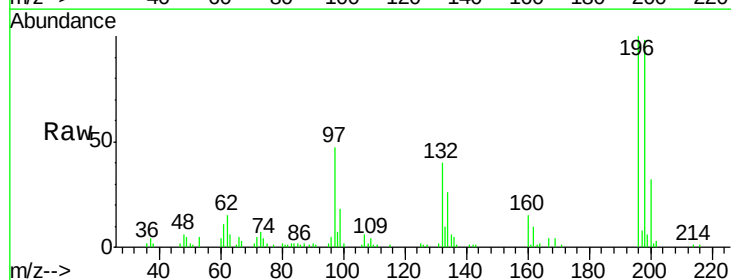


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

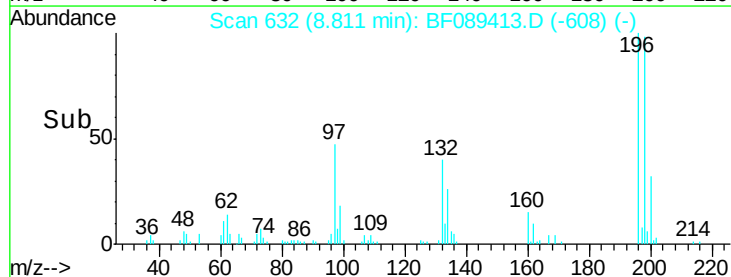
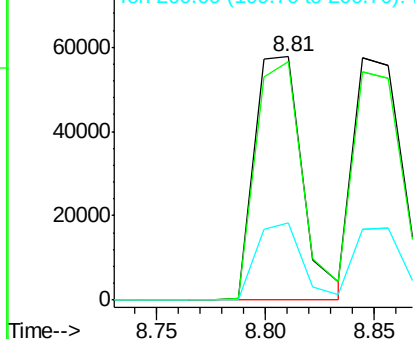


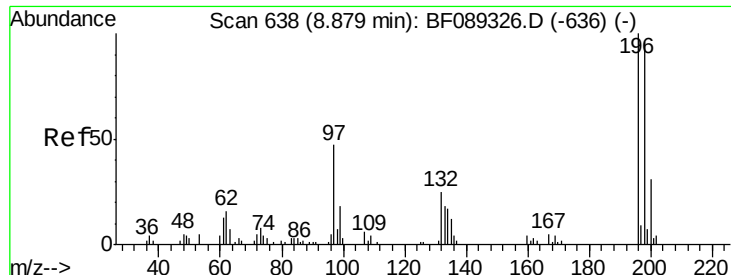
#42
 2,4,6-Trichlorophenol
 Concen: 44.52 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF089413.D
 Acq: 29 Jul 2016 16:31

Tgt Ion:196 Resp: 88687
 Ion Ratio Lower Upper
 196 100
 198 97.9 75.5 113.3
 200 31.7 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

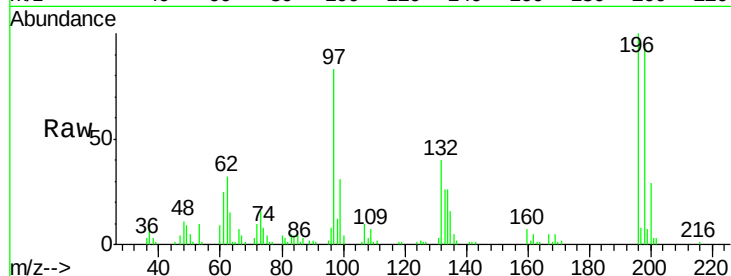




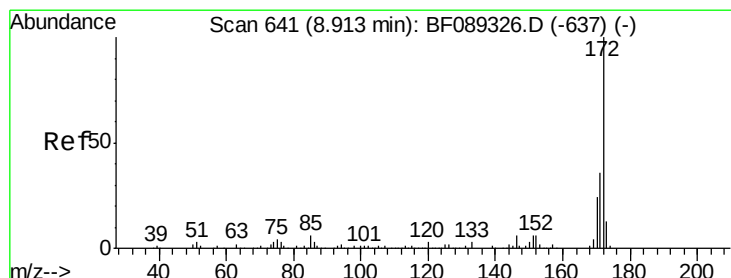
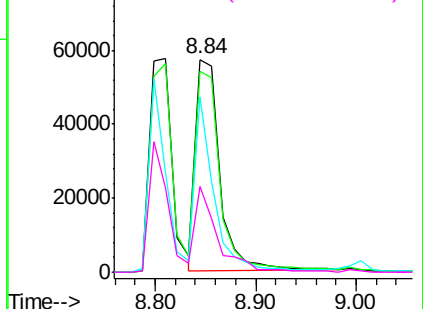
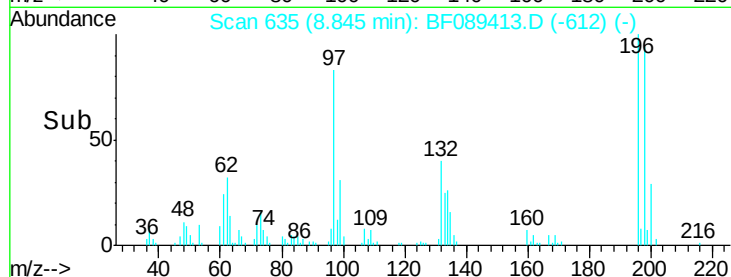
#43
2,4,5-Trichlorophenol
Concen: 38.54 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.03 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 97255
Ion Ratio Lower Upper
196 100
198 94.1 78.7 118.1
97 82.5 39.7 59.5#
132 40.3 22.8 34.2#

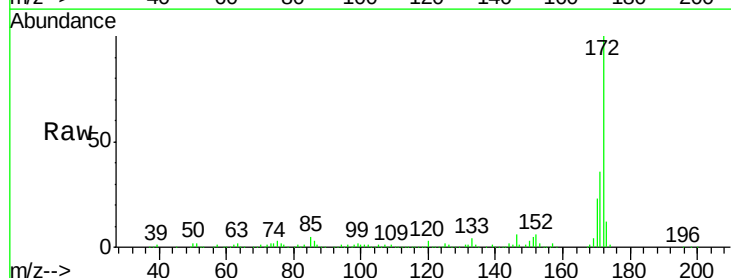


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

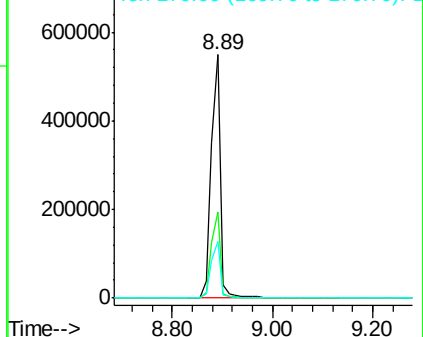
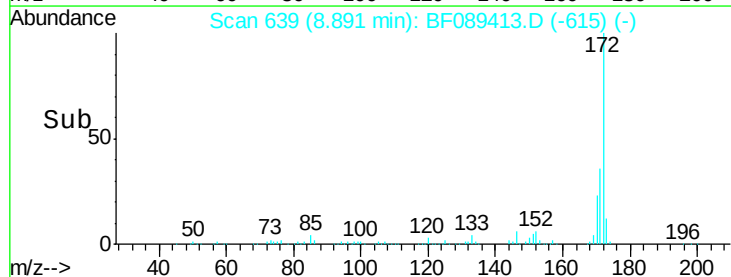


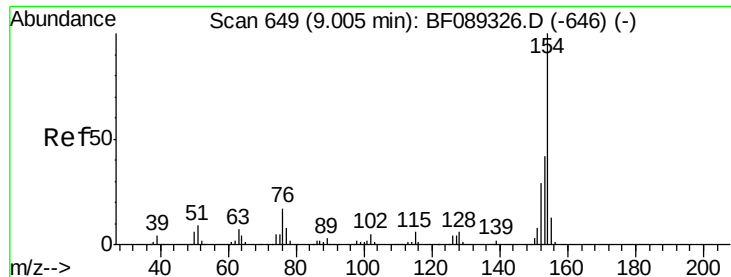
#44
2-Fluorobiphenyl
Concen: 84.92 ng
RT: 8.89 min Scan# 639
Delta R.T. -0.02 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

Tgt Ion:172 Resp: 692838
Ion Ratio Lower Upper
172 100
171 35.6 29.2 43.8
170 23.2 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

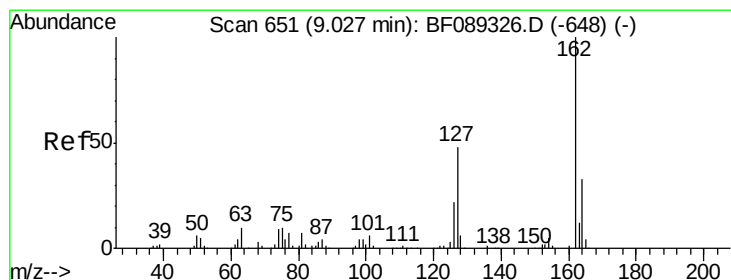
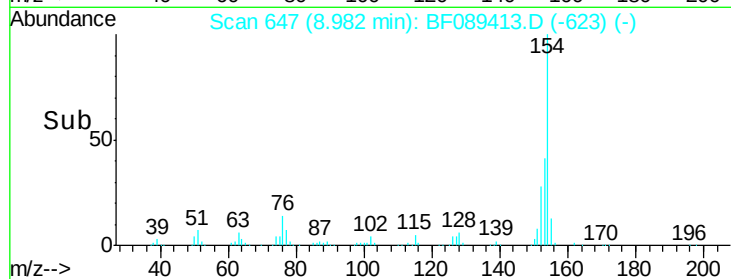
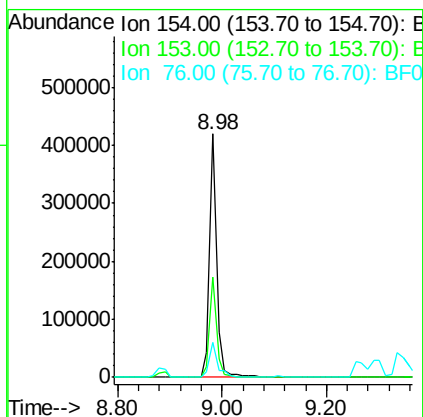
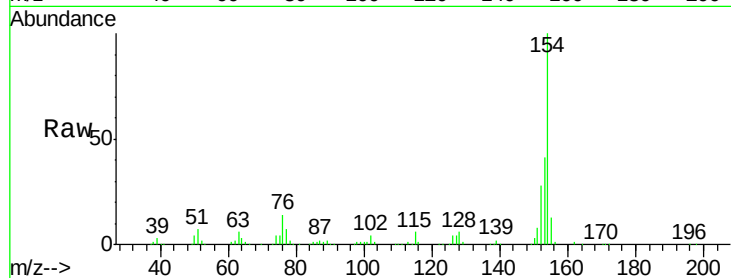




#45
 1,1'-Biphenyl
 Concen: 39.08 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF089413.D
 Acq: 29 Jul 2016 16:31

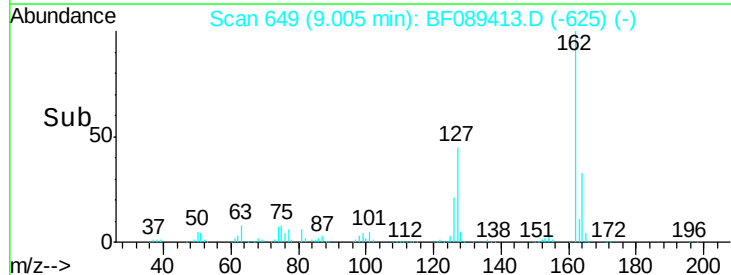
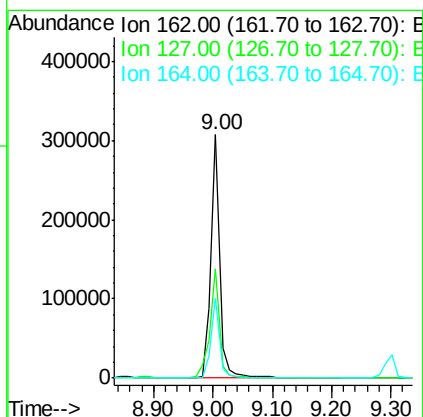
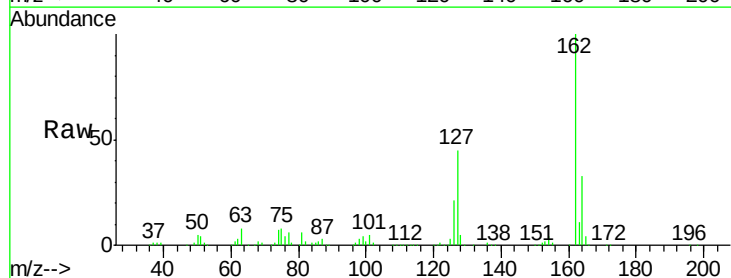
Instrument :
 BNA_F
 ClientSampleId :

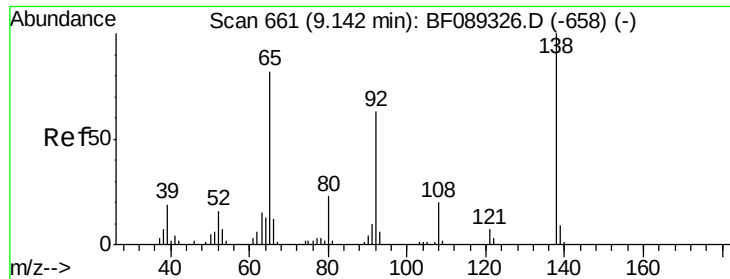
Tot Ion:154 Resp: 398401
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.0 61.0
 76 14.4 0.0 36.6



#46
 2-Chloronaphthalene
 Concen: 42.10 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF089413.D
 Acq: 29 Jul 2016 16:31

Tgt Ion:162 Resp: 322336
 Ion Ratio Lower Upper
 162 100
 127 44.8 37.8 56.8
 164 32.8 25.8 38.8





#47

2-Nitroaniline

Concen: 41.77 ng

RT: 9.11 min Scan# 658

Delta R.T. -0.03 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

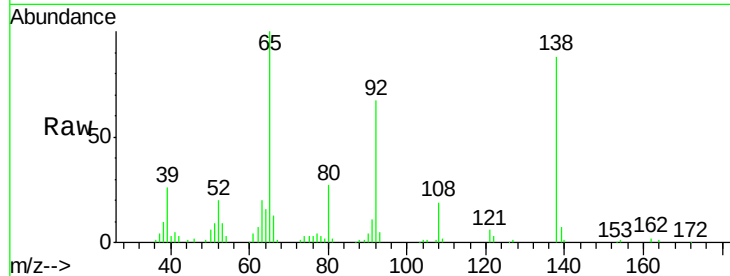
Tot Ion: 65 Resp: 94716

Ion Ratio Lower Upper

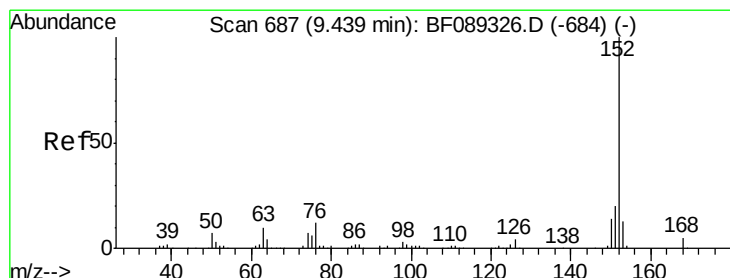
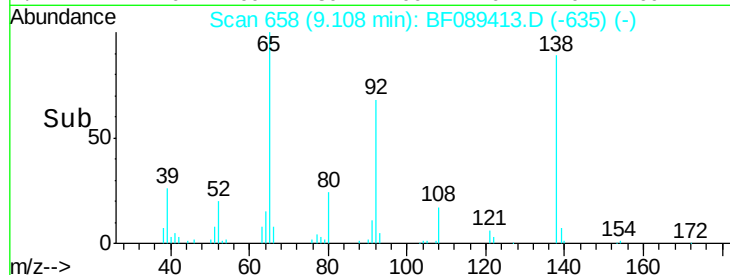
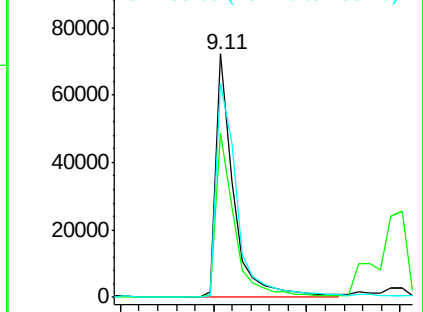
65 100

92 67.3 61.0 91.4

138 87.8 99.1 148.7#



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



#48

Acenaphthylene

Concen: 40.89 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.02 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

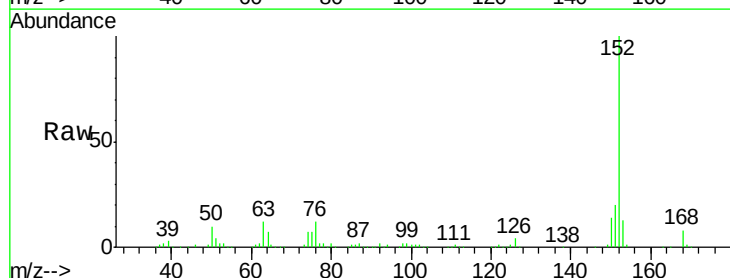
Tgt Ion: 152 Resp: 493114

Ion Ratio Lower Upper

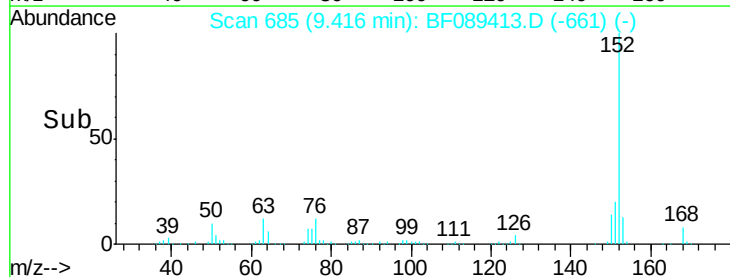
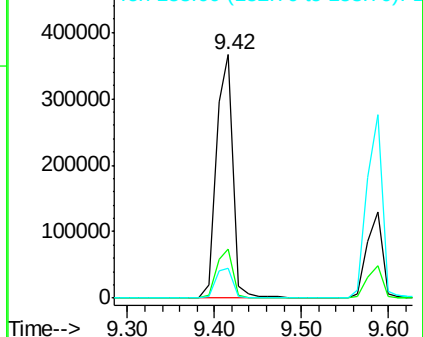
152 100

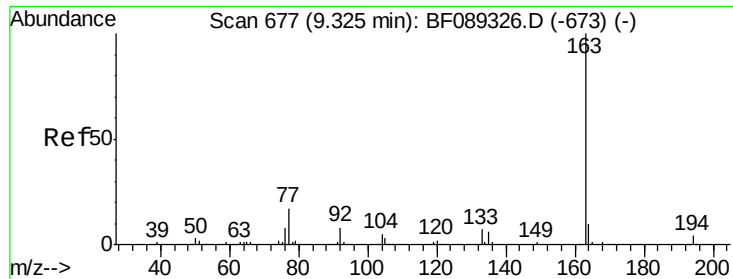
151 20.2 16.2 24.2

153 12.5 10.2 15.4



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

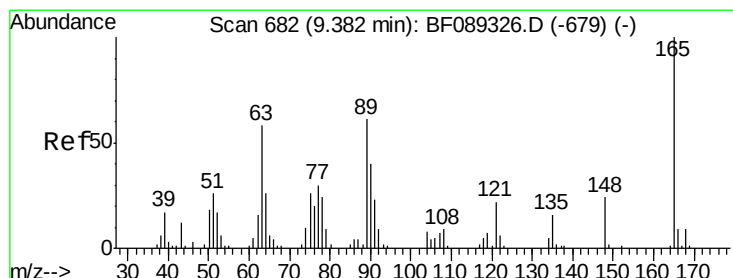
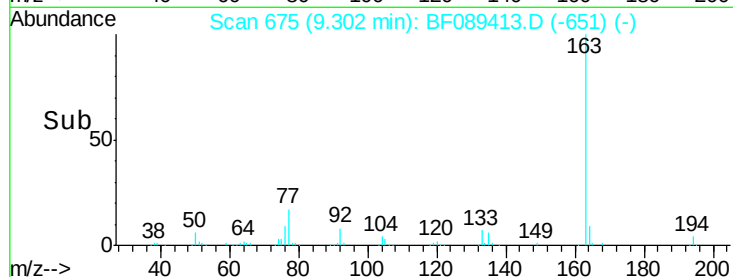
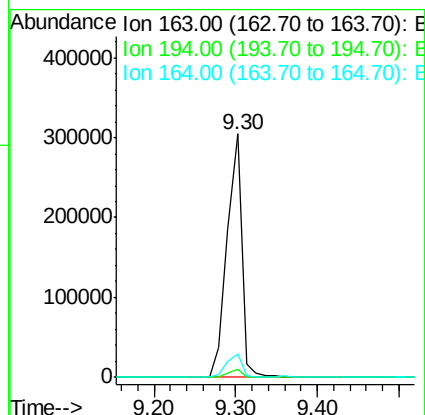
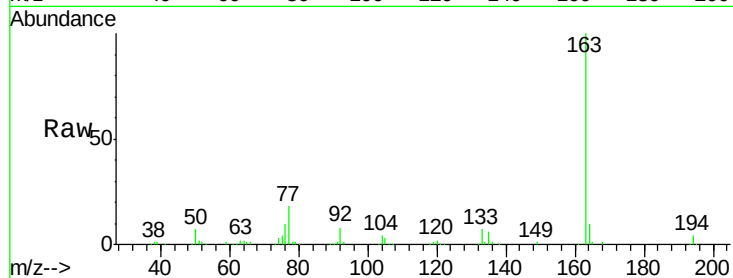




#49
Dimethylphthalate
Concen: 41.97 ng
RT: 9.30 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

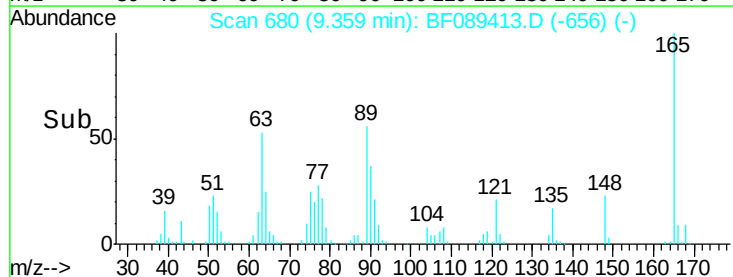
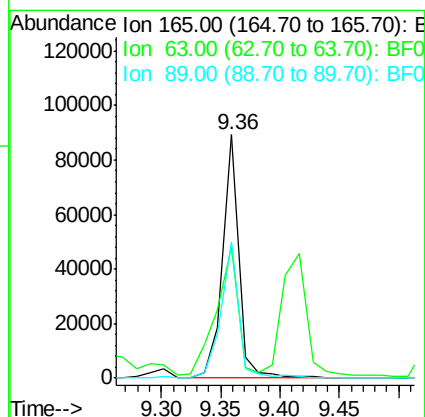
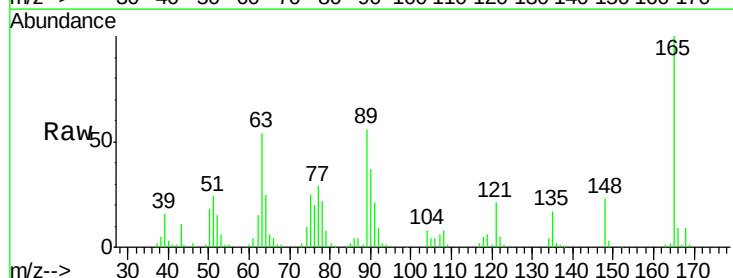
Instrument :
BNA_F
ClientSampleId :

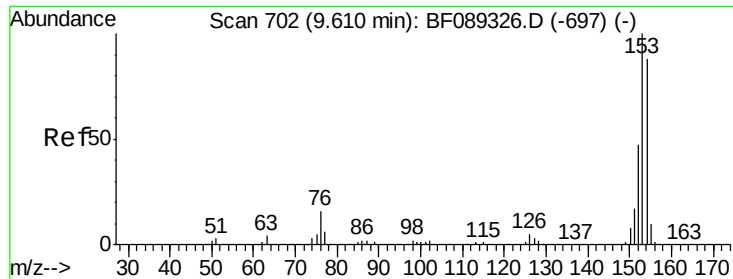
Tot Ion:163 Resp: 382420
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.9 7.8 11.8



#50
2,6-Dinitrotoluene
Concen: 45.12 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

Tgt Ion:165 Resp: 84484
Ion Ratio Lower Upper
165 100
63 53.6 43.5 65.3
89 56.0 45.0 67.4





#51

Acenaphthene

Concen: 41.19 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

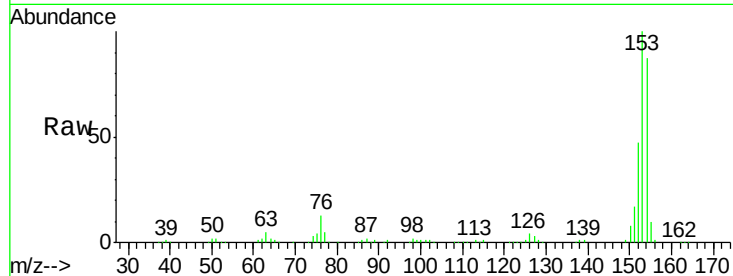
Tot Ion:154 Resp: 290087

Ion Ratio Lower Upper

154 100

153 114.7 91.4 137.2

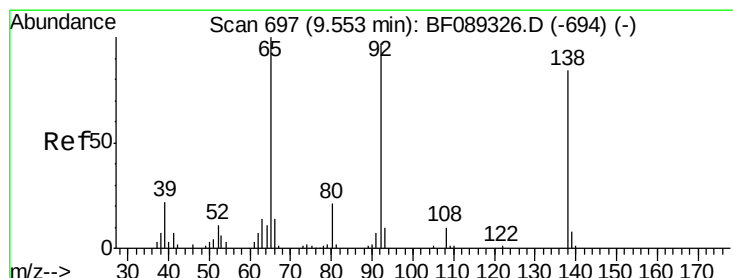
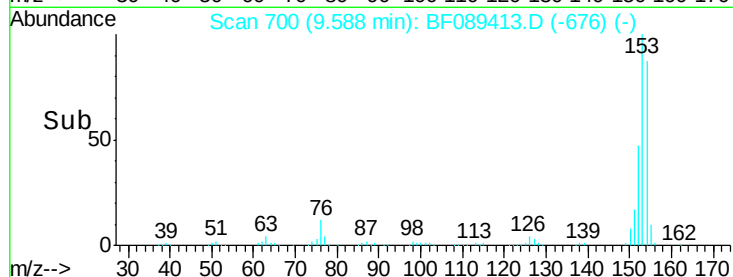
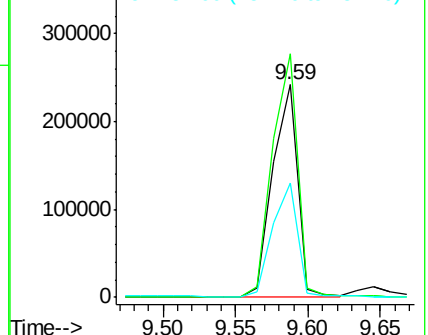
152 53.9 43.8 65.6



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: 43.20 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

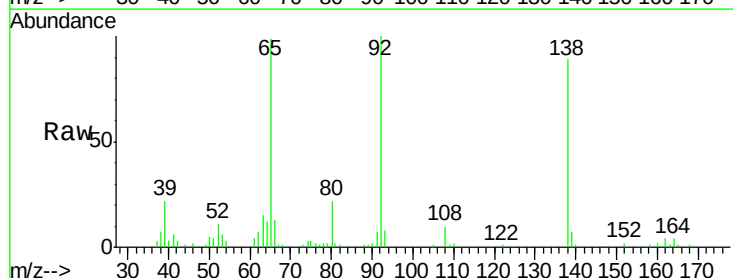
Tgt Ion:138 Resp: 85366

Ion Ratio Lower Upper

138 100

108 11.1 8.6 13.0

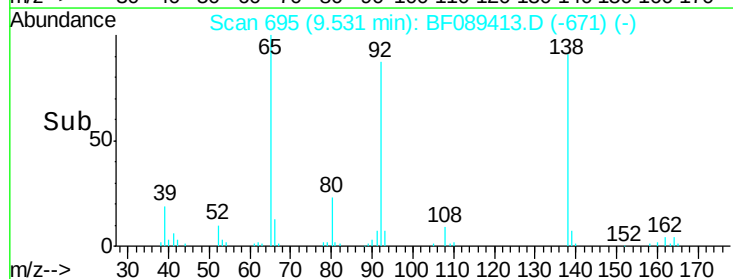
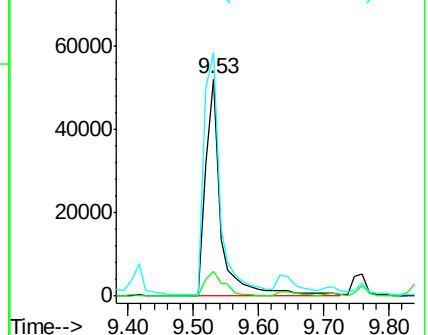
92 112.2 90.0 135.0

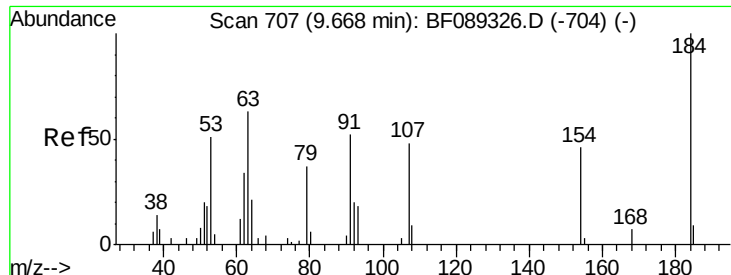


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

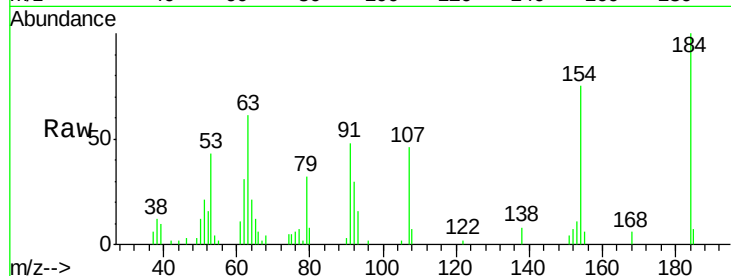




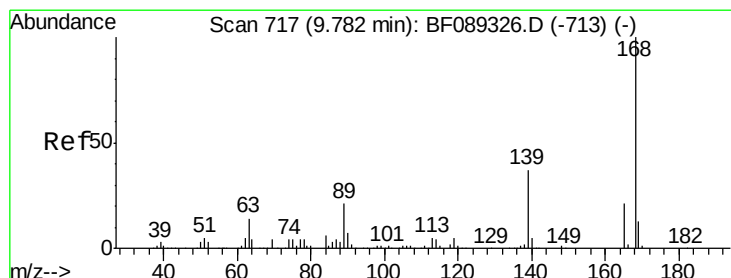
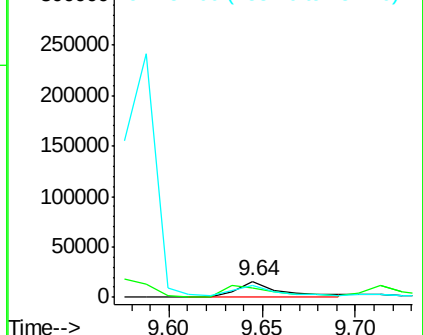
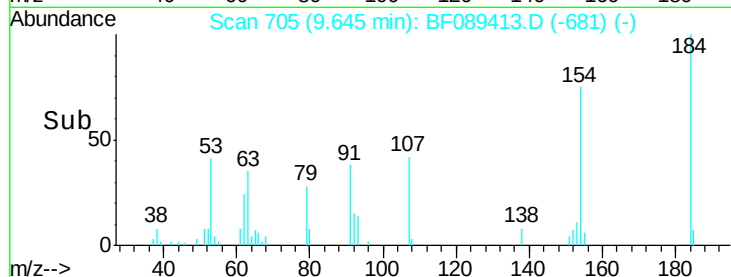
#53
2,4-Dinitrophenol
Concen: 41.39 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 25918
Ion Ratio Lower Upper
184 100
63 61.4 60.6 90.8
154 74.9 69.8 104.8

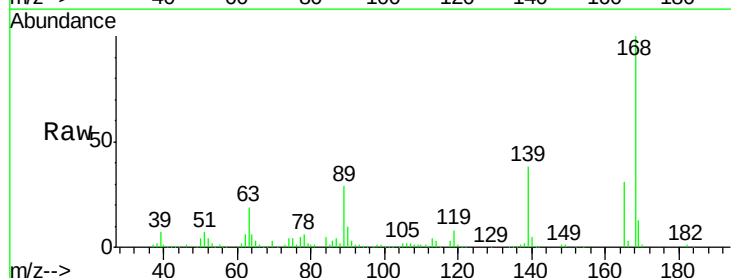


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

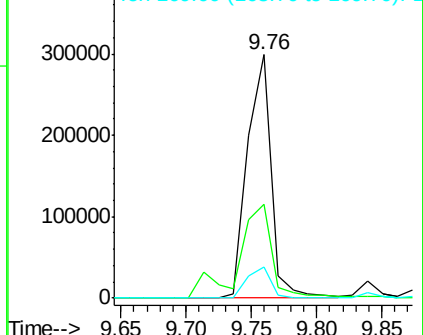
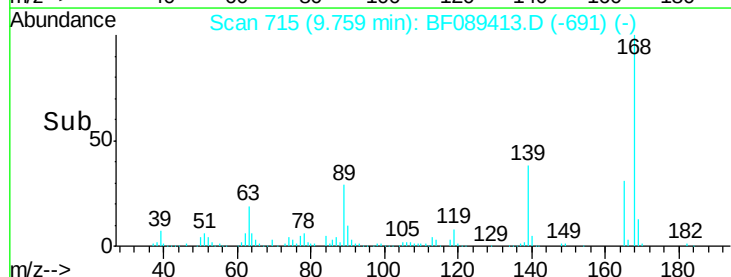


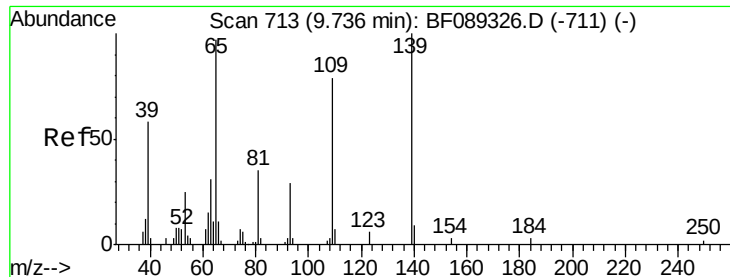
#54
Dibenzofuran
Concen: 39.36 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.02 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

Tgt Ion:168 Resp: 377680
Ion Ratio Lower Upper
168 100
139 38.3 33.7 50.5
169 13.0 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

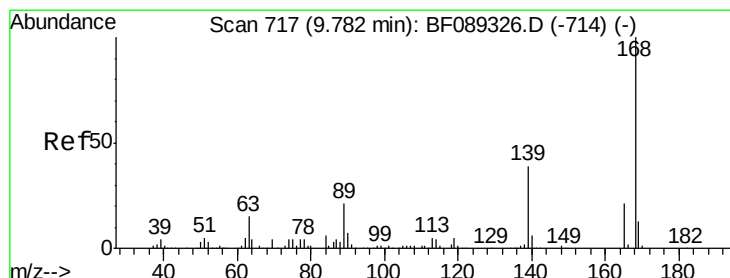
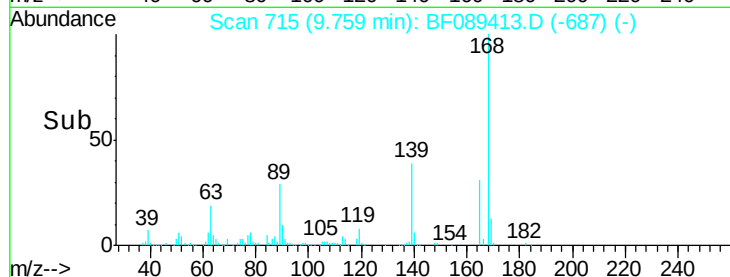
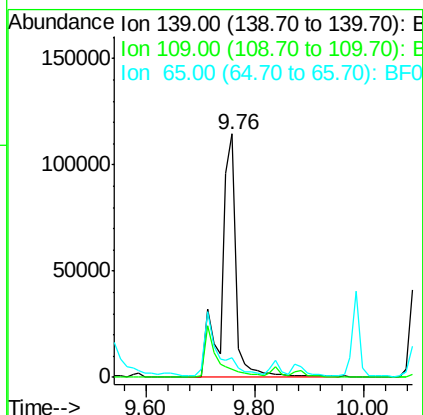
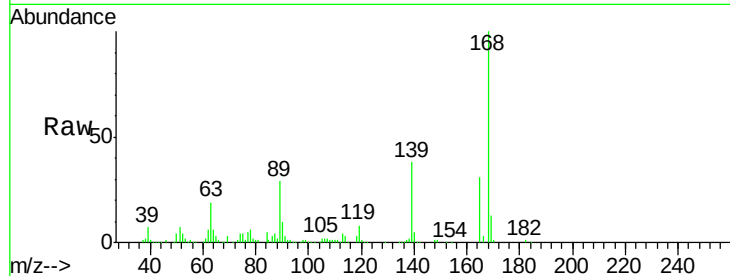




#55
4-Nitrophenol
Concen: 210.10 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.02 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

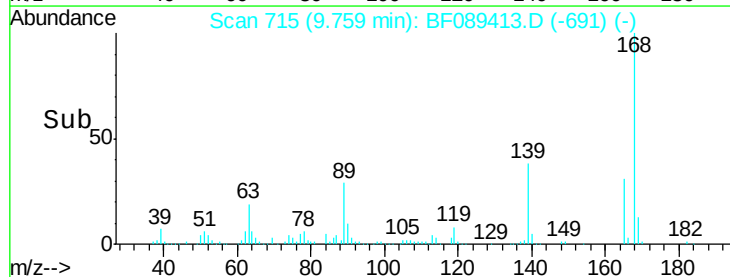
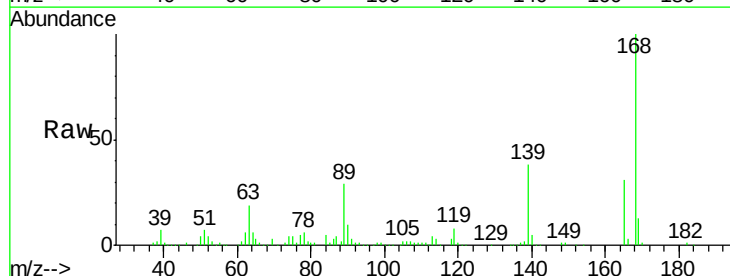
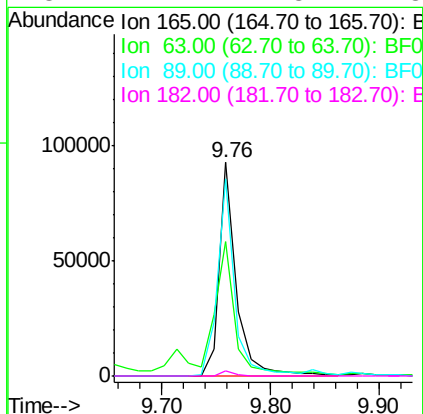
Instrument :
BNA_F
ClientSampleId :

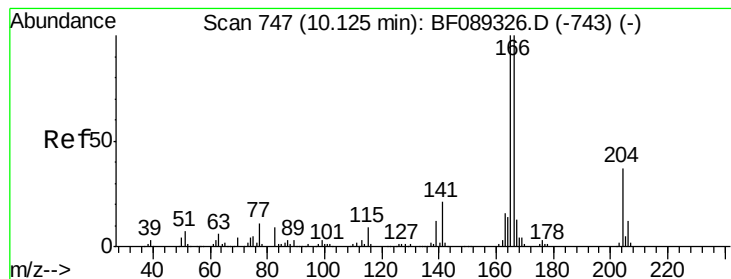
Tot Ion:139 Resp: 212670
Ion Ratio Lower Upper
139 100
109 3.2 57.8 97.8#
65 8.0 81.7 121.7#



#56
2,4-Dinitrotoluene
Concen: 41.76 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.02 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

Tgt Ion:165 Resp: 102926
Ion Ratio Lower Upper
165 100
63 62.6 58.2 87.2
89 92.3 79.1 118.7
182 2.4 1.8 2.8





#57

Fluorene

Concen: 37.34 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

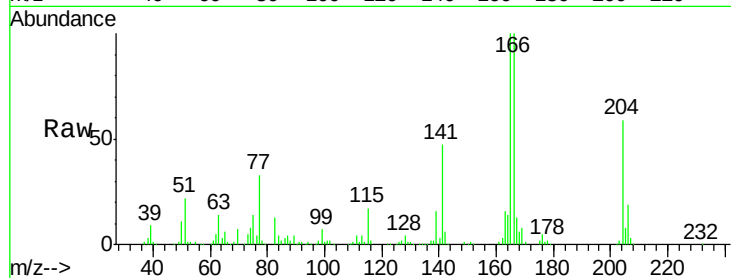
Tot Ion:166 Resp: 312774

Ion Ratio Lower Upper

166 100

165 100.2 79.0 118.4

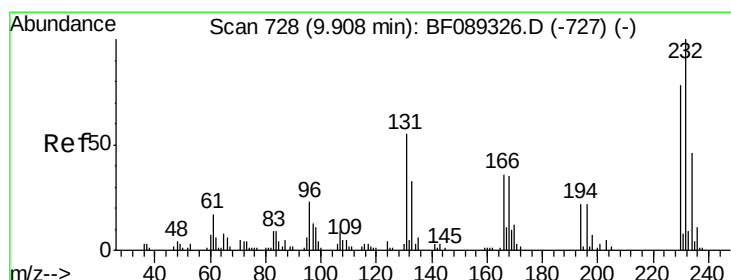
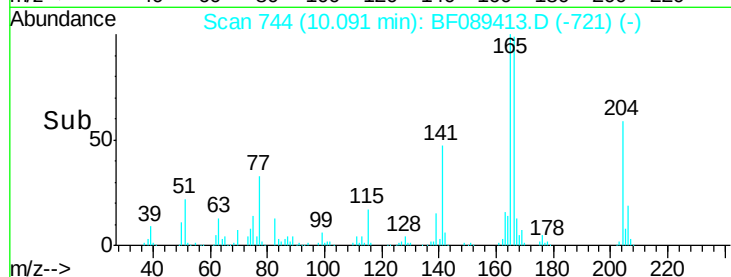
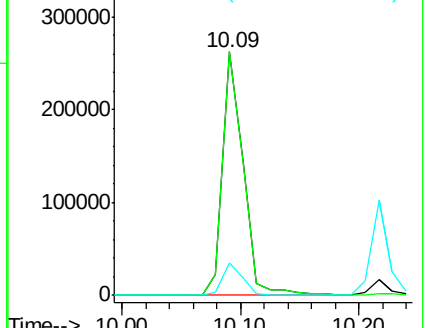
167 13.5 10.2 15.2



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: 44.63 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

Tgt Ion:232 Resp: 75195

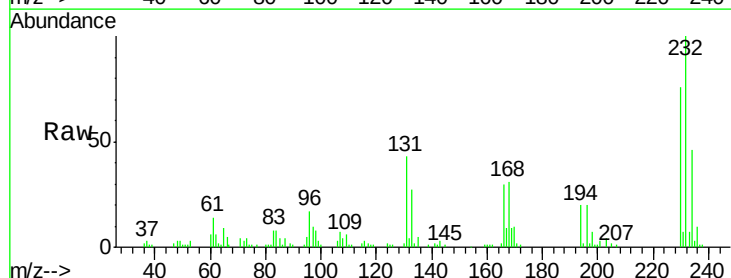
Ion Ratio Lower Upper

232 100

131 51.8 42.7 64.1

130 2.2 1.7 2.5

166 31.3 25.7 38.5

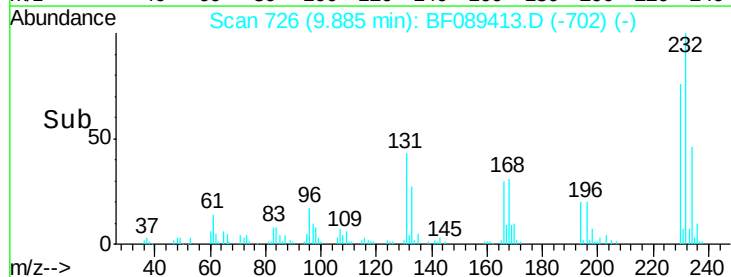
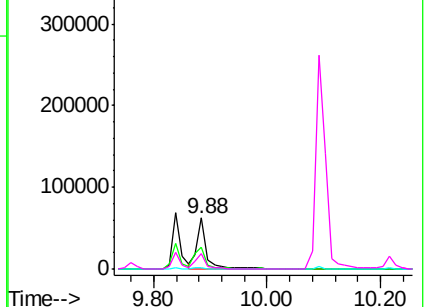


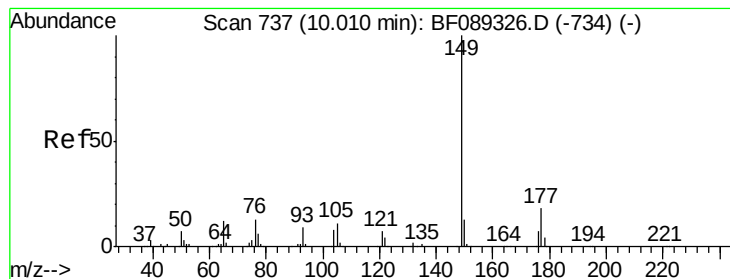
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.18 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

Instrument :

BNA_F

ClientSampled :

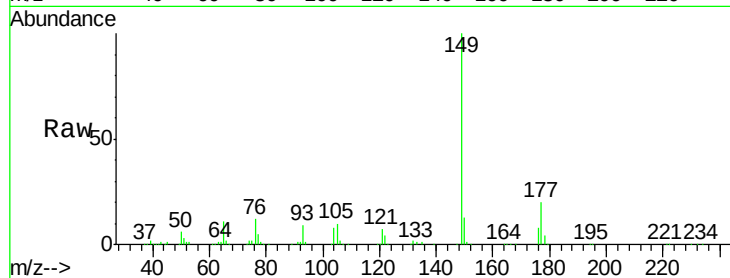
Tot Ion:149 Resp: 352740

Ion Ratio Lower Upper

149 100

177 19.6 15.1 22.7

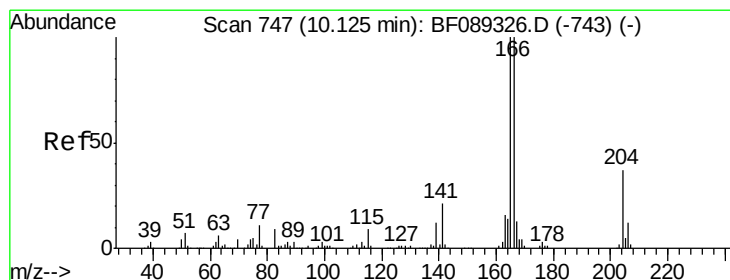
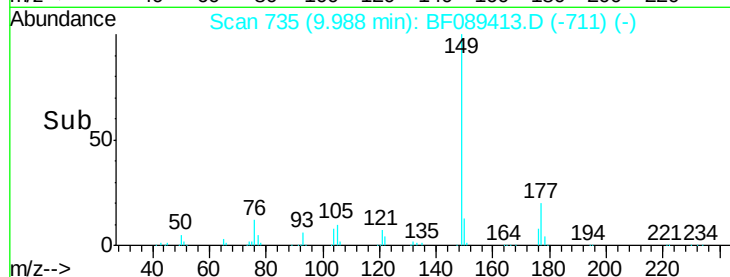
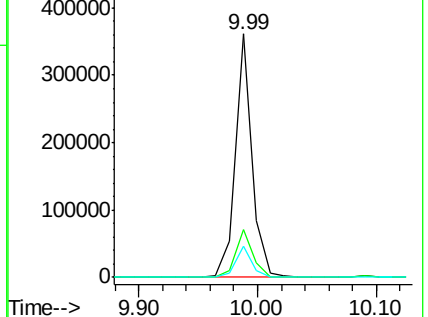
150 12.6 10.2 15.4



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: 38.62 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

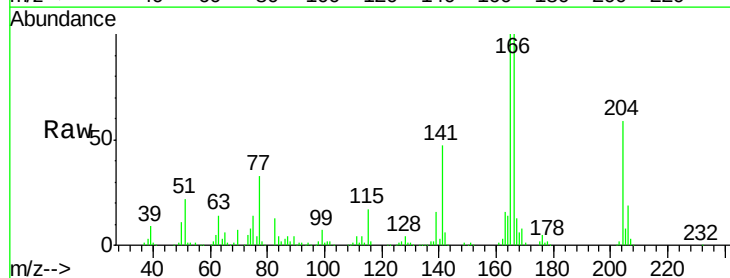
Tgt Ion:204 Resp: 148389

Ion Ratio Lower Upper

204 100

206 32.1 26.6 39.8

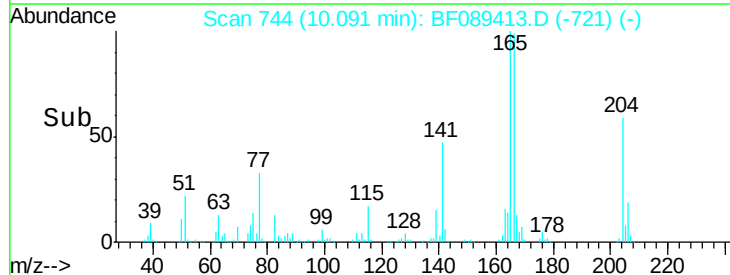
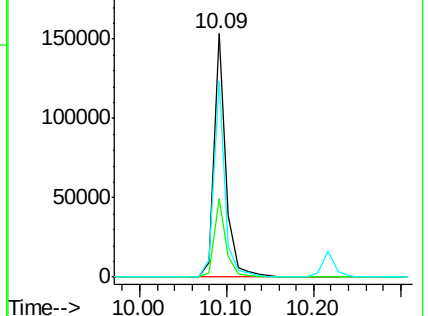
141 80.4 46.6 70.0#

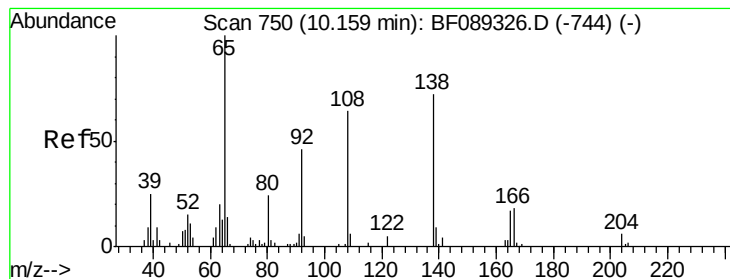


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

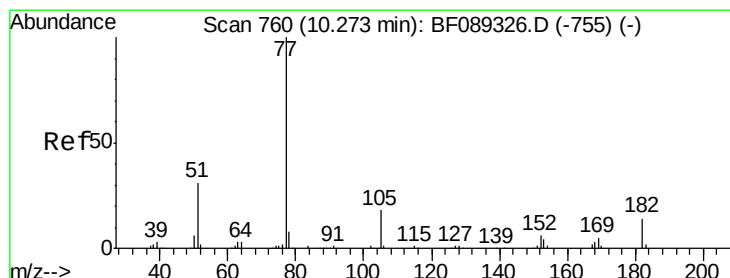
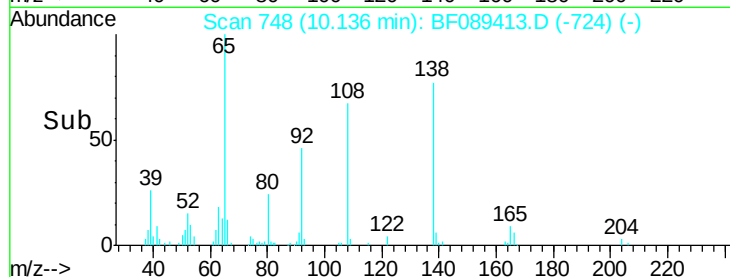
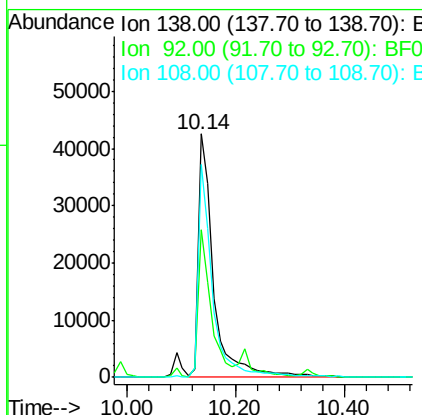
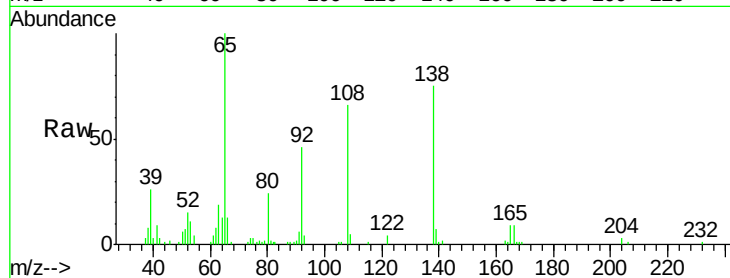




#61
 4-Nitroaniline
 Concen: 40.35 ng
 RT: 10.14 min Scan# 748
 Delta R.T. -0.02 min
 Lab File: BF089413.D
 Acq: 29 Jul 2016 16:31

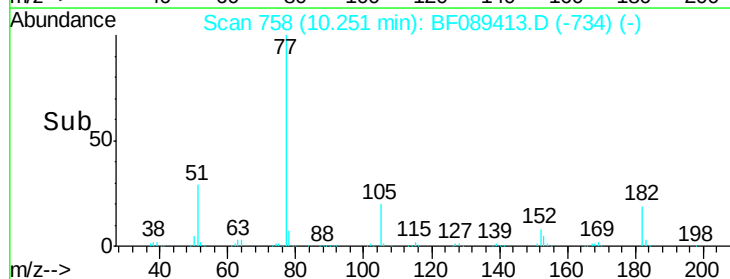
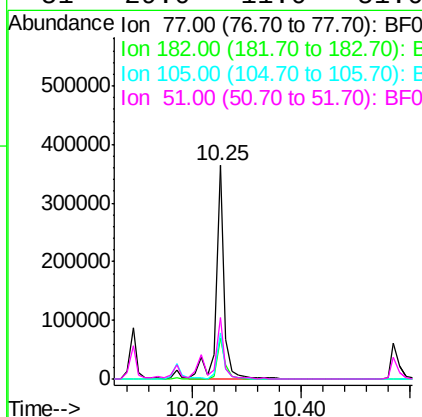
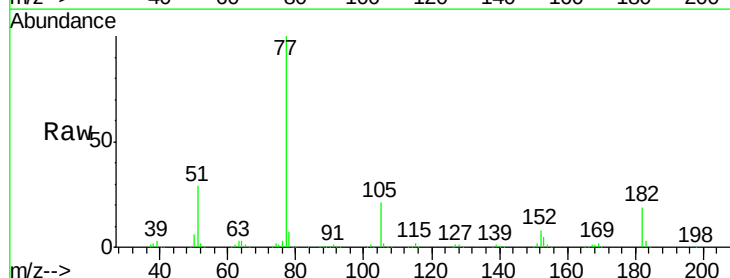
Instrument :
 BNA_F
 ClientSampled :

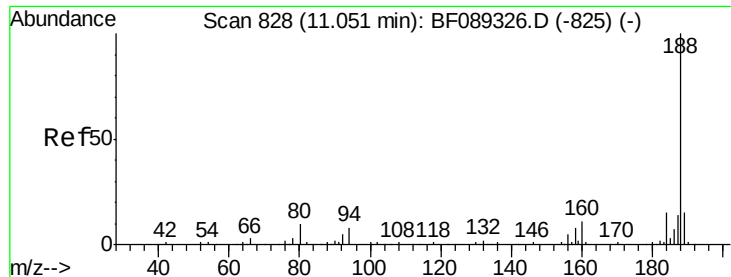
Tot Ion:138 Resp: 82182
 Ion Ratio Lower Upper
 138 100
 92 60.9 41.2 81.2
 108 87.5 69.6 109.6



#62
 Azobenzene
 Concen: 40.51 ng
 RT: 10.25 min Scan# 758
 Delta R.T. -0.02 min
 Lab File: BF089413.D
 Acq: 29 Jul 2016 16:31

Tgt Ion: 77 Resp: 385403
 Ion Ratio Lower Upper
 77 100
 182 19.2 0.0 33.8
 105 21.5 0.0 39.8
 51 29.0 11.0 51.0

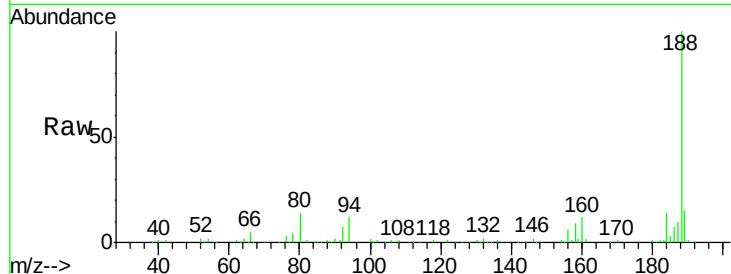




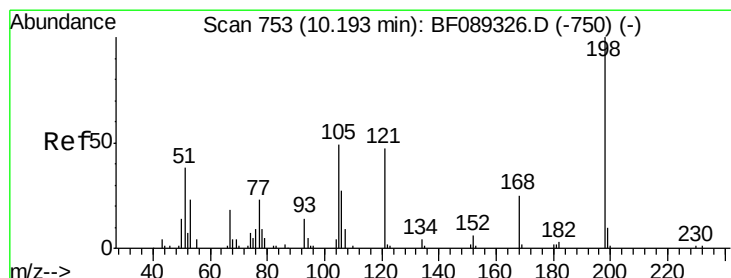
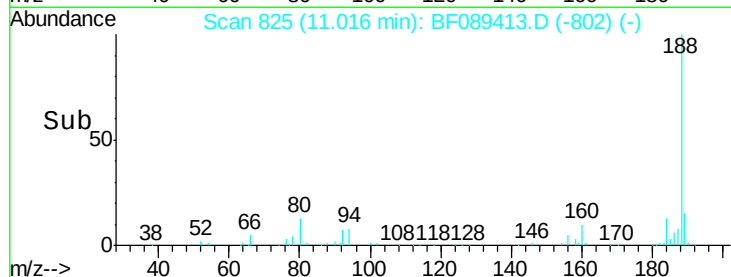
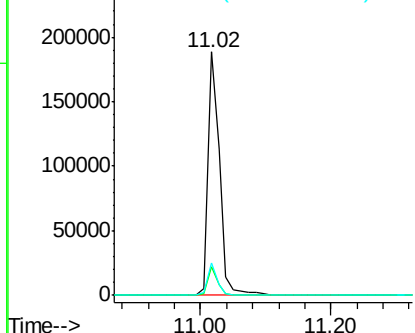
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.02 min Scan# 825
 Delta R.T. -0.03 min
 Lab File: BF089413.D
 Acq: 29 Jul 2016 16:31

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:188 Resp: 231988
 Ion Ratio Lower Upper
 188 100
 94 11.9 6.5 9.7#
 80 13.5 7.2 10.8#

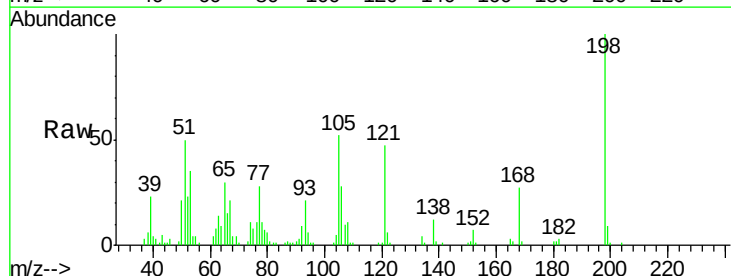


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

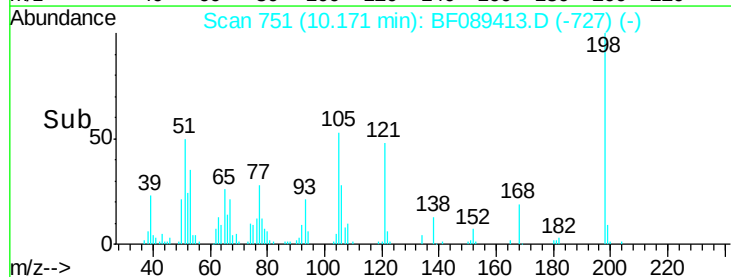
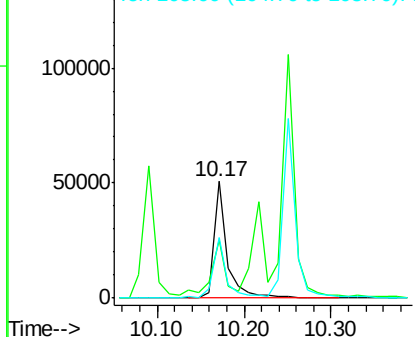


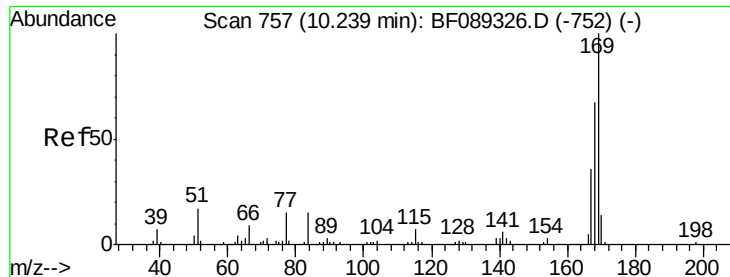
#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.36 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.02 min
 Lab File: BF089413.D
 Acq: 29 Jul 2016 16:31

Tgt Ion:198 Resp: 53903
 Ion Ratio Lower Upper
 198 100
 51 49.8 23.0 63.0
 105 52.2 28.3 68.3



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

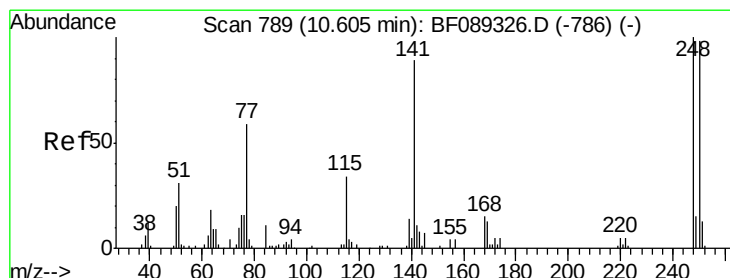
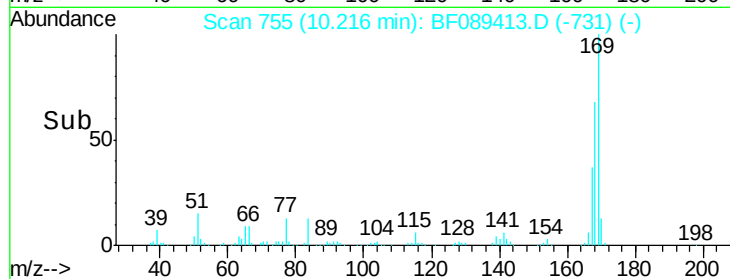
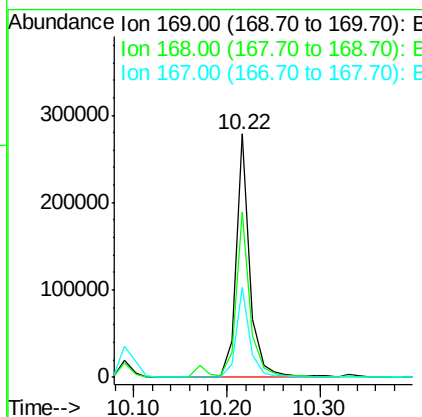
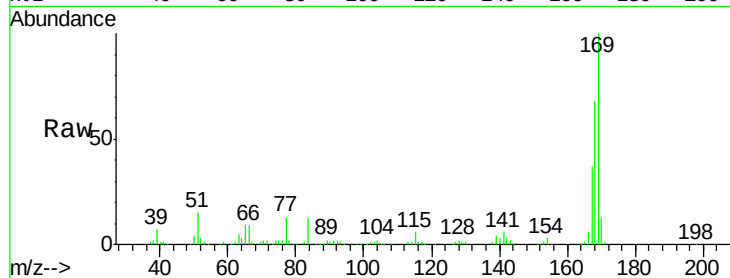




#65
 n-Nitrosodiphenylamine
 Concen: 39.87 ng
 RT: 10.22 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BF089413.D
 Acq: 29 Jul 2016 16:31

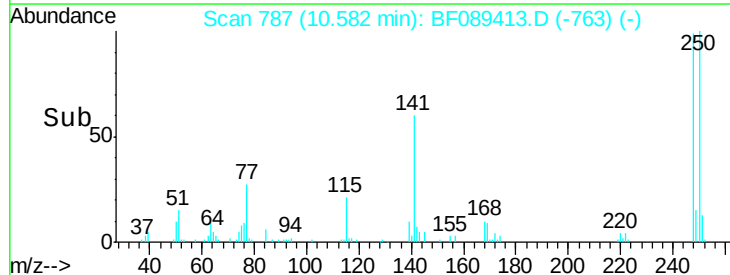
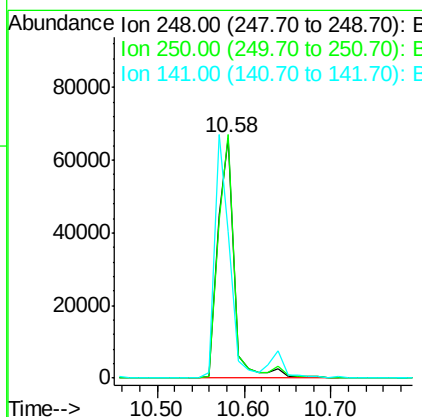
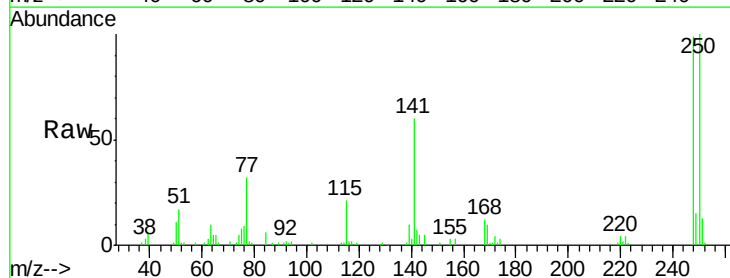
Instrument :
 BNA_F
 ClientSampleId :

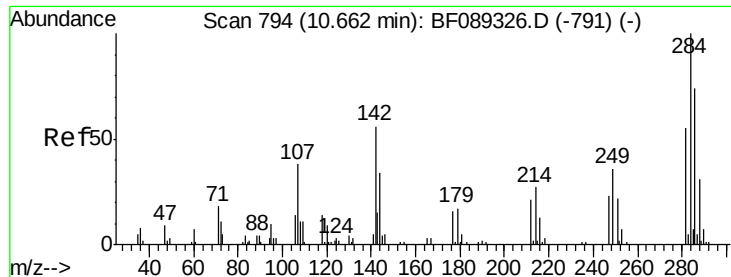
Tot Ion	169	Resp	288617
Ion	Ratio	Lower	Upper
169	100		
168	67.8	55.4	83.0
167	36.7	29.7	44.5



#66
 4-Bromophenyl-phenylether
 Concen: 39.42 ng
 RT: 10.58 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF089413.D
 Acq: 29 Jul 2016 16:31

Tgt Ion	248	Resp	87319
Ion	Ratio	Lower	Upper
248	100		
250	101.4	78.2	117.2
141	61.1	62.0	93.0

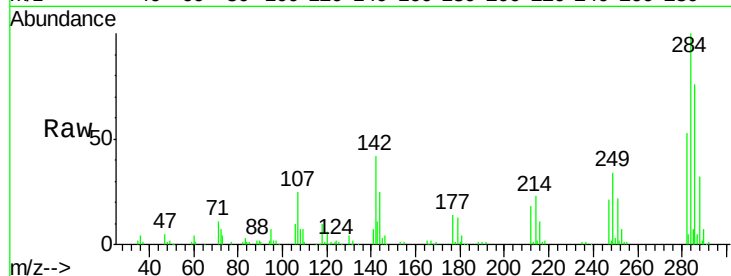




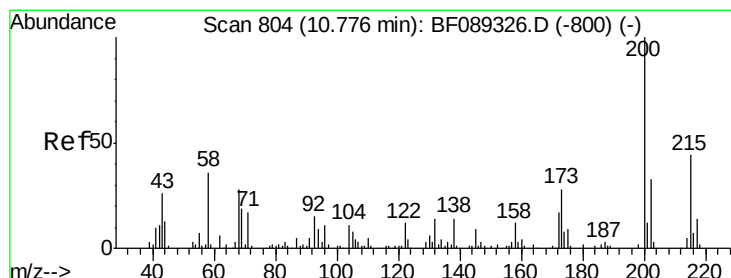
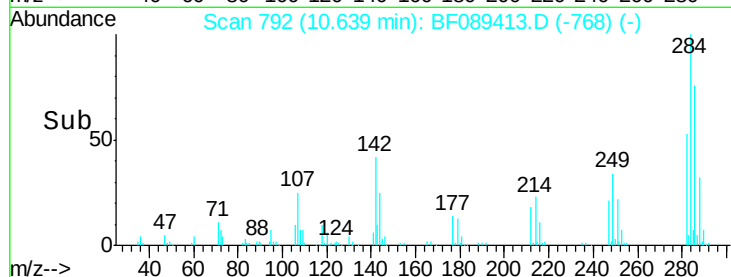
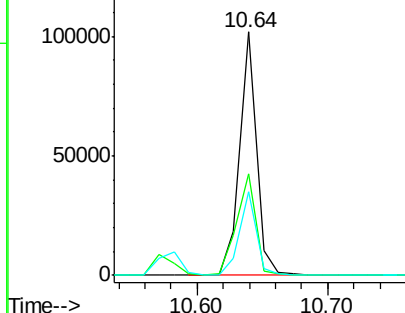
#67
Hexachlorobenzene
Concen: 40.18 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 91196
Ion Ratio Lower Upper
284 100
142 41.5 42.2 63.4#
249 34.4 29.4 44.0

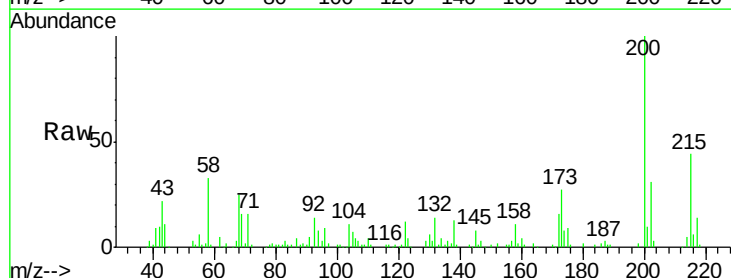


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

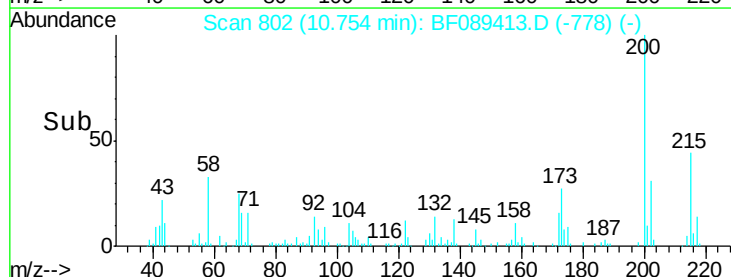
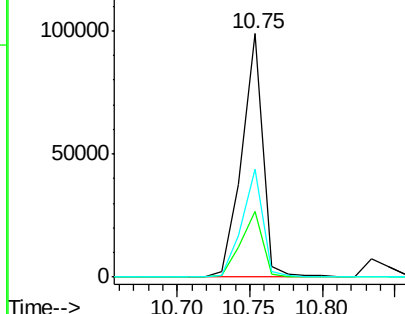


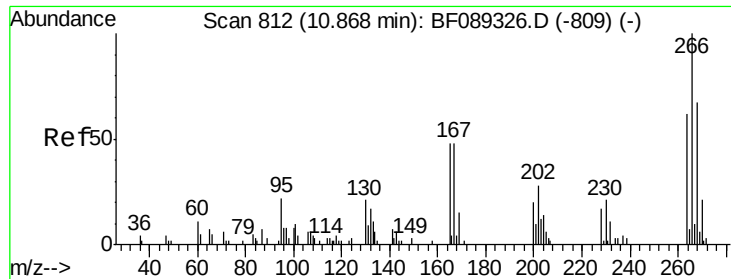
#68
Atrazine
Concen: 44.95 ng
RT: 10.75 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

Tgt Ion:200 Resp: 99967
Ion Ratio Lower Upper
200 100
173 26.9 6.0 46.0
215 44.4 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

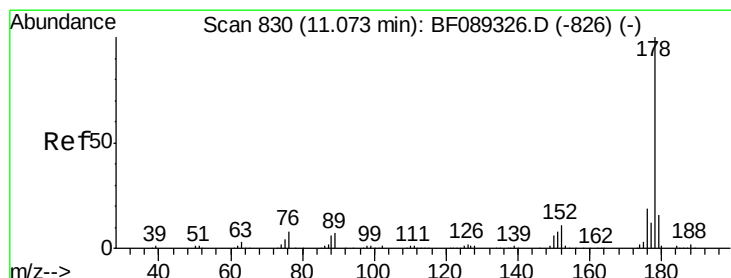
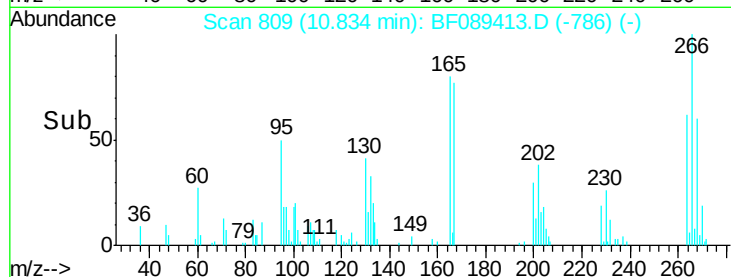
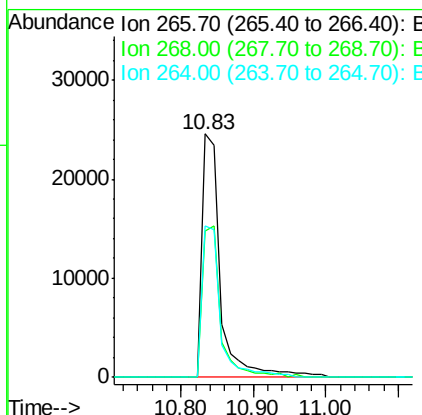
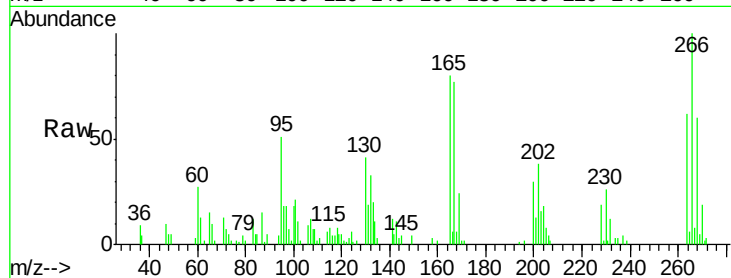




#69
 Pentachlorophenol
 Concen: 42.64 ng
 RT: 10.83 min Scan# 809
 Delta R.T. -0.03 min
 Lab File: BF089413.D
 Acq: 29 Jul 2016 16:31

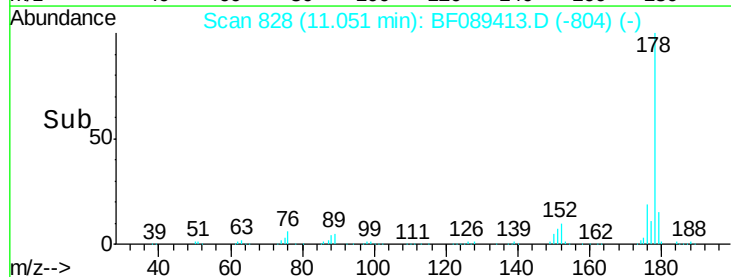
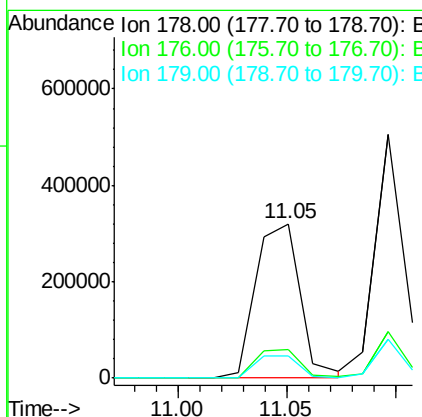
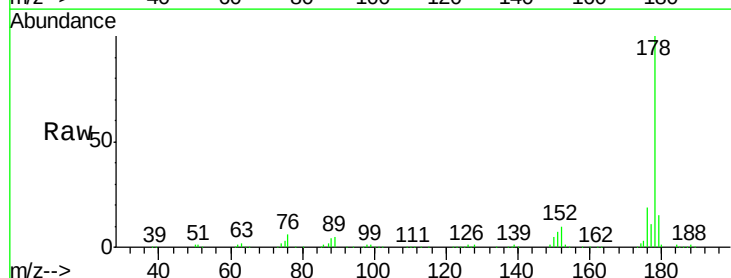
Instrument :
 BNA_F
 ClientSampleId :

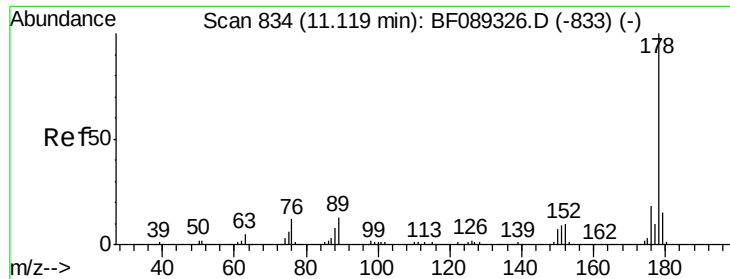
Tot Ion:266 Resp: 43522
 Ion Ratio Lower Upper
 266 100
 268 60.3 49.4 74.2
 264 62.4 50.2 75.2



#70
 Phenanthrene
 Concen: 38.41 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.02 min
 Lab File: BF089413.D
 Acq: 29 Jul 2016 16:31

Tgt Ion:178 Resp: 459554
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.5 23.3
 179 14.6 12.3 18.5

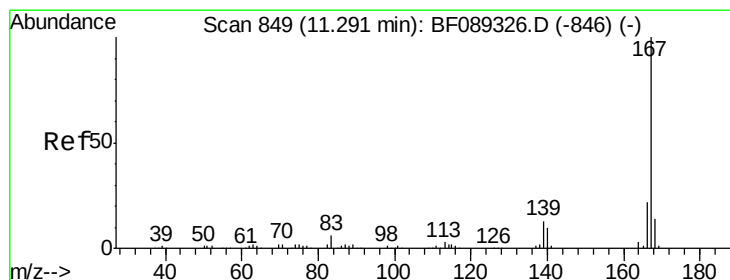
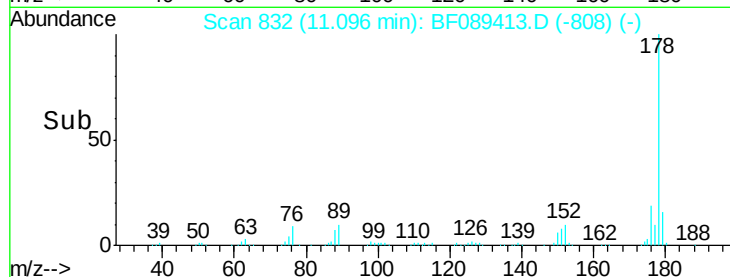
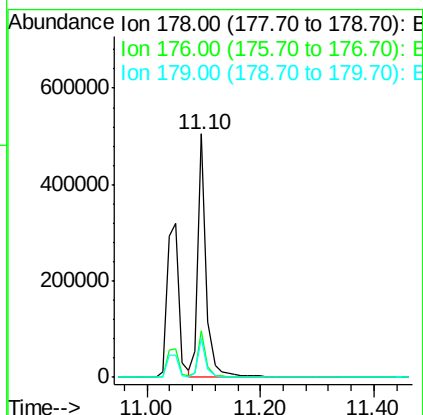
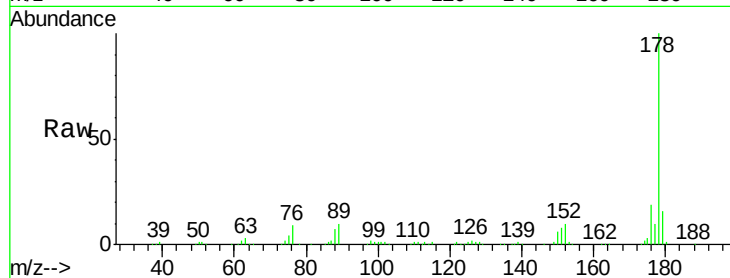




#71
 Anthracene
 Concen: 38.28 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF089413.D
 Acq: 29 Jul 2016 16:31

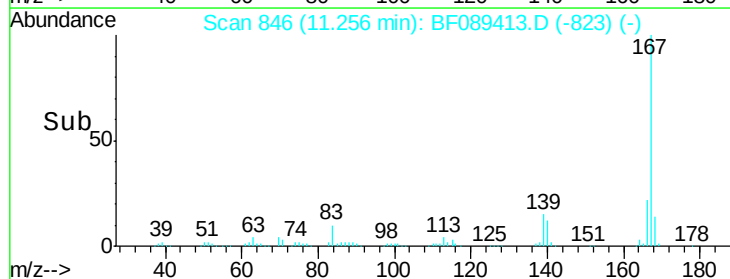
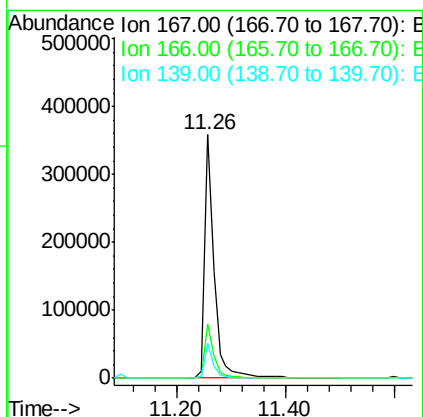
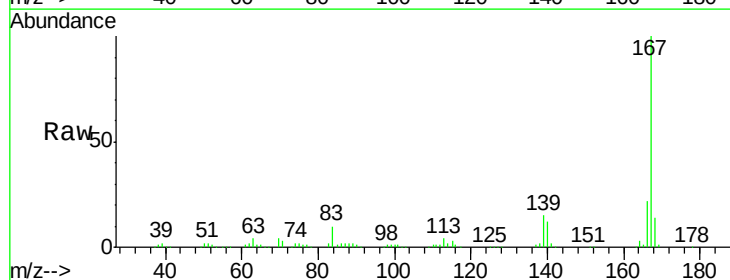
Instrument :
 BNA_F
 ClientSampleId :

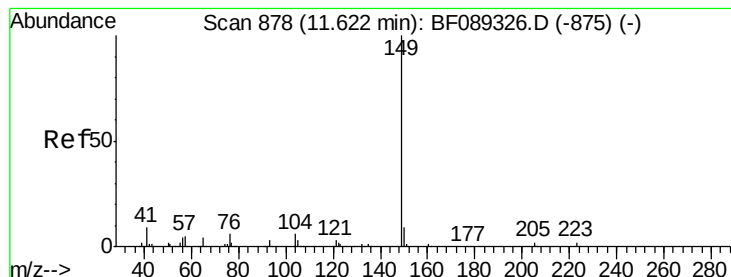
Tot Ion:178 Resp: 509207
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.8 22.2
 179 15.7 12.6 18.8



#72
 Carbazole
 Concen: 38.38 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.03 min
 Lab File: BF089413.D
 Acq: 29 Jul 2016 16:31

Tgt Ion:167 Resp: 429729
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 14.5 10.1 15.1





#73

Di-n-butylphthalate

Concen: 37.86 ng

RT: 11.60 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

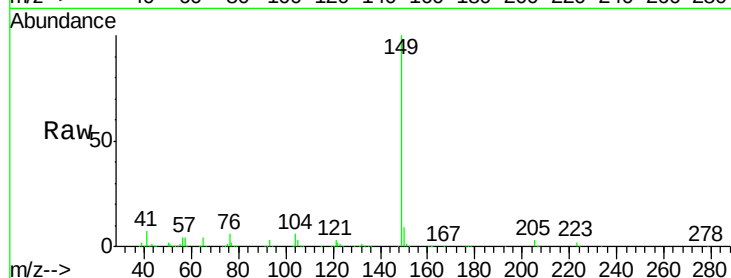
Tot Ion:149 Resp: 568782

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

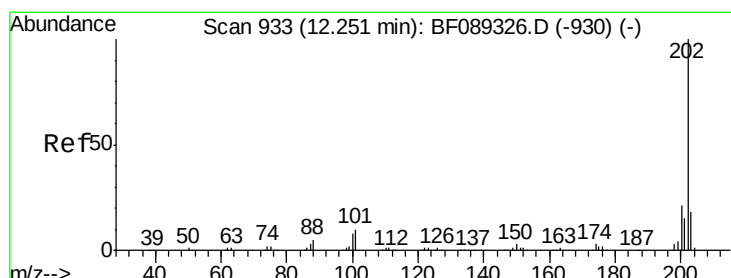
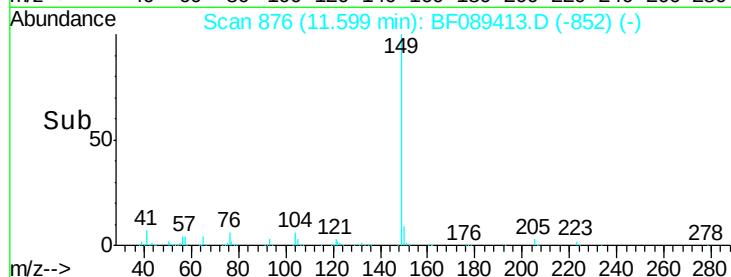
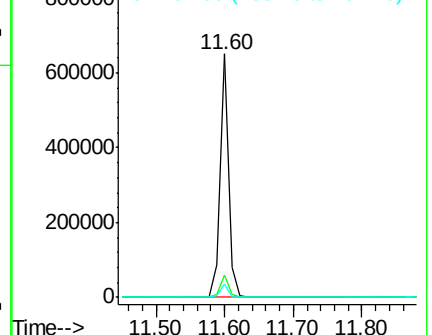
104 5.6 4.7 7.1



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: 37.85 ng

RT: 12.22 min Scan# 930

Delta R.T. -0.03 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

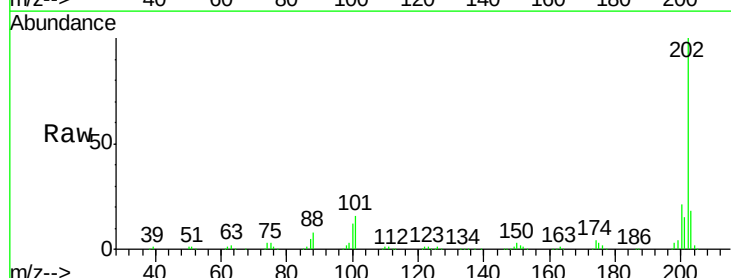
Tgt Ion:202 Resp: 476395

Ion Ratio Lower Upper

202 100

101 15.7 0.0 29.9

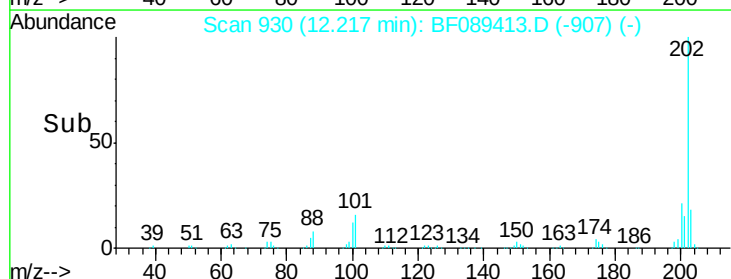
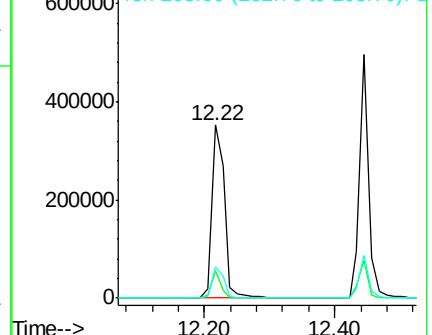
203 18.0 0.0 37.3

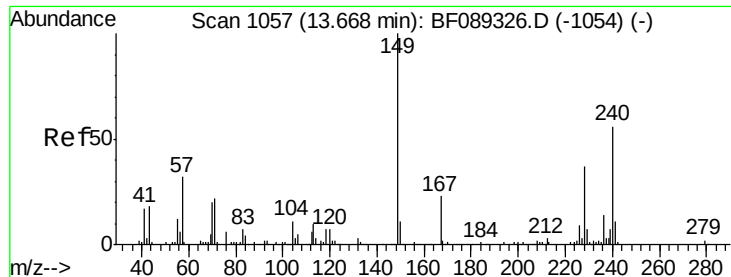


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.65 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

Instrument :

BNA_F

ClientSampled :

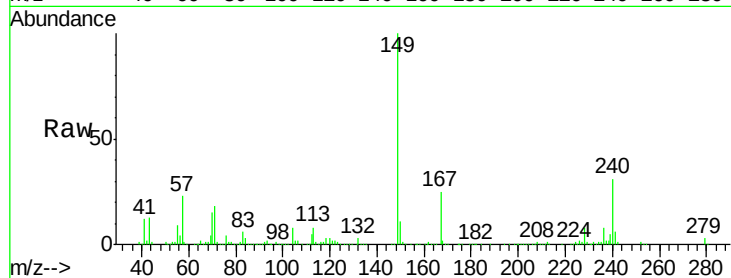
Tot Ion:240 Resp: 149569

Ion Ratio Lower Upper

240 100

120 9.7 9.1 13.7

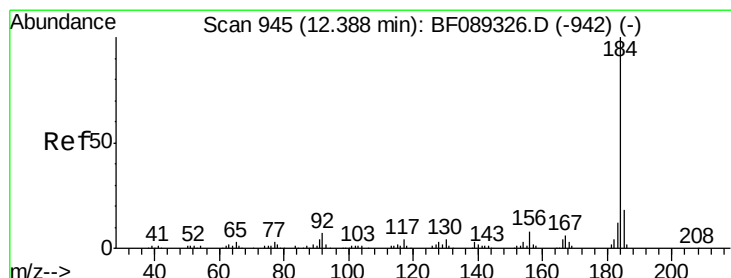
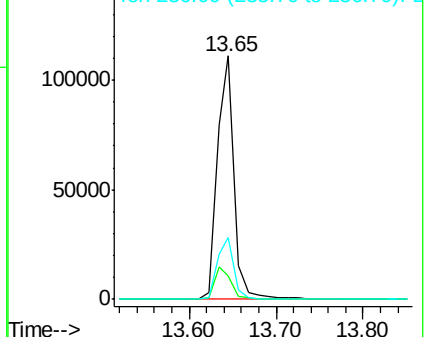
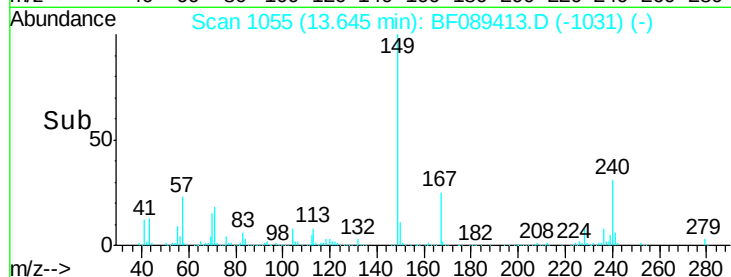
236 25.6 20.6 30.8



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: 44.81 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

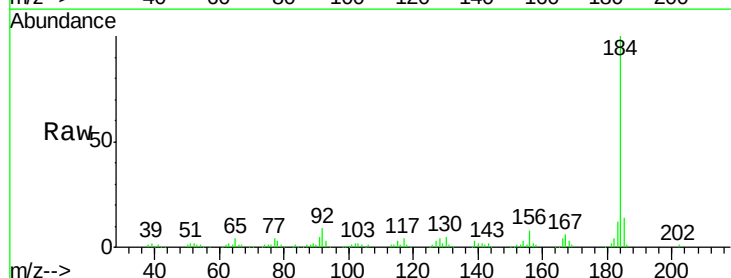
Tgt Ion:184 Resp: 247654

Ion Ratio Lower Upper

184 100

185 14.2 13.5 20.3

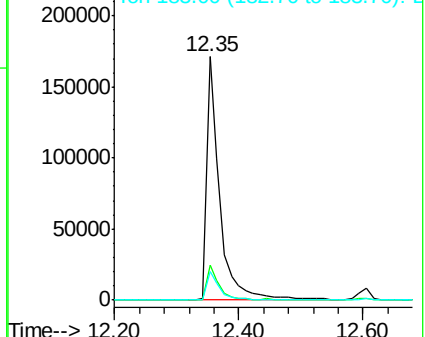
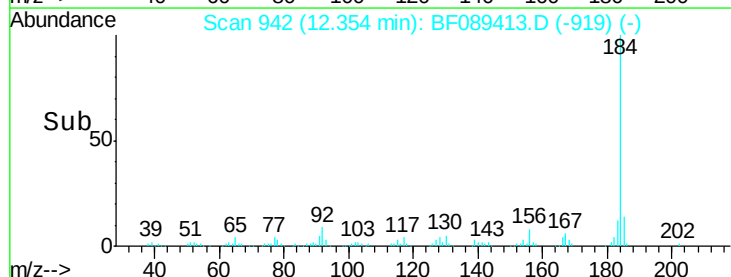
183 11.9 9.8 14.6

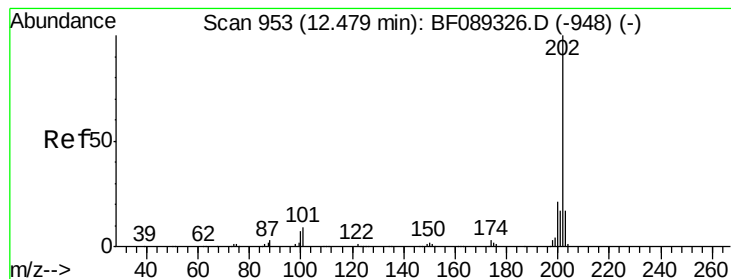


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.65 ng

RT: 12.45 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

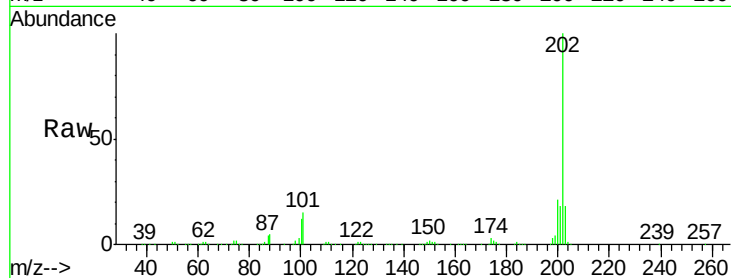
Tot Ion:202 Resp: 483443

Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

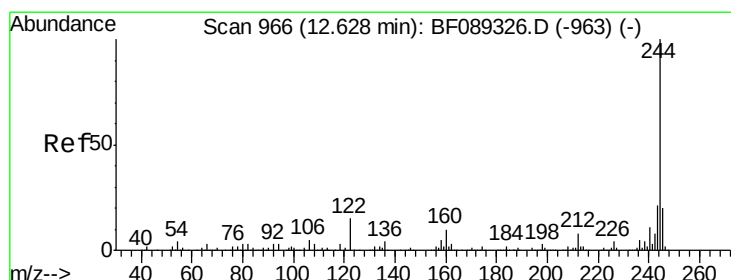
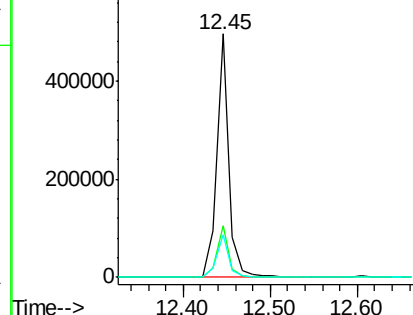
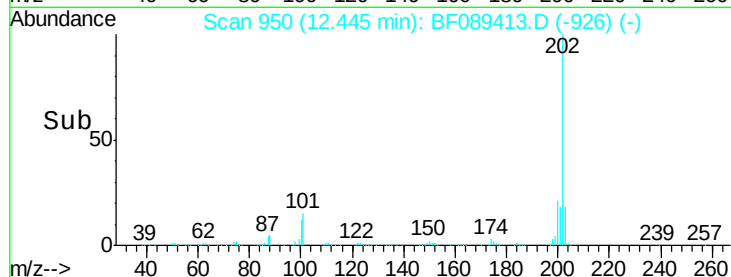
203 17.5 14.0 21.0



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: 89.65 ng

RT: 12.61 min Scan# 964

Delta R.T. -0.02 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

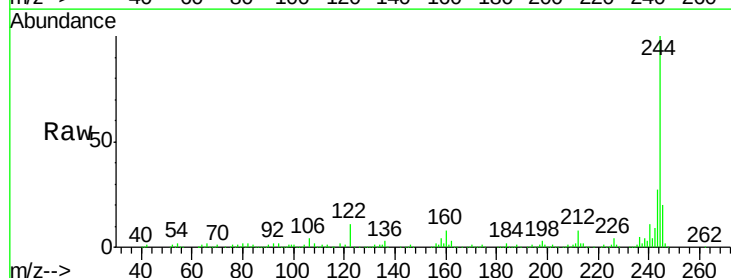
Tgt Ion:244 Resp: 572933

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

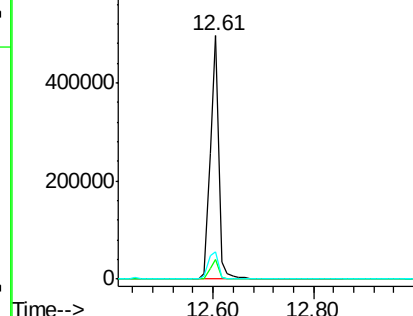
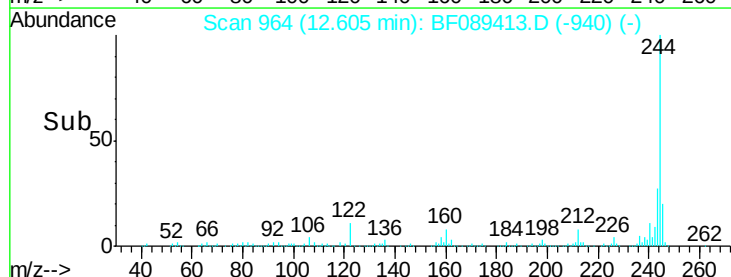
122 11.3 11.4 17.0#

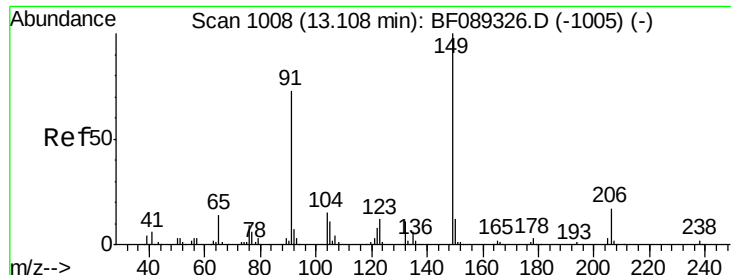


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.18 ng

RT: 13.09 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

Instrument :

BNA_F

ClientSampled :

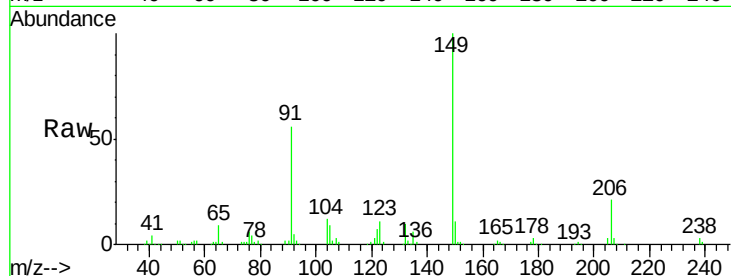
Tot Ion:149 Resp: 238017

Ion Ratio Lower Upper

149 100

91 56.5 58.5 87.7#

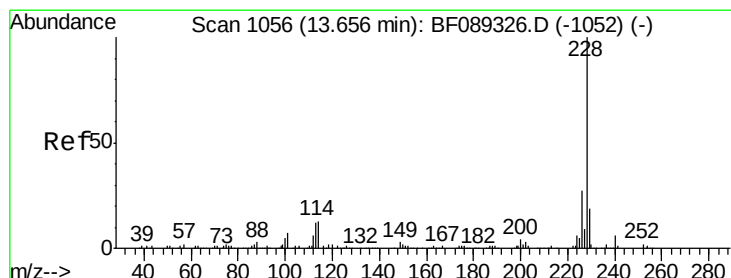
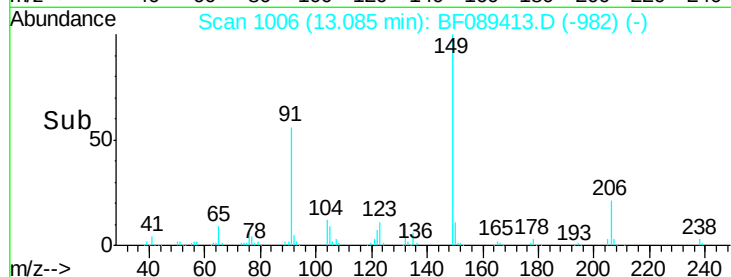
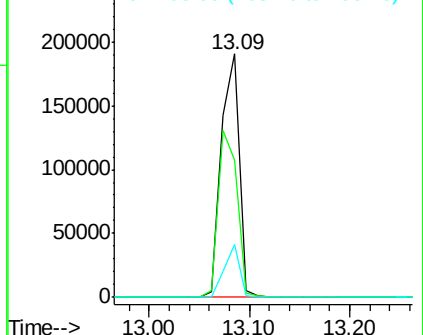
206 21.5 13.8 20.8#



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: 41.55 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

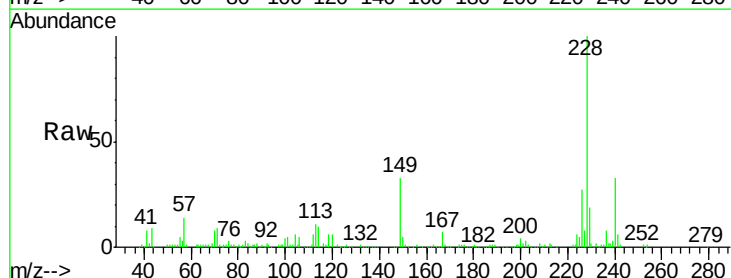
Tgt Ion:228 Resp: 350699

Ion Ratio Lower Upper

228 100

226 26.8 21.4 32.2

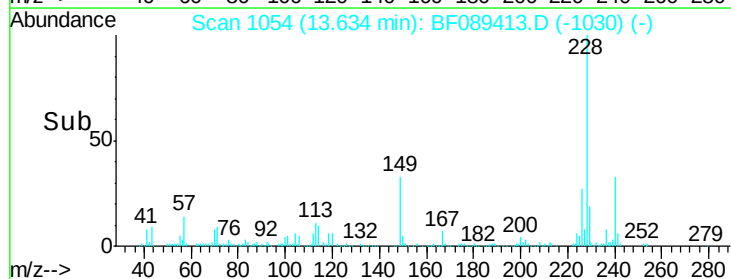
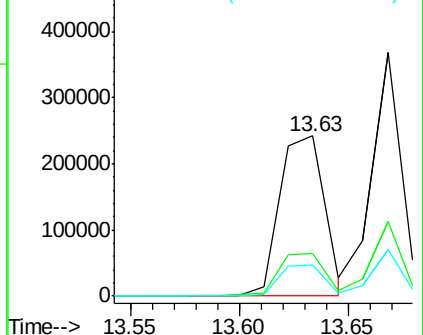
229 19.2 15.9 23.9

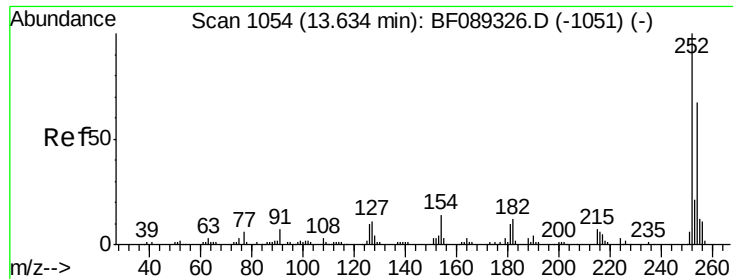


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

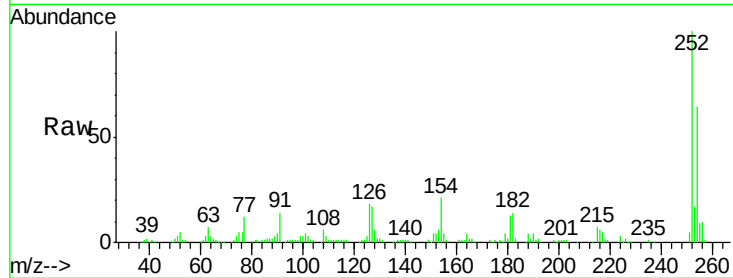




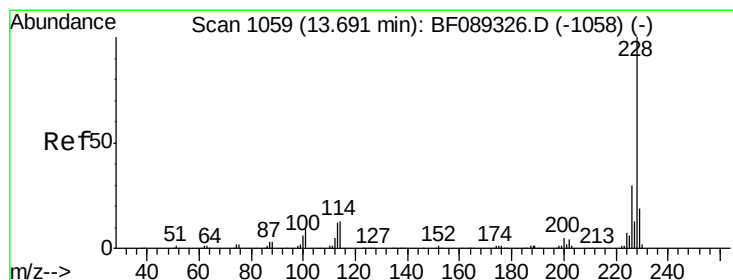
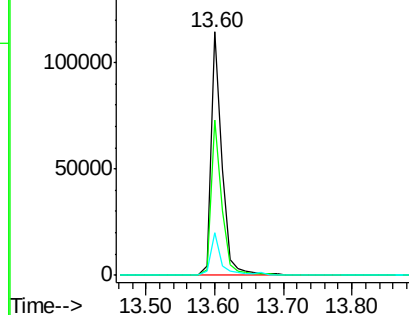
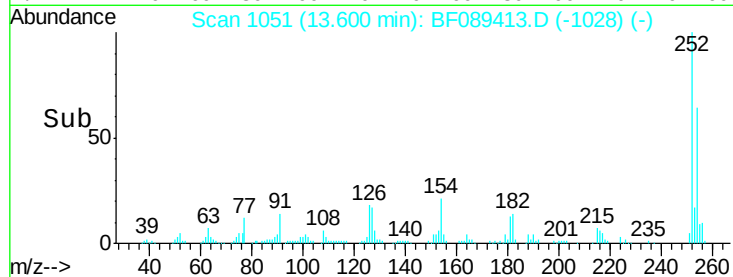
#81
 3,3'-Dichlorobenzidine
 Concen: 42.23 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BF089413.D
 Acq: 29 Jul 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 128258
 Ion Ratio Lower Upper
 252 100
 254 63.9 52.5 78.7
 126 17.7 7.4 11.2#

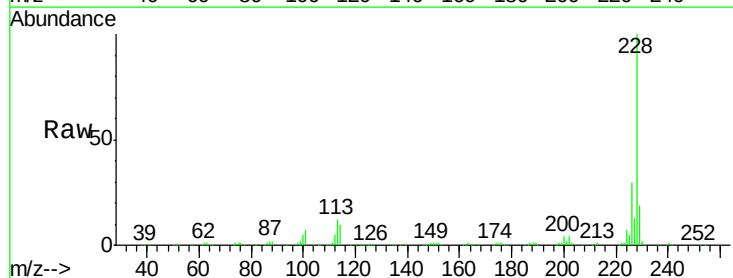


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

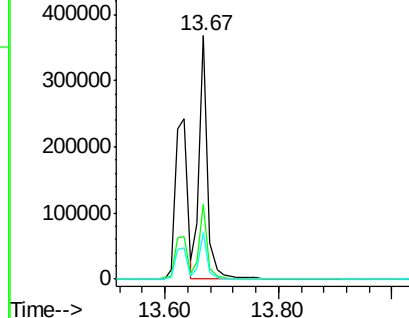
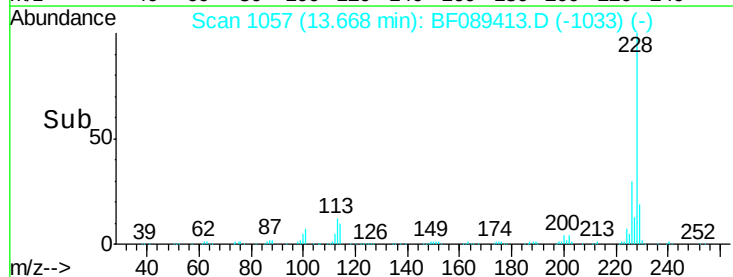


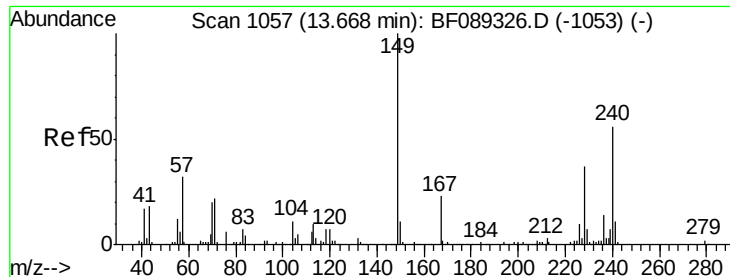
#82
 Chrysene
 Concen: 41.74 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.02 min
 Lab File: BF089413.D
 Acq: 29 Jul 2016 16:31

Tgt Ion:228 Resp: 375050
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.2 36.2
 229 19.3 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: 43.60 ng

RT: 13.65 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

Instrument :

BNA_F

ClientSampled :

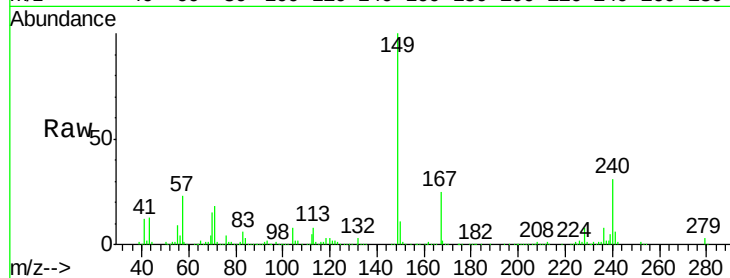
Tot Ion:149 Resp: 324849

Ion Ratio Lower Upper

149 100

167 25.1 18.8 28.2

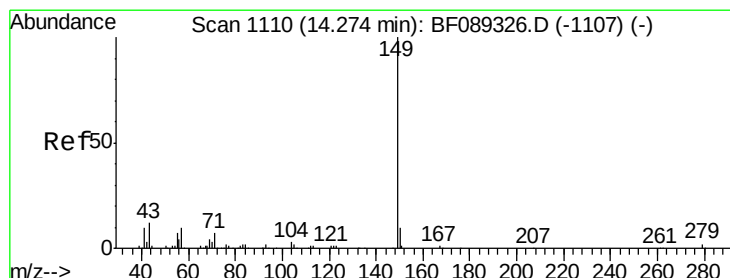
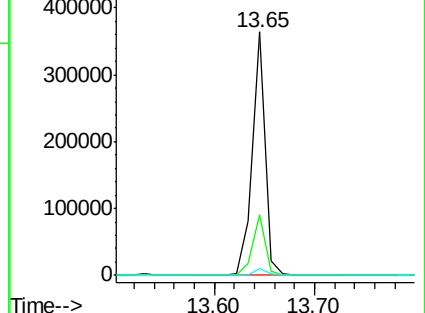
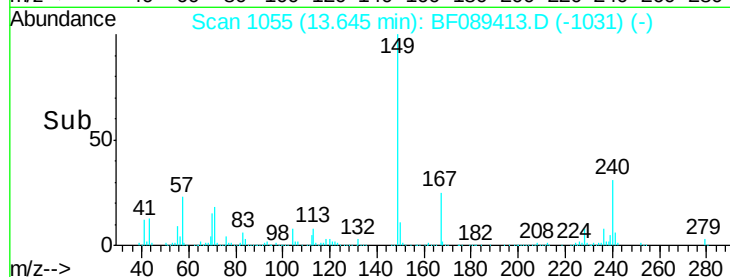
279 2.8 1.4 2.0#



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: 42.96 ng

RT: 14.25 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BF089413.D

Acq: 29 Jul 2016 16:31

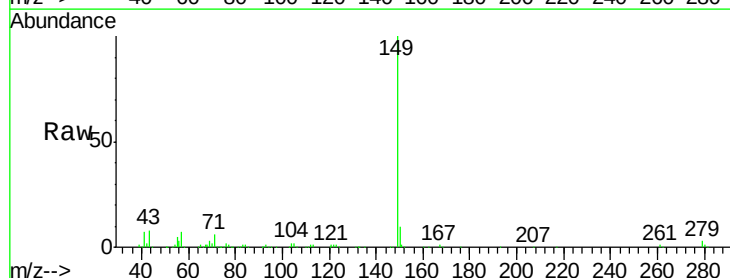
Tgt Ion:149 Resp: 499377

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

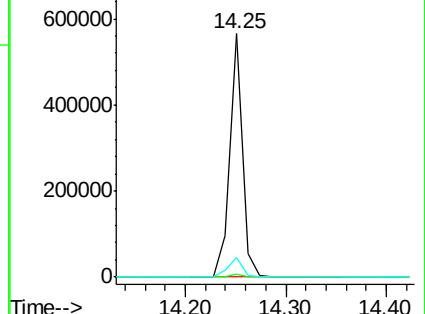
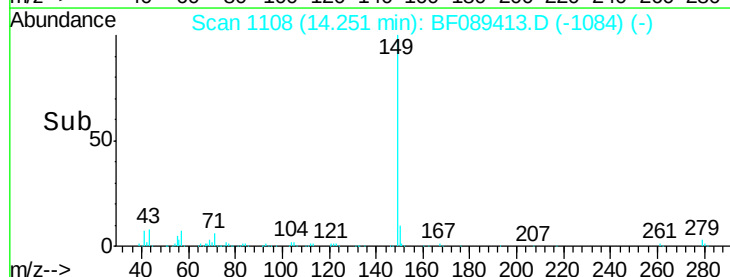
43 9.3 7.3 10.9

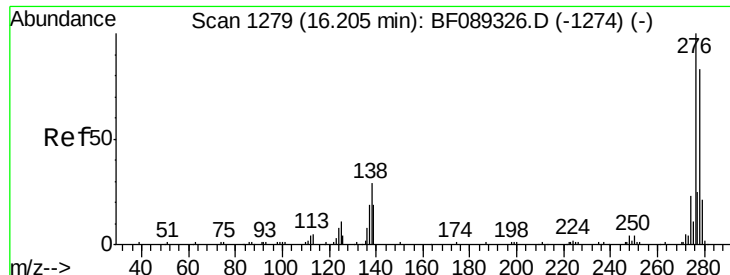


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

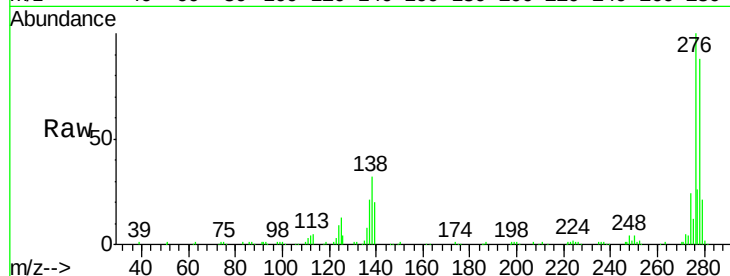




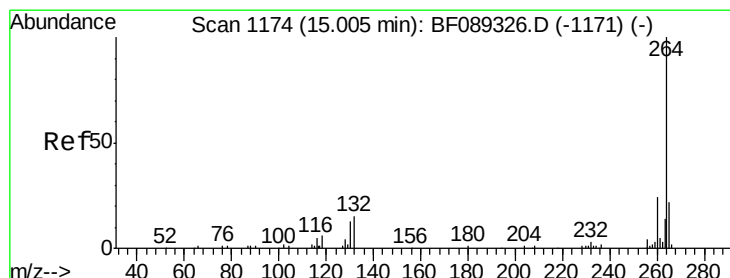
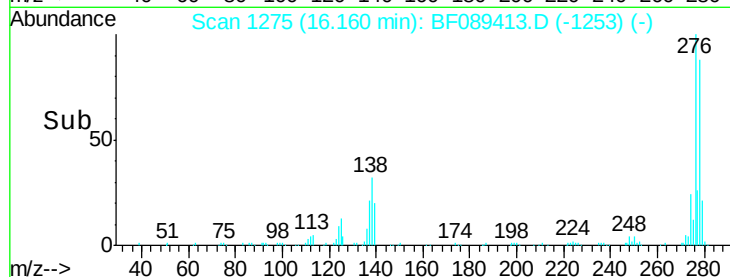
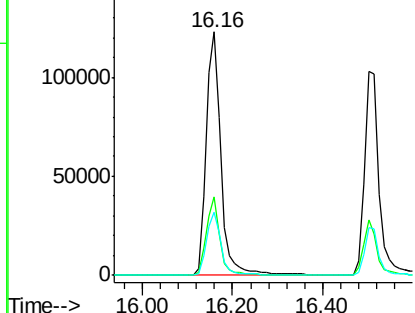
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.97 ng
RT: 16.16 min Scan# 1275
Delta R.T. -0.05 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 280901
Ion Ratio Lower Upper
276 100
138 29.7 23.0 34.4
277 25.5 20.2 30.4

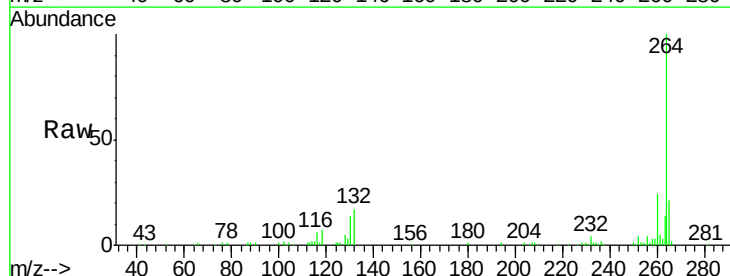


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

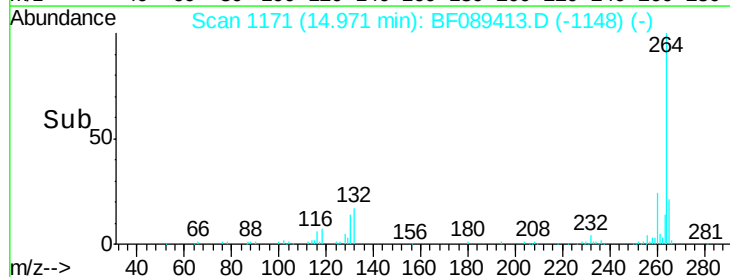
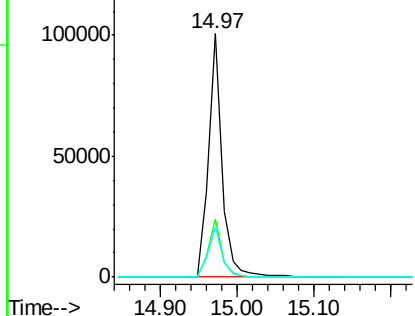


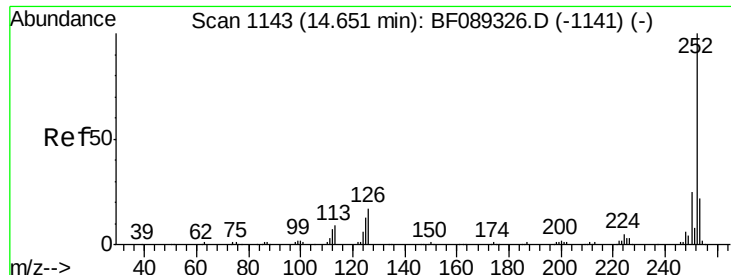
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.03 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

Tgt Ion:264 Resp: 122969
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.4
265 20.8 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

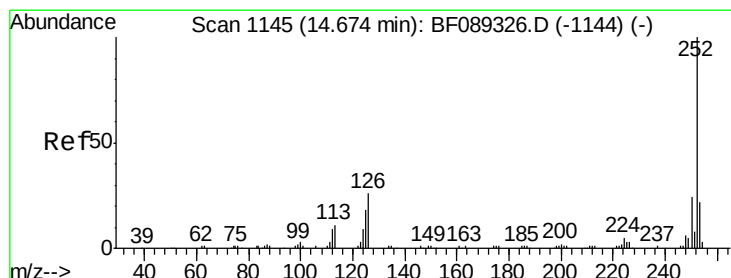
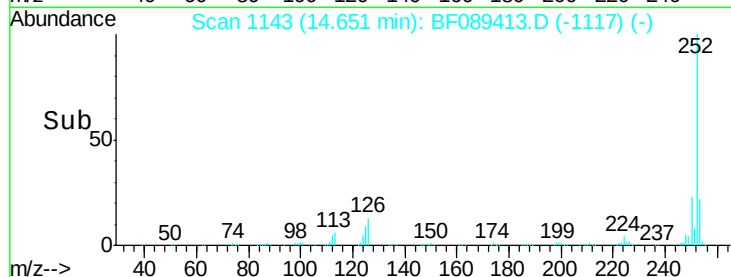
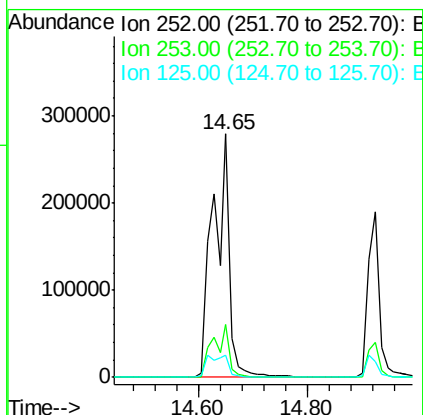
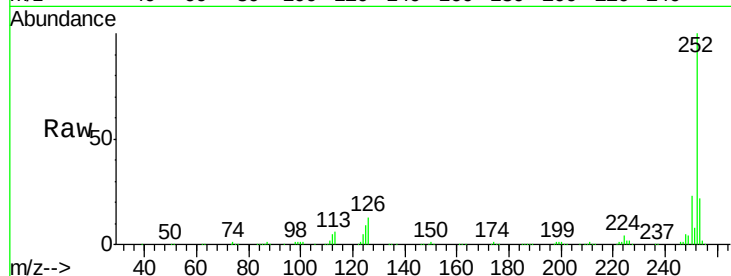




#87
Benzo(b)fluoranthene
Concen: 77.80 ng
RT: 14.65 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

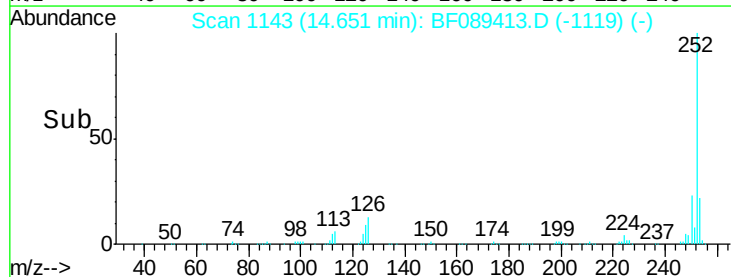
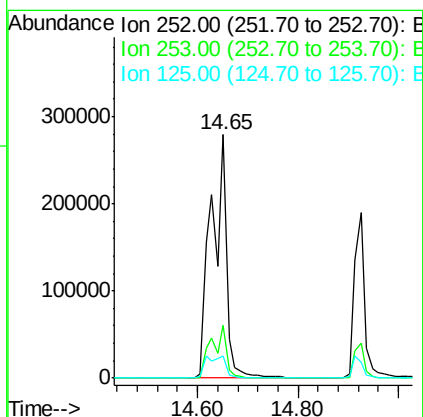
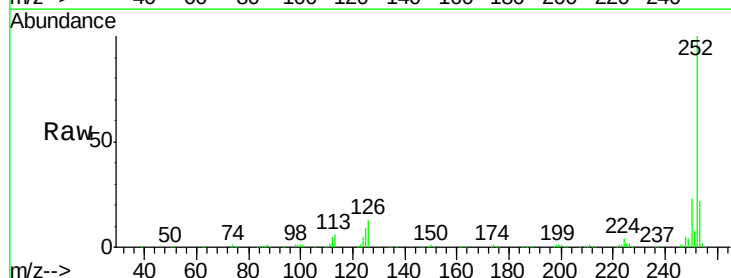
Instrument :
BNA_F
ClientSampleId :

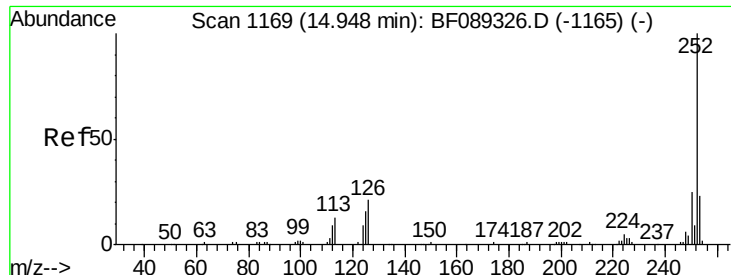
Tot Ion:252 Resp: 594101
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 9.1 9.7 14.5#



#88
Benzo(k)fluoranthene
Concen: 84.71 ng
RT: 14.65 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

Tgt Ion:252 Resp: 594747
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 9.1 10.7 16.1#

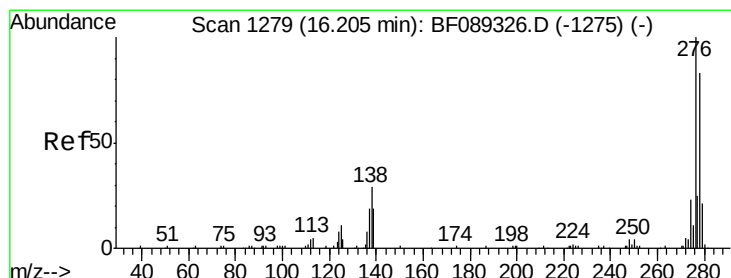
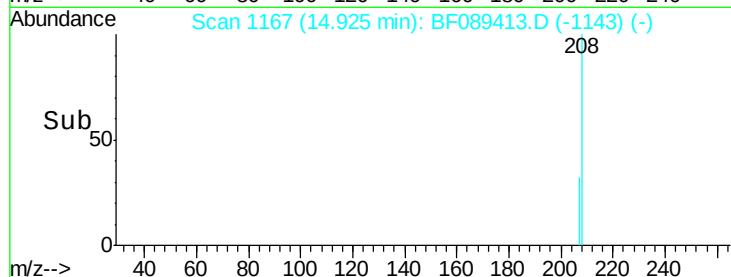
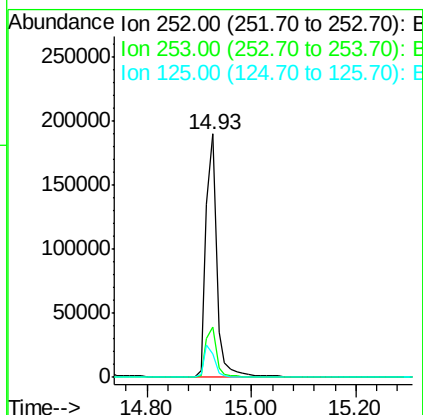
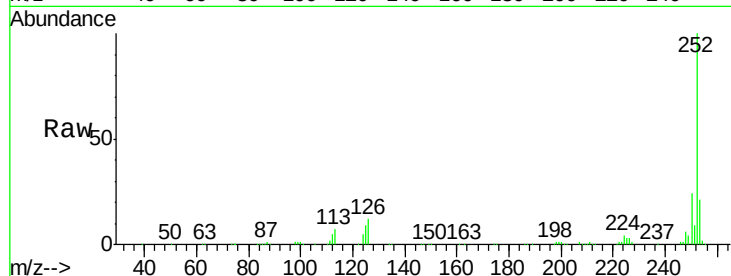




#89
Benzo(a)pyrene
Concen: 39.55 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

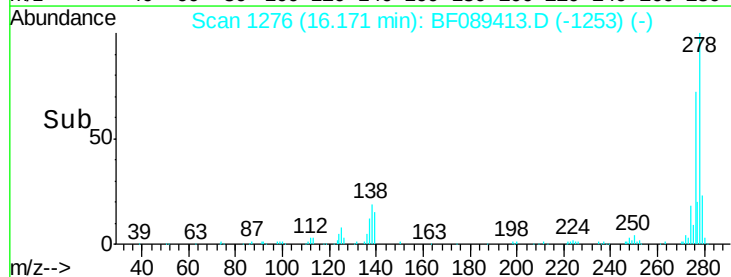
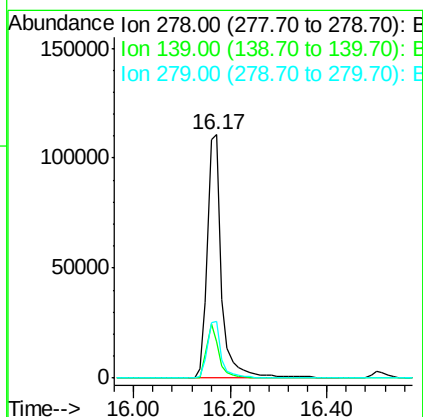
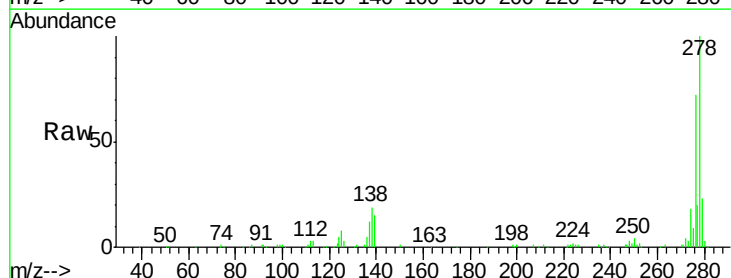
Instrument :
BNA_F
ClientSampleId :

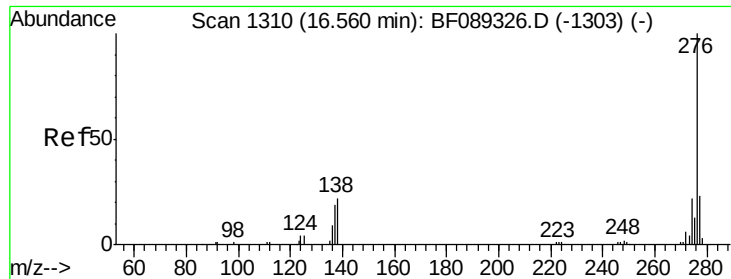
Tot Ion:252 Resp: 270960
Ion Ratio Lower Upper
252 100
253 20.9 17.4 26.2
125 9.4 12.4 18.6#



#90
Dibenzo(a,h)anthracene
Concen: 42.83 ng
RT: 16.17 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BF089413.D
Acq: 29 Jul 2016 16:31

Tgt Ion:278 Resp: 231107
Ion Ratio Lower Upper
278 100
139 14.7 16.3 24.5#
279 23.4 19.1 28.7

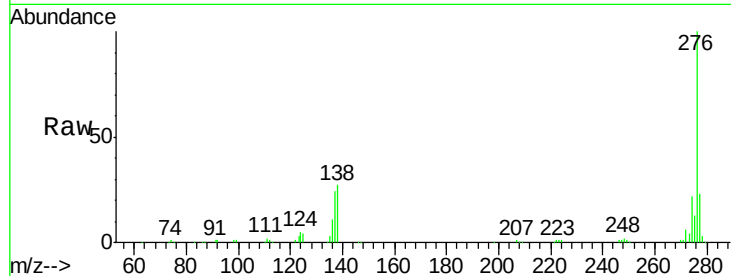




#91
 Benzo(a,h,i)perylene
 Concen: 44.60 ng
 RT: 16.50 min Scan# 1305
 Delta R.T. -0.05 min
 Lab File: BF089413.D
 Acq: 29 Jul 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	27.1	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

