

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
 Data File : BF089326.D
 Acq On : 27 Jul 2016 12:51
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 15:18:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 14:44:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	42758	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	186637	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	90515	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	167706	20.00	ng	0.00
75) Chrysene-d12	13.67	240	122199	20.00	ng	0.00
86) Perylene-d12	15.01	264	91749	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.11	112	222192	82.97	ng	0.00
7) Phenol-d6	6.20	99	296923	83.90	ng	0.00
23) Nitrobenzene-d5	7.12	82	265984	84.12	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	62319	83.13	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	514065	83.35	ng	0.00
78) Terphenyl-d14	12.63	244	402039	77.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.95	88	46977	33.99	ng	100
3) Pyridine	2.56	79	112721	43.02	ng	98
4) n-Nitrosodimethylamine	2.54	42	41125	43.53	ng	96
6) Aniline	6.20	93	163694	42.84	ng	98
8) 2-Chlorophenol	6.33	128	132067	43.60	ng	99
9) Benzaldehyde	6.09	77	70940	41.05	ng	99
10) Phenol	6.22	94	171095	43.81	ng	96
11) bis(2-Chloroethyl)ether	6.30	93	133599	40.27	ng	99
12) 1,3-Dichlorobenzene	6.48	146	133899	42.26	ng	98
13) 1,4-Dichlorobenzene	6.56	146	148311	42.42	ng	99
14) 1,2-Dichlorobenzene	6.72	146	127267	38.85	ng	98
15) Benzyl Alcohol	6.71	79	91125	41.49	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.83	45	152847	42.23	ng	99
17) 2-Methylphenol	6.82	107	95519	40.80	ng	98
18) Hexachloroethane	7.05	117	55028	41.05	ng	99
19) n-Nitroso-di-n-propylamine	6.98	70	91330	42.80	ng	99
20) 3+4-Methylphenols	6.98	107	127470	42.40	ng	97
22) Acetophenone	6.97	105	191297	43.05	ng	99
24) Nitrobenzene	7.14	77	145050	40.31	ng	98
25) Isophorone	7.38	82	262459	41.21	ng	100
26) 2-Nitrophenol	7.46	139	64663	40.19	ng	98
27) 2,4-Dimethylphenol	7.51	122	105310	41.09	ng	99
28) bis(2-Chloroethoxy)methane	7.60	93	149567	42.42	ng	100
29) 2,4-Dichlorophenol	7.70	162	100637	43.09	ng	100
30) 1,2,4-Trichlorobenzene	7.78	180	109551	41.11	ng	99
31) Naphthalene	7.85	128	363474	39.33	ng	100
32) Benzoic acid	7.67	122	73385	41.09	ng	95
33) 4-Chloroaniline	7.92	127	137191	38.99	ng	99
34) Hexachlorobutadiene	7.98	225	64935	42.55	ng	98
35) Caprolactam	8.30	113	29143	41.34	ng	96
36) 4-Chloro-3-methylphenol	8.41	107	121953	43.93	ng	99
37) 2-Methylnaphthalene	8.55	142	226167	40.61	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	120356	38.00	ng	100
40) Hexachlorocyclopentadiene	8.70	237	30719	42.88	ng	99

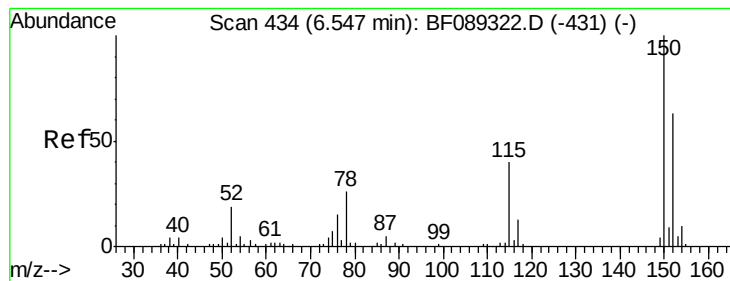
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
 Data File : BF089326.D
 Acq On : 27 Jul 2016 12:51
 Operator : UM/SJ
 Sample : SSTDICCC040
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Instrument :
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Quant Time: Jul 27 15:18:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 14:44:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	62961	41.81	nq	98
43) 2,4,5-Trichlorophenol	8.88	196	76099	39.89	nq	98
45) 1,1'-Biphenyl	9.00	154	288838	37.48	nq	99
46) 2-Chloronaphthalene	9.03	162	226792	39.18	nq	98
47) 2-Nitroaniline	9.14	65	69041	40.28	nq	99
48) Acenaphthylene	9.44	152	381063	41.80	nq	100
49) Dimethylphthalate	9.32	163	281283	40.83	nq	100
50) 2,6-Dinitrotoluene	9.38	165	61427	43.40	nq	93
51) Acenaphthene	9.61	154	219384	41.21	nq	99
52) 3-Nitroaniline	9.55	138	60876	40.76	nq	97
53) 2,4-Dinitrophenol	9.67	184	17464	37.09	nq	97
54) Dibenzofuran	9.78	168	288608	39.78	nq	99
55) 4-Nitrophenol	9.78	139	162192	165.17	nq	# 9
56) 2,4-Dinitrotoluene	9.78	165	77816	41.76	nq	97
57) Fluorene	10.12	166	258233	40.78	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	56589	44.43	nq	# 97
59) Diethylphthalate	10.01	149	264500	37.87	nq	99
60) 4-Chlorophenyl-phenylether	10.12	204	111314	38.32	nq	99
61) 4-Nitroaniline	10.16	138	63478	41.23	nq	98
62) Azobenzene	10.27	77	271665	37.77	nq	99
64) 4,6-Dinitro-2-methylphenol	10.19	198	41806	44.31	nq	97
65) n-Nitrosodiphenylamine	10.24	169	206170	39.40	nq	98
66) 4-Bromophenyl-phenylether	10.60	248	68976	43.08	nq	94
67) Hexachlorobenzene	10.66	284	63905	38.95	nq	96
68) Atrazine	10.78	200	70479	43.84	nq	98
69) Pentachlorophenol	10.87	266	27498	40.23	nq	96
70) Phenanthrene	11.07	178	363093	41.98	nq	100
71) Anthracene	11.12	178	371270	38.61	nq	100
72) Carbazole	11.29	167	322198	39.80	nq	99
73) Di-n-butylphthalate	11.62	149	421719	38.83	nq	100
74) Fluoranthene	12.25	202	389446	42.80	nq	99
76) Benzidine	12.39	184	180851	40.05	nq	98
77) Pyrene	12.48	202	362922	39.19	nq	99
79) Butylbenzylphthalate	13.11	149	183947	43.69	nq	100
80) Benzo(a)anthracene	13.66	228	276121	40.04	nq	99
81) 3,3'-Dichlorobenzidine	13.63	252	100375	40.45	nq	98
82) Chrysene	13.69	228	278038	37.88	nq	99
83) Bis(2-ethylhexyl)phthalate	13.67	149	242828	39.89	nq	99
84) Di-n-octyl phthalate	14.27	149	374619	39.44	nq	100
85) Indeno(1,2,3-cd)pyrene	16.21	276	197292	37.80	nq	99
87) Benzo(b)fluoranthene	14.67	252	449480	78.89	nq	98
88) Benzo(k)fluoranthene	14.67	252	449480	86.07	nq	99
89) Benzo(a)pyrene	14.95	252	207719	40.64	nq	98
90) Dibenzo(a,h)anthracene	16.21	278	162565	40.37	nq	97
91) Benzo(g,h,i)perylene	16.56	276	162812	41.14	nq	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

Instrument :

BNA_F

ClientSampleId :

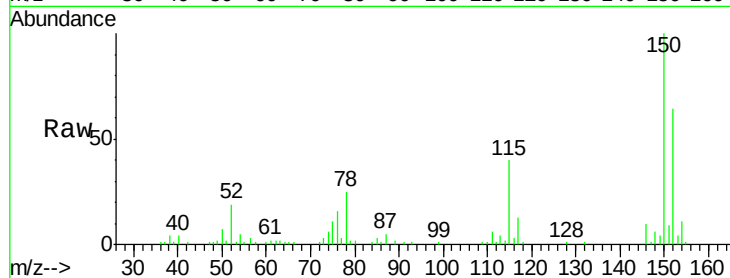
Tot Ion:152 Resp: 42758

Ion Ratio Lower Upper

152 100

150 157.2 129.5 194.3

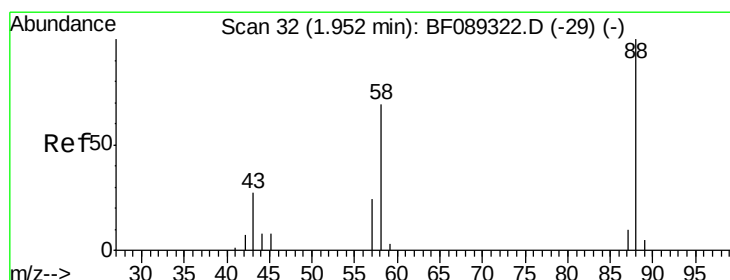
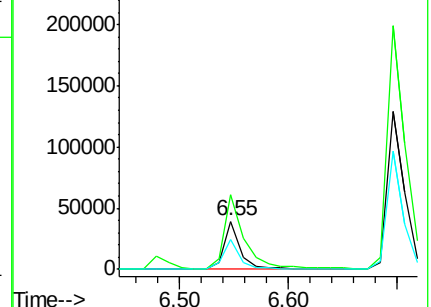
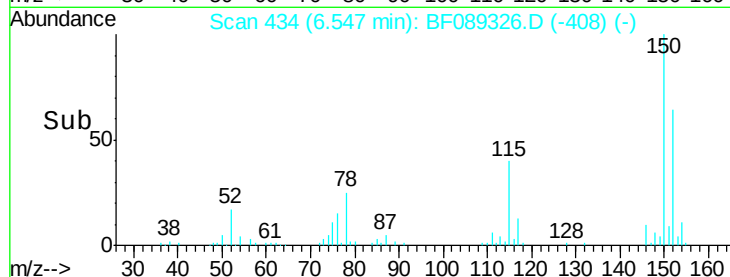
115 63.2 51.4 77.2



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: 33.99 ng

RT: 1.95 min Scan# 32

Delta R.T. 0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

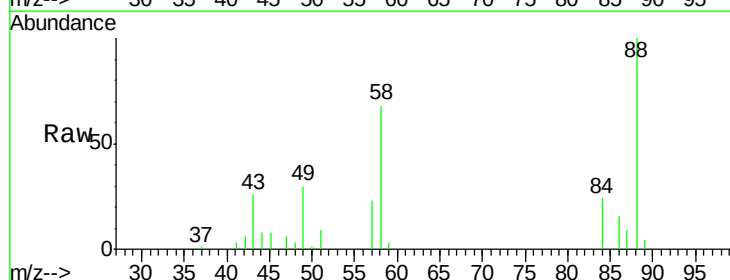
Tgt Ion: 88 Resp: 46977

Ion Ratio Lower Upper

88 100

58 66.1 53.2 79.8

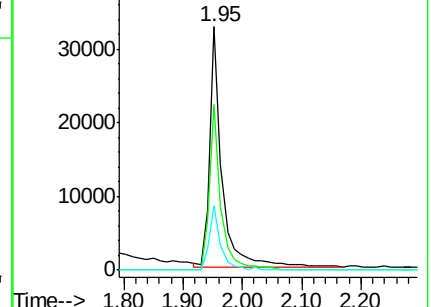
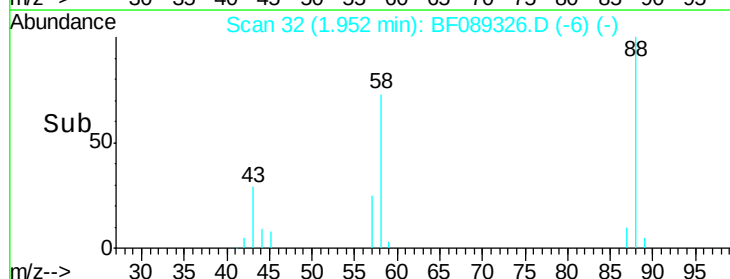
43 25.8 20.6 31.0

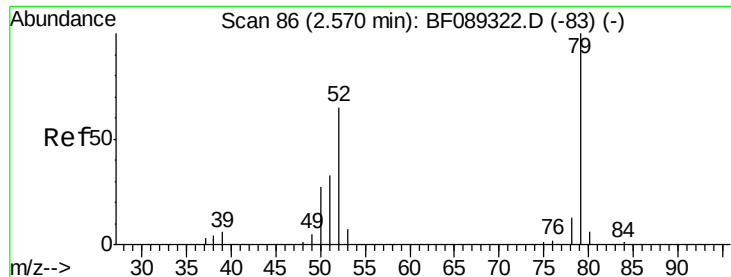


Abundance Ion 88.00 (87.70 to 88.70): BF0

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: 2.56 min Scan# 85

Delta R.T. -0.01 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

Instrument :
BNA_F
ClientSampled :

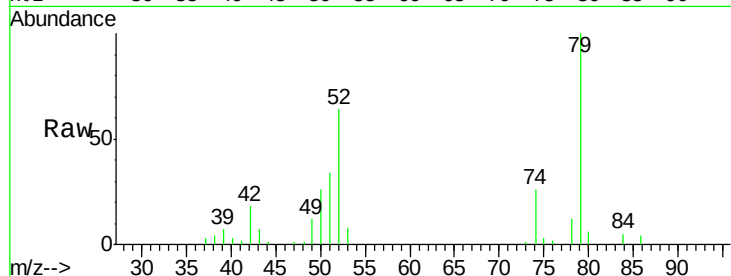
Tot Ion: 79 Resp: 112721

Ion Ratio Lower Upper

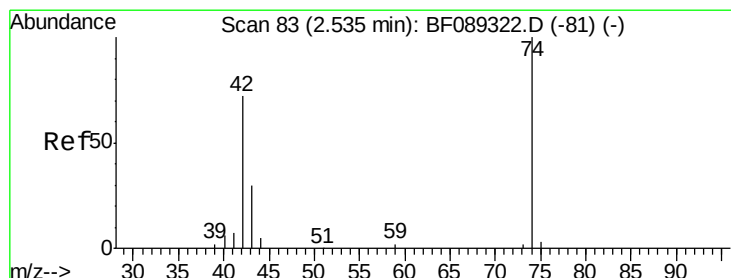
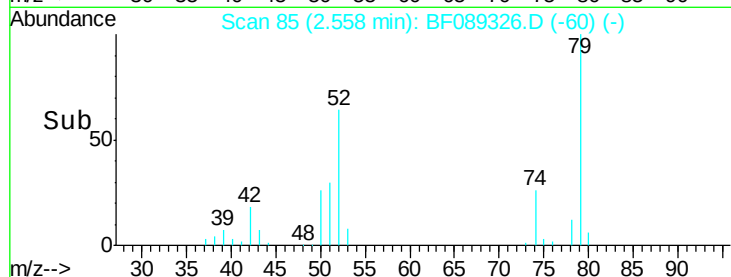
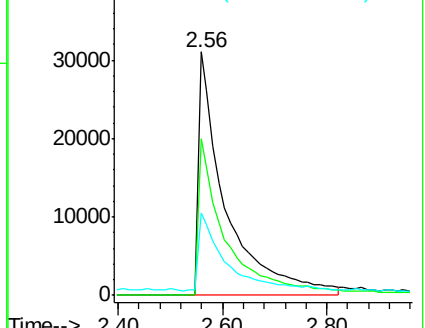
79 100

52 64.2 51.9 77.9

51 33.8 28.2 42.4



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 43.53 ng

RT: 2.54 min Scan# 83

Delta R.T. 0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

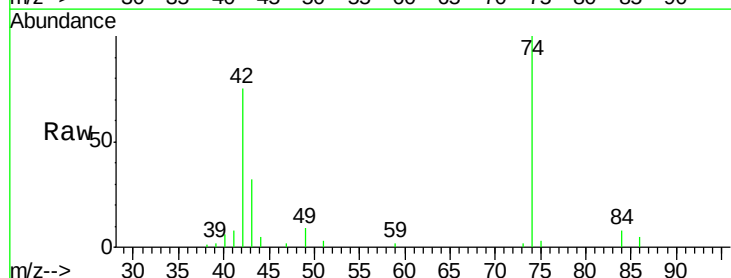
Tgt Ion: 42 Resp: 41125

Ion Ratio Lower Upper

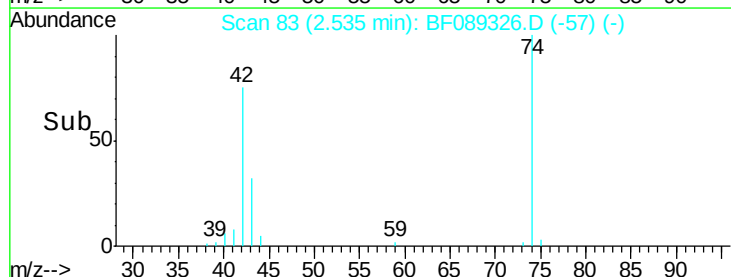
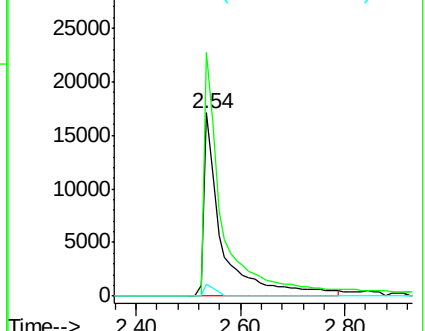
42 100

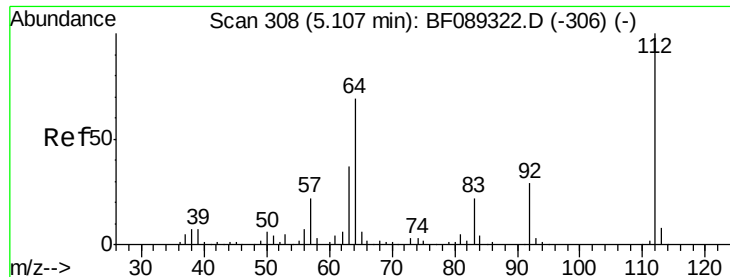
74 132.9 110.8 166.2

44 6.5 5.2 7.8



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 82.97 ng

RT: 5.11 min Scan# 308

Delta R.T. 0.00 min

Lab File: BF089326.D

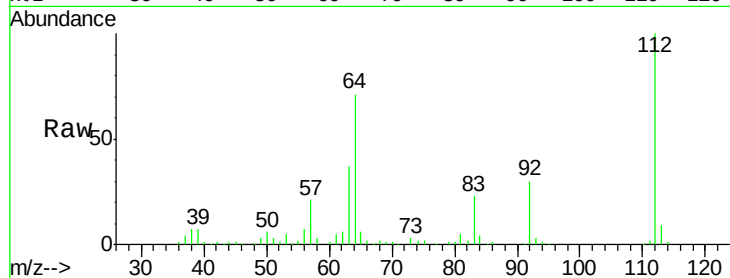
Acq: 27 Jul 2016 12:51

Instrument :

BNA_F

ClientSampled :

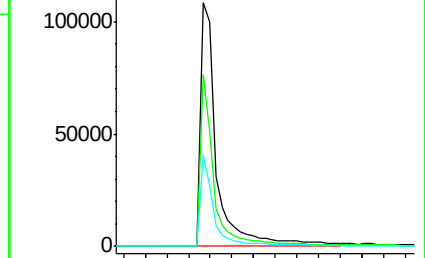
Tot Ion:	112	Resp:	222192
Ion	Ratio	Lower	Upper
112	100		
64	70.8	55.0	82.6
63	37.3	29.4	44.2



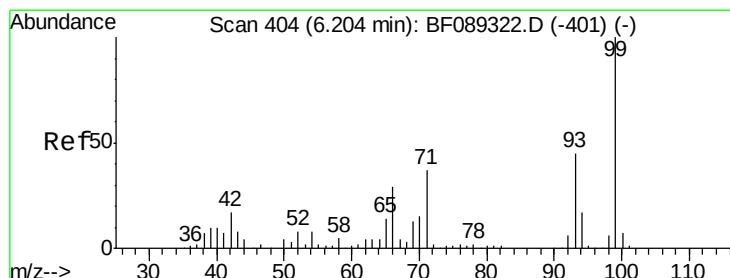
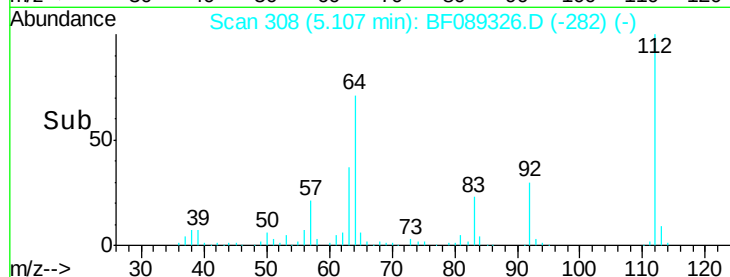
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#6

Aniline

Concen: 42.84 ng

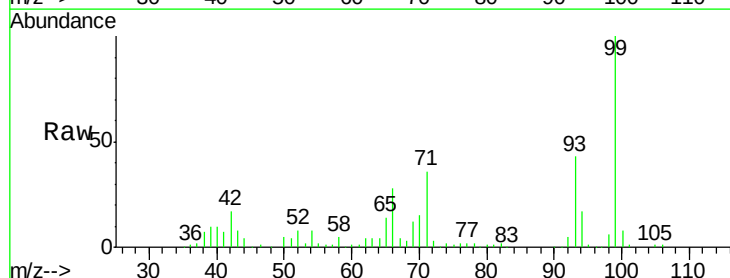
RT: 6.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

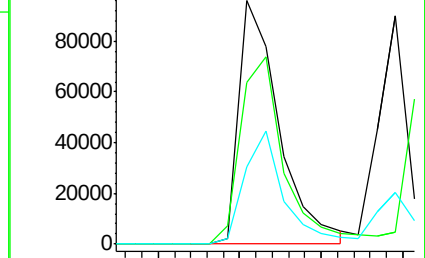
Tgt Ion:	93	Resp:	163694
Ion	Ratio	Lower	Upper
93	100		
66	66.3	51.6	77.4
65	32.0	24.7	37.1



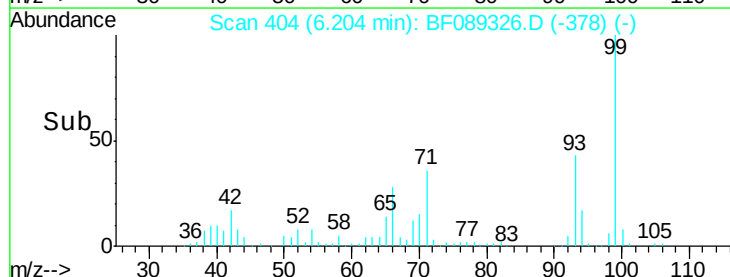
Abundance Ion 93.00 (92.70 to 93.70): BF0

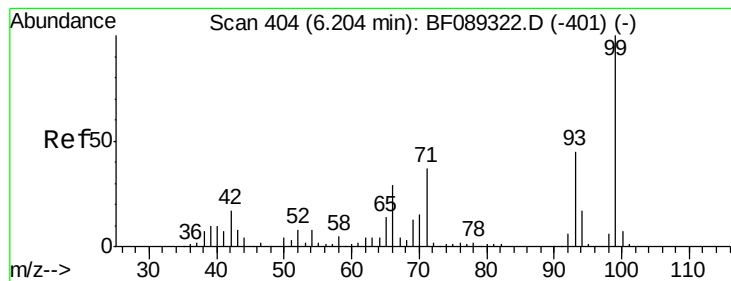
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time-->





#7

Phenol-d6

Concen: 83.90 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

Instrument :

BNA_F

ClientSampleId :

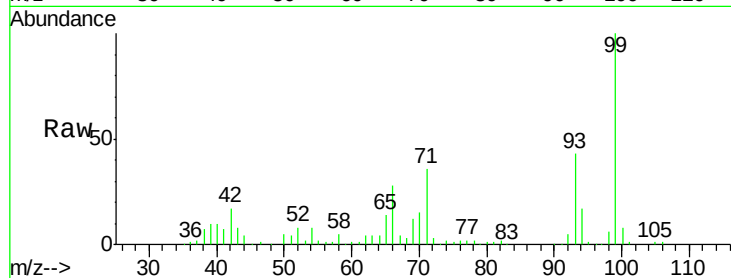
Tot Ion: 99 Resp: 296923

Ion Ratio Lower Upper

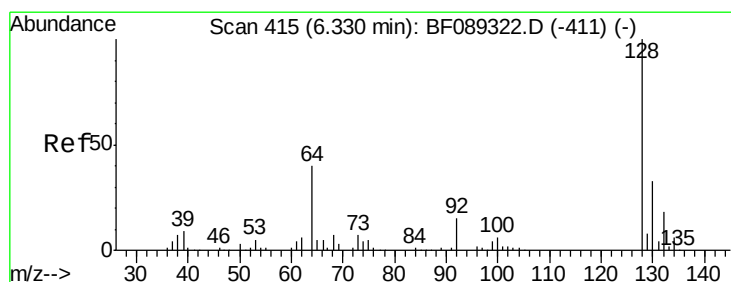
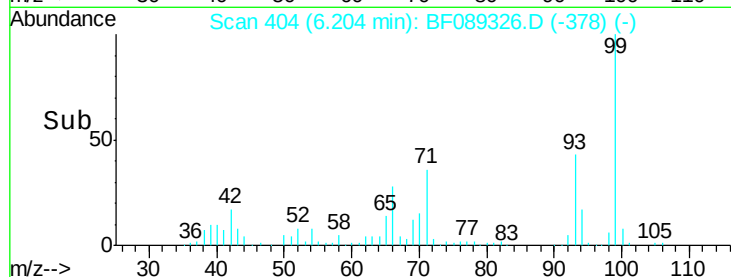
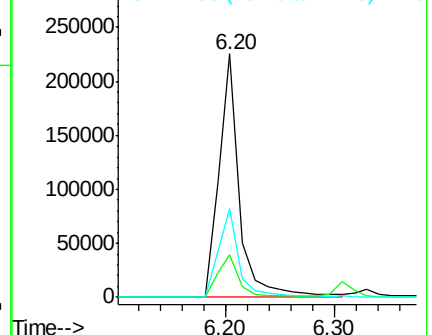
99 100

42 17.4 13.6 20.4

71 36.2 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: 43.60 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

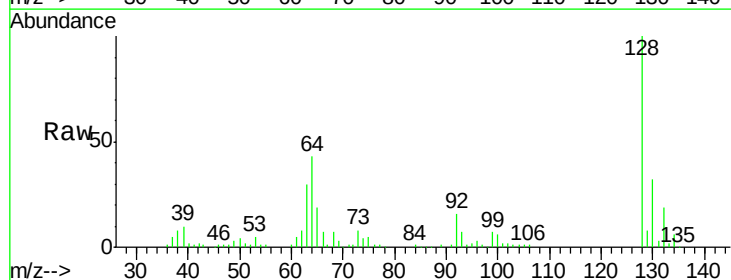
Tgt Ion: 128 Resp: 132067

Ion Ratio Lower Upper

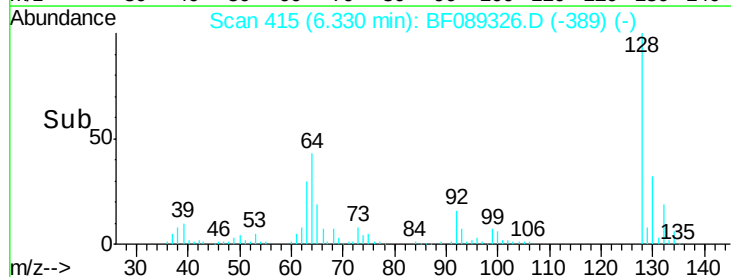
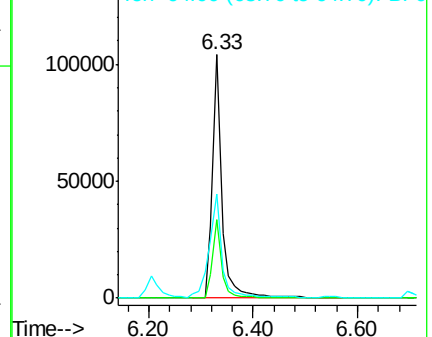
128 100

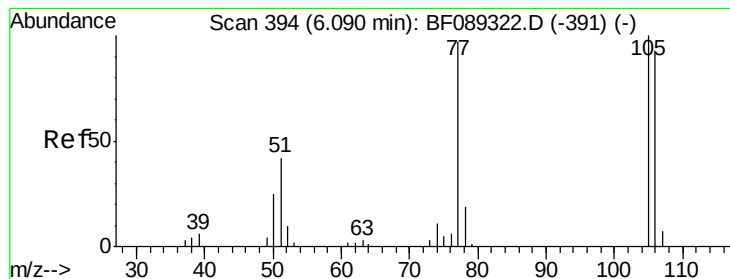
130 32.0 12.6 52.6

64 43.0 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: 41.05 ng

RT: 6.09 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

Instrument :

BNA_F

ClientSampled :

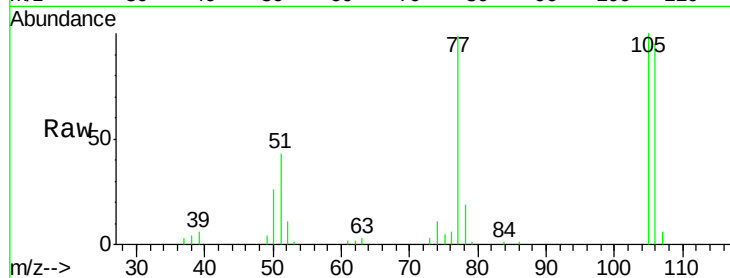
Tot Ion: 77 Resp: 70940

Ion Ratio Lower Upper

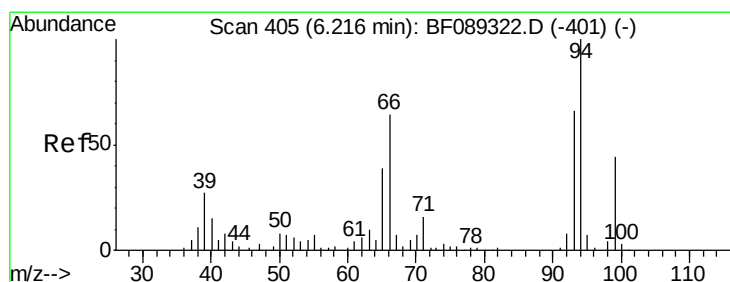
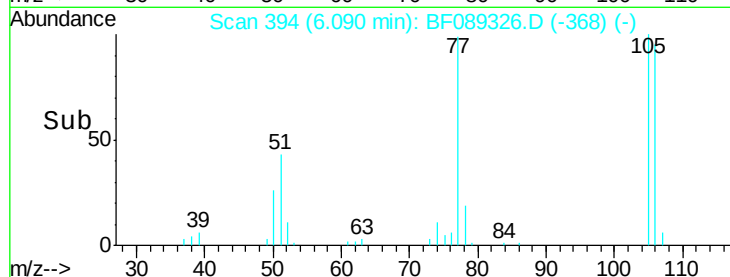
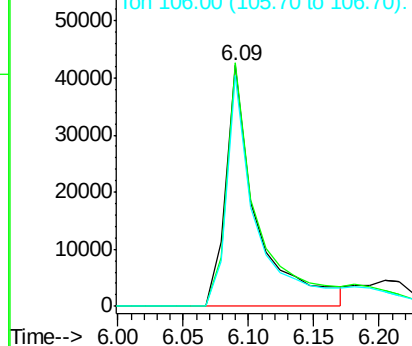
77 100

105 101.2 82.9 122.9

106 96.0 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.81 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

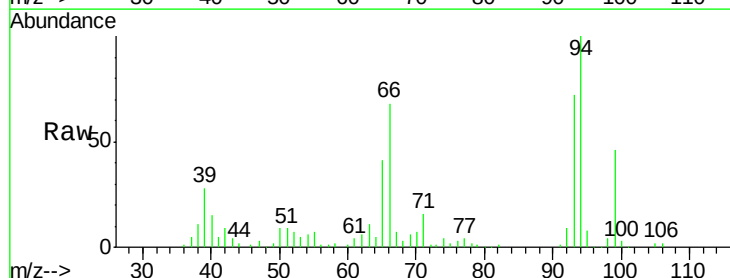
Tgt Ion: 94 Resp: 171095

Ion Ratio Lower Upper

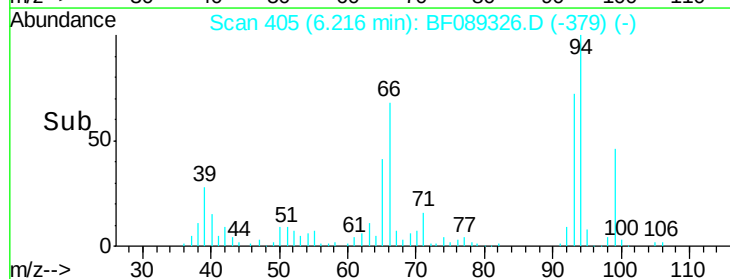
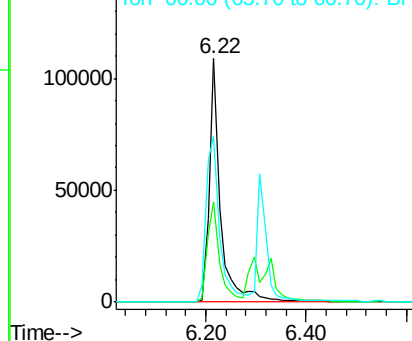
94 100

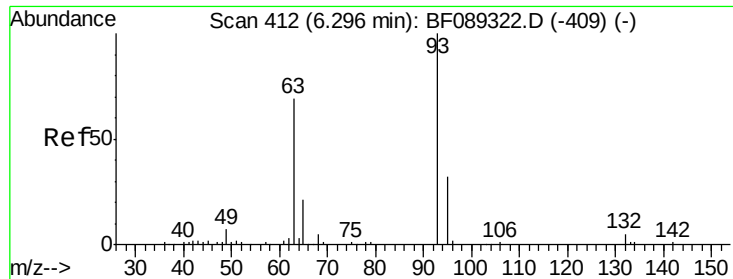
65 41.0 19.1 59.1

66 68.0 44.4 84.4



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

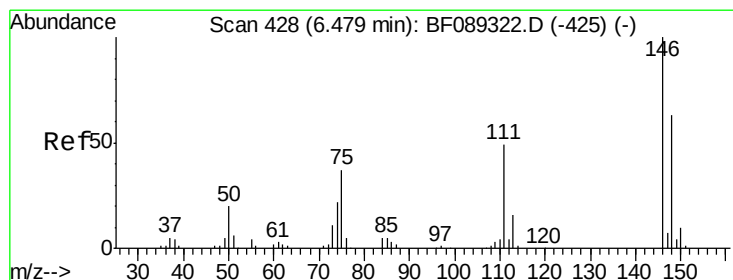
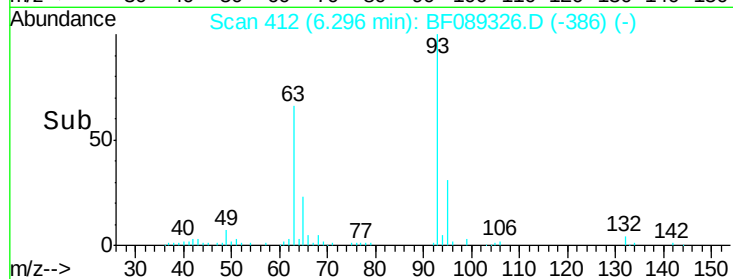
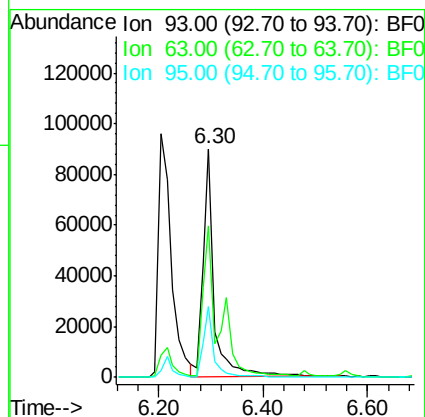
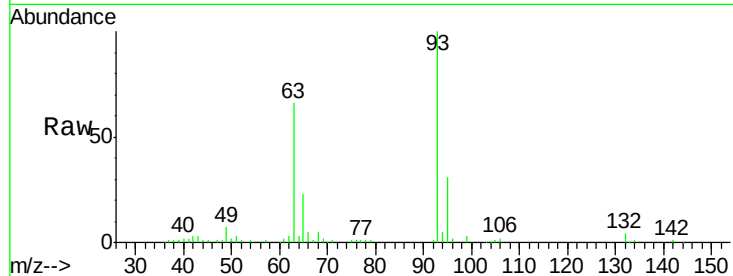




#11
bis(2-Chloroethyl)ether
Concen: 40.27 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF089326.D
Acq: 27 Jul 2016 12:51

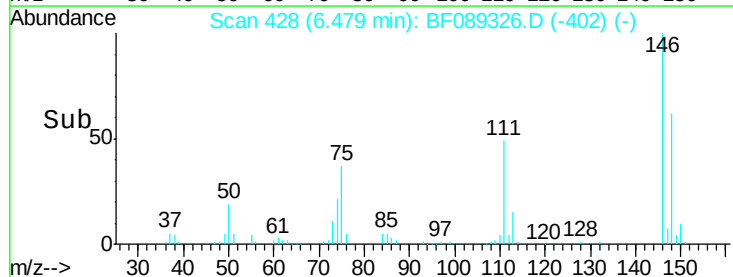
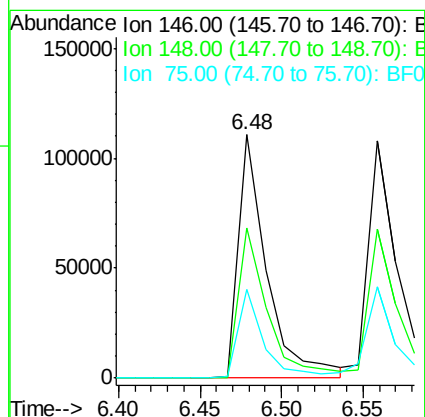
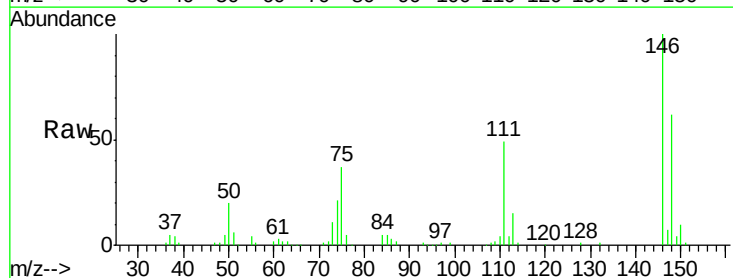
Instrument :
BNA_F
ClientSampled :

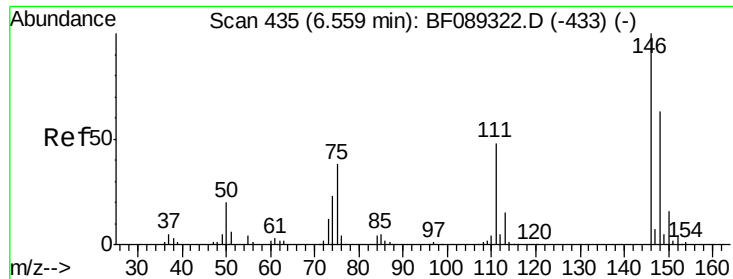
Tot Ion: 93 Resp: 133599
Ion Ratio Lower Upper
93 100
63 66.4 45.6 85.6
95 31.2 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 42.26 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF089326.D
Acq: 27 Jul 2016 12:51

Tgt Ion: 146 Resp: 133899
Ion Ratio Lower Upper
146 100
148 61.7 50.5 75.7
75 36.7 30.0 45.0

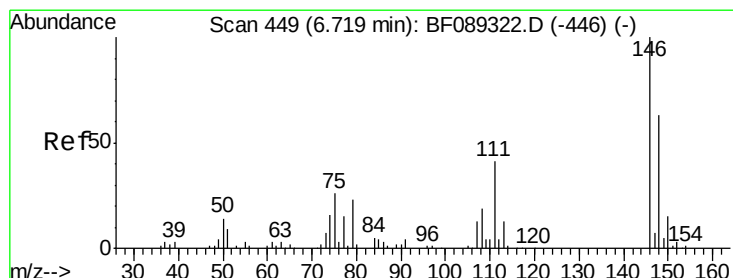
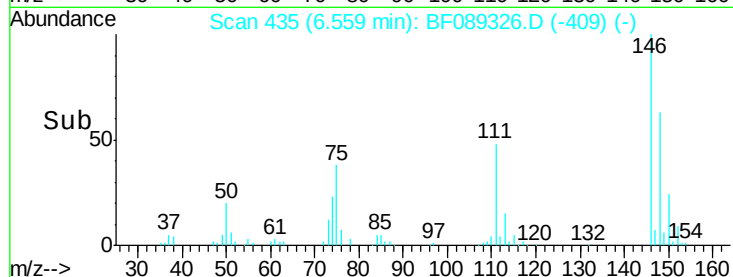
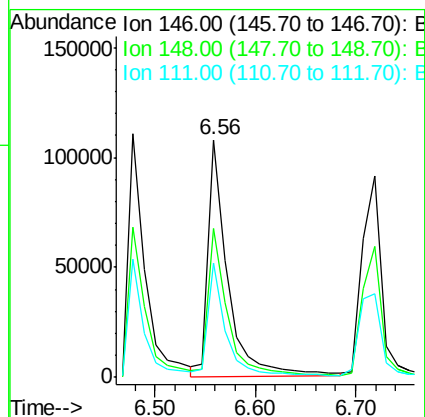
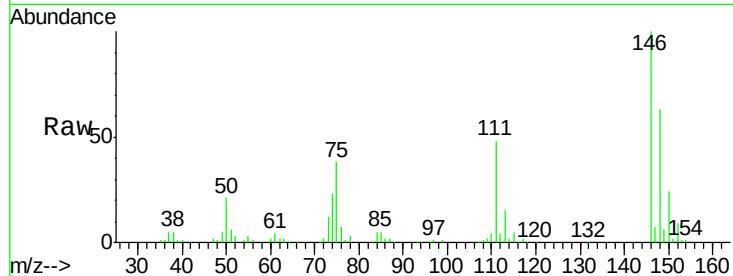




#13
 1,4-Dichlorobenzene
 Concen: 42.42 ng
 RT: 6.56 min Scan# 435
 Delta R.T. -0.00 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

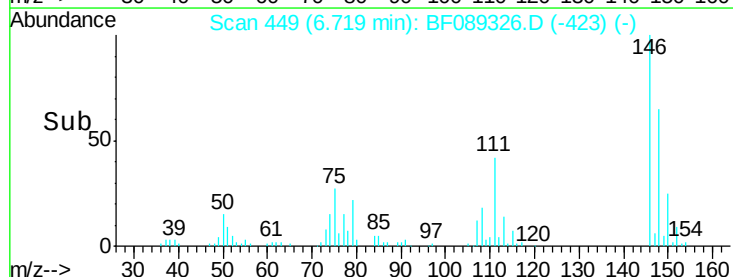
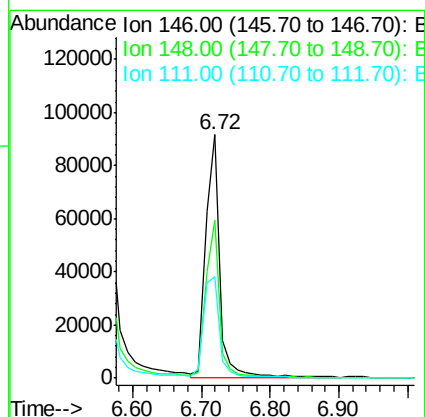
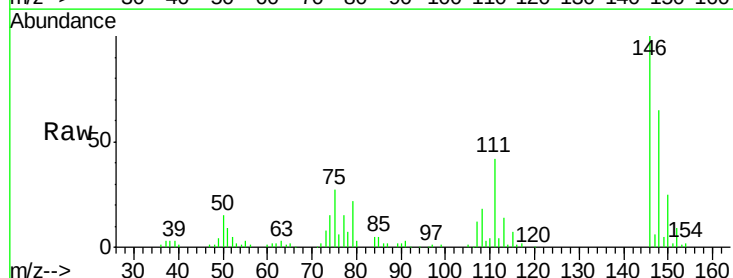
Instrument :
 BNA_F
 ClientSampled :

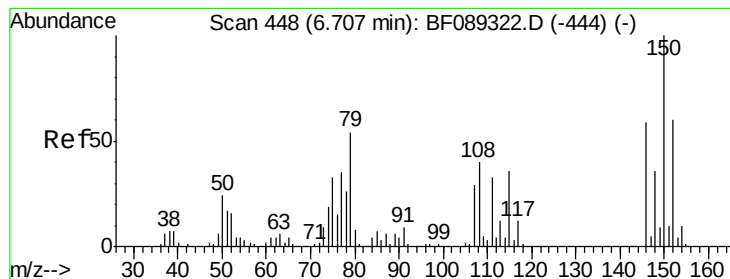
Tot Ion:146 Resp: 148311
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.8 76.2
 111 48.1 38.6 57.8



#14
 1,2-Dichlorobenzene
 Concen: 38.85 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

Tgt Ion:146 Resp: 127267
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.4 75.6
 111 41.6 33.0 49.4





#15

Benzyl Alcohol

Concen: 41.49 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

Instrument :

BNA_F

ClientSampleId :

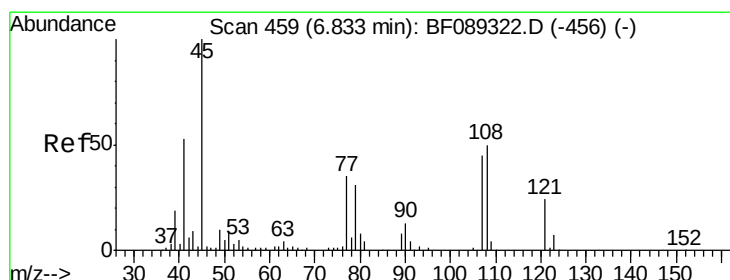
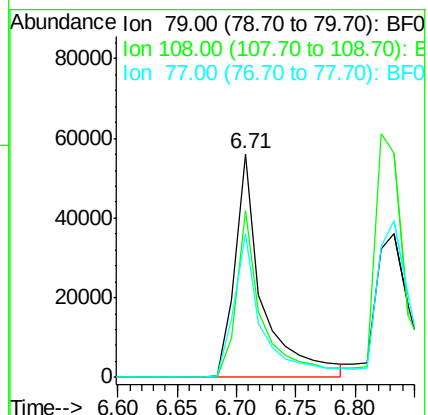
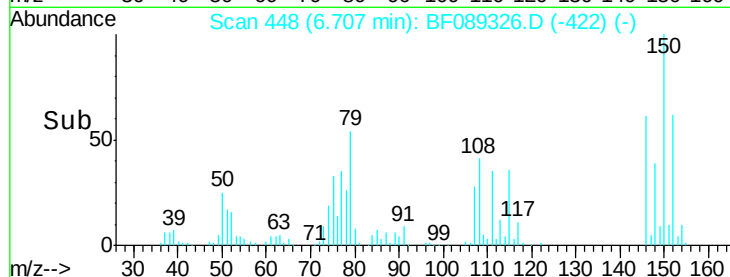
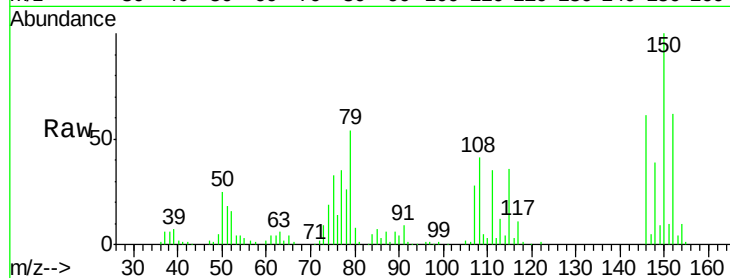
Tot Ion: 79 Resp: 91125

Ion Ratio Lower Upper

79 100

108 74.8 59.8 89.6

77 64.1 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.23 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

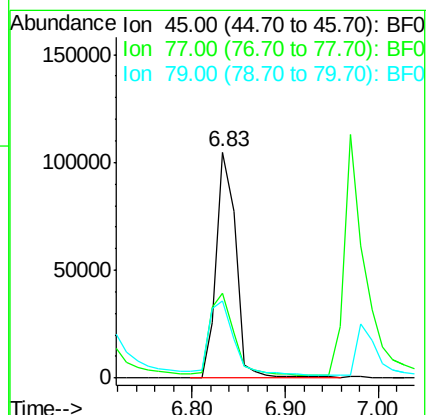
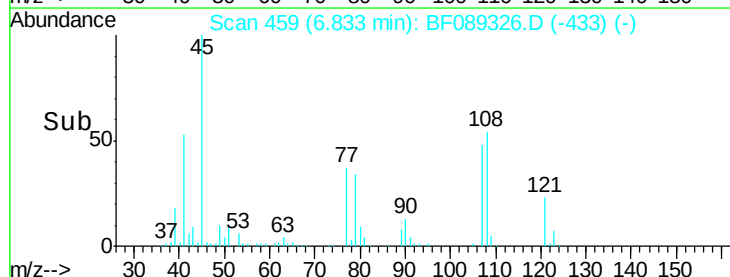
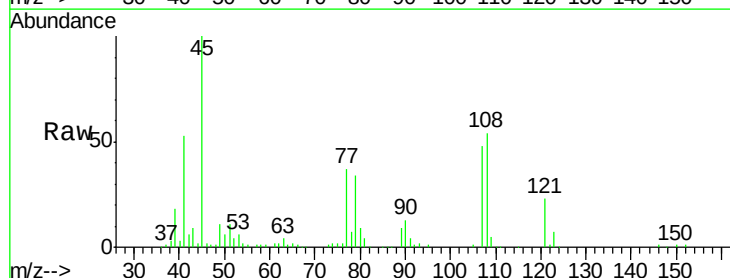
Tgt Ion: 45 Resp: 152847

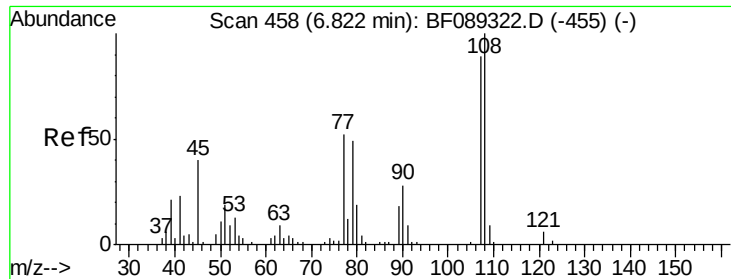
Ion Ratio Lower Upper

45 100

77 37.5 17.3 57.3

79 34.3 13.9 53.9





#17

2-Methylphenol

Concen: 40.80 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 95519

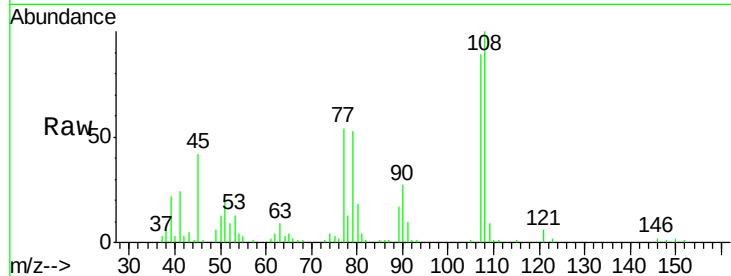
Ion Ratio Lower Upper

107 100

108 112.0 91.4 137.0

77 60.1 48.6 73.0

79 59.1 48.2 72.4

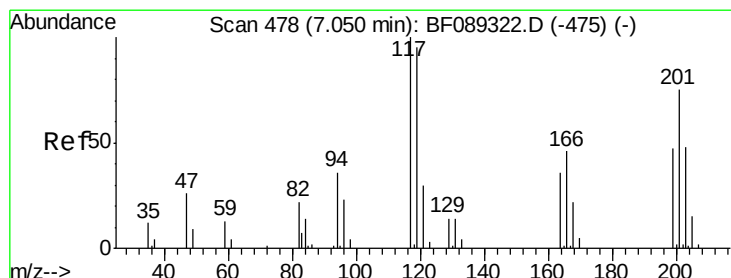
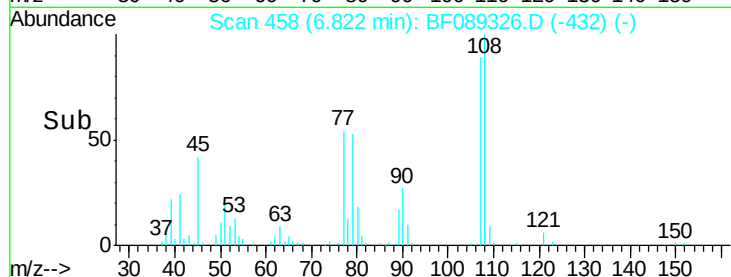
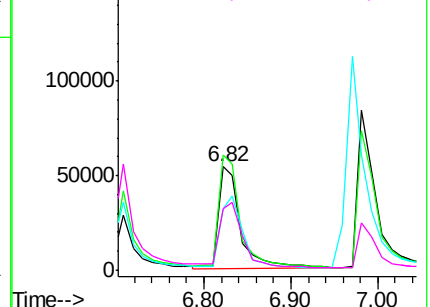


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.05 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

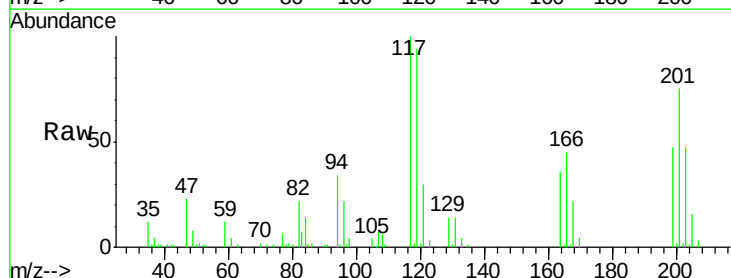
Tgt Ion:117 Resp: 55028

Ion Ratio Lower Upper

117 100

119 93.7 76.0 114.0

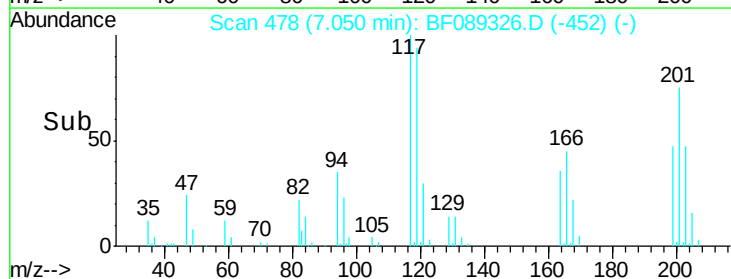
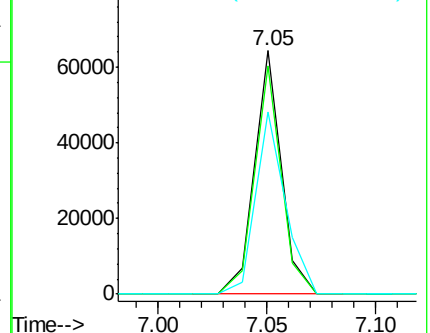
201 74.6 60.0 90.0

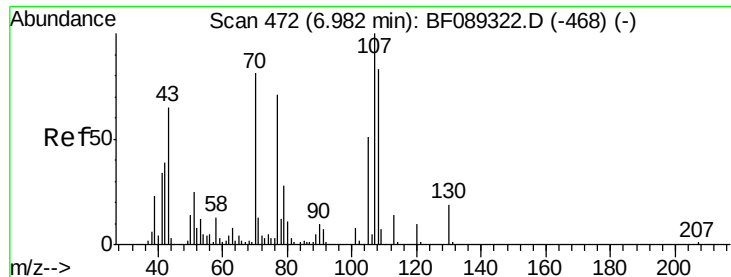


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

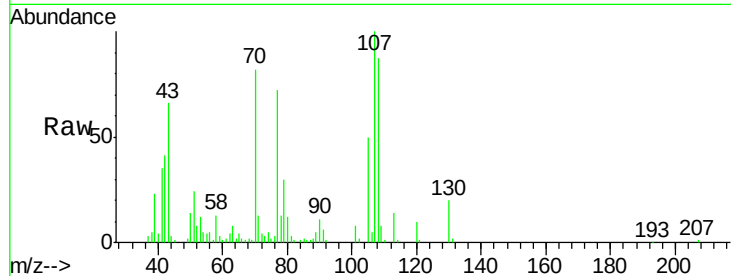




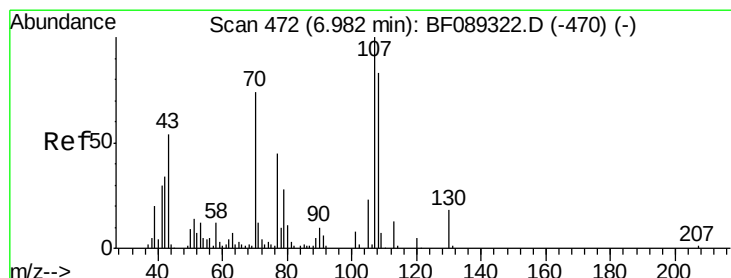
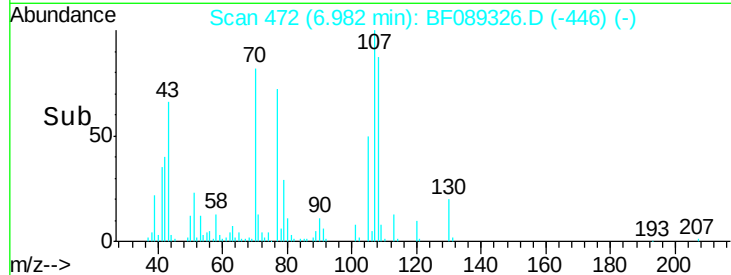
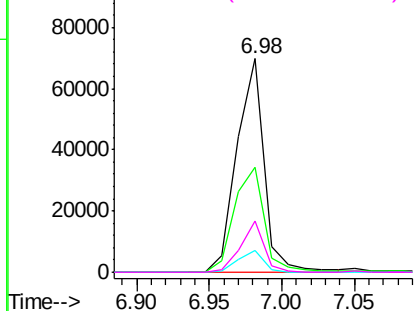
#19
n-Nitroso-di-n-propylamine
Concen: 42.80 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF089326.D
Acq: 27 Jul 2016 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	91330
Ion	Ratio	Lower	Upper
70	100		
42	49.2	38.6	57.8
101	10.3	8.3	12.5
130	24.2	19.0	28.4

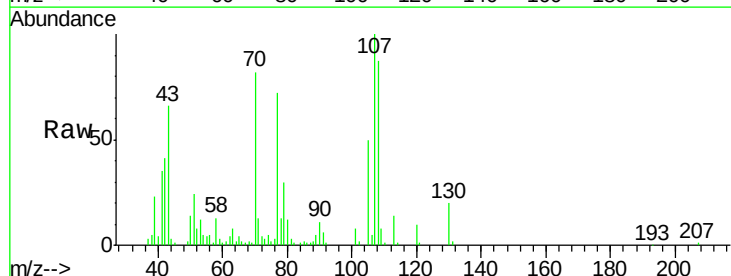


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

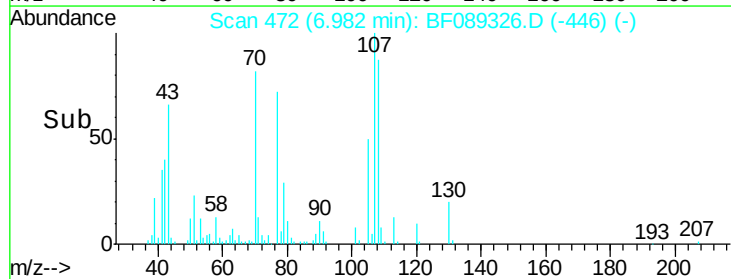
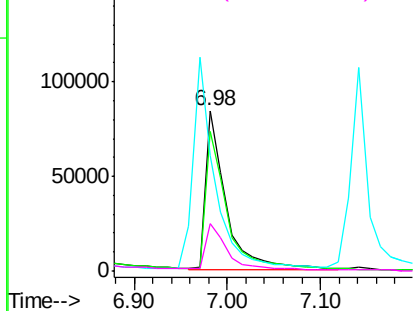


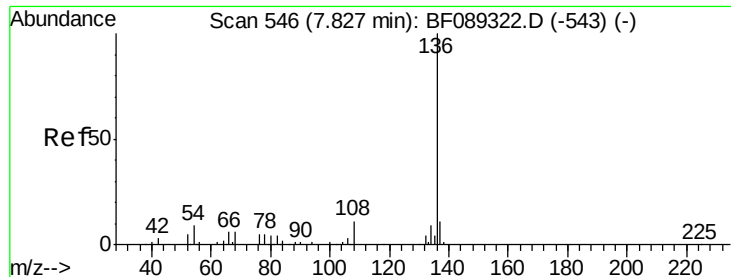
#20
3+4-Methylphenols
Concen: 42.40 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF089326.D
Acq: 27 Jul 2016 12:51

Tgt Ion:	107	Resp:	127470
Ion	Ratio	Lower	Upper
107	100		
108	87.0	63.3	103.3
77	72.2	51.1	91.1
79	29.7	9.3	49.3



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

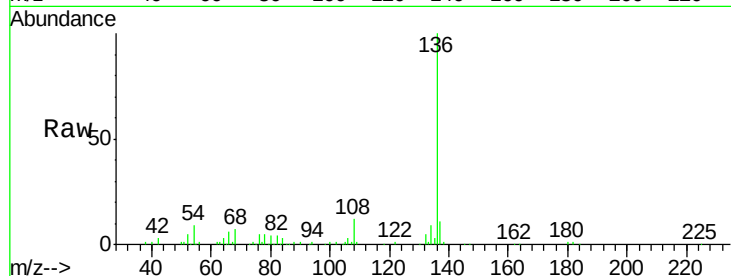




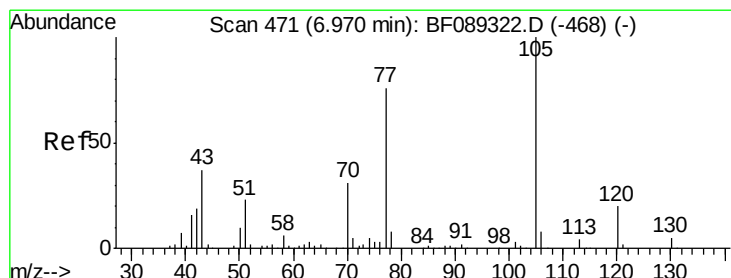
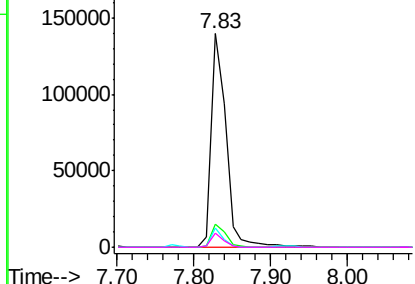
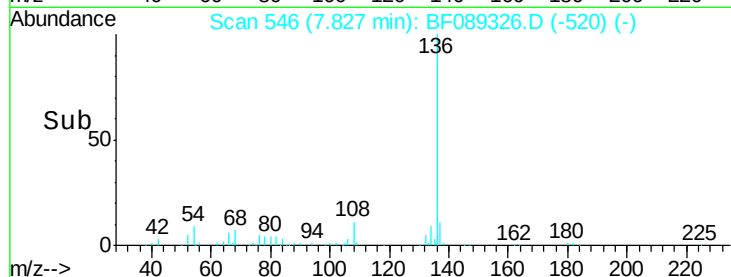
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF089326.D
Acq: 27 Jul 2016 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	186637
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.6 13.0
54	8.9	7.0 10.4
68	6.6	4.9 7.3

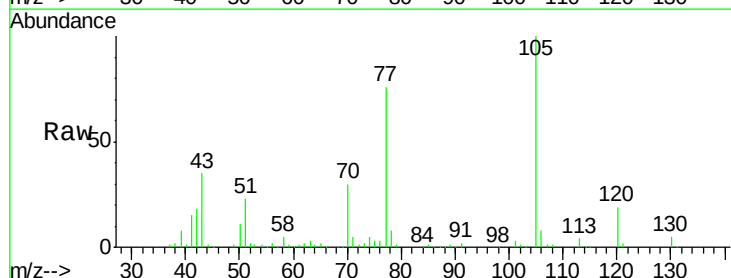


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

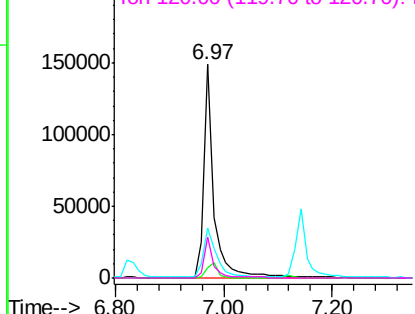
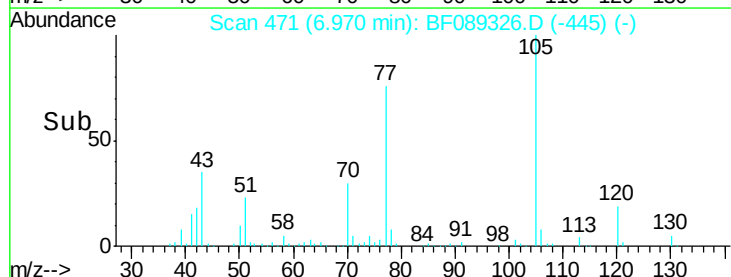


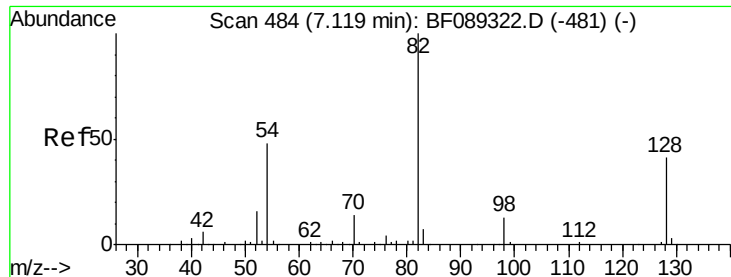
#22
Acetophenone
Concen: 43.05 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF089326.D
Acq: 27 Jul 2016 12:51

Tgt Ion:105	Resp:	191297
Ion Ratio	Lower	Upper
105	100	
71	5.0	4.2 6.2
51	23.4	18.7 28.1
120	19.1	15.8 23.6



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

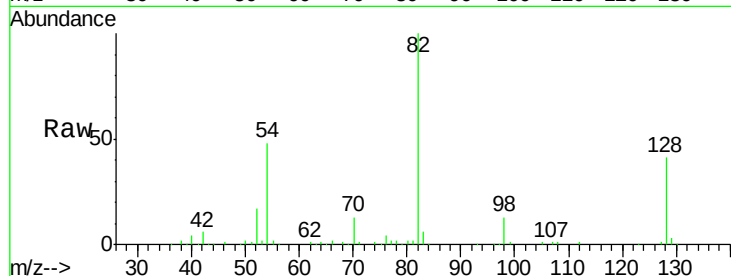




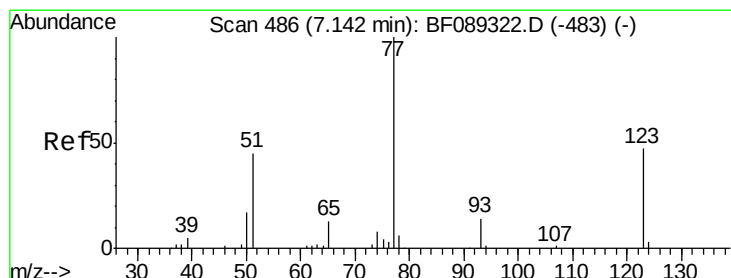
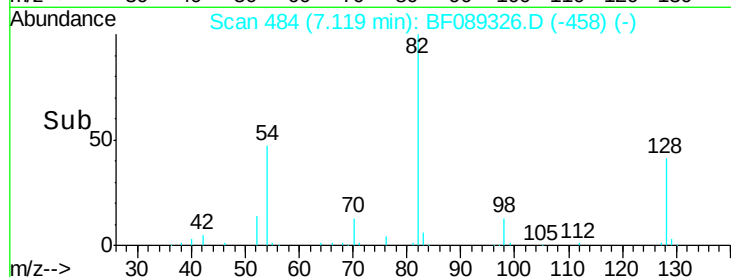
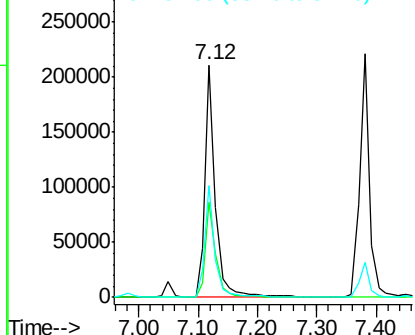
#23
Nitrobenzene-d5
Concen: 84.12 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF089326.D
Acq: 27 Jul 2016 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	265984
Ion Ratio	100	Lower	Upper
128	41.1	32.5	48.7
54	48.2	38.8	58.2

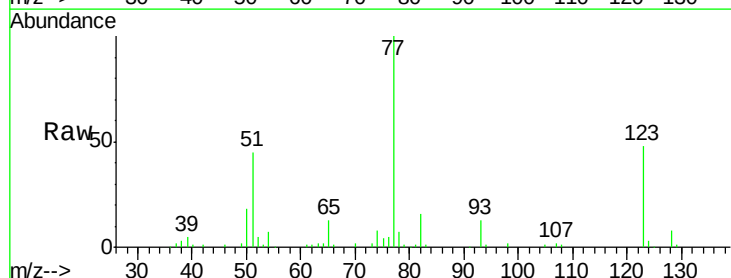


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

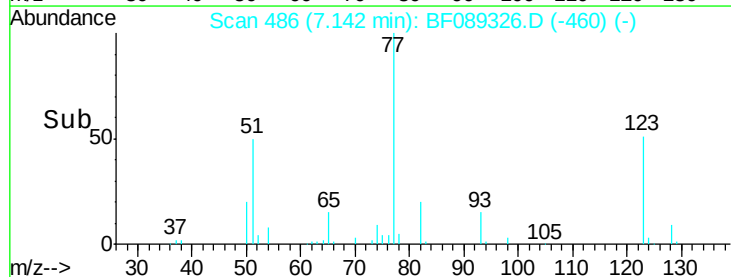
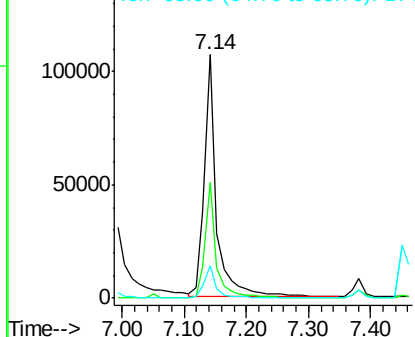


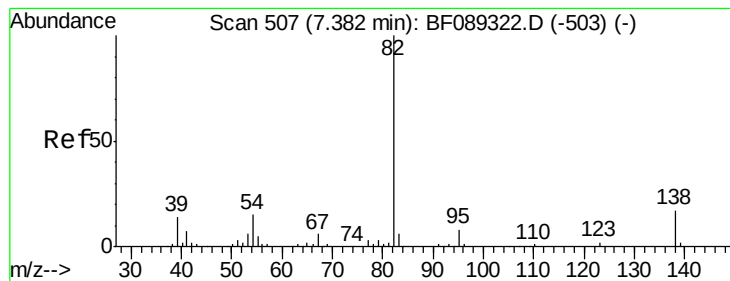
#24
Nitrobenzene
Concen: 40.31 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF089326.D
Acq: 27 Jul 2016 12:51

Tgt Ion	77	Resp	145050
Ion Ratio	100	Lower	Upper
123	47.6	37.2	55.8
65	13.1	10.2	15.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.21 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

Instrument :

BNA_F

ClientSampleId :

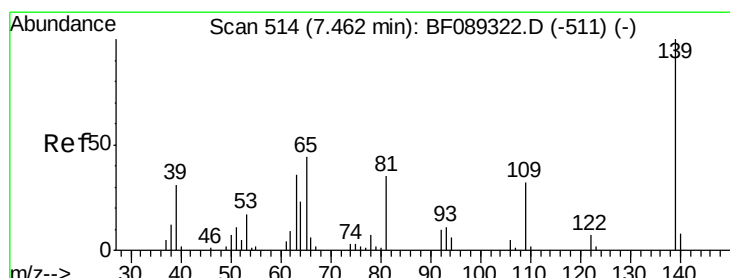
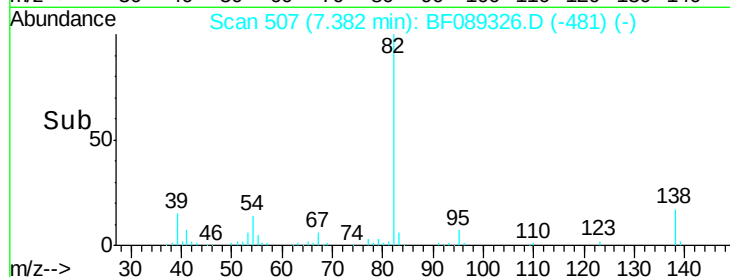
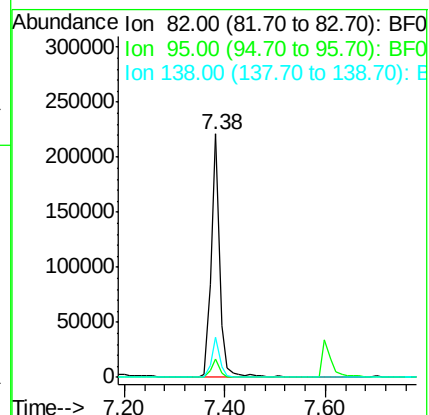
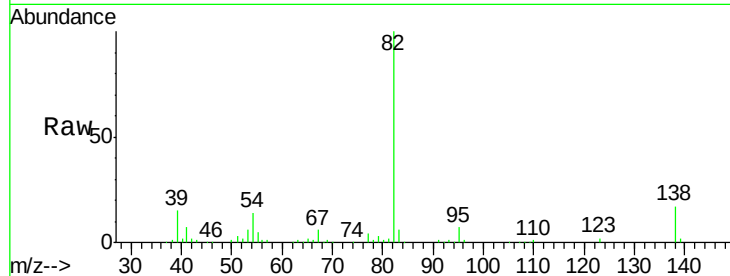
Tot Ion: 82 Resp: 262459

Ion Ratio Lower Upper

82 100

95 7.3 6.0 9.0

138 16.6 13.3 19.9



#26

2-Nitrophenol

Concen: 40.19 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

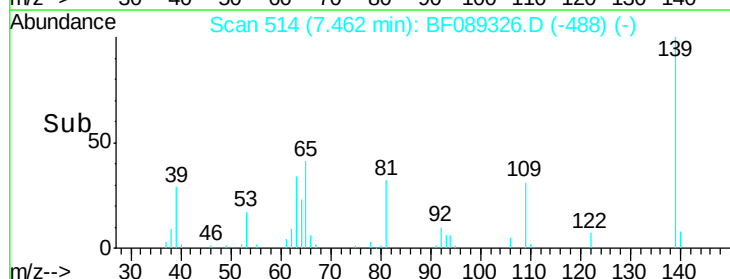
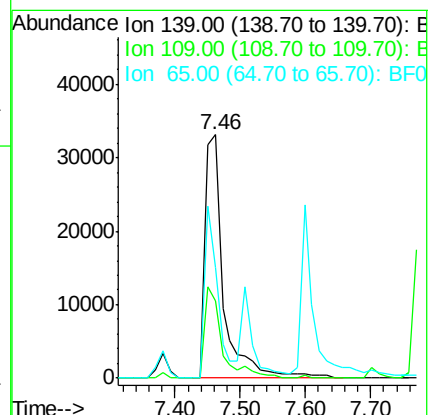
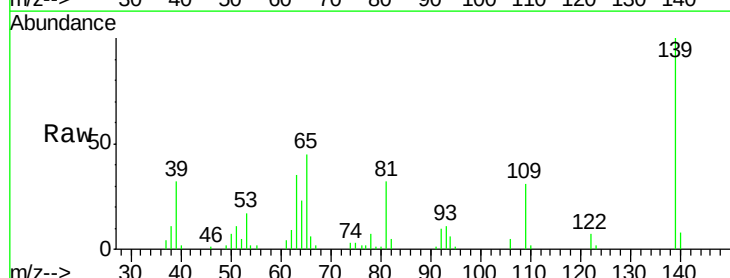
Tgt Ion: 139 Resp: 64663

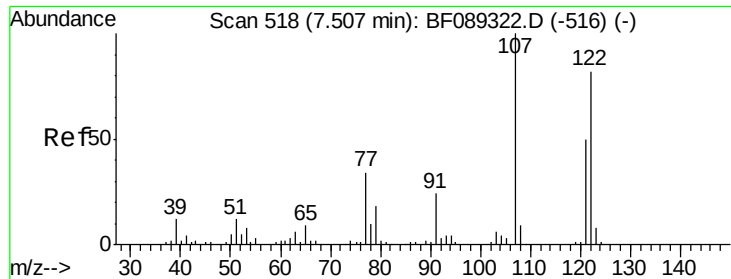
Ion Ratio Lower Upper

139 100

109 31.5 25.8 38.8

65 45.3 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 41.09 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

Instrument :

BNA_F

ClientSampled :

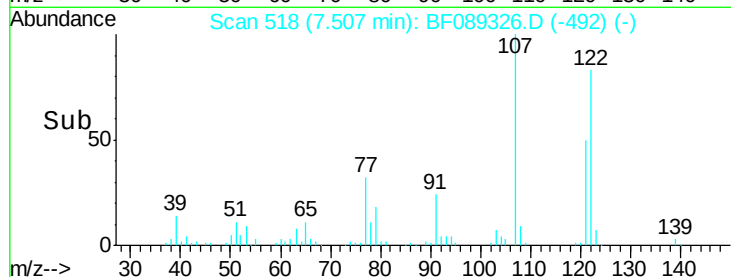
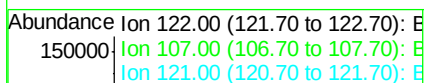
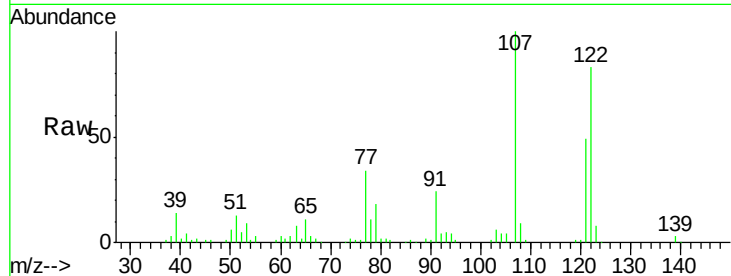
Tot Ion:122 Resp: 105310

Ion Ratio Lower Upper

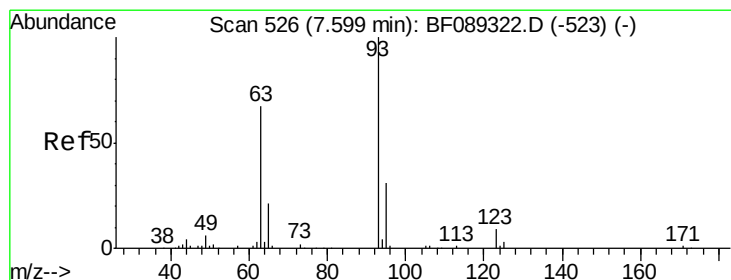
122 100

107 120.5 97.2 145.8

121 59.4 48.8 73.2



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 42.42 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

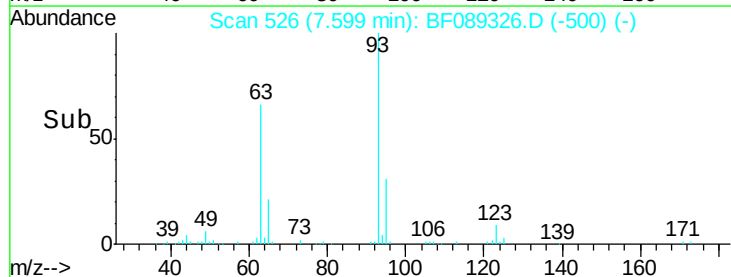
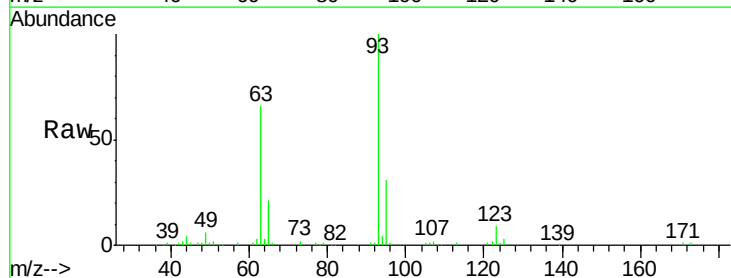
Tgt Ion: 93 Resp: 149567

Ion Ratio Lower Upper

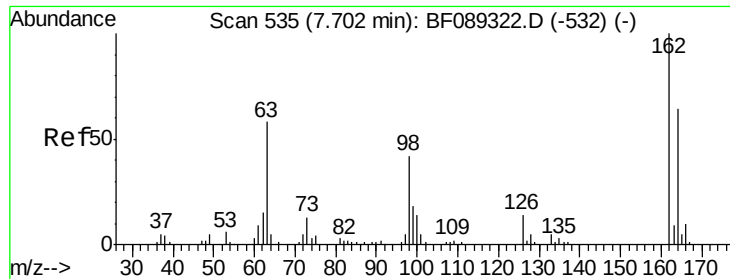
93 100

95 30.8 24.7 37.1

123 9.4 7.5 11.3



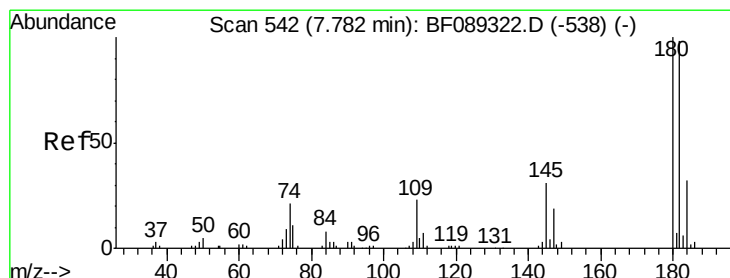
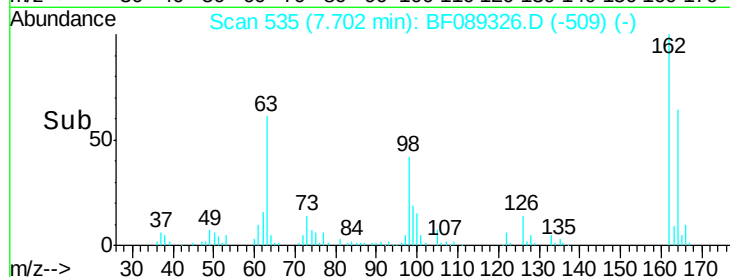
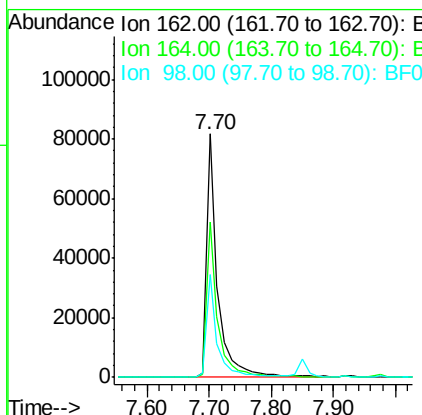
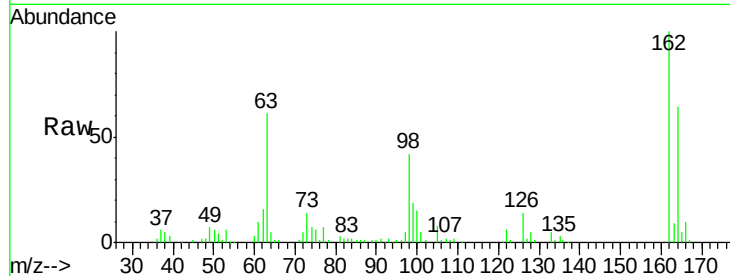
Time-->



#29
 2,4-Dichlorophenol
 Concen: 43.09 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

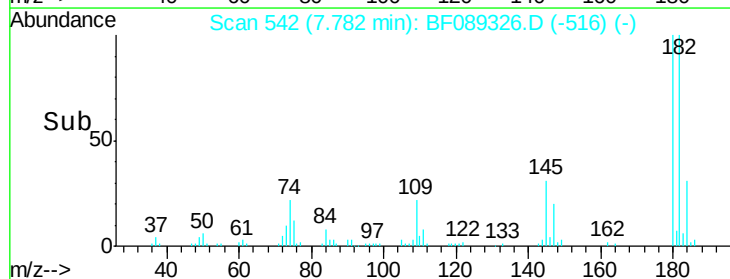
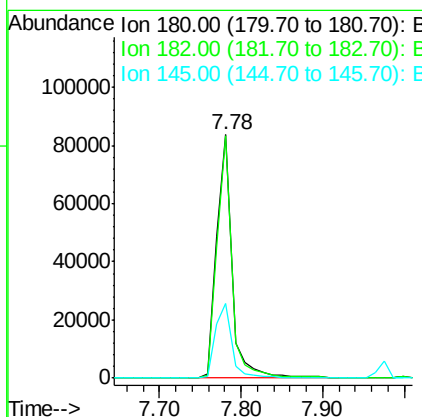
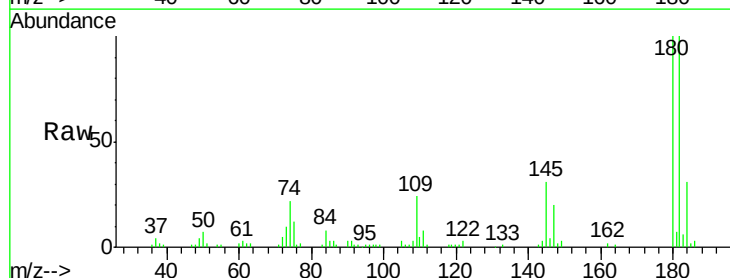
Instrument :
 BNA_F
 ClientSampleId :

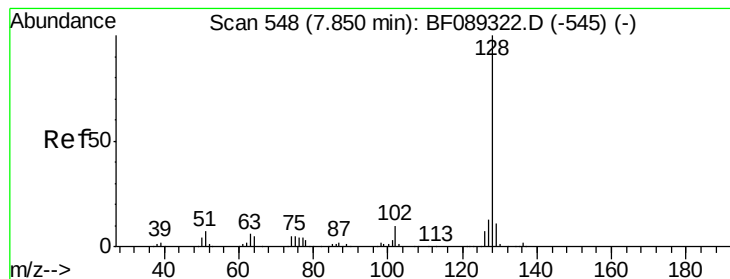
Tot Ion:162 Resp: 100637
 Ion Ratio Lower Upper
 162 100
 164 63.9 44.0 84.0
 98 42.3 21.8 61.8



#30
 1,2,4-Trichlorobenzene
 Concen: 41.11 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

Tgt Ion:180 Resp: 109551
 Ion Ratio Lower Upper
 180 100
 182 99.6 78.2 117.2
 145 30.8 24.6 36.8





#31

Naphthalene

Concen: 39.33 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

Instrument :

BNA_F

ClientSampleId :

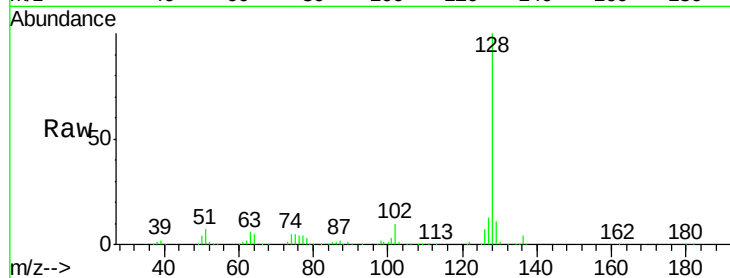
Tot Ion:128 Resp: 363474

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

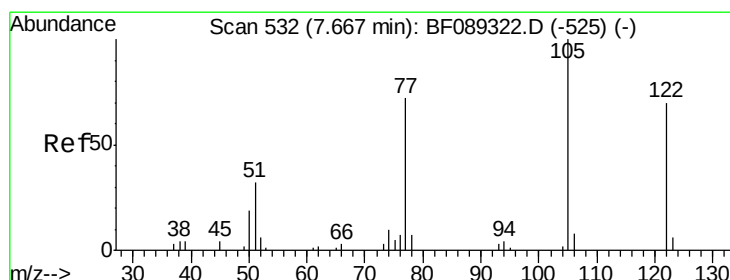
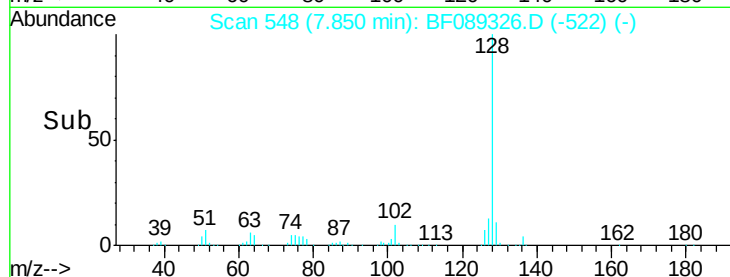
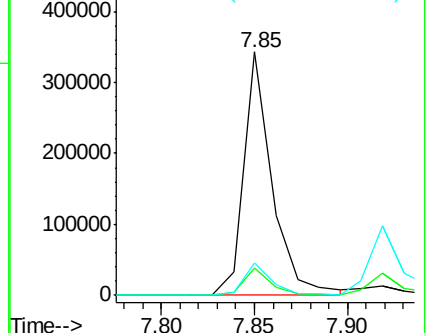
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.09 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

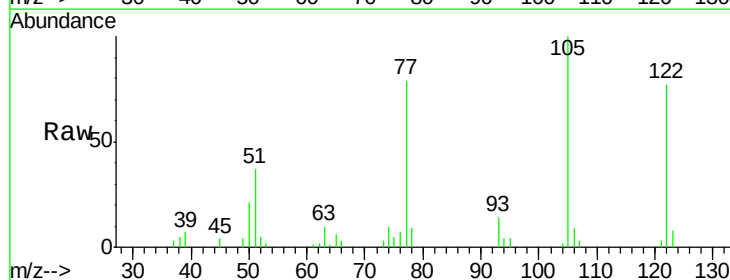
Tgt Ion:122 Resp: 73385

Ion Ratio Lower Upper

122 100

105 130.1 106.4 146.4

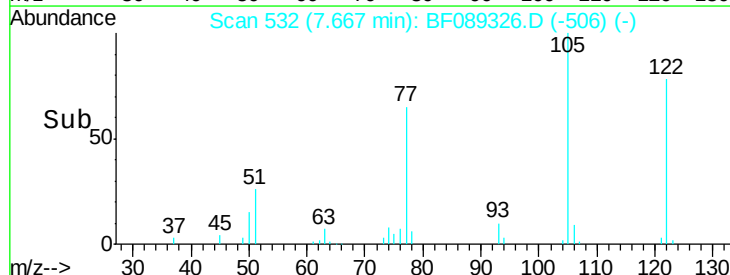
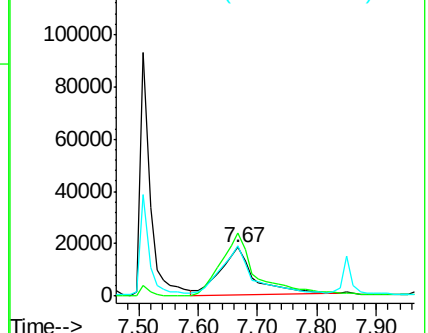
77 102.6 76.4 116.4

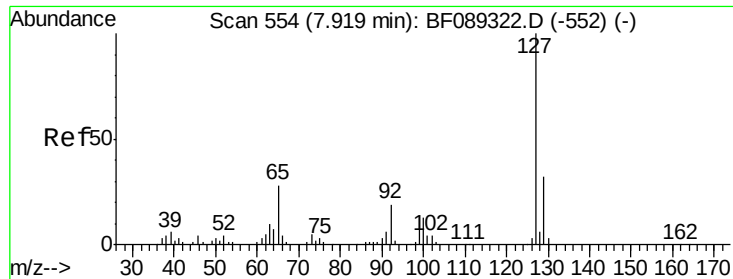


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

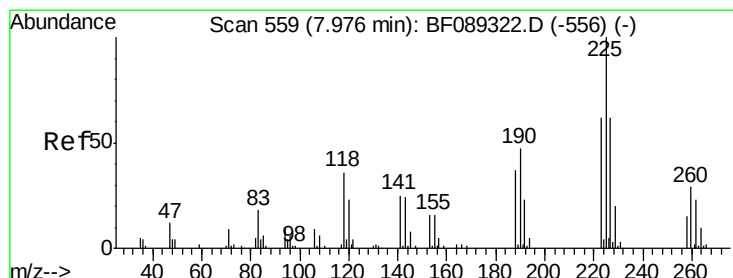
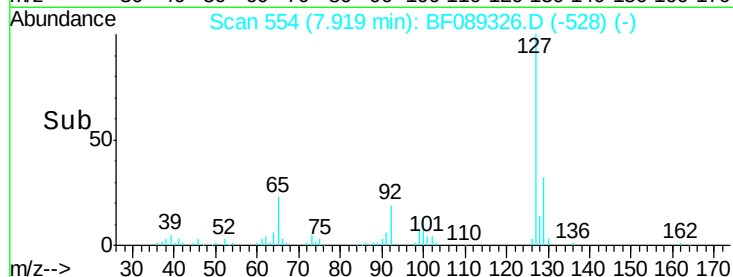
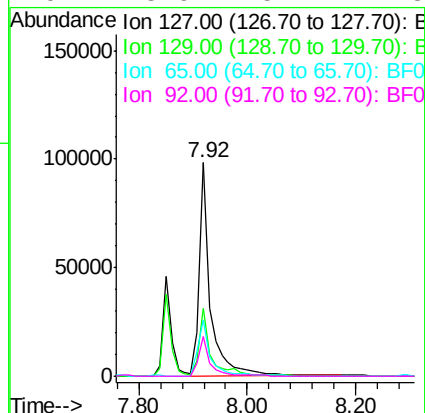
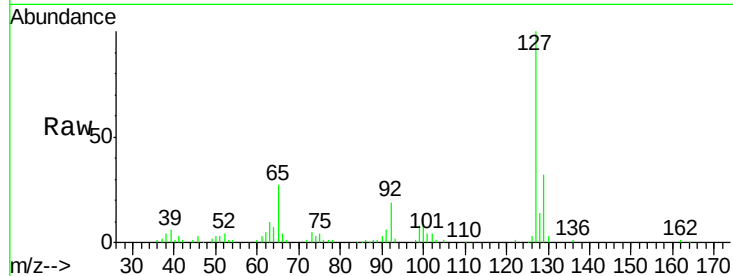




#33
4-Chloroaniline
Concen: 38.99 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF089326.D
Acq: 27 Jul 2016 12:51

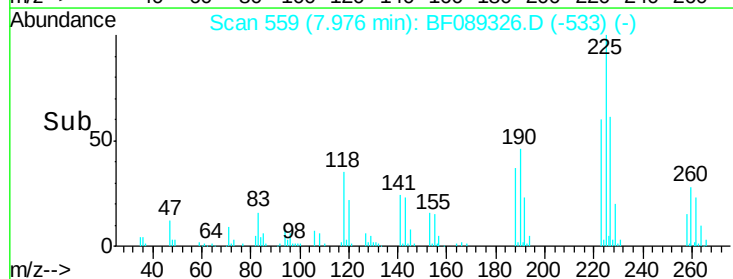
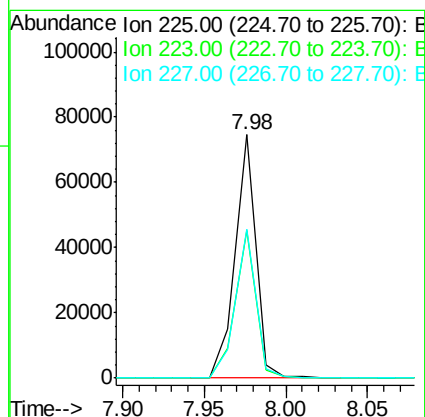
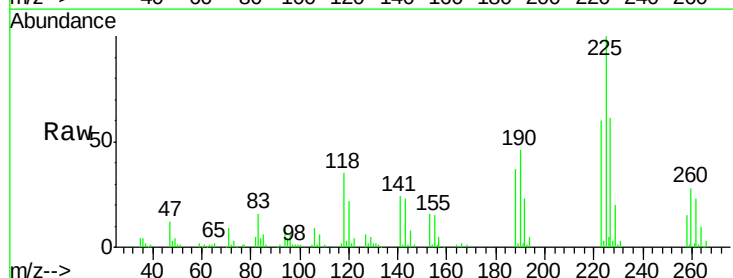
Instrument :
BNA_F
ClientSampleId :

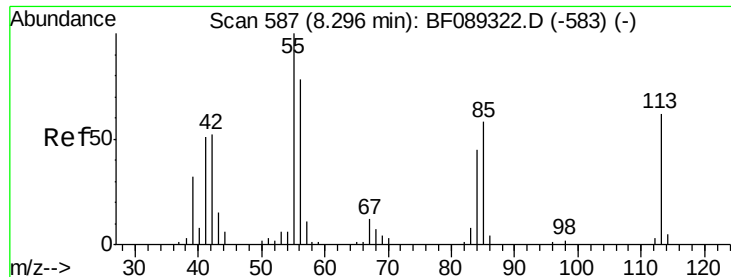
Tot Ion:	127	Resp:	137191
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.1	39.1
65	26.6	22.0	33.0
92	18.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 42.55 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF089326.D
Acq: 27 Jul 2016 12:51

Tgt Ion:	225	Resp:	64935
Ion	Ratio	Lower	Upper
225	100		
223	60.4	49.8	74.8
227	61.4	49.4	74.2

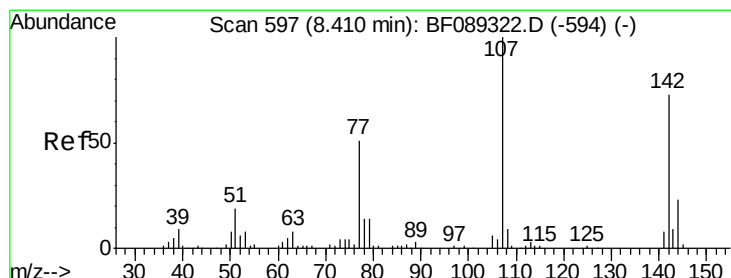
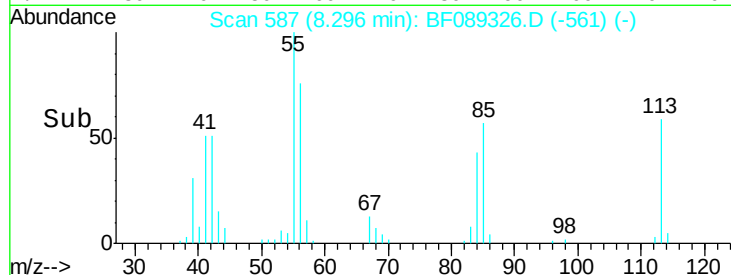
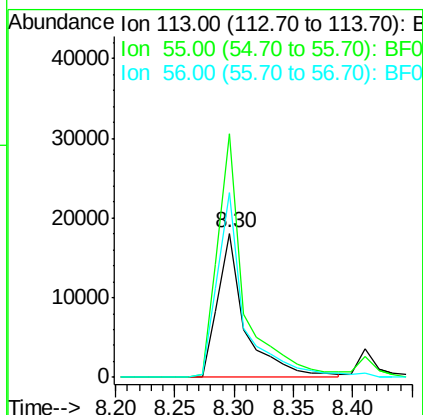
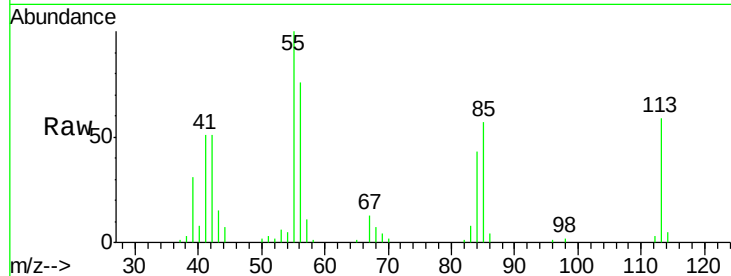




#35
 Caprolactam
 Concen: 41.34 ng
 RT: 8.30 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

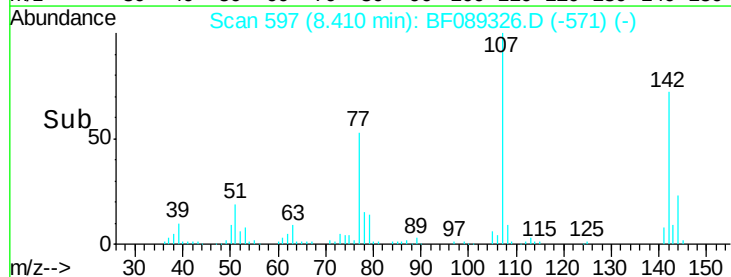
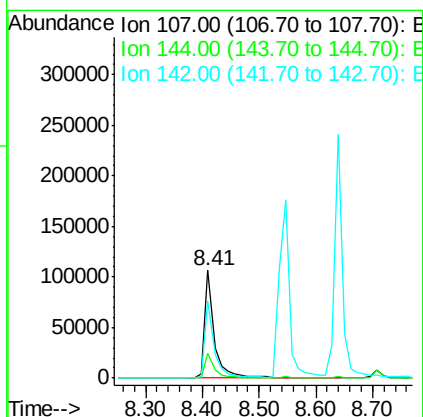
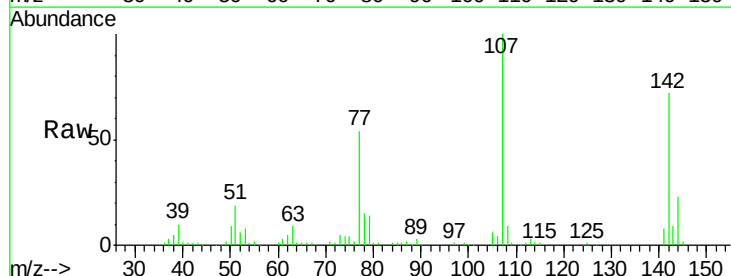
Instrument :
 BNA_F
 ClientSampleId :

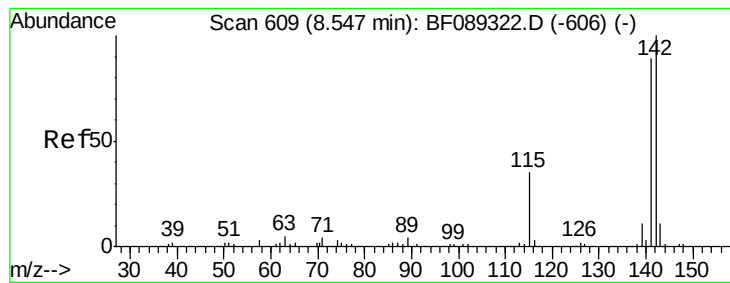
Tot Ion:113 Resp: 29143
 Ion Ratio Lower Upper
 113 100
 55 169.3 142.3 182.3
 56 128.2 105.8 145.8



#36
 4-Chloro-3-methylphenol
 Concen: 43.93 ng
 RT: 8.41 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

Tgt Ion:107 Resp: 121953
 Ion Ratio Lower Upper
 107 100
 144 23.0 18.4 27.6
 142 71.9 58.6 87.8





#37

2-Methylnaphthalene

Concen: 40.61 ng

RT: 8.55 min Scan# 609

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

Instrument :

BNA_F

ClientSampleId :

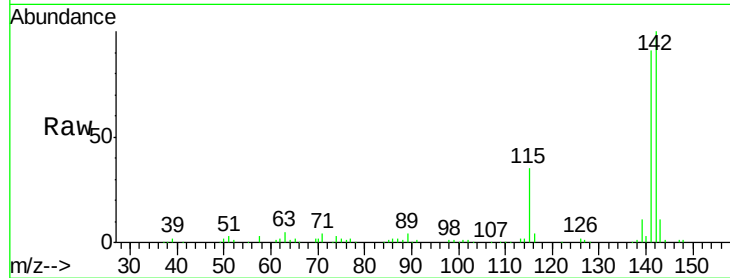
Tot Ion:142 Resp: 226167

Ion Ratio Lower Upper

142 100

141 91.4 70.9 106.3

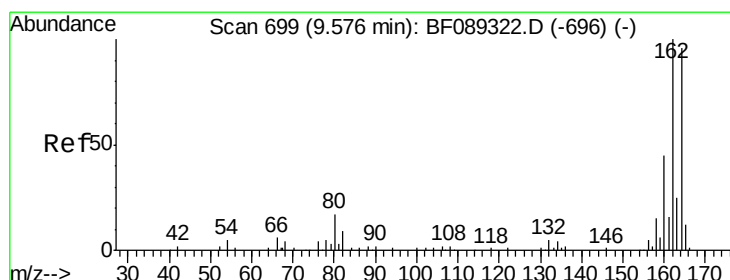
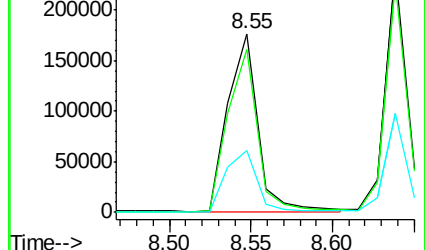
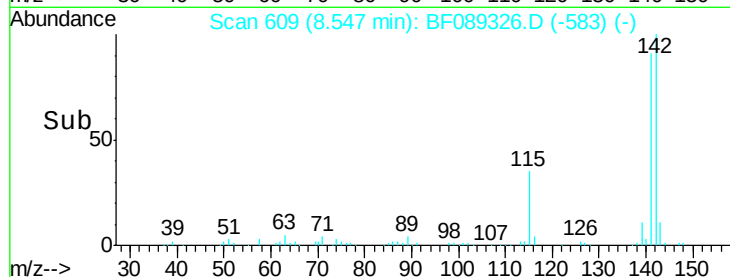
115 34.8 27.6 41.4



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: 9.58 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

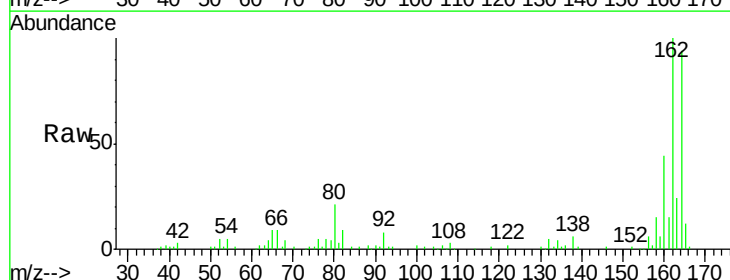
Tgt Ion:164 Resp: 90515

Ion Ratio Lower Upper

164 100

162 106.9 83.7 125.5

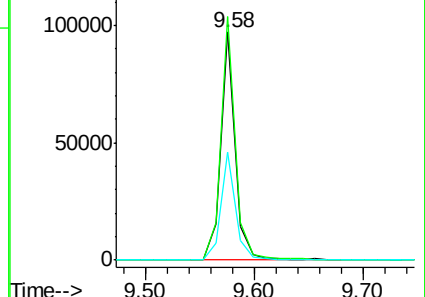
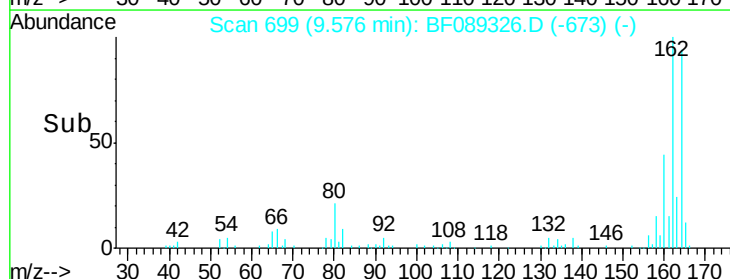
160 47.2 37.8 56.6

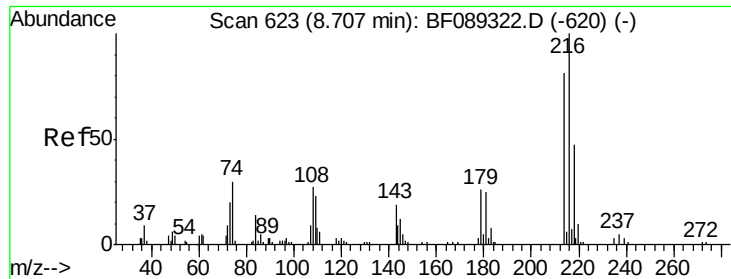


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

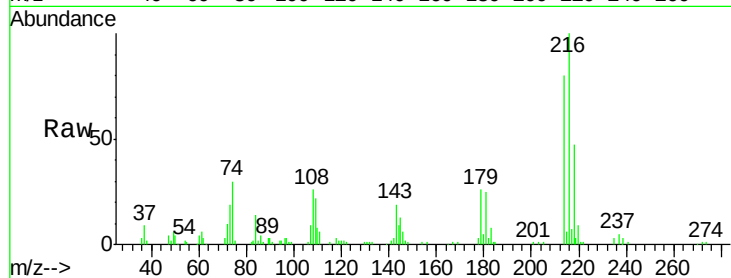




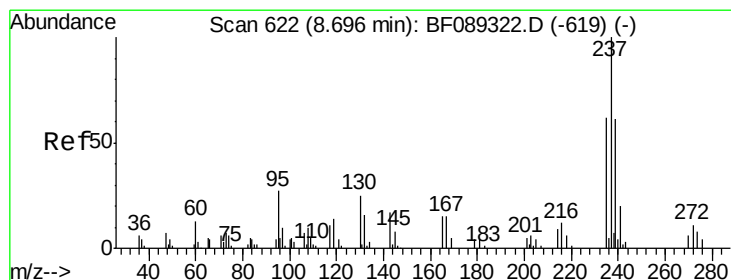
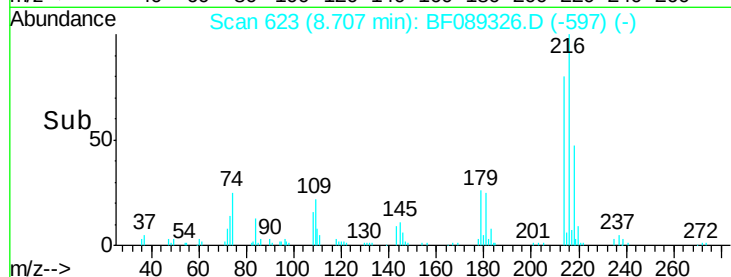
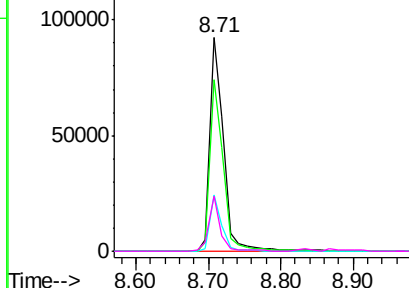
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.00 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	120356
Ion Ratio	Lower	Upper
216	100	
214	78.5	63.3 94.9
179	22.6	18.1 27.1
108	21.6	17.2 25.8

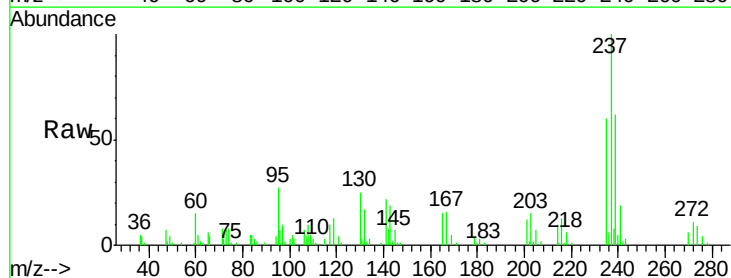


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

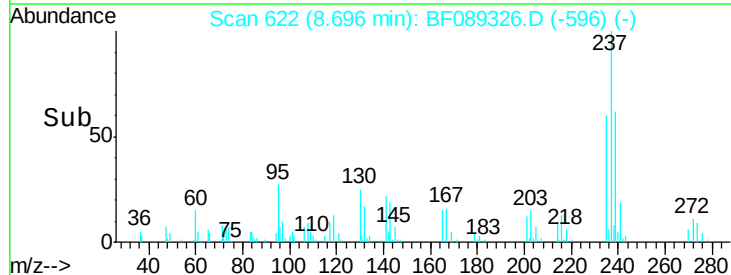
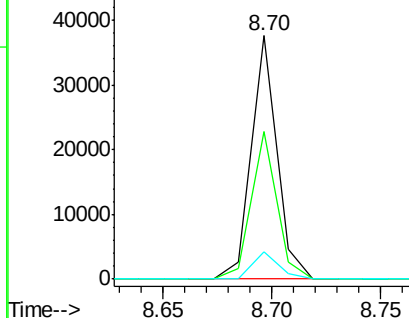


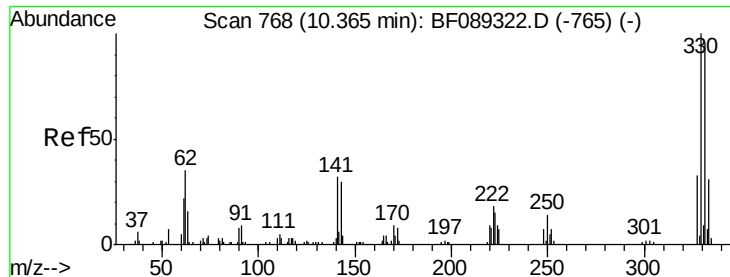
#40
 Hexachlorocyclopentadiene
 Concen: 42.88 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

Tgt Ion:237	Resp:	30719
Ion Ratio	Lower	Upper
237	100	
235	60.4	41.6 81.6
272	11.2	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

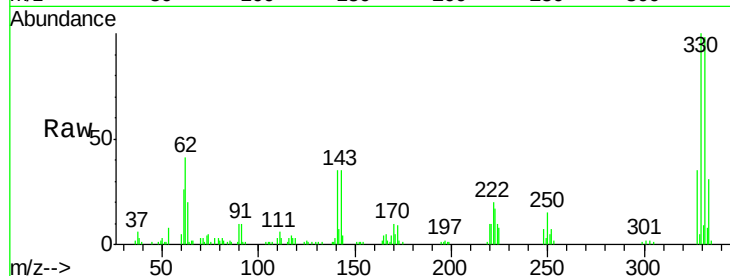




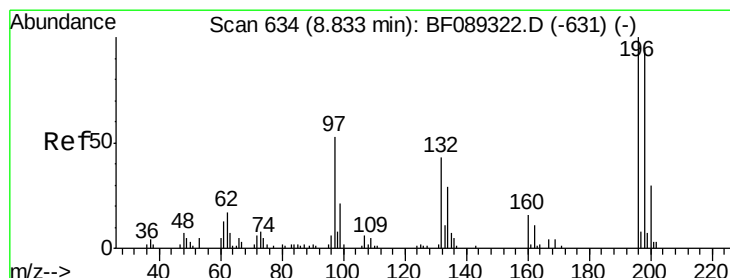
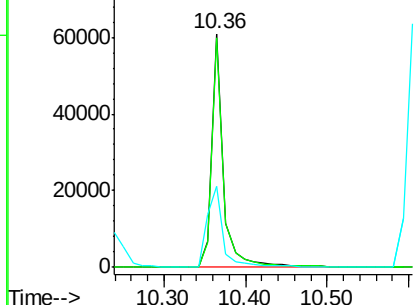
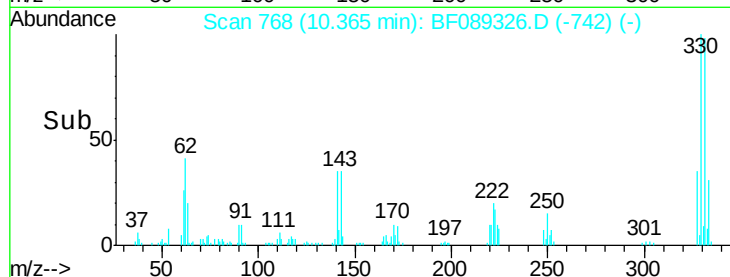
#41
 2,4,6-Tribromophenol
 Concen: 83.13 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 62319
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.8 115.2
 141 48.1 37.3 55.9

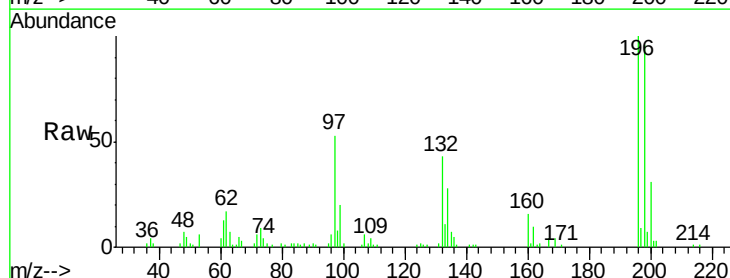


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

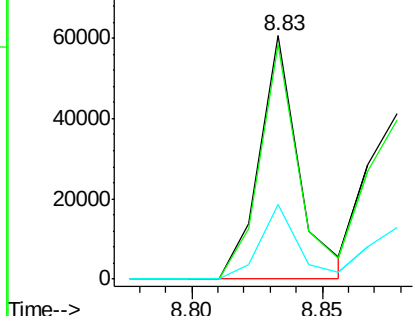
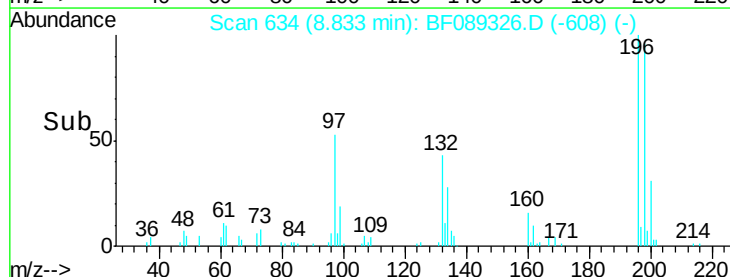


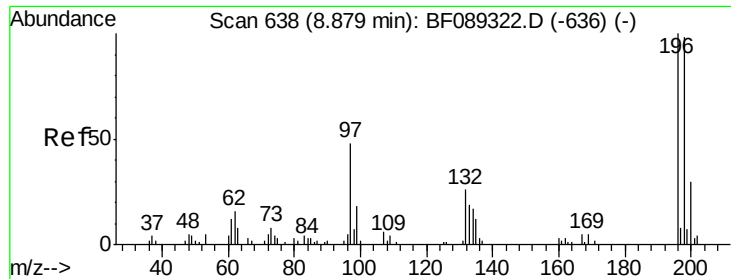
#42
 2,4,6-Trichlorophenol
 Concen: 41.81 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

Tgt Ion:196 Resp: 62961
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.5 113.3
 200 30.8 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

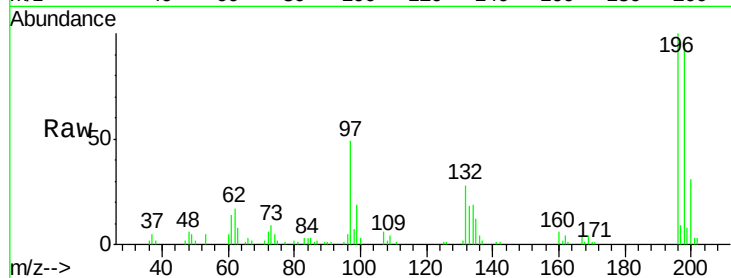




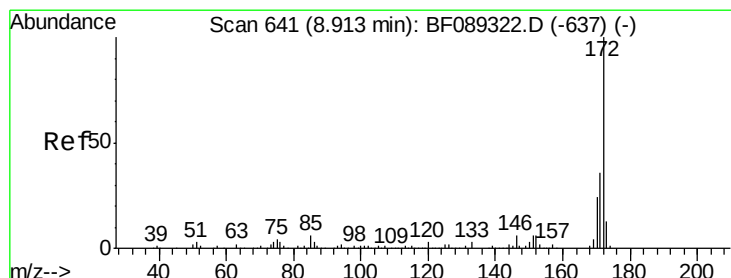
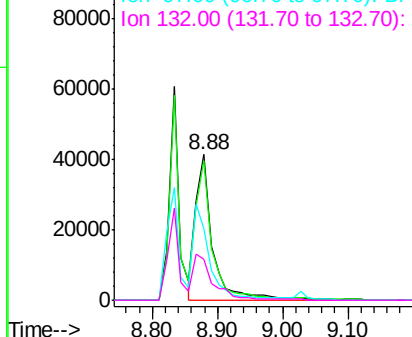
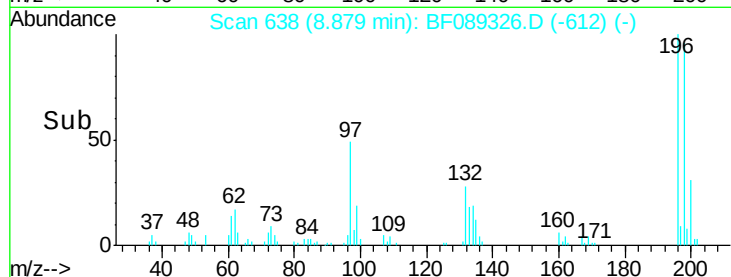
#43
 2,4,5-Trichlorophenol
 Concen: 39.89 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 76099
 Ion Ratio Lower Upper
 196 100
 198 95.8 78.7 118.1
 97 49.1 39.7 59.5
 132 28.4 22.8 34.2

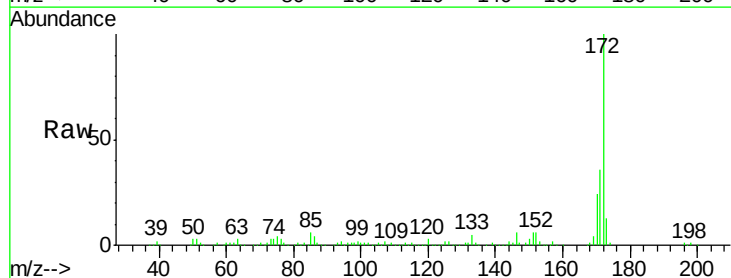


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

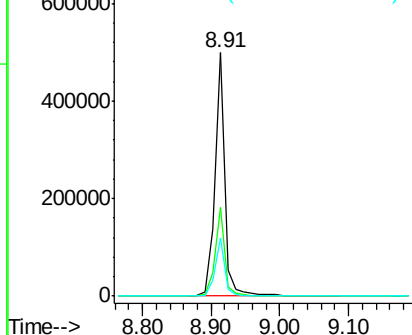
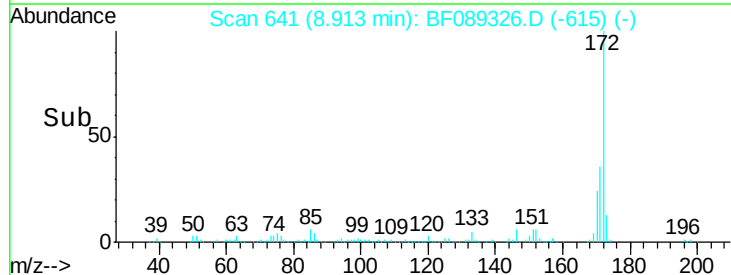


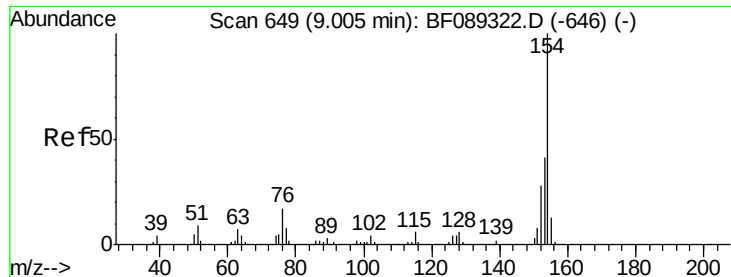
#44
 2-Fluorobiphenyl
 Concen: 83.35 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

Tgt Ion:172 Resp: 514065
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.2 43.8
 170 23.7 19.2 28.8



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





#45

1,1'-Biphenyl

Concen: 37.48 ng

RT: 9.00 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

Instrument :

BNA_F

ClientSampleId :

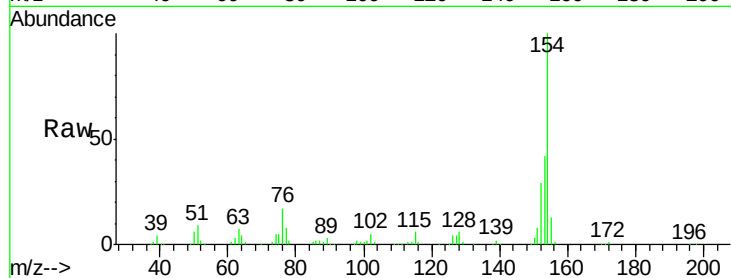
Tot Ion:154 Resp: 288838

Ion Ratio Lower Upper

154 100

153 41.6 21.0 61.0

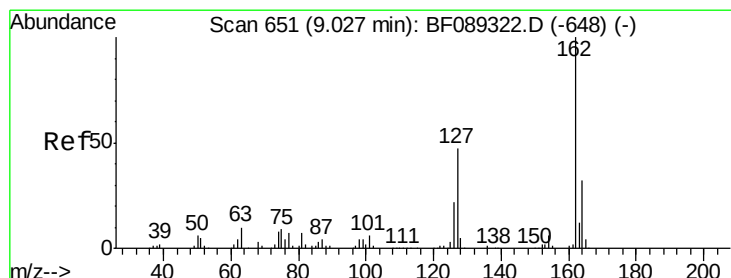
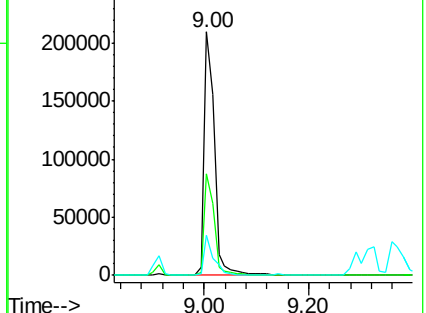
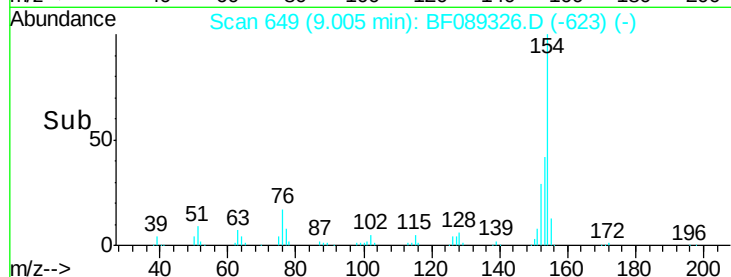
76 16.7 0.0 36.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.18 ng

RT: 9.03 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

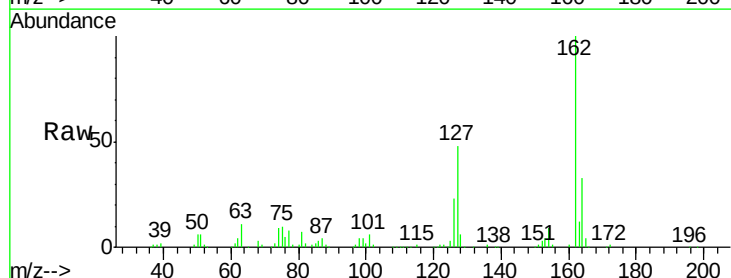
Tgt Ion:162 Resp: 226792

Ion Ratio Lower Upper

162 100

127 48.3 37.8 56.8

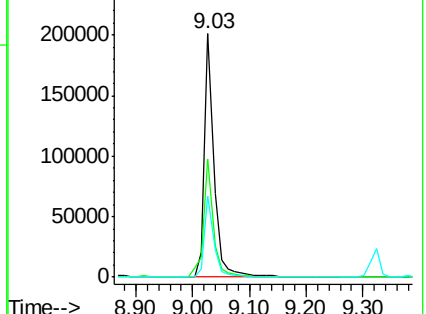
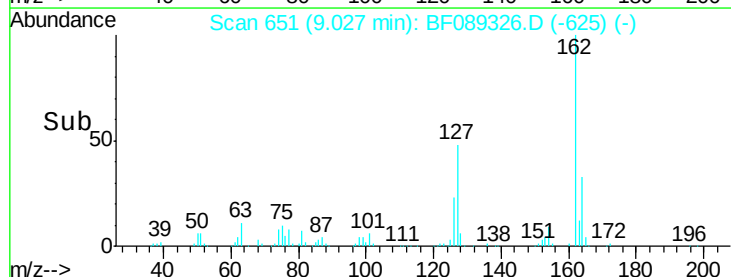
164 33.2 25.8 38.8

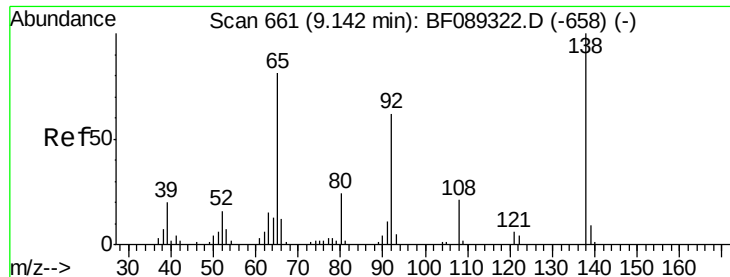


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

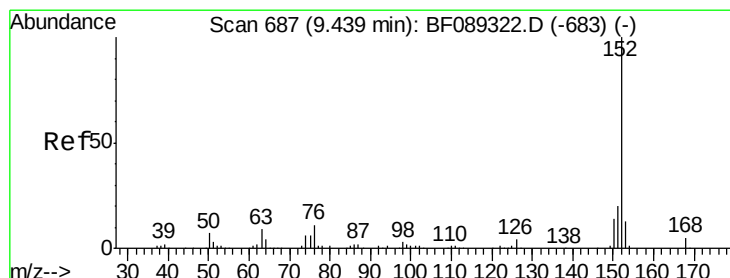
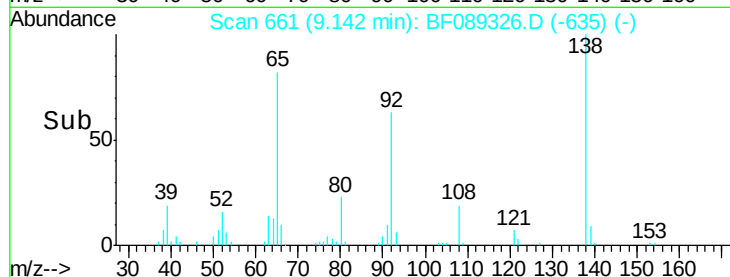
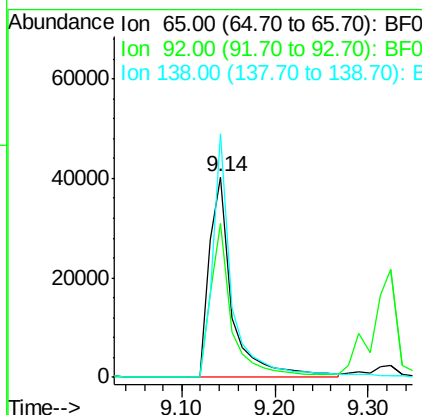
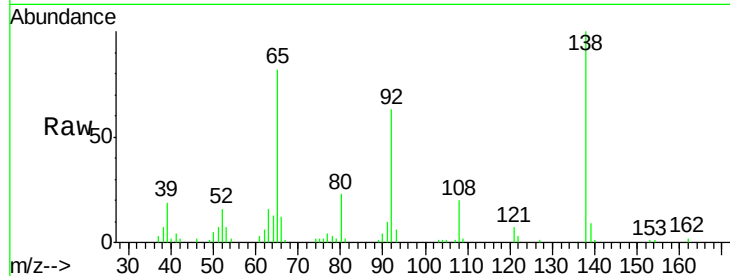




#47
2-Nitroaniline
Concen: 40.28 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF089326.D
Acq: 27 Jul 2016 12:51

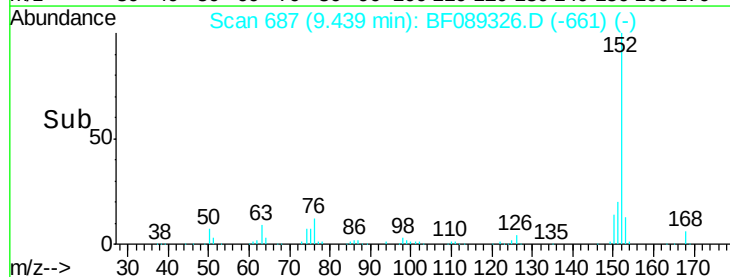
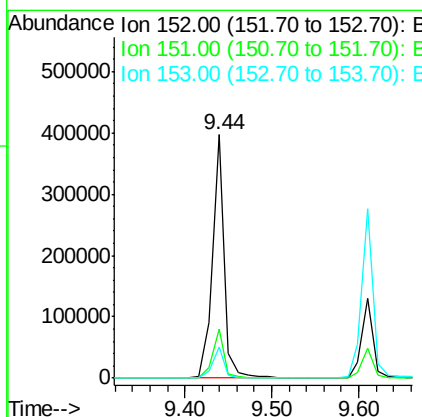
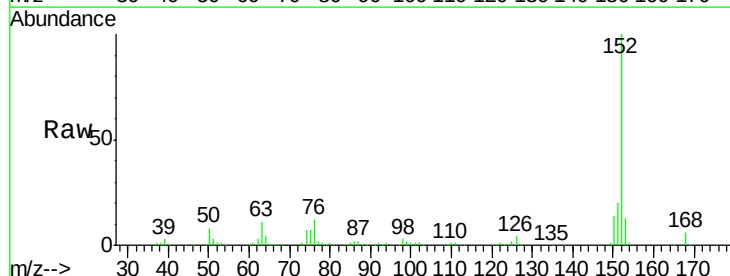
Instrument :
BNA_F
ClientSampleId :

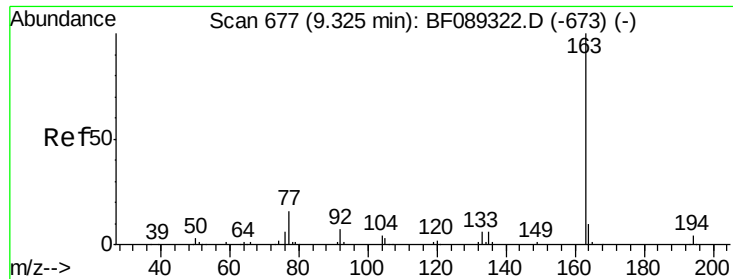
Tot Ion: 65 Resp: 69041
Ion Ratio Lower Upper
65 100
92 76.8 61.0 91.4
138 121.7 99.1 148.7



#48
Acenaphthylene
Concen: 41.80 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF089326.D
Acq: 27 Jul 2016 12:51

Tgt Ion: 152 Resp: 381063
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 12.8 10.2 15.4

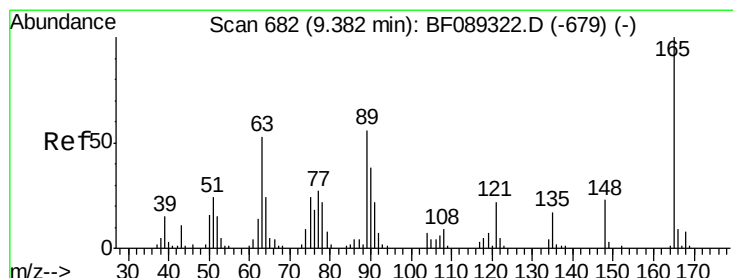
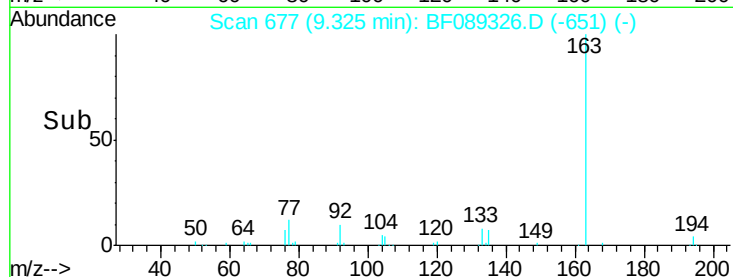
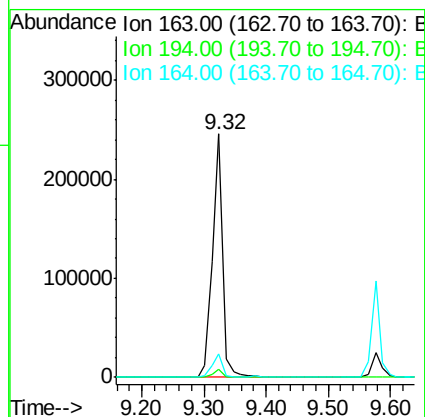
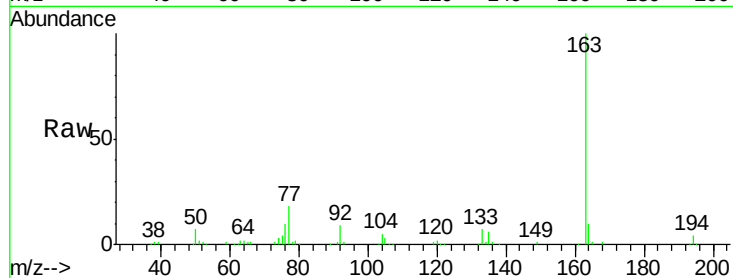




#49
Dimethylphthalate
Concen: 40.83 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF089326.D
Acq: 27 Jul 2016 12:51

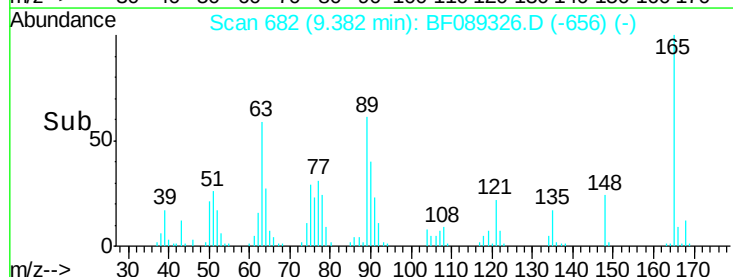
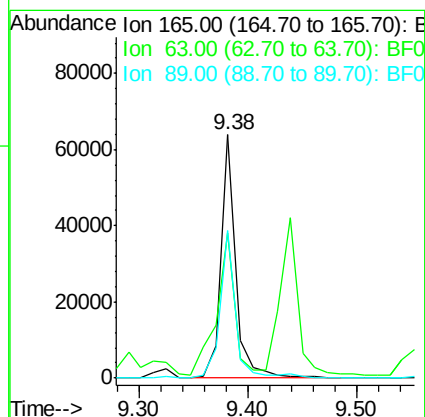
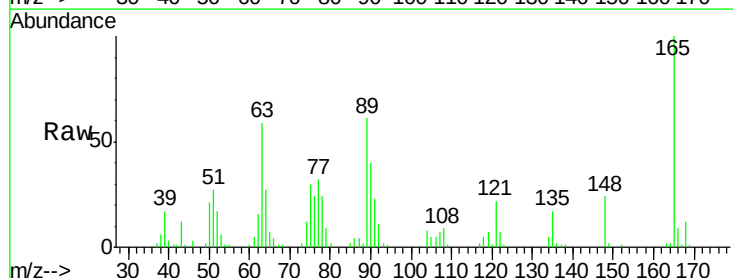
Instrument :
BNA_F
ClientSampleId :

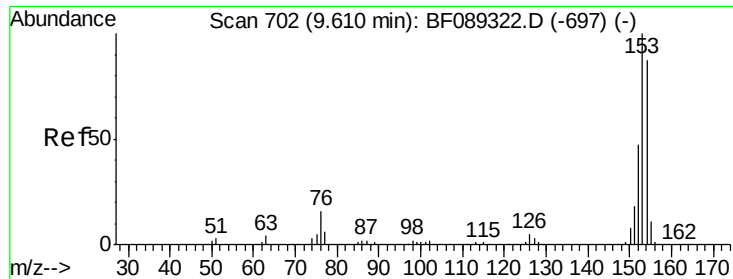
Tot Ion:163 Resp: 281283
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.8 7.8 11.8



#50
2,6-Dinitrotoluene
Concen: 43.40 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF089326.D
Acq: 27 Jul 2016 12:51

Tgt Ion:165 Resp: 61427
Ion Ratio Lower Upper
165 100
63 59.4 43.5 65.3
89 60.8 45.0 67.4





#51

Acenaphthene

Concen: 41.21 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

Instrument :

BNA_F

ClientSampleId :

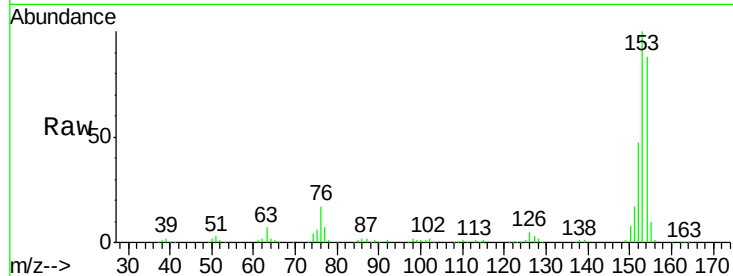
Tot Ion:154 Resp: 219384

Ion Ratio Lower Upper

154 100

153 114.2 91.4 137.2

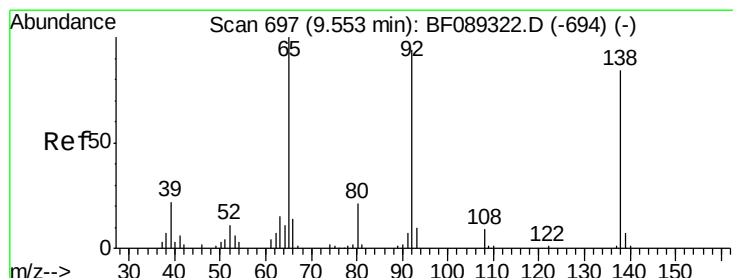
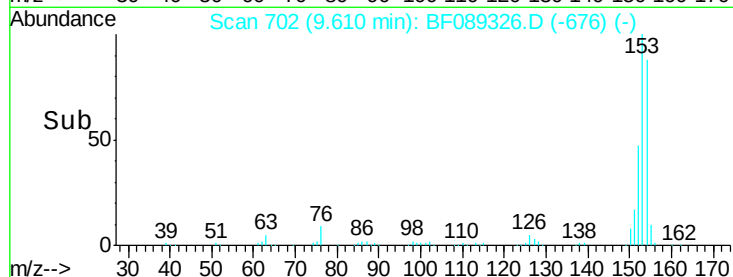
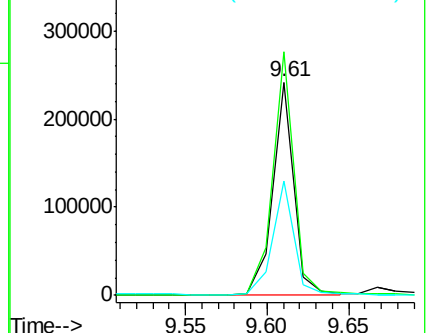
152 53.5 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.76 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

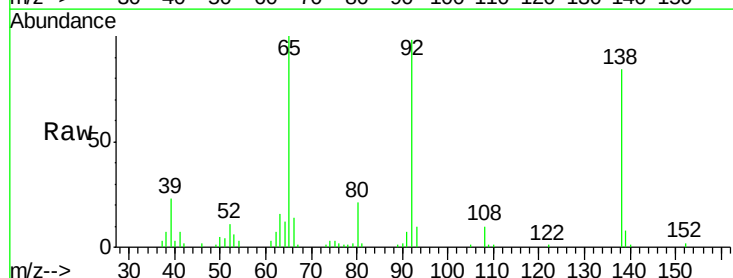
Tgt Ion:138 Resp: 60876

Ion Ratio Lower Upper

138 100

108 11.6 8.6 13.0

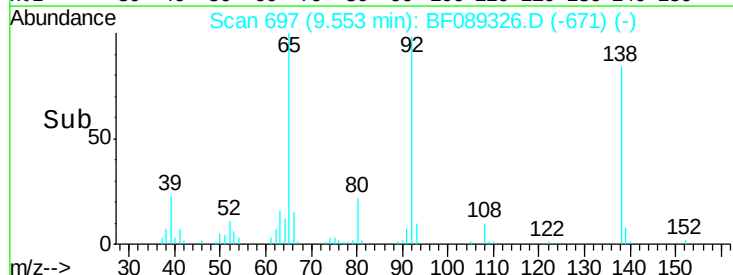
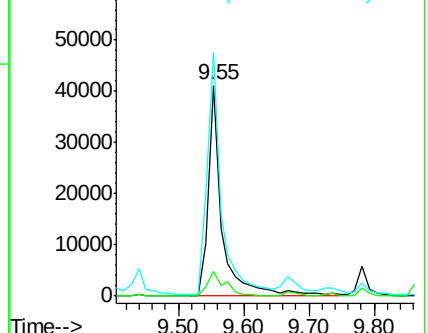
92 115.8 90.0 135.0

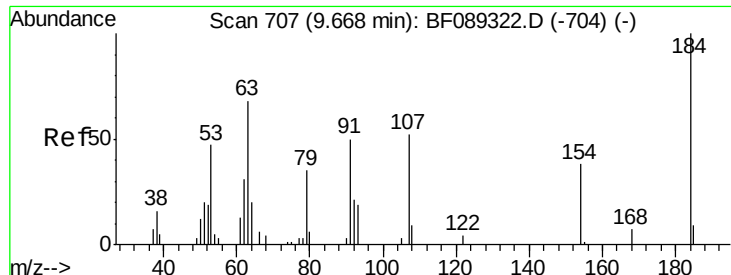


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

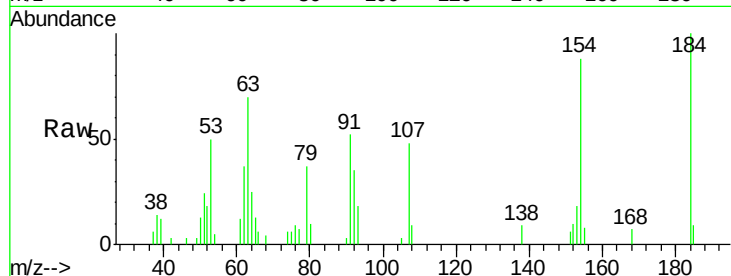




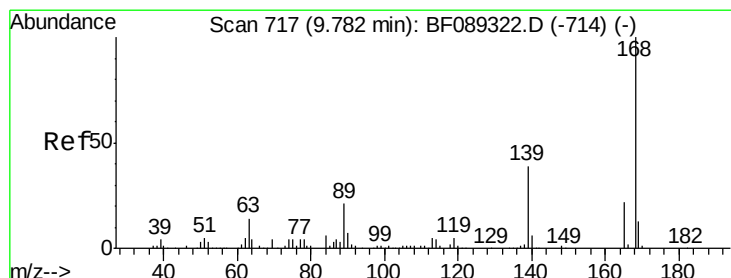
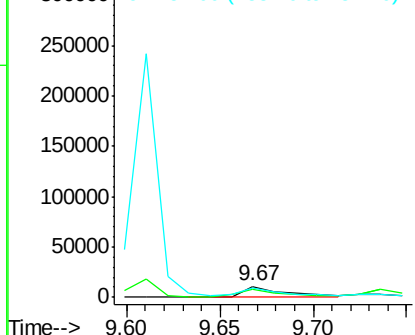
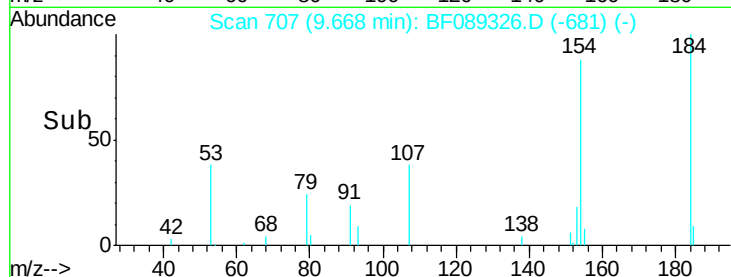
#53
2,4-Dinitrophenol
Concen: 37.09 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF089326.D
Acq: 27 Jul 2016 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 17464
Ion Ratio Lower Upper
184 100
63 70.2 60.6 90.8
154 87.9 69.8 104.8

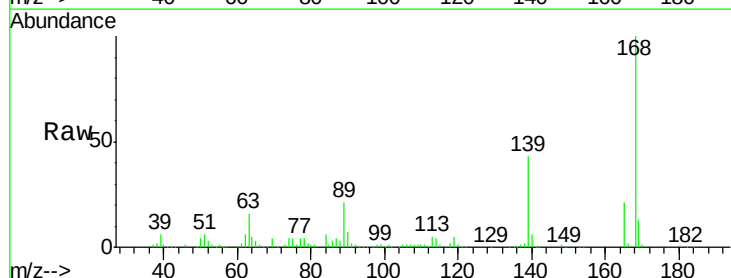


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

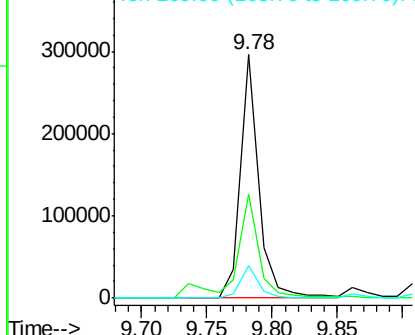
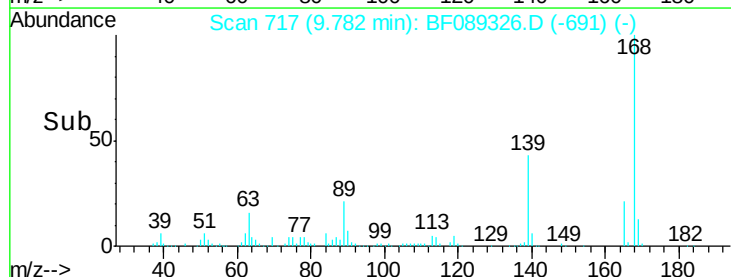


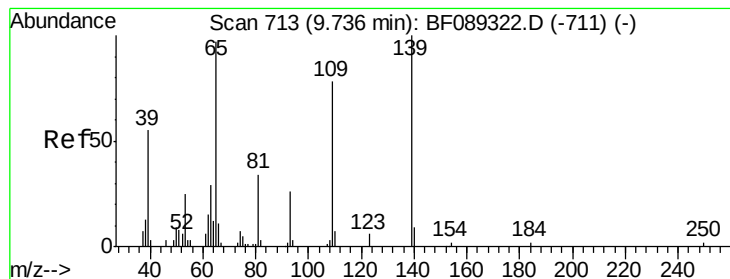
#54
Dibenzofuran
Concen: 39.78 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF089326.D
Acq: 27 Jul 2016 12:51

Tgt Ion:168 Resp: 288608
Ion Ratio Lower Upper
168 100
139 43.0 33.7 50.5
169 13.3 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: 165.17 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.05 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

Instrument :

BNA_F

ClientSampleId :

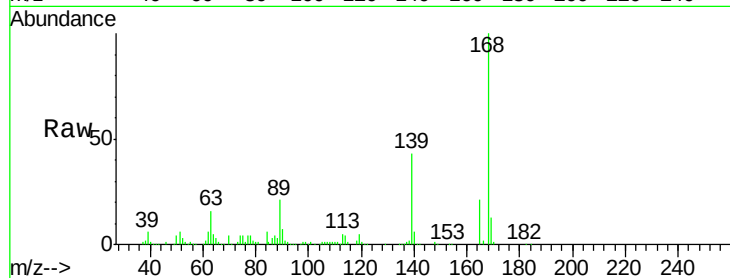
Tot Ion:139 Resp: 162192

Ion Ratio Lower Upper

139 100

109 2.7 57.8 97.8#

65 6.1 81.7 121.7#

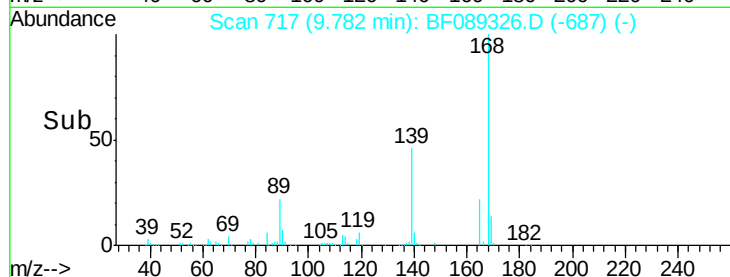


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

Time-->



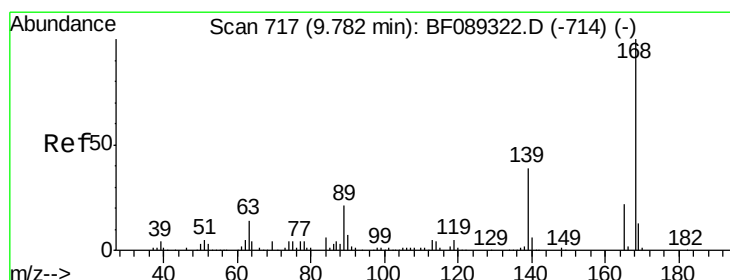
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

Time-->



#56

2,4-Dinitrotoluene

Concen: 41.76 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

Tgt Ion:165 Resp: 77816

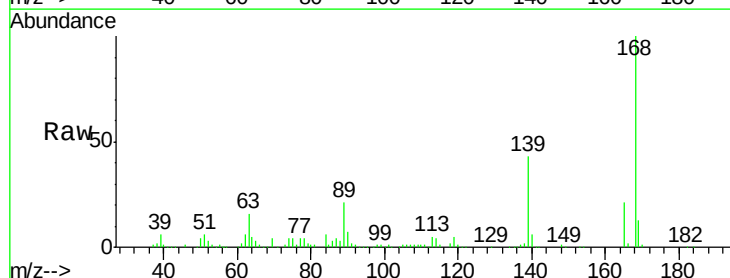
Ion Ratio Lower Upper

165 100

63 77.9 58.2 87.2

89 100.0 79.1 118.7

182 2.1 1.8 2.8



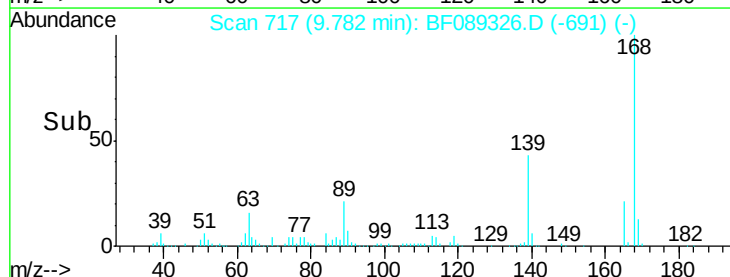
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->



Abundance

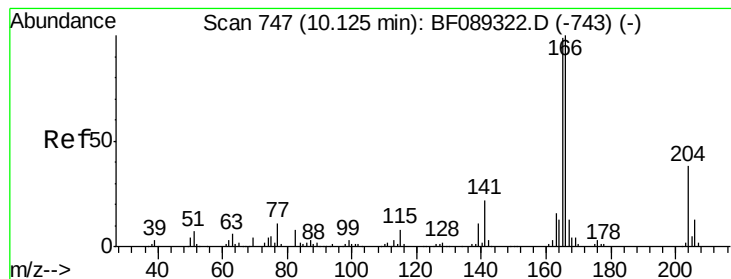
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->



#57

Fluorene

Concen: 40.78 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

Instrument :

BNA_F

ClientSampleId :

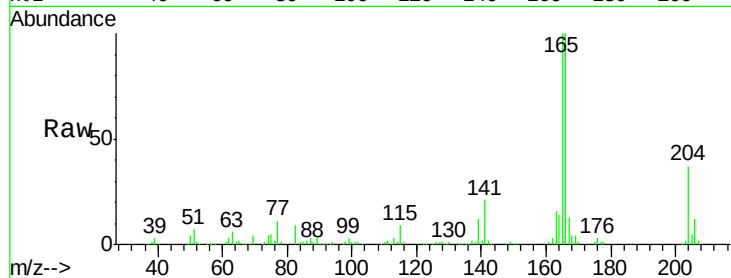
Tot Ion:166 Resp: 258233

Ion Ratio Lower Upper

166 100

165 100.0 79.0 118.4

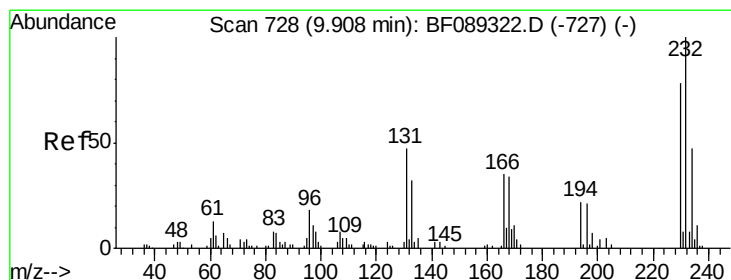
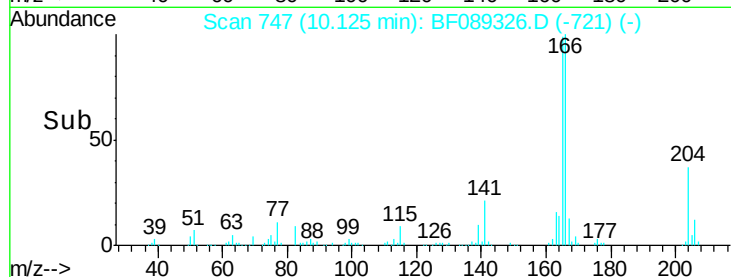
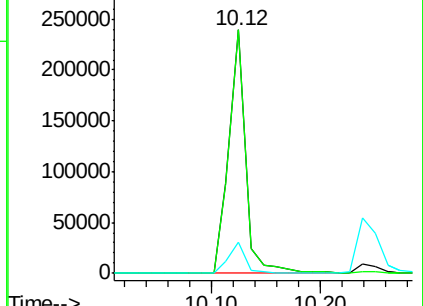
167 12.9 10.2 15.2



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: 44.43 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

Tgt Ion:232 Resp: 56589

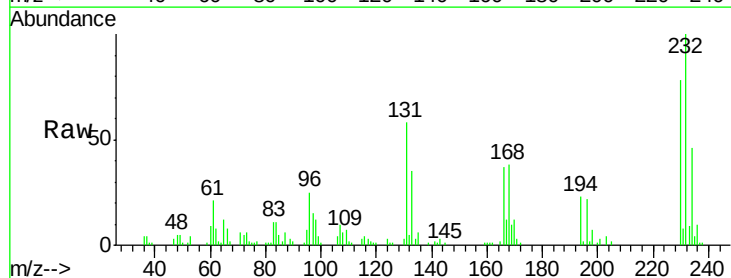
Ion Ratio Lower Upper

232 100

131 53.8 42.7 64.1

130 2.7 1.7 2.5#

166 36.6 25.7 38.5

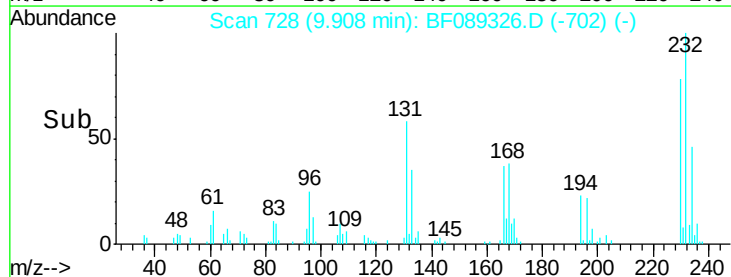
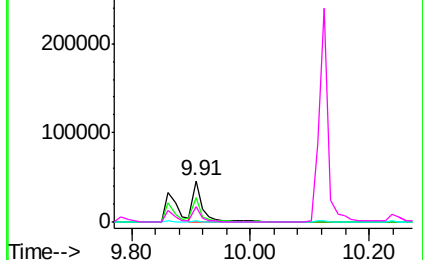


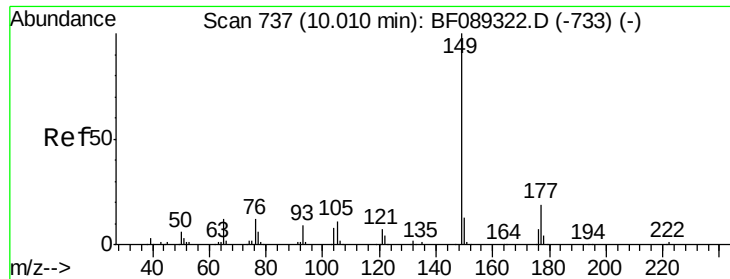
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

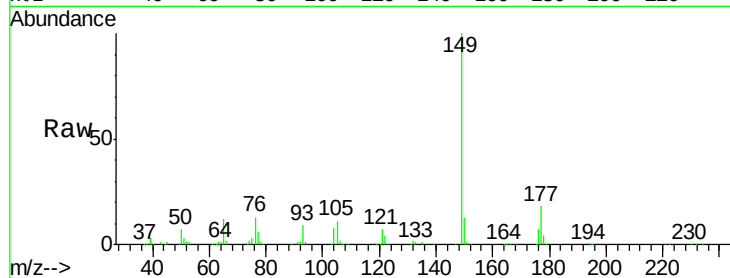




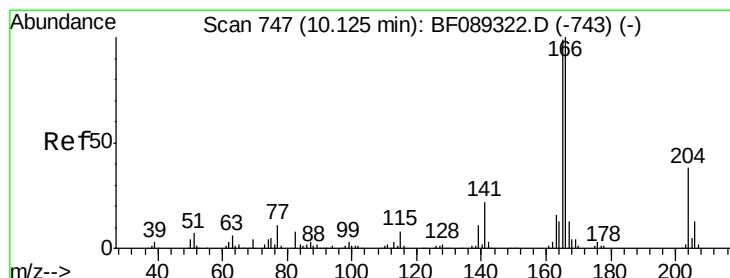
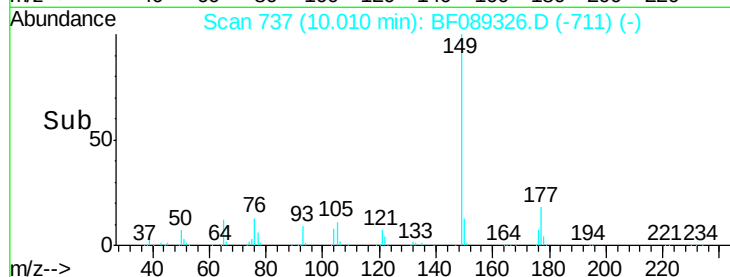
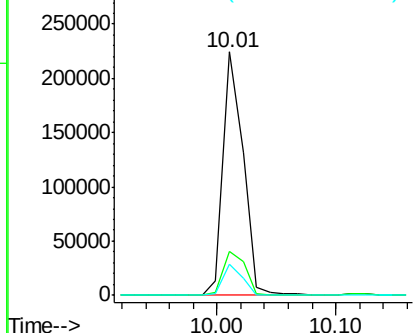
#59
Diethylphthalate
Concen: 37.87 ng
RT: 10.01 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF089326.D
Acq: 27 Jul 2016 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 264500
Ion Ratio Lower Upper
149 100
177 18.3 15.1 22.7
150 13.0 10.2 15.4

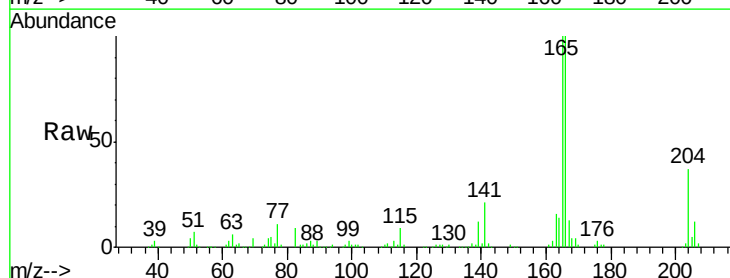


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

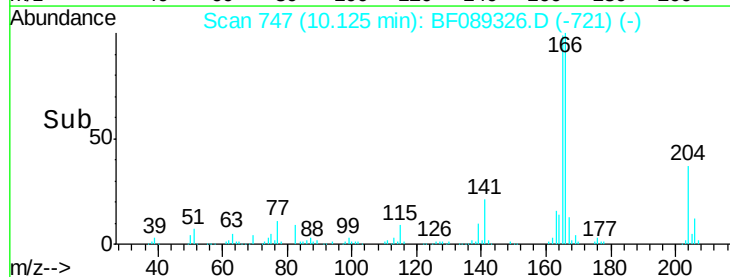
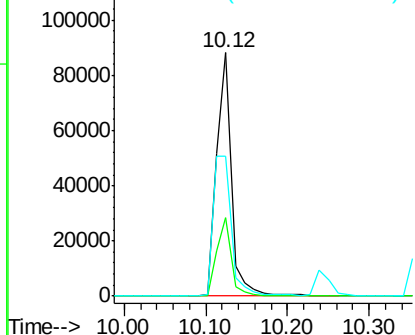


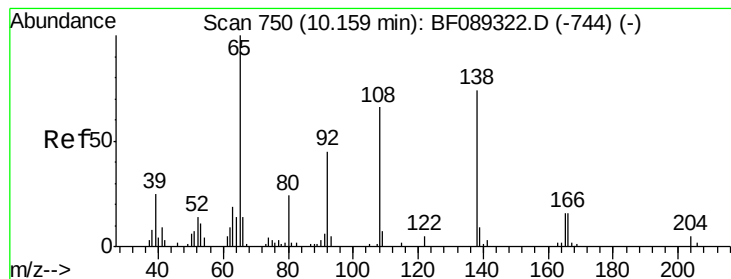
#60
4-Chlorophenyl-phenylether
Concen: 38.32 ng
RT: 10.12 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF089326.D
Acq: 27 Jul 2016 12:51

Tgt Ion:204 Resp: 111314
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 57.6 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: 41.23 ng

RT: 10.16 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

Instrument :

BNA_F

ClientSampleId :

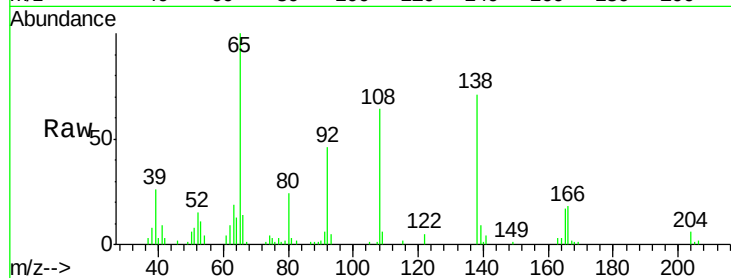
Tot Ion:138 Resp: 63478

Ion Ratio Lower Upper

138 100

92 64.5 41.2 81.2

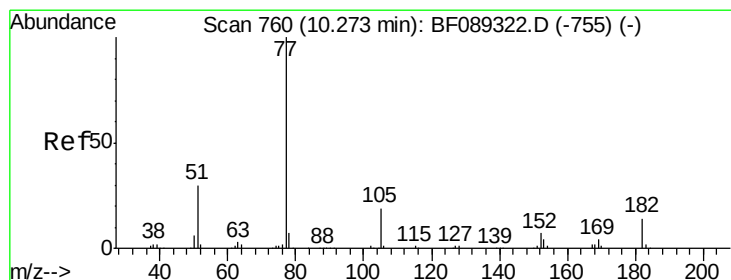
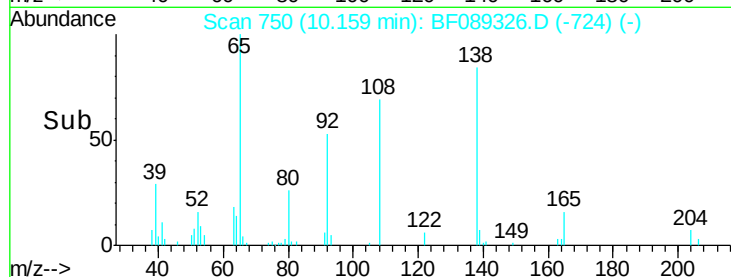
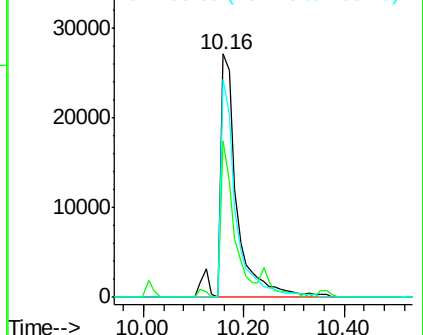
108 89.8 69.6 109.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.77 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

Tgt Ion: 77 Resp: 271665

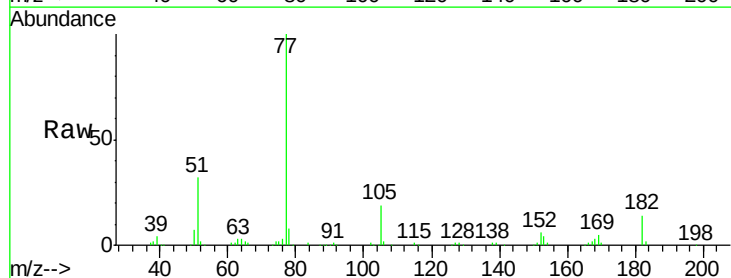
Ion Ratio Lower Upper

77 100

182 13.6 0.0 33.8

105 19.0 0.0 39.8

51 31.8 11.0 51.0

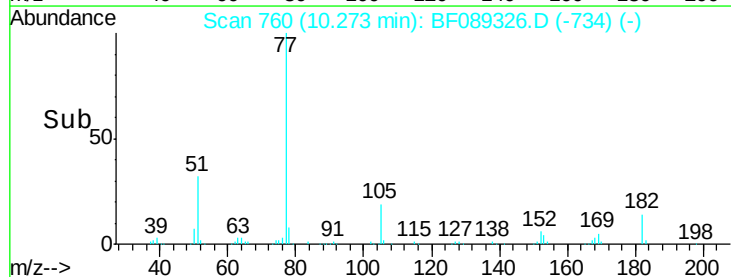
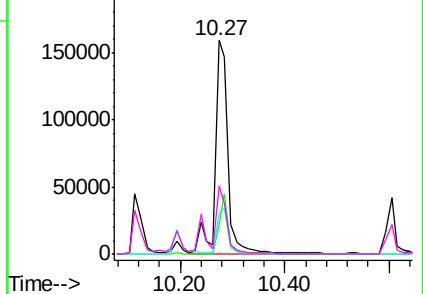


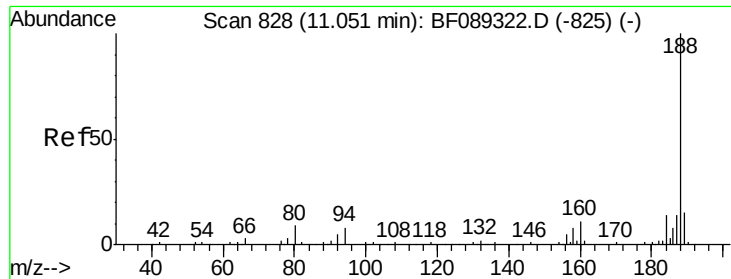
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

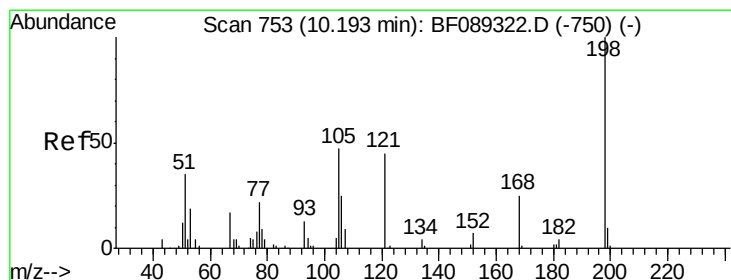
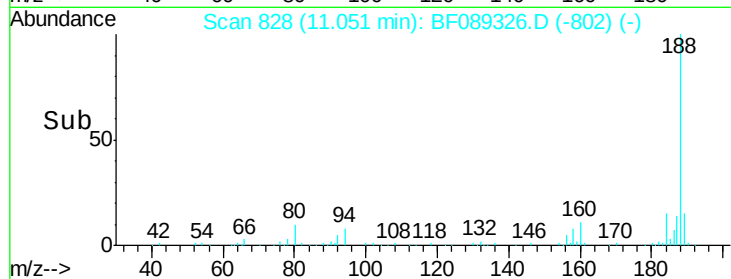
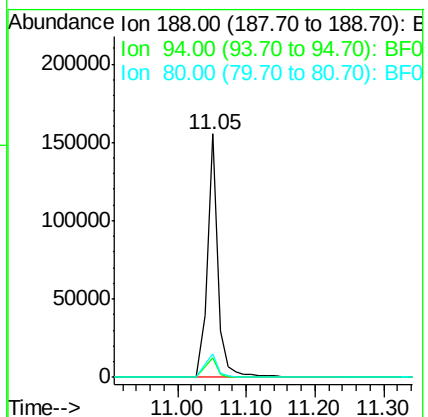
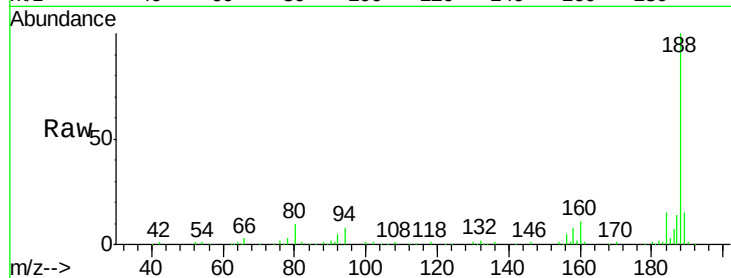




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF089326.D
Acq: 27 Jul 2016 12:51

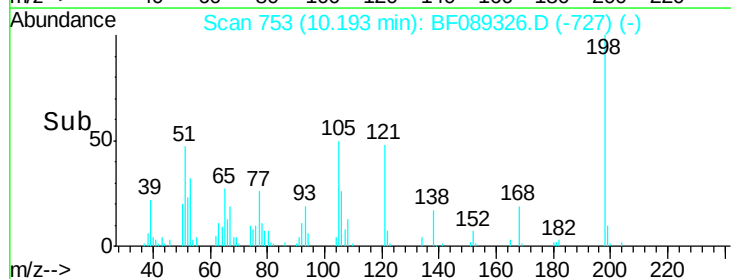
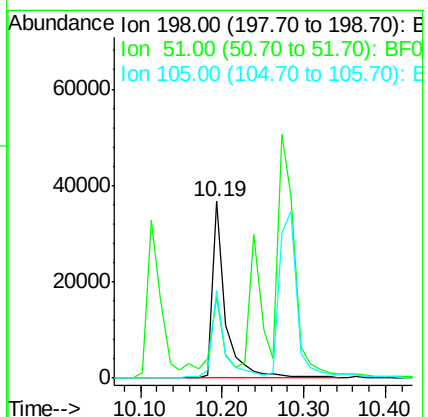
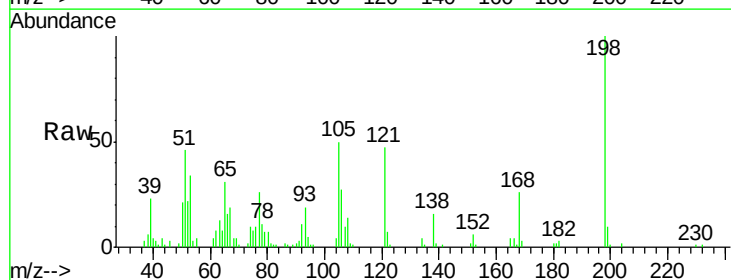
Instrument :
BNA_F
ClientSampleId :

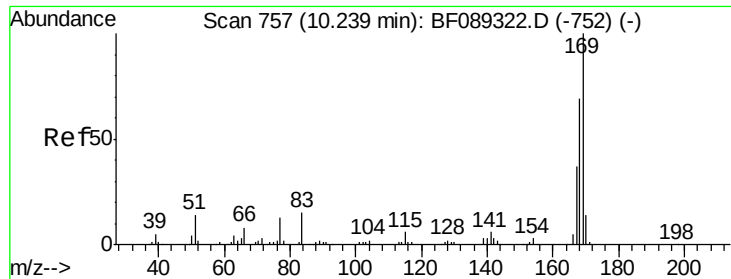
Tot Ion:188 Resp: 167706
Ion Ratio Lower Upper
188 100
94 8.3 6.5 9.7
80 9.7 7.2 10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 44.31 ng
RT: 10.19 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF089326.D
Acq: 27 Jul 2016 12:51

Tgt Ion:198 Resp: 41806
Ion Ratio Lower Upper
198 100
51 46.0 23.0 63.0
105 49.7 28.3 68.3

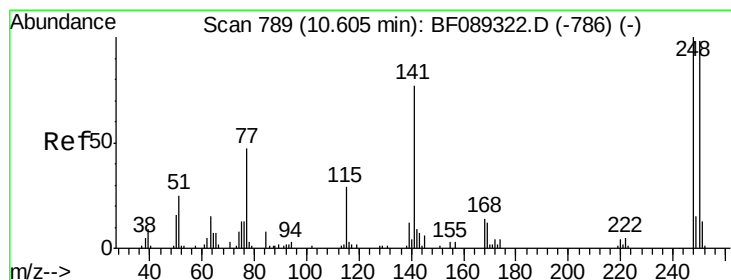
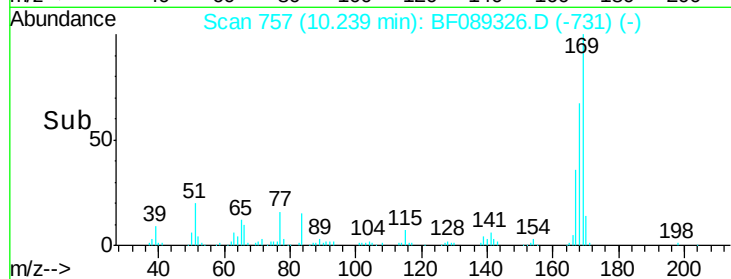
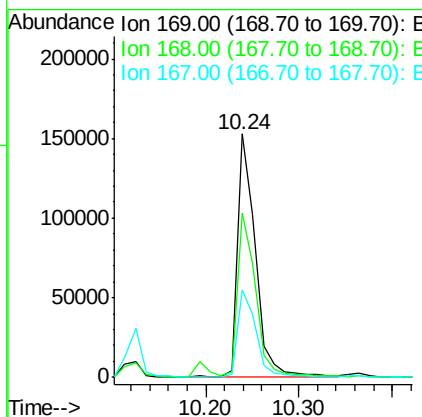
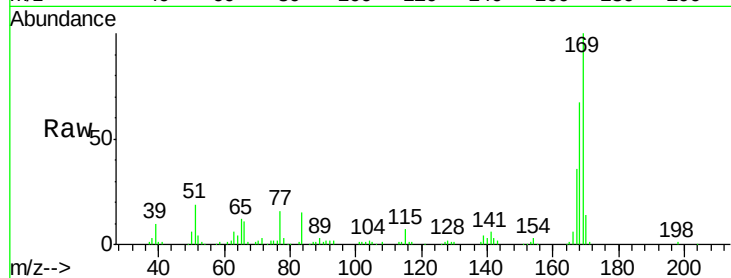




#65
 n-Nitrosodiphenylamine
 Concen: 39.40 ng
 RT: 10.24 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

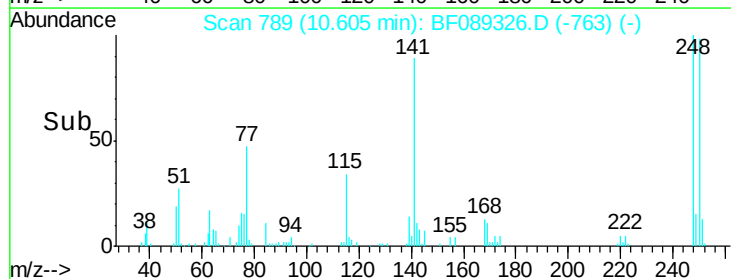
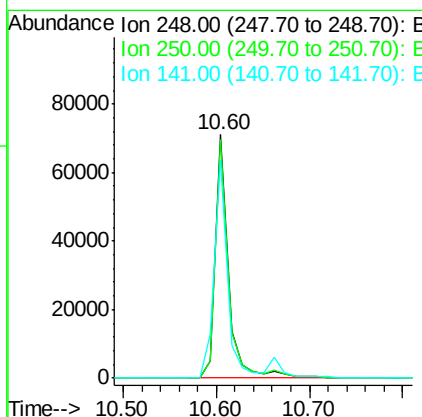
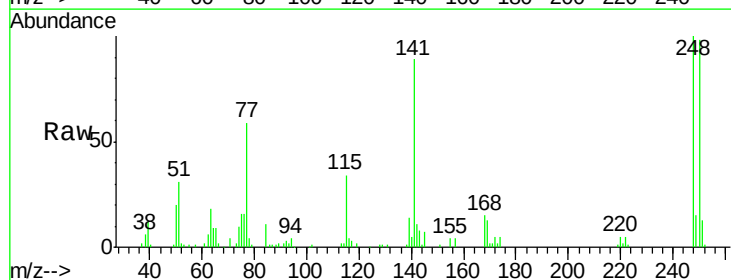
Instrument :
 BNA_F
 ClientSampleId :

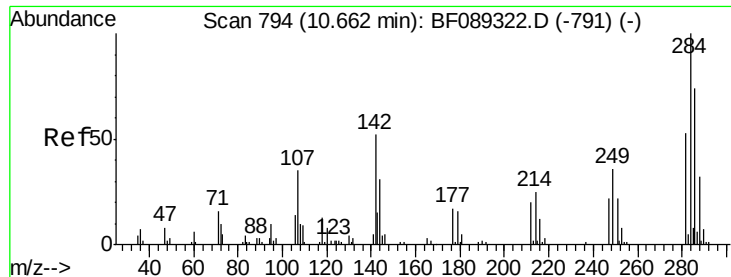
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.4	55.4	83.0
167	36.0	29.7	44.5



#66
 4-Bromophenyl-phenylether
 Concen: 43.08 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.2	117.2
141	89.4	62.0	93.0





#67

Hexachlorobenzene

Concen: 38.95 ng

RT: 10.66 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

Instrument :

BNA_F

ClientSampled :

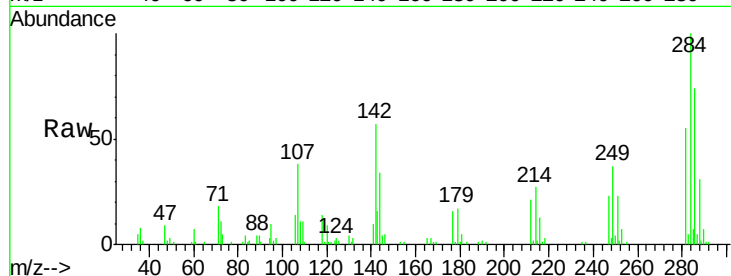
Tot Ion:284 Resp: 63905

Ion Ratio Lower Upper

284 100

142 57.2 42.2 63.4

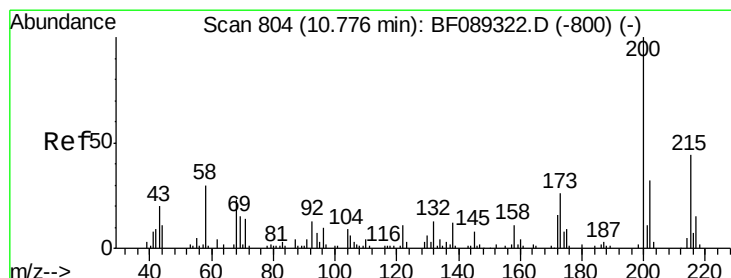
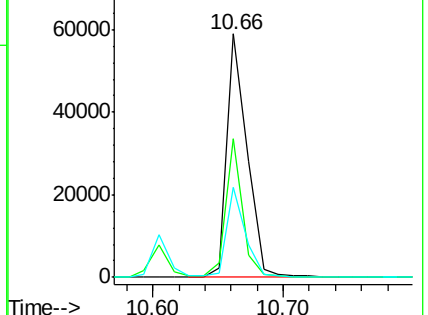
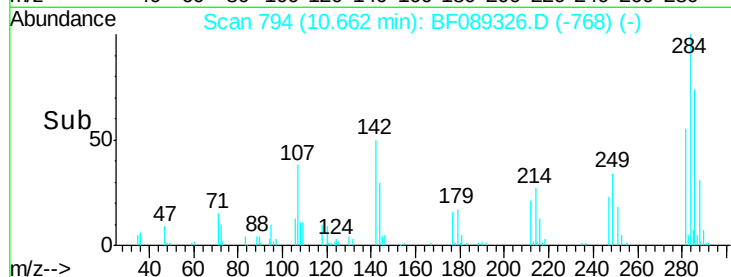
249 36.8 29.4 44.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.84 ng

RT: 10.78 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

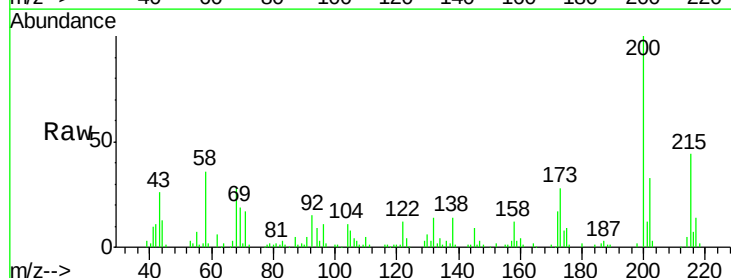
Tgt Ion:200 Resp: 70479

Ion Ratio Lower Upper

200 100

173 27.8 6.0 46.0

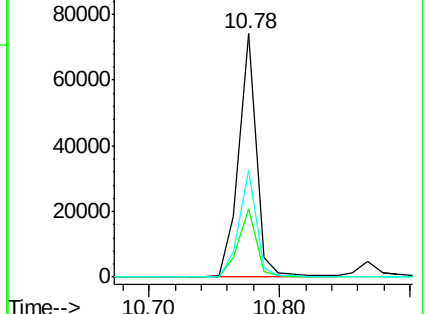
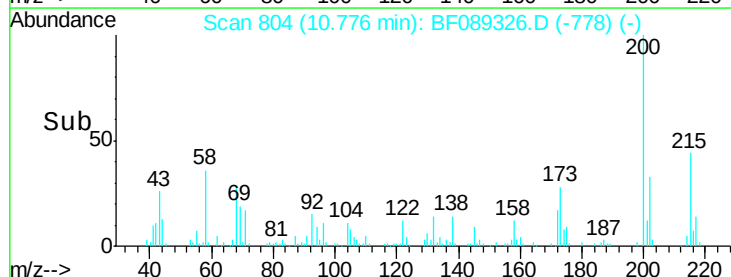
215 43.8 24.3 64.3

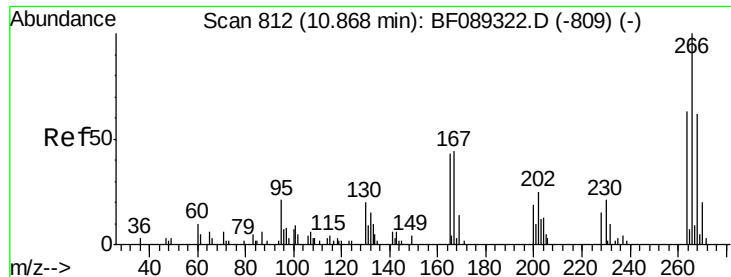


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

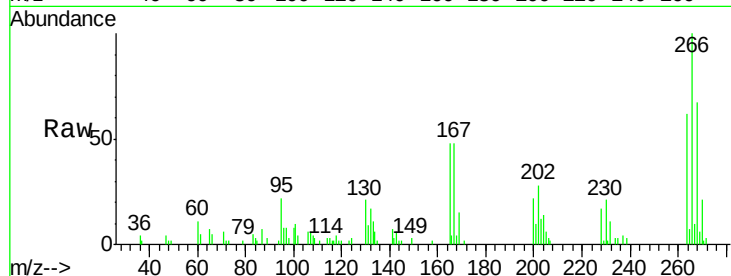




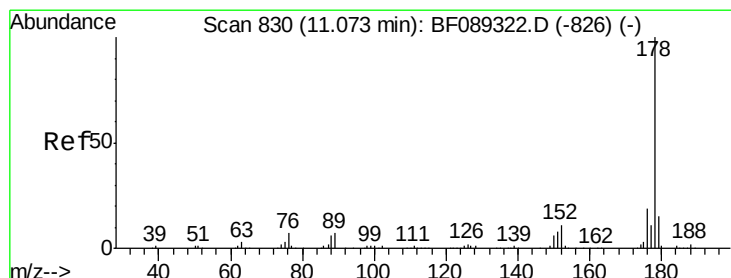
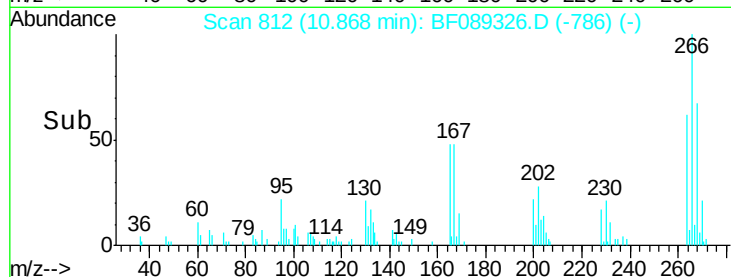
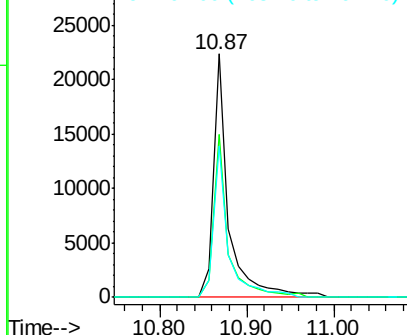
#69
 Pentachlorophenol
 Concen: 40.23 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 27498
 Ion Ratio Lower Upper
 266 100
 268 66.9 49.4 74.2
 264 62.3 50.2 75.2

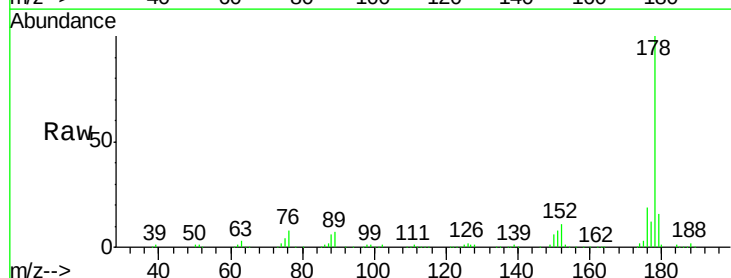


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

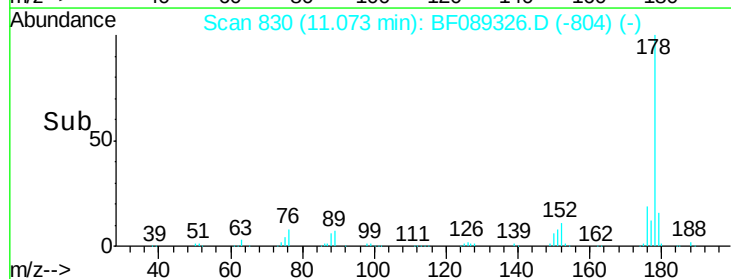
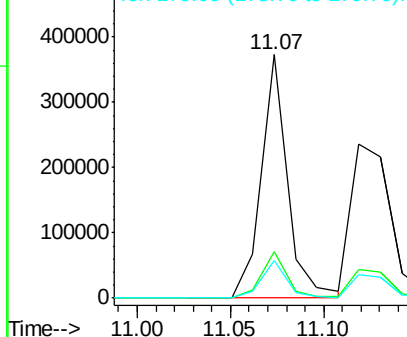


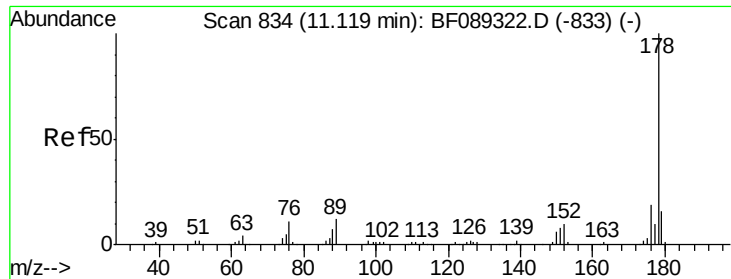
#70
 Phenanthrene
 Concen: 41.98 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

Tgt Ion:178 Resp: 363093
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.5 23.3
 179 15.6 12.3 18.5



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

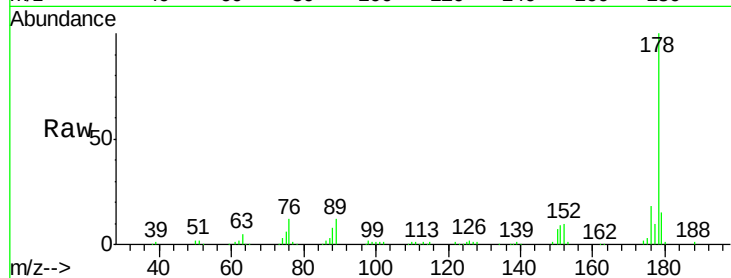




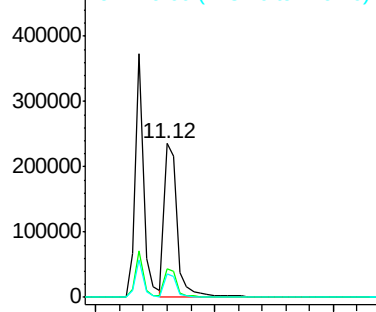
#71
 Anthracene
 Concen: 38.61 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

Instrument :
 BNA_F
 ClientSampled :

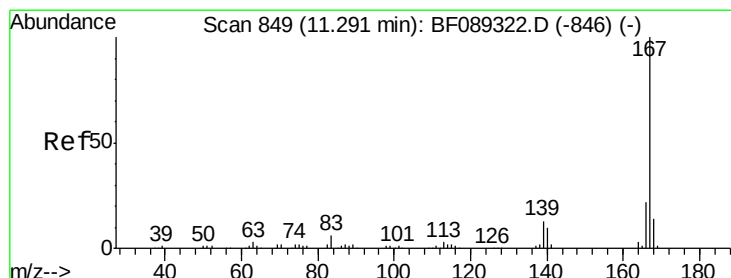
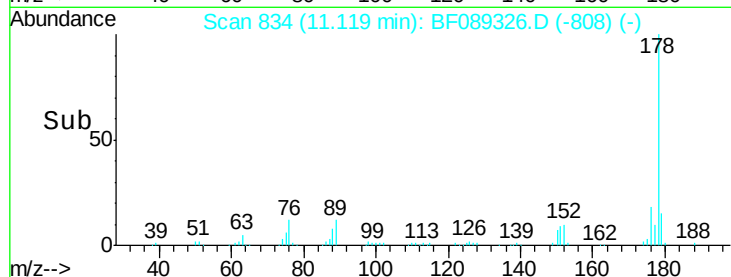
Tot Ion:178 Resp: 371270
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.8 22.2
 179 15.4 12.6 18.8



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

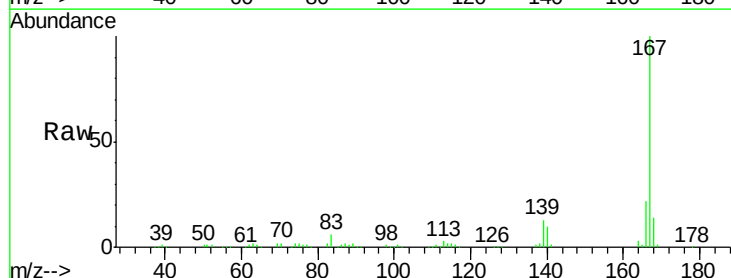


Time--> 11.00 11.20 11.40

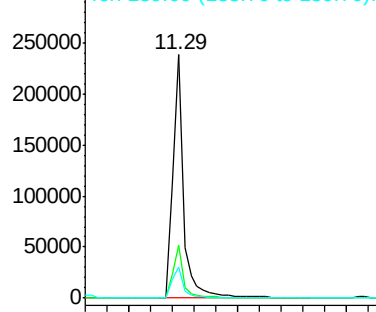


#72
 Carbazole
 Concen: 39.80 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

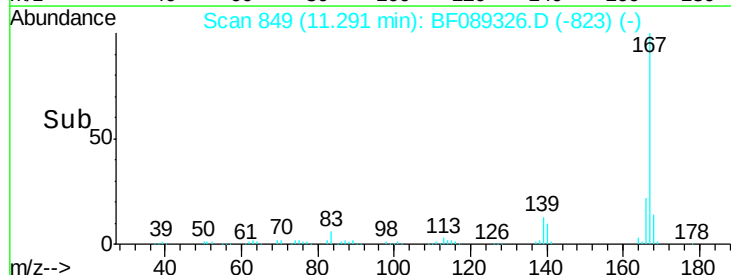
Tgt Ion:167 Resp: 322198
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 12.8 10.1 15.1

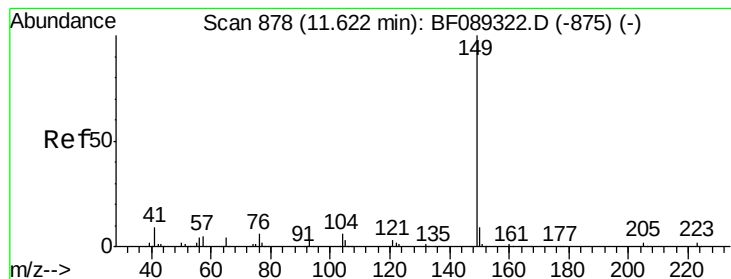


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time--> 11.20 11.40 11.60





#73

Di-n-butylphthalate

Concen: 38.83 ng

RT: 11.62 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

Instrument :

BNA_F

ClientSampleId :

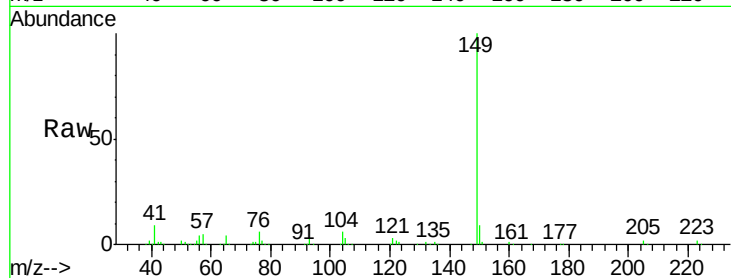
Tot Ion:149 Resp: 421719

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

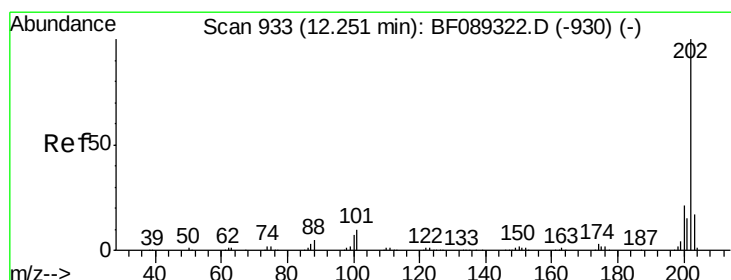
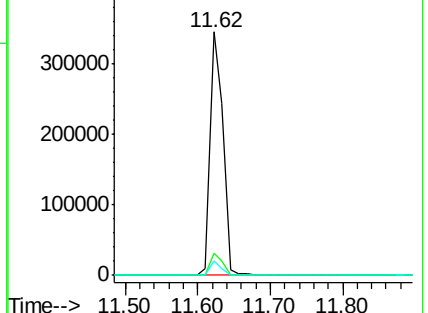
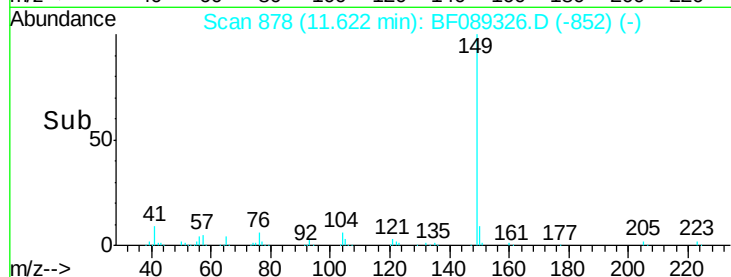
104 6.0 4.7 7.1



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: 42.80 ng

RT: 12.25 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

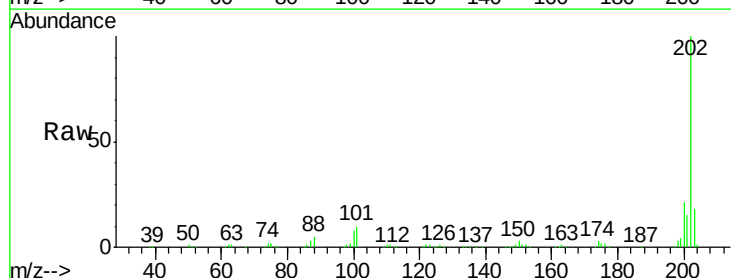
Tgt Ion:202 Resp: 389446

Ion Ratio Lower Upper

202 100

101 10.3 0.0 29.9

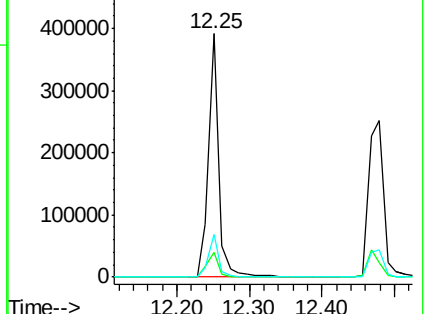
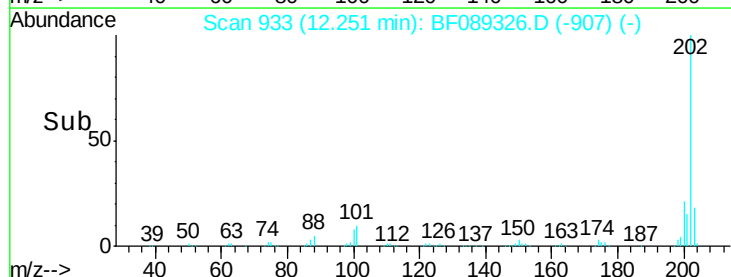
203 17.7 0.0 37.3

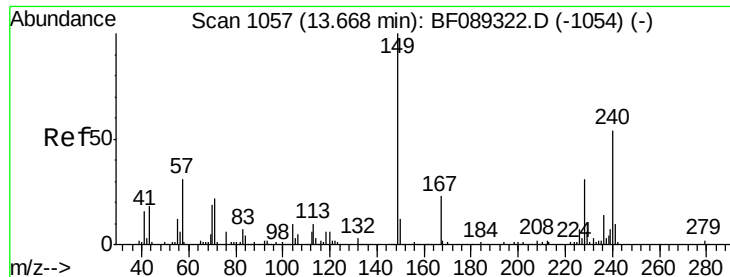


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.67 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

Instrument :

BNA_F

ClientSampleId :

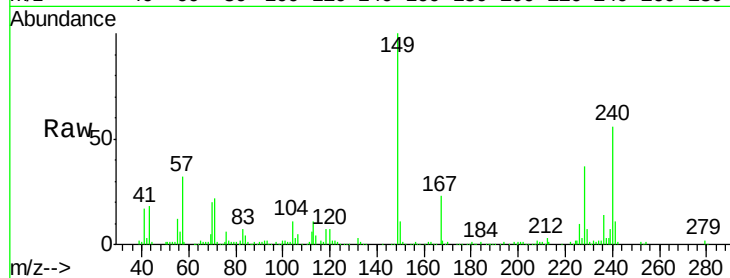
Tot Ion:240 Resp: 122199

Ion Ratio Lower Upper

240 100

120 12.4 9.1 13.7

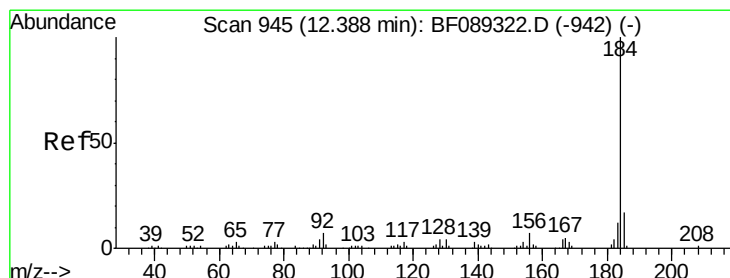
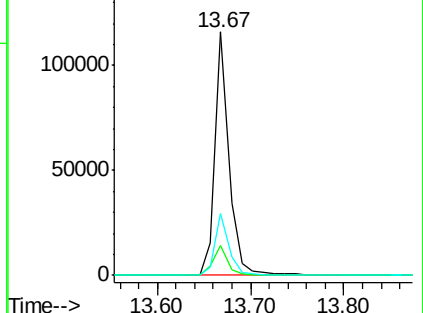
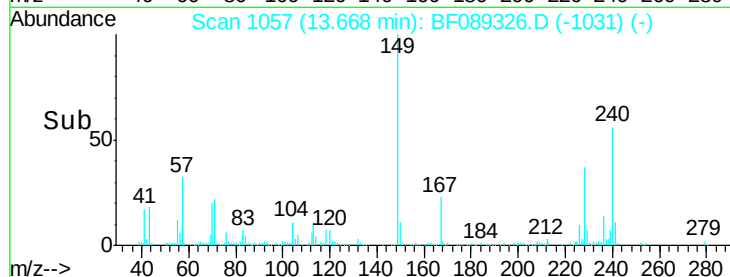
236 25.3 20.6 30.8



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: 40.05 ng

RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

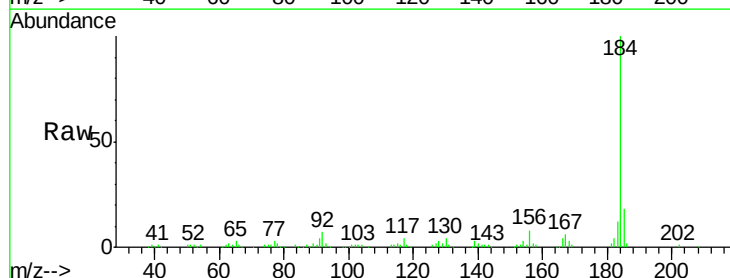
Tgt Ion:184 Resp: 180851

Ion Ratio Lower Upper

184 100

185 18.0 13.5 20.3

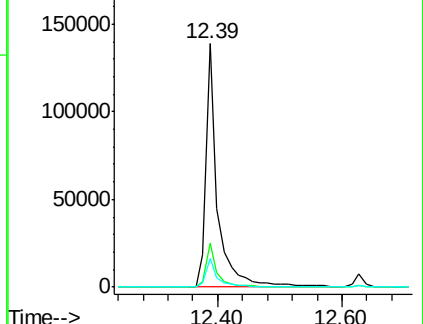
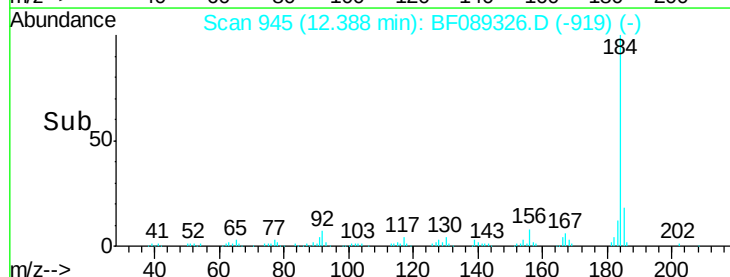
183 12.0 9.8 14.6

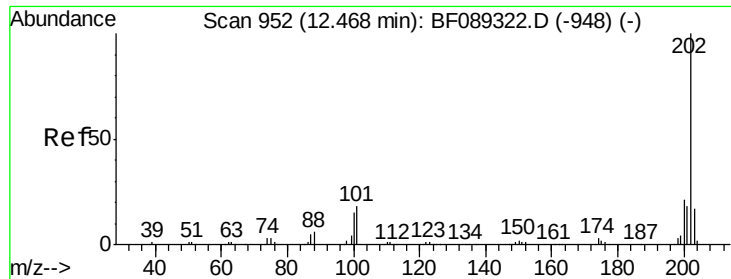


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

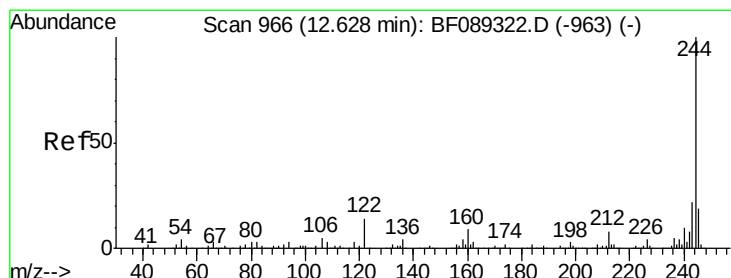
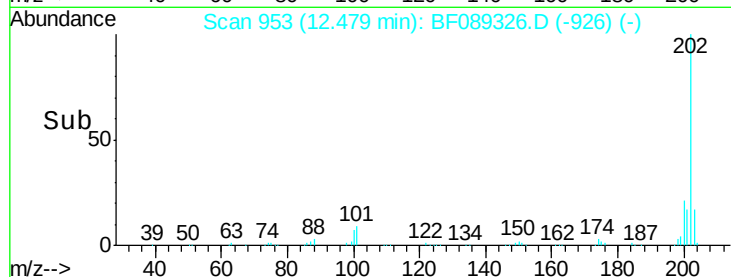
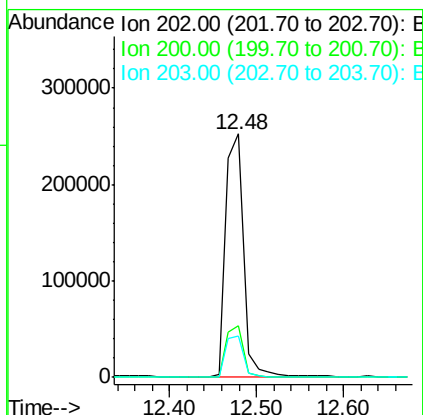
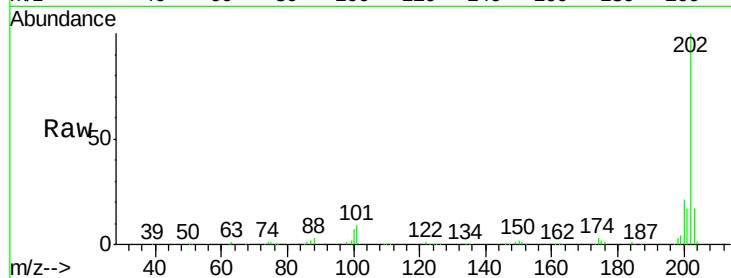




#77
 Pvrene
 Concen: 39.19 ng
 RT: 12.48 min Scan# 953
 Delta R.T. 0.01 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

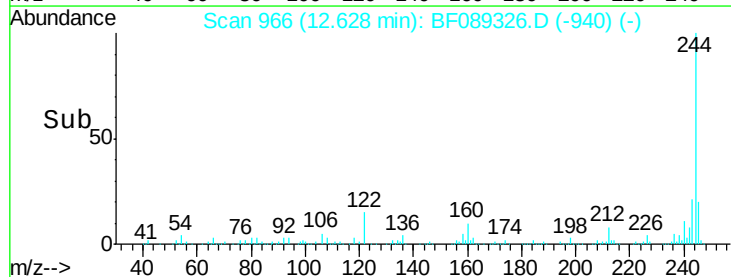
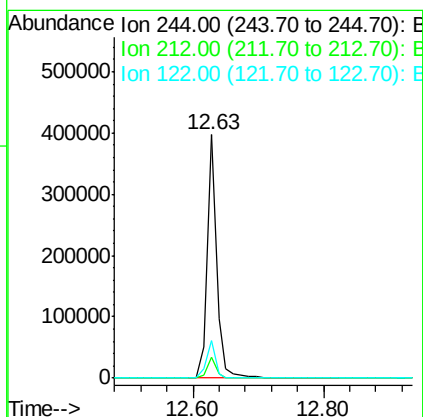
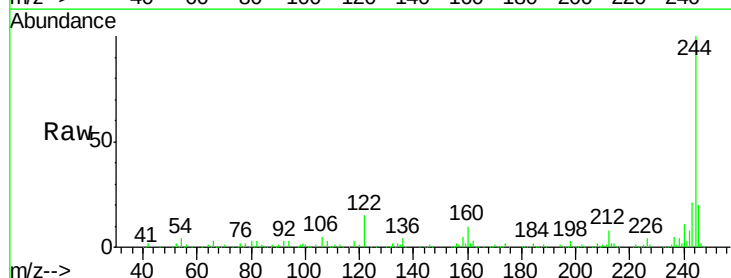
Instrument :
 BNA_F
 ClientSampleId :

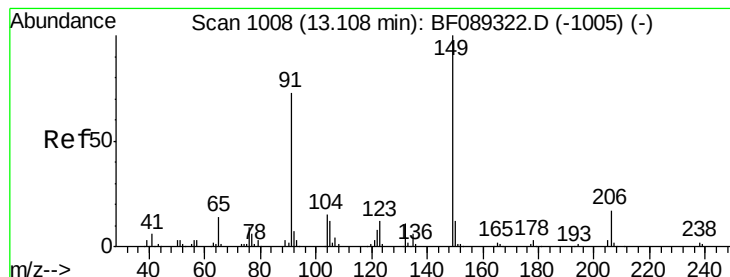
Tot Ion:202 Resp: 362922
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.9 25.3
 203 17.0 14.0 21.0



#78
 Terphenyl-d14
 Concen: 77.00 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

Tgt Ion:244 Resp: 402039
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 15.2 11.4 17.0





#79

Butylbenzylphthalate

Concen: 43.69 ng

RT: 13.11 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

Instrument :

BNA_F

ClientSampled :

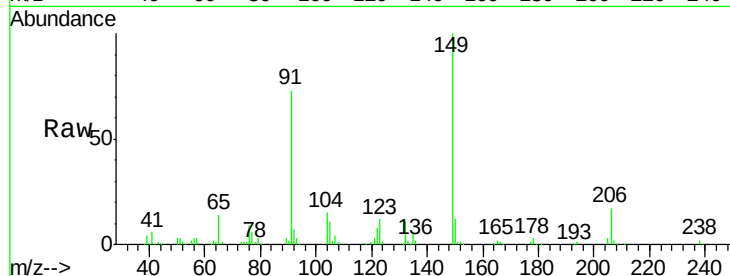
Tot Ion:149 Resp: 183947

Ion Ratio Lower Upper

149 100

91 73.0 58.5 87.7

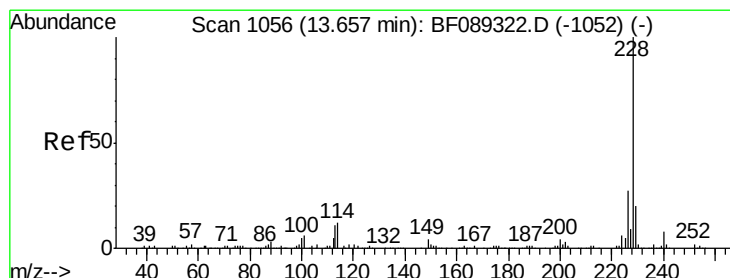
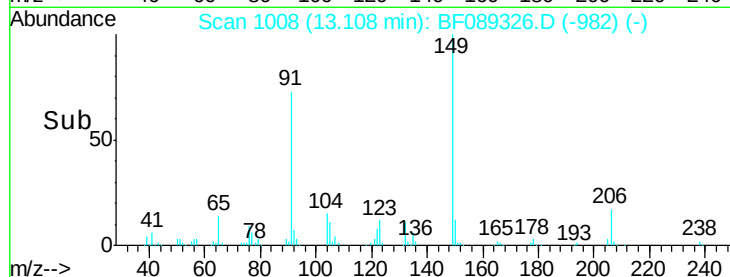
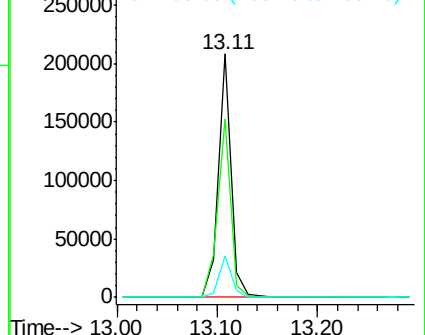
206 16.8 13.8 20.8



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: 40.04 ng

RT: 13.66 min Scan# 1056

Delta R.T. -0.00 min

Lab File: BF089326.D

Acq: 27 Jul 2016 12:51

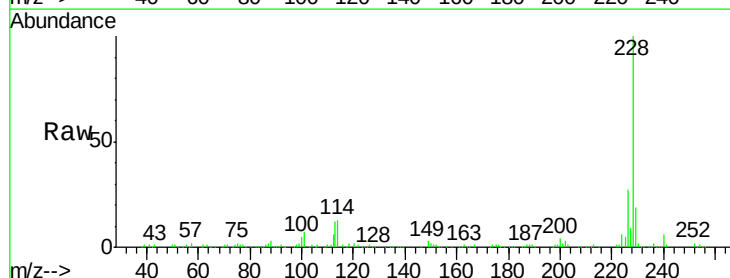
Tgt Ion:228 Resp: 276121

Ion Ratio Lower Upper

228 100

226 26.8 21.4 32.2

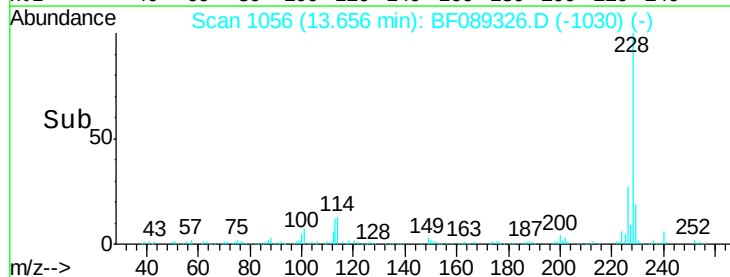
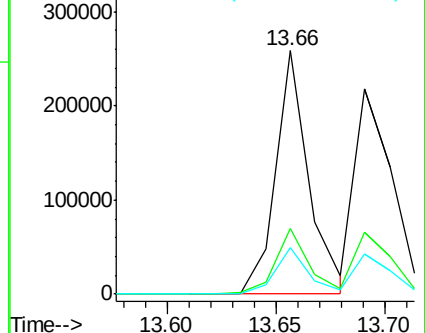
229 19.3 15.9 23.9

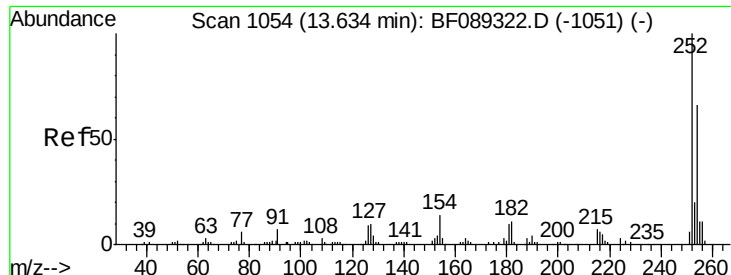


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

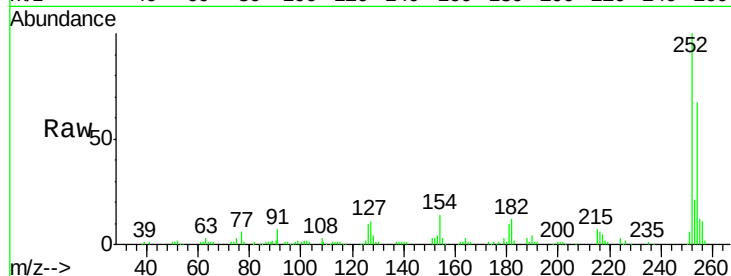




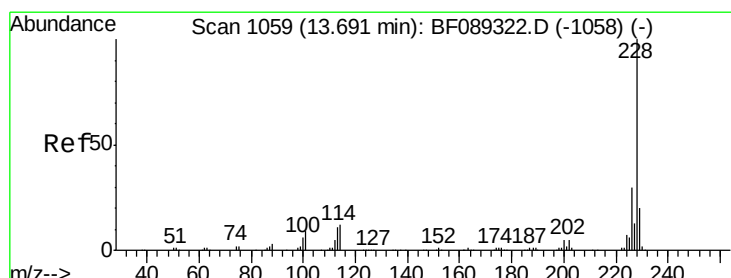
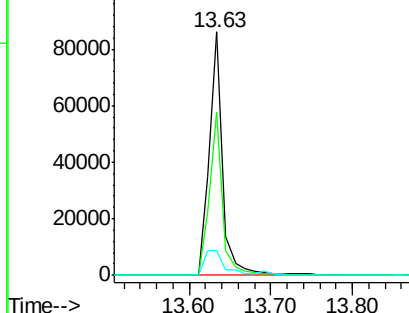
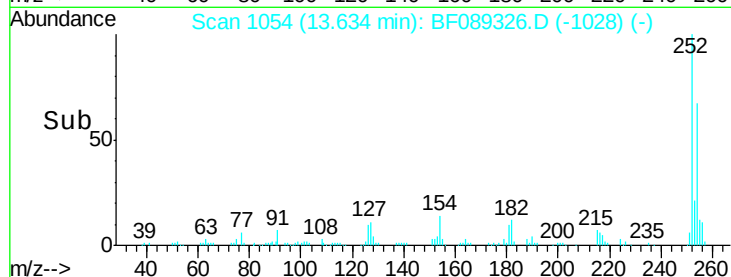
#81
 3,3'-Dichlorobenzidine
 Concen: 40.45 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 100375
 Ion Ratio Lower Upper
 252 100
 254 66.9 52.5 78.7
 126 9.9 7.4 11.2

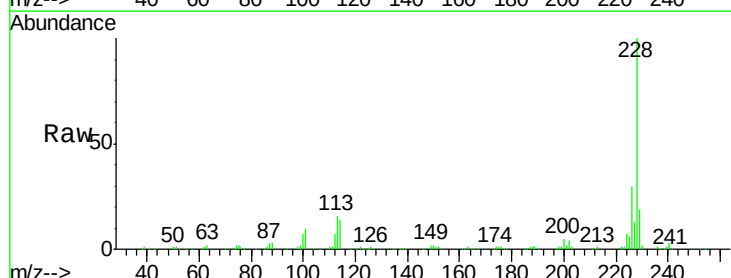


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

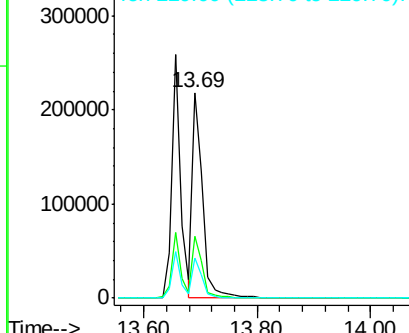
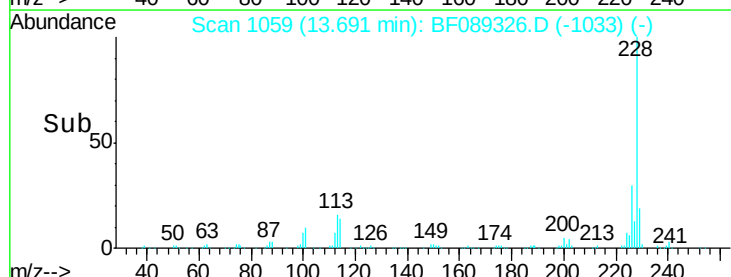


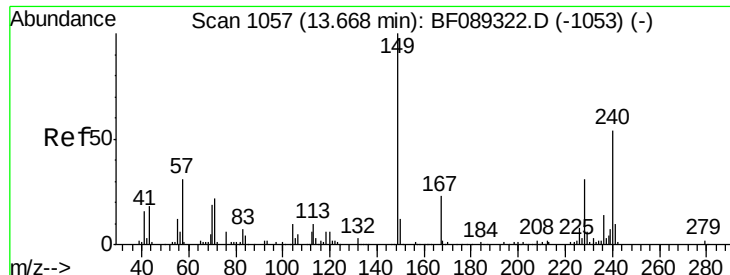
#82
 Chrysene
 Concen: 37.88 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

Tgt Ion:228 Resp: 278038
 Ion Ratio Lower Upper
 228 100
 226 30.2 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

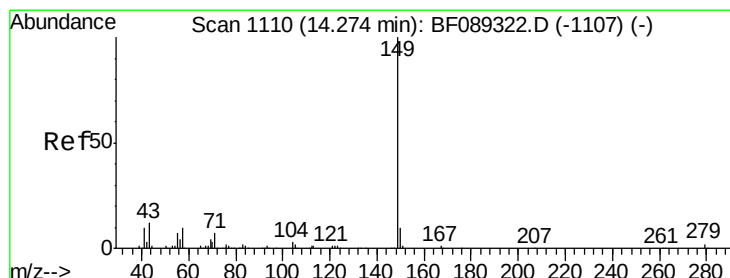
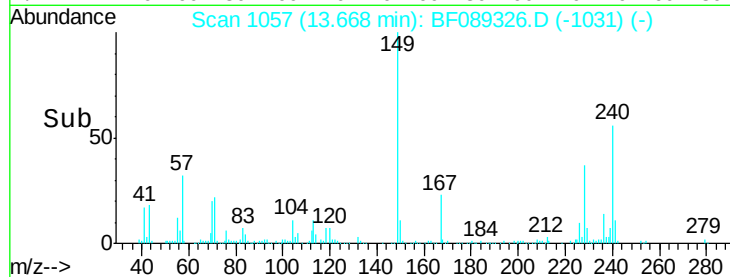
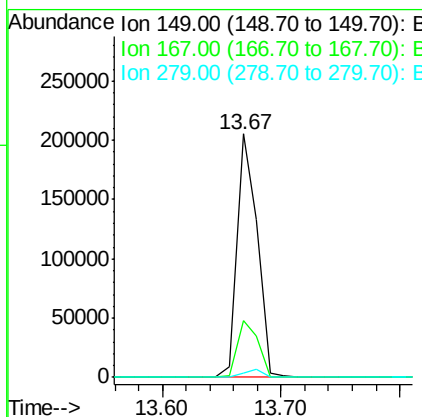
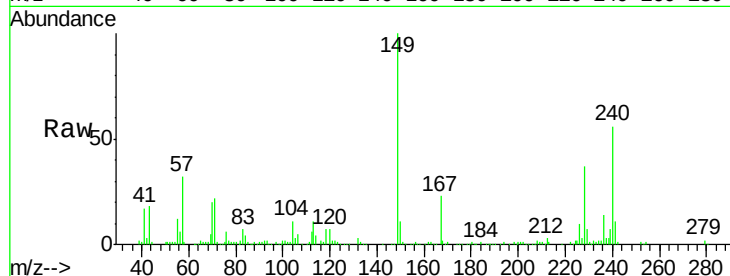




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.89 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

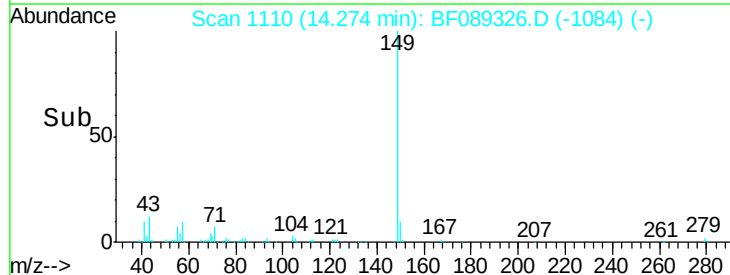
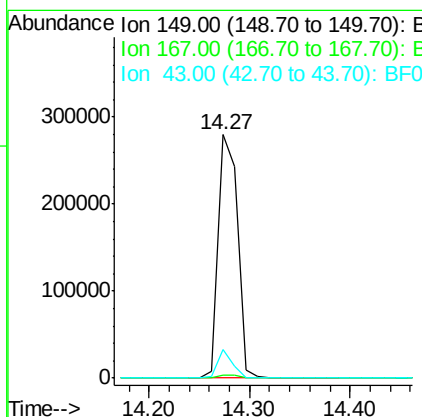
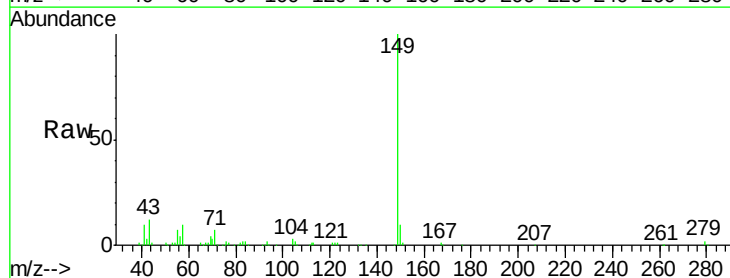
Instrument :
 BNA_F
 ClientSampleId :

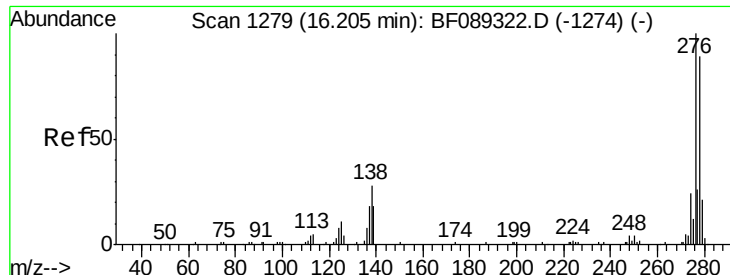
Tot Ion:149 Resp: 242828
 Ion Ratio Lower Upper
 149 100
 167 23.1 18.8 28.2
 279 1.9 1.4 2.0



#84
 Di-n-octyl phthalate
 Concen: 39.44 ng
 RT: 14.27 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

Tgt Ion:149 Resp: 374619
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 9.1 7.3 10.9

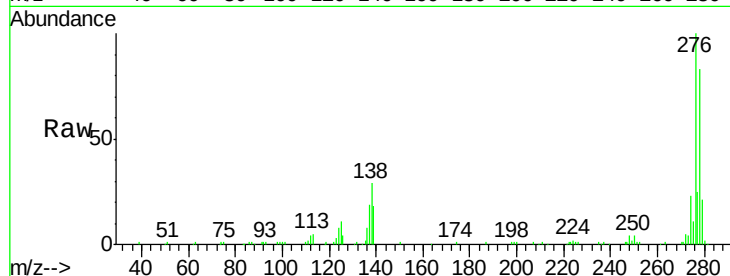




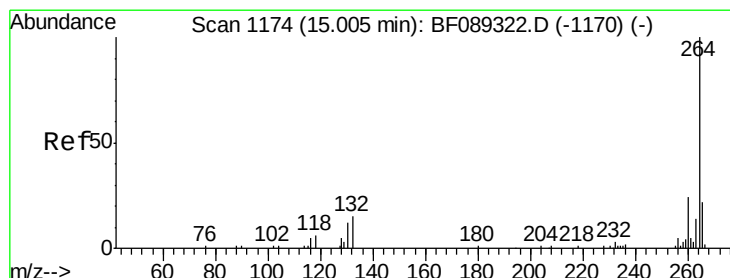
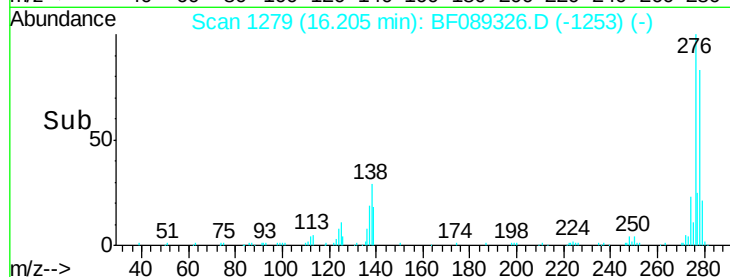
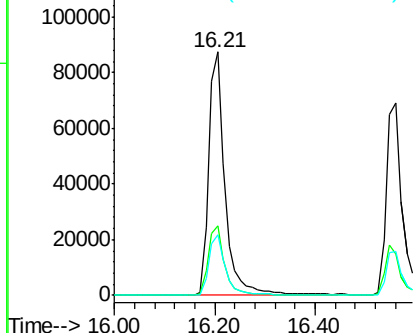
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.80 ng
 RT: 16.21 min Scan# 1279
 Delta R.T. -0.00 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 197292
 Ion Ratio Lower Upper
 276 100
 138 29.1 23.0 34.4
 277 25.0 20.2 30.4

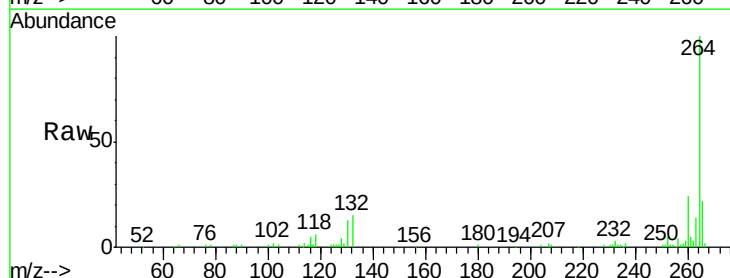


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

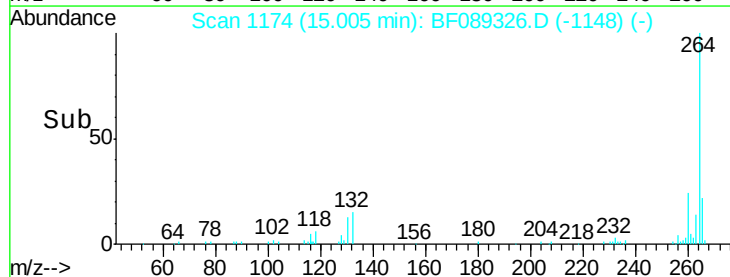
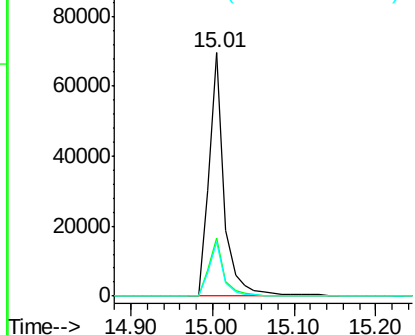


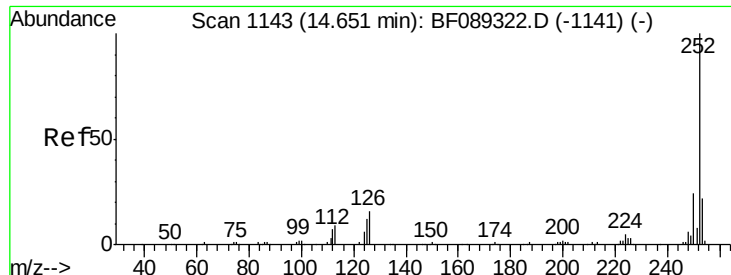
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

Tgt Ion:264 Resp: 91749
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 22.0 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

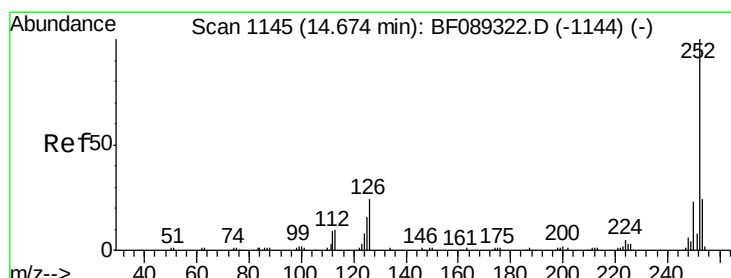
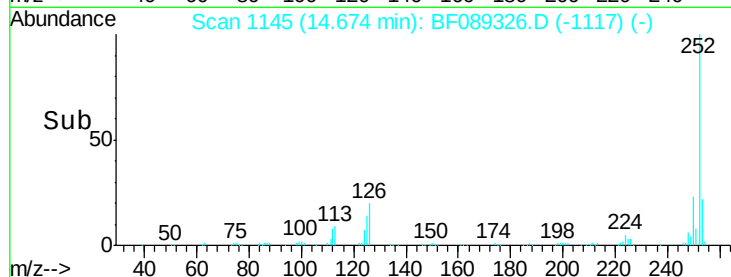
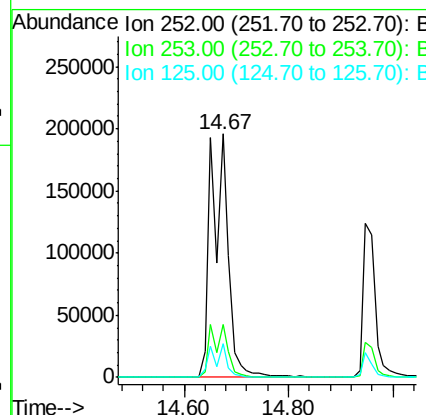
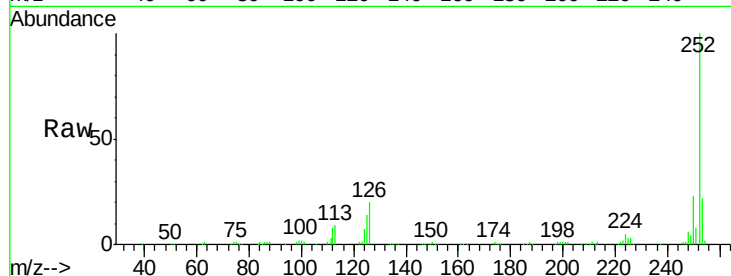




#87
Benzo(b)fluoranthene
Concen: 78.89 ng
RT: 14.67 min Scan# 1145
Delta R.T. 0.02 min
Lab File: BF089326.D
Acq: 27 Jul 2016 12:51

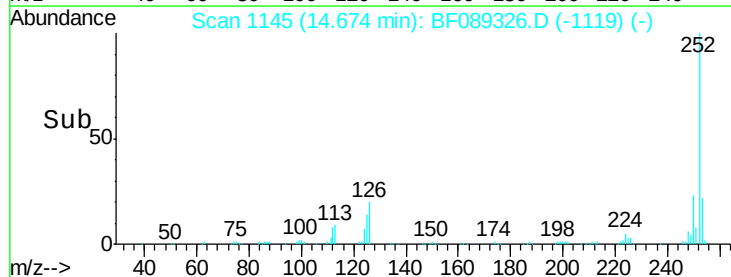
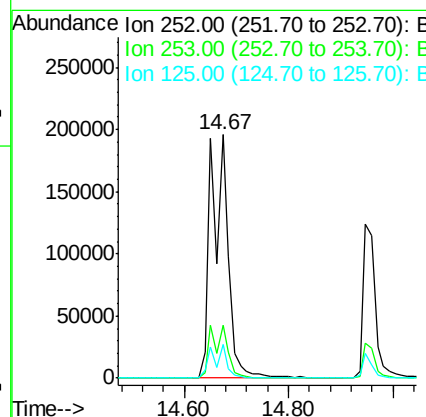
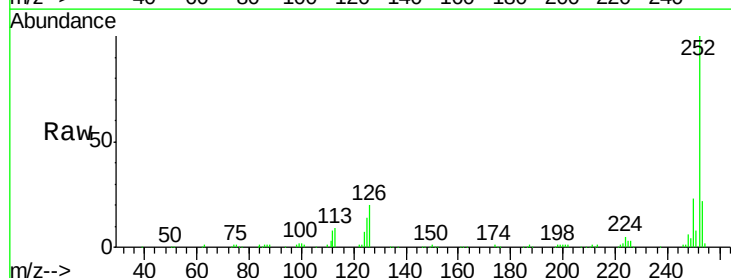
Instrument :
BNA_F
ClientSampled :

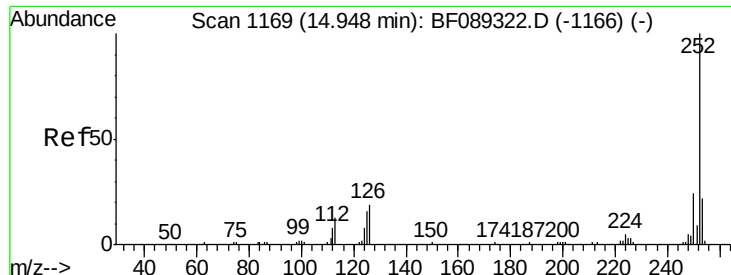
Tot Ion:252 Resp: 449480
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 14.0 9.7 14.5



#88
Benzo(k)fluoranthene
Concen: 86.07 ng
RT: 14.67 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF089326.D
Acq: 27 Jul 2016 12:51

Tgt Ion:252 Resp: 449480
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 14.0 10.7 16.1

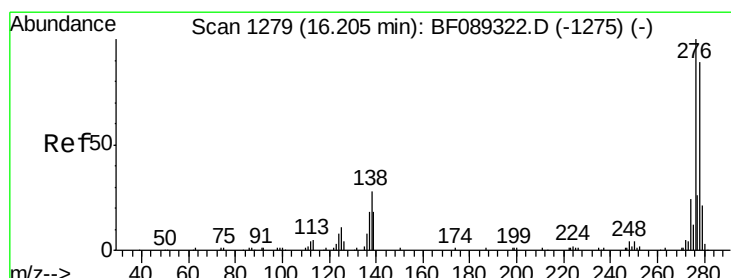
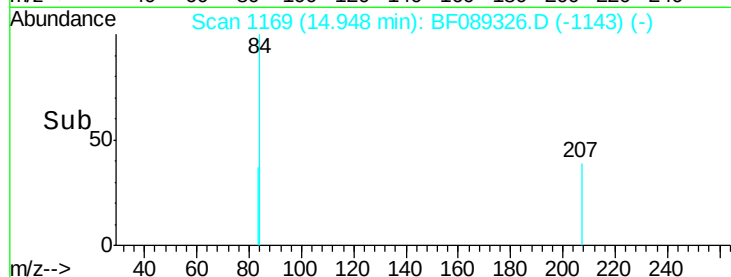
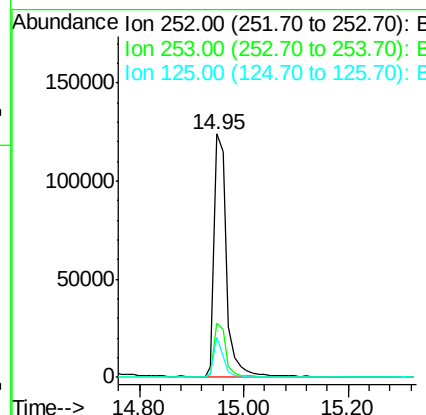
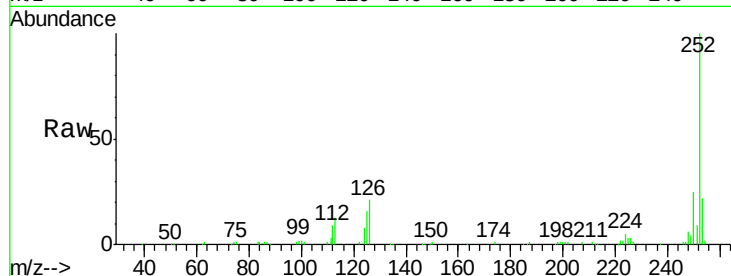




#89
Benzo(a)pyrene
Concen: 40.64 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF089326.D
Acq: 27 Jul 2016 12:51

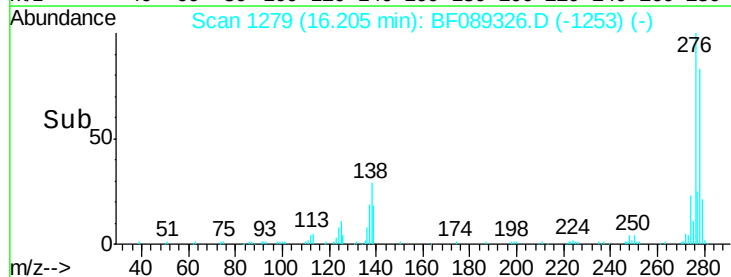
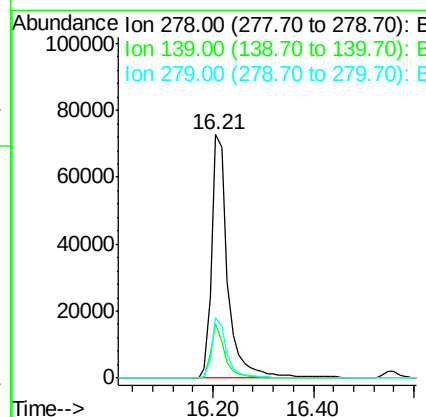
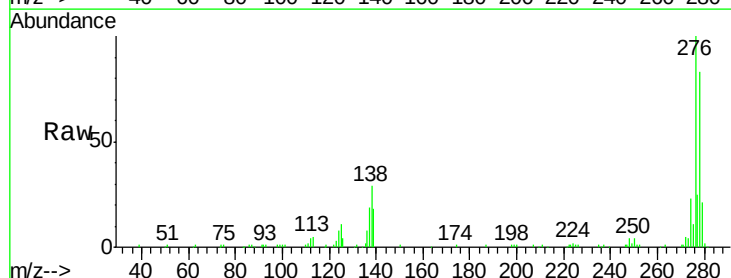
Instrument :
BNA_F
ClientSampleId :

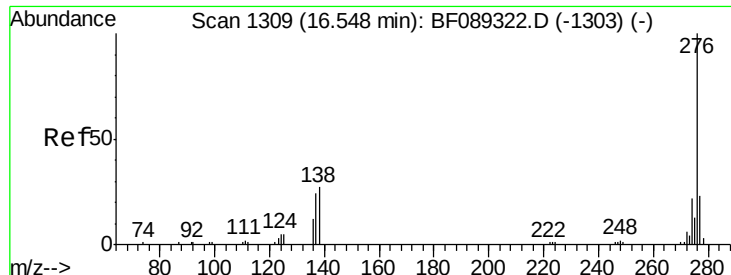
Tot Ion:252 Resp: 207719
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 16.2 12.4 18.6



#90
Dibenzo(a,h)anthracene
Concen: 40.37 ng
RT: 16.21 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF089326.D
Acq: 27 Jul 2016 12:51

Tgt Ion:278 Resp: 162565
Ion Ratio Lower Upper
278 100
139 22.2 16.3 24.5
279 24.7 19.1 28.7

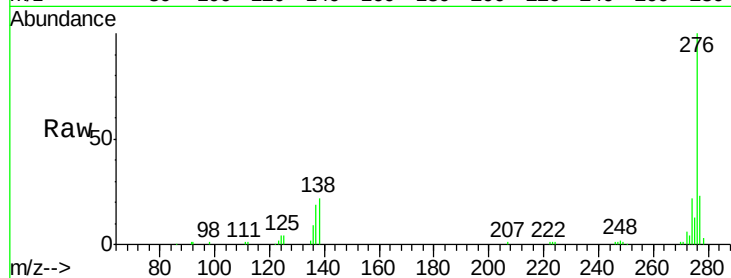




#91
 Benzo(a,h,i)perylene
 Concen: 41.14 ng
 RT: 16.56 min Scan# 1310
 Delta R.T. 0.01 min
 Lab File: BF089326.D
 Acq: 27 Jul 2016 12:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	22.8	18.6	28.0	
138	21.7	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

